

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)**

**5N-66W-05 VOLT 19-5 PAD**

**VOLT 33C-6-M**

**Wellbore #1**

**Design #1**

## **Anticollision Report**

**18 November, 2018**

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Design #1		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	MD Interval 100.00usft	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 2,500.00 usft	<b>Error Surface:</b>	Pedal Curve
<b>Warning Levels Evaluated at:</b>	2.45 Sigma	<b>Casing Method:</b>	Added to Error Values

<b>Survey Tool Program</b>	<b>Date</b>	11/18/2018		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	15,665.20	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

<b>Summary</b>						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,200.00	7,756.05	1,520.70	1,477.82	35.460	SF
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,495.94	7,581.64	1,498.31	1,458.28	37.431	CC, ES
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,632.94	15,570.00	1,255.04	867.35	3.237	CC, ES
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,665.20	15,570.00	1,255.46	867.58	3.237	SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	8,285.98	7,254.65	328.24	288.63	8.286	CC, ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	8,300.00	7,254.38	328.54	288.76	8.260	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,784.55	7,524.68	1,384.66	1,332.52	26.556	CC
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,800.00	7,524.00	1,384.75	1,332.43	26.465	ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	9,200.00	7,506.53	1,445.53	1,388.64	25.409	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,604.89	7,630.76	1,387.43	1,342.31	30.750	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	8,000.00	7,630.02	1,448.88	1,400.18	29.747	SF
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	7,600.00	7,651.57	157.69	112.43	3.484	SF
VOLT 11C-3-L - Wellbore #1 - Design #1	7,622.25	7,631.71	157.37	112.25	3.488	CC, ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,200.00	7,840.00	698.65	649.44	14.197	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,300.00	7,769.73	693.57	644.86	14.238	ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,324.93	7,750.54	693.39	644.86	14.286	CC
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,300.00	7,860.66	528.98	480.97	11.018	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,391.62	7,787.07	525.83	478.22	11.044	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	725.84	722.90	18.16	9.74	2.157	CC
VOLT 12N-6A-M - Wellbore #1 - Design #1	800.00	796.57	18.29	9.67	2.123	ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	15,665.20	15,375.08	341.24	126.89	1.592	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	800.00	794.56	35.30	26.68	4.094	CC, ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	15,665.20	15,551.48	453.83	190.44	1.723	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	804.17	796.12	52.00	43.35	6.016	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	15,665.20	15,663.89	674.80	398.45	2.442	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	200.00	200.00	60.14	52.57	7.941	CC
VOLT 13C-6-M - Wellbore #1 - Design #1	200.01	200.01	60.14	52.57	7.941	ES
VOLT 13C-6-M - Wellbore #1 - Design #1	15,662.23	15,634.69	428.71	152.84	1.554	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	200.00	200.00	79.91	72.33	10.550	CC
VOLT 13N-6B-M - Wellbore #1 - Design #1	202.21	202.21	79.91	72.33	10.548	ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	15,665.20	15,431.34	614.54	345.53	2.284	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	442.84	449.22	99.84	92.00	12.731	CC
VOLT 13N-6C-M - Wellbore #1 - Design #1	500.00	508.16	99.89	91.96	12.588	ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	15,665.20	15,444.00	822.66	549.30	3.009	SF

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<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 14C-3-L - Wellbore #1 - Design #1	7,500.00	7,788.38	404.76	359.17	8.879	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	7,598.25	7,691.51	403.50	358.66	9.000	CC, ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,200.00	7,849.79	559.97	512.65	11.834	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,218.83	7,837.40	559.79	512.58	11.857	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,200.00	7,938.43	777.45	730.36	16.510	SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,300.00	7,867.97	774.13	727.62	16.643	ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,300.28	7,867.76	774.13	727.62	16.644	CC
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,080.64	7,787.85	276.61	227.15	5.593	CC, ES, SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,281.84	7,769.45	51.39	3.89	1.082	Level 2, CC, ES, SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,352.87	7,796.94	161.40	114.71	3.457	CC, ES, SF
VOLT 25C-3-L - Wellbore #1 - Design #1	7,400.00	7,835.28	884.12	835.86	18.317	SF
VOLT 25C-3-L - Wellbore #1 - Design #1	7,800.00	7,453.61	866.79	821.10	18.969	CC, ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,100.00	7,803.62	940.94	890.05	18.488	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,150.00	7,768.82	940.04	889.46	18.585	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,200.00	7,957.05	1,128.47	1,078.02	22.364	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,700.00	7,488.81	1,106.29	1,059.28	23.533	ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,800.00	7,411.75	1,106.07	1,059.55	23.780	CC
VOLT 32C-6-M - Wellbore #1 - Design #1	904.54	892.34	78.56	69.58	8.754	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	15,665.20	15,774.22	840.66	562.05	3.017	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	808.12	796.97	72.30	63.64	8.346	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	15,665.20	15,519.46	875.61	606.14	3.249	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	831.23	814.81	112.06	103.31	12.807	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	15,665.20	15,688.93	1,039.76	762.00	3.743	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	200.00	200.00	40.09	32.52	5.294	CC
VOLT 33N-6A-M - Wellbore #1 - Design #1	200.03	200.03	40.09	32.52	5.294	ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	15,665.20	15,306.33	471.80	230.45	1.955	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	792.58	795.08	10.05	1.42	1.165	Level 2, CC
VOLT 33N-6C-M - Wellbore #1 - Design #1	15,665.20	15,529.88	235.80	-14.65	0.941	Level 1, ES, SF
VOLT 34C-6-M - Wellbore #1 - Design #1	200.00	200.00	140.04	132.47	18.490	CC
VOLT 34C-6-M - Wellbore #1 - Design #1	300.00	302.14	140.07	132.41	18.284	ES
VOLT 34C-6-M - Wellbore #1 - Design #1	15,665.20	15,584.31	1,225.06	950.44	4.461	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	593.21	607.27	115.34	107.21	14.191	CC
VOLT 34N-6B-M - Wellbore #1 - Design #1	600.00	614.26	115.34	107.20	14.164	ES
VOLT 34N-6B-M - Wellbore #1 - Design #1	15,665.20	15,393.78	1,030.54	757.73	3.777	SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	200.00	200.00	160.09	152.52	21.137	CC
VOLT 34N-6C-M - Wellbore #1 - Design #1	300.00	302.27	160.14	152.48	20.904	ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	15,665.20	15,468.36	1,446.80	1,173.60	5.296	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	675.63	823.81	1,029.23	1,020.67	120.222	CC, ES
VOLT 36C-3-L - Wellbore #1 - Design #1	7,200.00	8,127.28	1,250.98	1,203.77	26.500	SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	671.94	817.12	1,014.35	1,005.79	118.537	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	6,996.37	7,955.42	1,407.92	1,359.11	28.848	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,100.00	7,956.43	1,015.91	967.99	21.201	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,166.72	7,918.88	1,014.37	966.75	21.299	CC, ES

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

### Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-06 Offsets Incomplete						
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	15,088.24	7,163.37	868.63	719.64	5.830	CC
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	15,100.00	7,162.99	868.71	719.57	5.825	ES, SF
SOUTH 6-21D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,647.68	7,124.99	1,918.30	1,797.07	15.823	CC
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,700.00	7,124.44	1,919.02	1,796.91	15.715	ES
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,900.00	7,122.32	1,934.82	1,810.07	15.510	SF
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,734.75	7,231.06	508.36	385.35	4.133	CC, ES, SF
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,817.13	7,474.04	815.82	689.51	6.459	CC, ES
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,900.00	7,472.08	820.02	692.53	6.432	SF
WILKEN 15-6 - PDC SI Well - No Surveys	12,381.37	7,202.15	913.61	575.51	2.702	CC
WILKEN 15-6 - PDC SI Well - No Surveys	12,400.00	7,202.72	913.80	575.44	2.701	ES, SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,084.91	15,953.87	1,623.54	1,340.11	5.728	CC, ES, SF
5N-67W-01 Offsets Incomplete						
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,379.72	7,020.90	1,487.39	1,334.30	9.715	CC
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,400.00	7,032.22	1,487.49	1,333.97	9.689	ES
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,665.20	7,249.51	1,502.02	1,343.13	9.453	SF
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,574.08	7,134.25	1,287.46	1,130.50	8.202	CC
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,665.20	7,212.11	1,288.32	1,128.89	8.081	ES, SF
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,451.32	6,964.02	1,723.87	1,569.79	11.188	CC
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,500.00	6,996.85	1,724.24	1,569.06	11.111	ES
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,665.20	7,136.35	1,729.69	1,570.55	10.869	SF
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,356.89	7,036.43	1,348.27	1,198.86	9.024	CC
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,400.00	7,048.34	1,348.85	1,198.73	8.985	ES
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,665.20	7,251.04	1,373.56	1,217.88	8.823	SF
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,454.99	7,015.23	1,230.04	1,080.25	8.211	CC
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,665.20	7,285.91	1,231.42	1,074.04	7.824	ES, SF
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,652.52	7,368.34	115.85	-39.92	0.744	Level 1, CC
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,665.20	7,380.05	115.94	-40.87	0.739	Level 1, ES, SF
GREELEY-ROTHER FEDERAL 12N-2A-L - SRC Energy P	15,665.20	7,298.39	372.39	228.08	2.580	CC, ES, SF
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,665.20	7,345.65	595.23	437.77	3.780	CC, ES, SF
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,461.50	7,132.34	523.31	374.31	3.512	CC
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,500.00	7,160.85	523.98	373.45	3.481	ES
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,665.20	7,353.46	532.88	375.61	3.388	SF
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,665.20	7,254.25	764.26	609.30	4.932	CC, ES, SF
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,488.03	7,082.00	921.24	771.08	6.135	CC
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,500.00	7,082.00	921.31	771.01	6.130	ES
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,600.00	7,112.93	926.93	775.17	6.108	SF
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,519.51	7,366.00	942.53	786.12	6.026	CC, ES
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,665.20	7,460.00	947.74	788.81	5.963	SF
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,538.63	7,205.74	775.12	621.05	5.031	CC
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,600.00	7,237.24	776.47	620.86	4.990	ES
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,665.20	7,273.00	780.75	623.75	4.973	SF
GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy P	15,665.20	7,244.33	361.24	222.05	2.595	CC, ES, SF
GREELEY-ROTHER FEDERAL 33N-2C-L - SRC Energy P	15,665.20	7,284.62	165.85	37.57	1.293	Level 3, CC, ES, SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
2,800.00	2,766.45	3,187.81	3,148.48	7.81	9.60	-71.94	2,594.07	335.64	2,486.83	2,470.98	15.85	156.911	
2,900.00	2,864.93	3,282.56	3,241.93	7.97	9.80	-72.30	2,578.48	336.46	2,464.85	2,448.67	16.18	152.346	
3,000.00	2,963.42	3,377.35	3,335.45	8.15	9.99	-72.68	2,562.94	336.80	2,443.04	2,426.51	16.53	147.837	
3,100.00	3,061.91	3,471.32	3,428.14	8.33	10.18	-73.10	2,547.53	335.93	2,421.37	2,404.48	16.89	143.381	
3,200.00	3,160.39	3,561.58	3,517.16	8.53	10.37	-73.54	2,532.87	333.51	2,400.05	2,382.78	17.27	139.006	
3,300.00	3,258.88	3,657.81	3,612.07	8.73	10.59	-74.03	2,517.31	330.30	2,378.99	2,361.32	17.67	134.629	
3,400.00	3,357.37	3,751.94	3,704.88	8.94	10.80	-74.53	2,501.99	326.70	2,358.04	2,339.95	18.09	130.356	
3,500.00	3,455.85	3,839.29	3,791.01	9.16	11.01	-75.02	2,488.01	322.79	2,337.57	2,319.06	18.51	126.269	
3,600.00	3,554.34	3,931.42	3,881.87	9.39	11.24	-75.55	2,473.43	318.25	2,317.52	2,298.56	18.96	122.241	
3,700.00	3,652.83	4,022.82	3,972.00	9.62	11.47	-76.10	2,459.05	313.27	2,297.82	2,278.40	19.42	118.339	
3,800.00	3,751.31	4,111.22	4,059.17	9.86	11.70	-76.64	2,445.33	308.06	2,278.59	2,258.71	19.88	114.596	
3,900.00	3,849.80	4,198.84	4,145.58	10.10	11.93	-77.20	2,431.98	302.54	2,259.93	2,239.56	20.36	110.995	
4,000.00	3,948.29	4,287.27	4,232.81	10.35	12.17	-77.78	2,418.73	296.51	2,241.82	2,220.97	20.85	107.516	
4,100.00	4,046.77	4,375.10	4,319.43	10.61	12.41	-78.38	2,405.79	289.92	2,224.32	2,202.97	21.35	104.174	
4,200.00	4,145.26	4,468.23	4,431.00	10.86	12.70	-79.16	2,388.92	281.86	2,206.91	2,185.01	21.90	100.774	
4,300.00	4,243.75	4,561.07	4,554.16	11.13	13.01	-79.96	2,369.36	276.04	2,188.73	2,166.27	22.46	97.445	
4,400.00	4,342.23	4,720.48	4,660.11	11.39	13.28	-80.58	2,351.83	274.00	2,169.74	2,146.75	22.99	94.365	
4,500.00	4,440.72	4,818.76	4,757.05	11.66	13.54	-81.14	2,335.73	273.06	2,150.77	2,127.25	23.52	91.454	
4,600.00	4,539.21	4,904.56	4,841.68	11.94	13.78	-81.65	2,321.68	271.52	2,132.14	2,108.11	24.03	88.714	
4,700.00	4,637.70	4,986.25	4,922.26	12.22	14.01	-82.18	2,308.53	268.69	2,114.32	2,089.77	24.56	86.103	
4,800.00	4,736.18	5,065.39	5,000.32	12.50	14.24	-82.73	2,296.14	264.76	2,097.45	2,072.37	25.08	83.620	
4,900.00	4,834.67	5,139.60	5,073.53	12.78	14.45	-83.28	2,284.93	260.02	2,081.70	2,056.10	25.61	81.289	
5,000.00	4,933.16	5,208.00	5,141.03	13.07	14.65	-83.81	2,275.26	254.76	2,067.44	2,041.32	26.13	79.131	
5,100.00	5,031.64	5,287.63	5,219.62	13.35	14.88	-84.46	2,264.58	247.58	2,054.53	2,027.85	26.68	77.008	
5,200.00	5,130.13	5,363.20	5,294.16	13.64	15.10	-85.10	2,254.86	239.86	2,042.81	2,015.58	27.23	75.023	
5,300.00	5,228.62	5,435.24	5,365.23	13.94	15.31	-85.73	2,246.19	231.90	2,032.50	2,004.72	27.77	73.180	
5,400.00	5,327.10	5,510.66	5,439.64	14.23	15.52	-86.40	2,237.85	222.83	2,023.76	1,995.43	28.33	71.441	
5,500.00	5,425.59	5,633.07	5,560.40	14.53	15.84	-87.51	2,224.32	208.11	2,015.64	1,986.64	28.99	69.526	
5,600.00	5,524.08	5,797.07	5,722.15	14.83	16.27	-88.93	2,202.48	192.27	2,005.12	1,975.37	29.74	67.415	
5,700.00	5,622.56	5,930.57	5,853.44	15.13	16.66	-90.11	2,181.23	180.68	1,992.41	1,961.97	30.44	65.443	
5,800.00	5,721.05	6,048.87	5,969.47	15.43	17.02	-91.19	2,160.66	170.28	1,978.95	1,947.83	31.12	63.592	
5,900.00	5,819.54	6,208.57	6,126.45	15.73	17.51	-92.50	2,132.31	163.10	1,964.53	1,932.67	31.86	61.665	
6,000.00	5,918.02	6,349.13	6,264.17	16.03	17.93	-93.53	2,104.30	163.31	1,946.38	1,913.86	32.52	59.847	
6,100.00	6,016.51	6,419.45	6,333.23	16.34	18.13	-93.97	2,091.35	166.10	1,928.68	1,895.62	33.06	58.331	
6,200.00	6,115.00	6,505.01	6,417.46	16.65	18.37	-94.47	2,077.00	170.70	1,912.16	1,878.54	33.62	56.876	
6,300.00	6,213.48	6,596.21	6,507.27	16.95	18.64	-95.03	2,061.74	174.75	1,896.22	1,862.03	34.19	55.459	
6,400.00	6,311.97	7,787.79	7,261.73	17.26	25.12	-78.39	1,916.62	880.25	1,837.25	1,797.64	39.61	46.378	
6,500.00	6,410.46	7,801.21	7,262.57	17.57	25.38	-77.90	1,916.78	893.64	1,782.12	1,741.54	40.58	43.916	
6,600.00	6,508.95	7,814.68	7,263.42	17.88	25.64	-77.41	1,917.02	907.08	1,730.84	1,689.28	41.55	41.653	
6,700.00	6,607.69	7,828.00	7,264.25	18.17	25.91	-59.47	1,917.34	920.37	1,683.54	1,641.04	42.50	39.611	
6,800.00	6,707.39	7,832.59	7,264.55	18.34	26.00	47.18	1,917.46	924.95	1,639.68	1,596.50	43.18	37.971	
6,900.00	6,805.96	7,828.00	7,264.25	18.45	25.91	76.71	1,917.34	920.37	1,600.48	1,556.91	43.57	36.732	
7,000.00	6,900.99	7,811.77	7,263.23	18.49	25.59	85.33	1,916.96	904.17	1,567.12	1,523.51	43.61	35.933	
7,100.00	6,990.14	7,788.18	7,261.75	18.49	25.13	89.54	1,916.62	880.63	1,540.41	1,497.03	43.38	35.506	
7,200.00	7,071.20	7,756.05	7,259.74	18.47	24.51	91.68	1,916.54	848.57	1,520.70	1,477.82	42.89	35.460 SF	
7,300.00	7,142.19	7,706.73	7,256.38	18.46	23.61	92.26	1,917.16	799.37	1,507.82	1,465.81	42.02	35.888	
7,400.00	7,201.35	7,640.10	7,249.04	18.48	22.50	91.72	1,918.58	733.17	1,500.57	1,459.72	40.85	36.737	
7,495.94	7,245.64	7,581.64	7,238.30	18.58	21.71	90.86	1,920.47	675.76	1,498.31	1,458.28	40.03	37.431 CC, ES	
7,500.00	7,247.23	7,579.22	7,237.74	18.58	21.68	90.81	1,920.56	673.40	1,498.31	1,458.32	39.99	37.463	
7,600.00	7,278.70	7,517.68	7,220.33	18.78	21.10	89.45	1,923.43	614.47	1,500.79	1,461.48	39.30	38.184	
7,700.00	7,294.98	7,451.00	7,196.23	19.08	20.74	87.69	1,927.23	552.44	1,507.20	1,468.45	38.74	38.902	
7,800.00	7,296.21	7,383.45	7,166.39	19.48	20.54	85.94	1,931.53	492.01	1,516.65	1,478.17	38.48	39.416	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,900.00	7,293.16	7,332.39	7,140.10	20.02	20.44	85.01	1,935.07	448.40	1,528.95	1,490.36	38.59	39.619		
8,000.00	7,290.12	7,293.46	7,117.91	20.67	20.38	84.22	1,938.53	416.61	1,545.30	1,506.28	39.02	39.603		
8,100.00	7,287.08	7,265.00	7,100.56	21.44	20.34	83.61	1,941.53	394.26	1,565.97	1,526.39	39.58	39.570		
8,200.00	7,284.04	7,230.48	7,078.17	22.31	20.26	82.82	1,945.81	368.33	1,591.06	1,550.81	40.25	39.527		
8,300.00	7,281.00	7,204.66	7,060.46	23.26	20.22	82.20	1,949.52	349.93	1,620.72	1,579.71	41.01	39.517		
8,400.00	7,277.95	7,173.00	7,037.68	24.29	20.16	81.42	1,954.66	328.56	1,654.89	1,613.13	41.75	39.635		
8,500.00	7,274.91	7,173.00	7,037.68	25.39	20.16	81.42	1,954.66	328.56	1,693.42	1,650.75	42.67	39.686		
8,600.00	7,271.87	7,136.26	7,009.82	26.55	20.08	80.46	1,961.27	305.54	1,735.68	1,692.23	43.45	39.947		
8,700.00	7,268.83	7,116.55	6,994.28	27.76	20.03	79.94	1,965.04	294.02	1,782.02	1,737.76	44.26	40.263		
8,800.00	7,265.79	7,081.00	6,965.28	29.01	19.96	78.96	1,972.19	274.75	1,832.32	1,787.33	44.99	40.728		
8,900.00	7,262.75	7,081.00	6,965.28	30.31	19.96	78.96	1,972.19	274.75	1,885.52	1,839.74	45.78	41.184		
9,000.00	7,259.70	7,081.00	6,965.28	31.64	19.96	78.96	1,972.19	274.75	1,942.42	1,895.89	46.52	41.753		
9,100.00	7,256.66	7,042.32	6,932.60	33.00	19.86	77.88	1,980.27	255.71	2,001.69	1,954.52	47.17	42.433		
9,200.00	7,253.62	7,024.50	6,917.24	34.38	19.82	77.38	1,984.03	247.52	2,063.90	2,016.09	47.81	43.173		
9,300.00	7,250.58	6,988.00	6,885.18	35.80	19.73	76.34	1,991.76	231.87	2,128.88	2,080.50	48.38	44.004		
9,400.00	7,247.54	6,988.00	6,885.18	37.23	19.73	76.34	1,991.76	231.87	2,195.64	2,146.70	48.94	44.864		
9,500.00	7,244.49	6,988.00	6,885.18	38.68	19.73	76.34	1,991.76	231.87	2,264.86	2,215.40	49.45	45.797		
9,600.00	7,241.45	6,988.00	6,885.18	40.15	19.73	76.34	1,991.76	231.87	2,336.30	2,286.38	49.92	46.798		
9,700.00	7,238.41	6,988.00	6,885.18	41.64	19.73	76.34	1,991.76	231.87	2,409.78	2,359.43	50.35	47.860		
9,800.00	7,235.37	6,946.84	6,848.01	43.14	19.62	75.16	2,000.33	216.44	2,483.79	2,433.01	50.78	48.909		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys													Offset Site Error: 0.00 usft	
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,000.00	2,963.42	3,419.06	3,361.79	8.15	10.97	-62.85	2,584.97	758.68	2,493.40	2,475.50	17.90	139.274		
3,100.00	3,061.91	3,520.96	3,461.58	8.33	11.25	-62.97	2,566.14	767.07	2,468.17	2,449.86	18.30	134.839		
3,200.00	3,160.39	3,626.21	3,564.63	8.53	11.54	-63.10	2,546.43	775.49	2,442.68	2,423.95	18.73	130.443		
3,300.00	3,258.88	3,710.57	3,647.22	8.73	11.77	-63.20	2,530.67	782.33	2,417.26	2,398.14	19.12	126.446		
3,400.00	3,357.37	3,778.09	3,713.33	8.94	11.93	-63.27	2,518.50	788.65	2,392.64	2,373.16	19.49	122.782		
3,500.00	3,455.85	3,844.44	3,778.30	9.16	12.10	-63.31	2,507.27	796.11	2,369.30	2,349.44	19.87	119.257		
3,600.00	3,554.34	3,912.76	3,845.19	9.39	12.27	-63.32	2,496.46	804.84	2,347.20	2,326.94	20.26	115.827		
3,700.00	3,652.83	3,996.67	3,927.33	9.62	12.49	-63.32	2,483.84	816.41	2,325.98	2,305.27	20.71	112.312		
3,800.00	3,751.31	4,086.80	4,015.58	9.86	12.74	-63.31	2,470.66	829.18	2,305.22	2,284.04	21.18	108.824		
3,900.00	3,849.80	4,191.92	4,118.52	10.10	13.04	-63.31	2,455.34	843.96	2,284.50	2,262.79	21.71	105.239		
4,000.00	3,948.29	4,277.10	4,201.95	10.35	13.30	-63.31	2,443.00	855.90	2,263.85	2,241.66	22.19	102.000		
4,100.00	4,046.77	4,397.00	4,319.40	10.61	13.66	-63.31	2,425.42	872.43	2,243.00	2,220.23	22.77	98.498		
4,200.00	4,145.26	4,498.76	4,419.04	10.86	13.98	-63.32	2,409.95	886.11	2,221.59	2,198.27	23.32	95.275		
4,300.00	4,243.75	4,608.95	4,526.94	11.13	14.34	-63.33	2,392.92	900.55	2,199.91	2,176.02	23.89	92.076		
4,400.00	4,342.23	4,740.08	4,655.35	11.39	14.77	-63.40	2,371.40	916.05	2,177.16	2,152.64	24.52	88.795		
4,500.00	4,440.72	4,847.22	4,760.27	11.66	15.13	-63.49	2,352.80	927.31	2,153.31	2,128.23	25.09	85.835		
4,600.00	4,539.21	4,954.88	4,865.72	11.94	15.50	-63.60	2,333.75	937.74	2,129.06	2,103.40	25.66	82.987		
4,700.00	4,637.70	5,044.99	4,953.98	12.22	15.78	-63.70	2,317.80	946.37	2,104.79	2,078.62	26.18	80.403		
4,800.00	4,736.18	5,147.25	5,054.22	12.50	16.10	-63.83	2,299.83	955.72	2,080.63	2,053.90	26.73	77.846		
4,900.00	4,834.67	5,263.08	5,167.68	12.78	16.48	-64.01	2,278.54	965.09	2,055.52	2,028.21	27.31	75.272		
5,000.00	4,933.16	5,355.83	5,258.53	13.07	16.77	-64.17	2,261.36	972.49	2,030.32	2,002.48	27.84	72.936		
5,100.00	5,031.64	5,443.94	5,344.80	13.35	17.03	-64.30	2,245.20	980.20	2,005.39	1,977.03	28.36	70.713		
5,200.00	5,130.13	5,524.34	5,423.52	13.64	17.27	-64.39	2,230.86	988.03	1,981.07	1,952.19	28.88	68.603		
5,300.00	5,228.62	5,599.18	5,496.82	13.94	17.50	-64.46	2,218.20	996.25	1,957.77	1,928.37	29.39	66.607		
5,400.00	5,327.10	5,675.30	5,571.38	14.23	17.73	-64.50	2,206.08	1,005.60	1,935.55	1,905.63	29.92	64.691		
5,500.00	5,425.59	5,767.05	5,661.26	14.53	18.02	-64.53	2,192.08	1,017.63	1,914.06	1,883.57	30.49	62.778		
5,600.00	5,524.08	5,874.22	5,766.25	14.83	18.38	-64.58	2,175.63	1,031.53	1,892.48	1,861.38	31.10	60.842		
5,700.00	5,622.56	5,964.65	5,854.88	15.13	18.68	-64.62	2,161.70	1,042.82	1,870.81	1,839.12	31.68	59.045		
5,800.00	5,721.05	6,071.80	5,959.95	15.43	19.05	-64.70	2,145.18	1,055.76	1,849.08	1,816.78	32.30	57.246		
5,900.00	5,819.54	6,189.07	6,074.92	15.73	19.46	-64.80	2,126.38	1,069.21	1,826.72	1,793.78	32.94	55.452		
6,000.00	5,918.02	6,307.49	6,190.96	16.03	19.88	-64.97	2,105.85	1,080.87	1,802.89	1,769.32	33.58	53.696		
6,100.00	6,016.51	6,412.77	6,294.24	16.34	20.24	-65.19	2,087.15	1,089.02	1,778.51	1,744.34	34.17	52.053		
6,200.00	6,115.00	6,520.41	6,399.98	16.65	20.60	-65.53	2,067.72	1,094.15	1,753.62	1,718.88	34.74	50.484		
6,300.00	6,213.48	6,630.00	6,734.18	16.95	20.46	-69.23	1,990.14	1,037.69	1,725.77	1,691.52	34.25	50.387		
6,400.00	6,311.97	6,963.19	6,811.03	17.26	21.64	-71.23	1,965.76	994.86	1,687.65	1,652.28	35.36	47.723		
6,500.00	6,410.46	7,012.75	6,848.84	17.57	21.69	-72.55	1,954.23	964.99	1,652.28	1,616.47	35.81	46.138		
6,600.00	6,508.95	7,053.64	6,877.95	17.88	21.71	-73.75	1,945.72	937.58	1,620.62	1,584.34	36.28	44.670		
6,700.00	6,607.69	7,086.00	6,899.53	18.17	21.73	-58.38	1,939.67	914.24	1,593.15	1,556.44	36.71	43.403		
6,800.00	6,707.39	7,120.46	6,921.27	18.34	21.72	44.92	1,933.96	888.12	1,569.25	1,532.18	37.07	42.333		
6,900.00	6,805.96	7,155.91	6,942.51	18.45	21.72	71.72	1,928.93	860.20	1,549.01	1,511.66	37.35	41.478		
7,000.00	6,900.99	7,200.18	6,967.29	18.49	21.71	78.24	1,923.79	823.89	1,532.45	1,494.83	37.62	40.734		
7,100.00	6,990.14	7,254.96	6,994.47	18.49	21.68	80.87	1,918.39	776.65	1,518.94	1,480.99	37.96	40.018		
7,200.00	7,071.20	7,347.74	7,031.11	18.47	21.65	81.46	1,909.92	691.92	1,507.53	1,468.79	38.75	38.909		
7,300.00	7,142.19	7,428.82	7,054.50	18.46	21.63	81.75	1,901.66	614.75	1,496.51	1,456.83	39.68	37.713		
7,400.00	7,201.35	7,503.22	7,070.82	18.48	21.75	81.98	1,894.36	542.55	1,486.65	1,445.88	40.77	36.464		
7,500.00	7,247.23	7,569.39	7,080.18	18.58	22.78	82.21	1,888.26	477.34	1,477.96	1,436.10	41.86	35.309		
7,600.00	7,278.70	7,621.81	7,082.78	18.78	23.73	82.45	1,884.31	425.16	1,471.28	1,428.34	42.94	34.263		
7,700.00	7,294.98	7,693.60	7,080.53	19.08	25.16	82.43	1,880.24	353.53	1,466.54	1,421.97	44.57	32.902		
7,800.00	7,296.21	7,781.38	7,077.10	19.48	27.01	82.56	1,875.93	265.92	1,461.86	1,415.11	46.75	31.271		
7,900.00	7,293.16	7,866.90	7,073.78	20.02	28.92	82.51	1,872.53	180.53	1,457.81	1,408.68	49.13	29.673		
8,000.00	7,290.12	7,973.05	7,069.68	20.67	31.41	82.46	1,869.16	74.51	1,454.58	1,402.37	52.21	27.859		
8,100.00	7,287.08	8,078.38	7,065.68	21.44	33.96	82.40	1,864.26	-30.63	1,449.82	1,394.33	55.48	26.131		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,200.00	7,284.04	8,145.72	7,063.09	22.31	35.64	82.37	1,861.94	-97.88	1,446.40	1,388.42	57.97	24.949		
8,269.20	7,281.93	8,184.68	7,061.64	22.97	36.63	82.35	1,861.58	-136.80	1,445.67	1,386.10	59.57	24.268		
8,300.00	7,281.00	8,209.00	7,060.75	23.26	37.25	82.35	1,861.78	-161.11	1,445.85	1,385.38	60.46	23.913		
8,400.00	7,277.95	8,270.67	7,058.48	24.29	38.84	82.34	1,863.23	-222.72	1,447.88	1,384.88	63.00	22.981		
8,500.00	7,274.91	8,343.47	7,055.75	25.39	40.74	82.33	1,866.32	-295.40	1,451.95	1,386.03	65.92	22.026		
8,600.00	7,271.87	8,423.07	7,053.20	26.55	42.84	82.35	1,871.14	-374.81	1,457.73	1,388.62	69.10	21.094		
8,700.00	7,268.83	8,511.72	7,050.42	27.76	45.20	82.38	1,877.29	-463.21	1,464.41	1,391.78	72.64	20.161		
8,800.00	7,265.79	8,596.24	7,047.89	29.01	47.48	82.42	1,884.02	-547.42	1,472.07	1,395.97	76.11	19.342		
8,900.00	7,262.75	8,690.92	7,044.95	30.31	50.05	82.45	1,892.29	-641.69	1,480.52	1,400.56	79.95	18.517		
9,000.00	7,259.70	8,814.34	7,041.32	31.64	53.44	82.51	1,902.00	-764.67	1,488.06	1,403.28	84.78	17.552		
9,100.00	7,256.66	8,947.67	7,039.52	33.00	57.14	82.63	1,910.63	-897.70	1,494.11	1,404.15	89.97	16.607		
9,200.00	7,253.62	9,093.59	7,037.65	34.38	61.24	82.76	1,916.34	-1,043.50	1,497.71	1,402.16	95.55	15.674		
9,300.00	7,250.58	9,263.48	7,034.07	35.80	66.03	82.81	1,915.54	-1,213.33	1,496.87	1,395.12	101.75	14.711		
9,400.00	7,247.54	9,461.19	7,027.70	37.23	71.59	82.73	1,902.03	-1,410.43	1,489.29	1,380.89	108.39	13.740		
9,500.00	7,244.49	9,635.26	7,021.90	38.68	76.46	82.60	1,881.09	-1,583.09	1,477.18	1,363.04	114.14	12.942		
9,600.00	7,241.45	9,704.00	7,019.61	40.15	78.39	82.55	1,872.31	-1,651.22	1,464.11	1,346.38	117.73	12.437		
9,700.00	7,238.41	9,776.85	7,017.29	41.64	80.45	82.50	1,864.44	-1,723.62	1,452.99	1,331.59	121.41	11.968		
9,800.00	7,235.37	9,925.22	7,013.02	43.14	84.63	82.41	1,846.13	-1,870.77	1,440.51	1,313.86	126.65	11.374		
9,900.00	7,232.33	10,131.87	7,007.55	44.65	90.35	82.23	1,807.98	-2,073.67	1,421.17	1,288.70	132.46	10.729		
10,000.00	7,229.28	10,169.00	7,006.63	46.17	91.37	82.20	1,800.21	-2,109.96	1,401.10	1,265.31	135.80	10.318		
10,100.00	7,226.24	10,227.34	7,005.07	47.70	93.01	82.15	1,790.07	-2,167.39	1,384.26	1,244.89	139.37	9.933		
10,200.00	7,223.20	10,264.00	7,004.05	49.24	94.04	82.12	1,785.50	-2,203.74	1,371.90	1,229.50	142.40	9.634		
10,300.00	7,220.16	10,335.36	7,002.06	50.79	96.09	82.09	1,778.99	-2,274.77	1,362.70	1,216.61	146.10	9.327		
10,400.00	7,217.12	10,395.52	7,000.54	52.35	97.82	82.08	1,775.18	-2,334.79	1,356.18	1,206.72	149.46	9.074		
10,500.00	7,214.08	10,449.00	6,999.55	53.91	99.37	82.10	1,773.46	-2,388.23	1,352.75	1,200.22	152.53	8.869		
10,583.78	7,211.53	10,511.51	6,998.80	55.23	101.18	82.14	1,773.09	-2,450.74	1,351.91	1,196.32	155.59	8.689		
10,600.00	7,211.03	10,522.62	6,998.70	55.48	101.51	82.15	1,773.16	-2,461.85	1,351.95	1,195.80	156.15	8.658		
10,700.00	7,207.99	10,596.54	6,998.20	57.06	103.65	82.23	1,774.63	-2,535.75	1,353.35	1,193.61	159.74	8.472		
10,800.00	7,204.95	10,675.40	6,997.54	58.64	105.95	82.32	1,777.55	-2,614.55	1,356.49	1,193.02	163.47	8.298		
10,900.00	7,201.91	10,758.32	6,997.02	60.22	108.36	82.43	1,781.78	-2,697.36	1,361.00	1,193.67	167.34	8.133		
11,000.00	7,198.87	10,846.49	6,996.34	61.82	110.93	82.54	1,787.26	-2,785.36	1,366.65	1,195.24	171.40	7.973		
11,100.00	7,195.82	10,962.44	6,995.51	63.41	114.30	82.69	1,794.54	-2,901.07	1,372.41	1,195.84	176.57	7.772		
11,200.00	7,192.78	11,096.88	6,994.26	65.01	118.23	82.83	1,799.78	-3,035.41	1,375.74	1,193.34	182.40	7.542		
11,300.00	7,189.74	11,183.12	6,993.78	66.61	120.75	82.94	1,802.55	-3,121.59	1,378.42	1,191.98	186.44	7.393		
11,400.00	7,186.70	11,285.78	6,994.30	68.22	123.75	83.11	1,806.68	-3,224.17	1,381.77	1,190.66	191.11	7.230		
11,500.00	7,183.66	11,447.25	6,995.35	69.83	128.47	83.36	1,808.38	-3,385.61	1,381.86	1,184.08	197.77	6.987		
11,600.00	7,180.62	11,587.08	6,994.98	71.44	132.55	83.50	1,805.51	-3,525.40	1,379.35	1,175.88	203.47	6.779		
11,700.00	7,177.57	11,683.01	6,993.88	73.05	135.35	83.56	1,801.88	-3,621.26	1,375.16	1,167.27	207.89	6.615		
11,800.00	7,174.53	11,750.94	6,992.50	74.67	137.34	83.58	1,800.22	-3,689.15	1,372.40	1,160.91	211.50	6.489		
11,900.00	7,171.49	11,831.48	6,990.57	76.29	139.70	83.60	1,799.80	-3,769.66	1,371.59	1,156.16	215.42	6.367		
11,913.86	7,171.07	11,842.94	6,990.36	76.51	140.03	83.60	1,799.83	-3,781.13	1,371.58	1,155.60	215.98	6.351		
12,000.00	7,168.45	11,913.57	6,989.30	77.91	142.11	83.65	1,800.51	-3,851.74	1,372.06	1,152.68	219.38	6.254		
12,100.00	7,165.41	11,988.84	6,988.33	79.53	144.32	83.71	1,802.25	-3,926.99	1,373.99	1,150.93	223.06	6.160		
12,200.00	7,162.36	12,062.46	6,987.46	81.16	146.48	83.79	1,805.55	-4,000.52	1,377.98	1,151.37	226.61	6.081		
12,300.00	7,159.32	12,152.19	6,986.29	82.79	149.12	83.87	1,810.72	-4,090.10	1,383.30	1,152.52	230.78	5.994		
12,400.00	7,156.28	12,310.20	6,984.53	84.42	153.76	84.03	1,818.19	-4,247.91	1,388.03	1,150.42	237.61	5.842		
12,500.00	7,153.24	12,409.32	6,983.42	86.05	156.67	84.11	1,819.77	-4,347.01	1,389.21	1,147.04	242.17	5.737		
12,600.00	7,150.20	12,577.60	6,981.49	87.68	161.61	84.24	1,818.71	-4,515.26	1,388.14	1,139.27	248.86	5.578		
12,700.00	7,147.16	12,711.52	6,981.05	89.31	165.53	84.36	1,812.85	-4,649.04	1,383.24	1,128.98	254.27	5.440		
12,800.00	7,144.11	12,826.59	6,981.82	90.95	168.88	84.51	1,806.12	-4,763.91	1,376.85	1,117.68	259.17	5.313		
12,900.00	7,141.07	12,937.97	6,982.14	92.58	172.13	84.63	1,798.28	-4,875.01	1,369.29	1,105.34	263.95	5.188		
13,000.00	7,138.03	13,029.51	6,981.03	94.22	174.80	84.67	1,791.53	-4,966.29	1,361.58	1,093.24	268.34	5.074		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											5N-66W-05 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys		Offset Site Error:		0.00 usft
Survey Program:											20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,100.00	7,134.99	13,112.17	6,980.05	95.86	177.21	84.72	1,786.32	-5,048.78	1,354.92	1,082.37	272.54	4.971			
13,200.00	7,131.95	13,222.41	6,978.60	97.50	180.43	84.77	1,780.30	-5,158.85	1,349.16	1,071.84	277.32	4.865			
13,300.00	7,128.90	13,337.81	6,977.07	99.14	183.79	84.82	1,771.97	-5,273.94	1,341.57	1,059.41	282.16	4.755			
13,400.00	7,125.86	13,419.86	6,975.95	100.79	186.19	84.86	1,766.24	-5,355.78	1,334.25	1,047.87	286.38	4.659			
13,500.00	7,122.82	13,477.77	6,975.21	102.43	187.88	84.89	1,763.35	-5,413.61	1,329.03	1,039.06	289.97	4.583			
13,597.18	7,119.86	13,529.00	6,974.59	104.03	189.39	84.93	1,762.69	-5,464.83	1,327.38	1,034.35	293.03	4.530			
13,600.00	7,119.78	13,529.00	6,974.59	104.07	189.39	84.93	1,762.69	-5,464.83	1,327.38	1,034.32	293.06	4.529			
13,700.00	7,116.74	13,587.26	6,973.93	105.72	191.11	84.98	1,763.93	-5,523.07	1,329.14	1,033.06	296.08	4.489			
13,800.00	7,113.69	13,689.32	6,972.89	107.36	194.11	85.09	1,768.73	-5,625.01	1,333.46	1,032.67	300.79	4.433			
13,900.00	7,110.65	13,792.74	6,971.87	109.01	197.16	85.19	1,771.91	-5,728.37	1,336.12	1,030.56	305.56	4.373			
14,000.00	7,107.61	13,870.46	6,971.12	110.66	199.46	85.27	1,775.08	-5,806.02	1,339.81	1,030.57	309.23	4.333			
14,100.00	7,104.57	13,964.84	6,970.11	112.31	202.24	85.36	1,780.29	-5,900.26	1,344.92	1,031.30	313.62	4.288			
14,200.00	7,101.53	14,065.97	6,969.07	113.96	205.23	85.47	1,785.64	-6,001.24	1,349.81	1,031.51	318.30	4.241			
14,300.00	7,098.49	14,217.58	6,967.13	115.60	209.70	85.60	1,790.83	-6,152.73	1,352.89	1,027.85	325.05	4.162			
14,400.00	7,095.44	14,341.72	6,965.56	117.25	213.36	85.69	1,791.54	-6,276.86	1,353.11	1,022.61	330.50	4.094			
14,500.00	7,092.40	14,522.73	6,963.33	118.91	218.68	85.81	1,786.38	-6,457.75	1,350.29	1,013.18	337.11	4.006			
14,600.00	7,089.36	14,624.68	6,962.15	120.56	221.66	85.87	1,779.11	-6,559.44	1,342.81	1,001.08	341.72	3.930			
14,700.00	7,086.32	14,728.35	6,960.92	122.21	224.69	85.93	1,772.52	-6,662.89	1,336.13	989.76	346.36	3.858			
14,800.00	7,083.28	14,853.56	6,959.32	123.86	228.34	86.00	1,762.86	-6,787.71	1,328.10	976.83	351.27	3.781			
14,900.00	7,080.23	14,922.74	6,958.39	125.51	230.36	86.03	1,757.91	-6,856.71	1,320.50	965.08	355.42	3.715			
15,000.00	7,077.19	15,080.69	6,956.48	127.17	234.96	86.12	1,745.38	-7,014.14	1,312.63	952.03	360.60	3.640			
15,100.00	7,074.15	15,190.00	6,955.81	128.82	238.12	86.20	1,732.38	-7,122.67	1,300.32	935.15	365.17	3.561			
15,200.00	7,071.11	15,270.58	6,955.27	130.48	240.45	86.25	1,723.61	-7,202.77	1,289.09	919.45	369.64	3.487			
15,300.00	7,068.07	15,354.28	6,954.68	132.13	242.88	86.32	1,715.74	-7,286.10	1,279.32	905.23	374.09	3.420			
15,400.00	7,065.03	15,437.14	6,954.25	133.79	245.30	86.39	1,708.85	-7,368.66	1,270.66	892.17	378.49	3.357			
15,500.00	7,061.98	15,570.00	6,953.51	135.44	250.11	86.51	1,697.70	-7,501.04	1,262.06	877.76	384.30	3.284			
15,600.00	7,058.94	15,570.00	6,953.51	137.10	250.11	86.51	1,697.70	-7,501.04	1,255.47	868.24	387.24	3.242			
15,632.94	7,057.94	15,570.00	6,953.51	137.64	250.11	86.51	1,697.70	-7,501.04	1,255.04	867.35	387.69	3.237 CC, ES			
15,665.20	7,056.96	15,570.00	6,953.51	138.18	250.11	86.51	1,697.70	-7,501.04	1,255.46	867.58	387.88	3.237 SF			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)											Offset Site Error:		0.00 usft		
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	1.65	589.08	16.98	589.57						
100.00	100.00	88.46	88.46	3.28	3.28	1.64	588.67	16.90	588.94	581.58	7.36	80.067			
189.61	189.61	172.61	172.61	3.30	3.29	1.62	588.18	16.66	588.42	581.03	7.38	79.688			
200.00	200.00	182.19	182.19	3.31	3.29	1.62	588.19	16.62	588.42	581.03	7.39	79.634			
300.00	300.00	280.90	280.89	3.35	3.32	-67.65	588.55	16.39	588.61	581.15	7.46	78.926			
400.00	399.93	379.50	379.49	3.41	3.36	-67.99	588.99	16.31	587.74	580.18	7.56	77.751			
500.00	499.68	479.39	479.38	3.50	3.41	-68.70	589.60	15.91	585.77	578.07	7.70	76.089			
600.00	599.13	580.03	580.02	3.62	3.47	-69.76	590.07	15.57	582.52	574.64	7.88	73.948			
700.00	698.15	676.68	676.67	3.76	3.55	-71.15	590.55	14.91	578.33	570.24	8.09	71.445			
800.00	796.71	774.83	774.81	3.94	3.63	-72.77	591.40	14.78	573.91	565.55	8.36	68.661			
900.00	895.20	872.68	872.66	4.14	3.73	-74.44	592.24	14.33	569.85	561.19	8.66	65.797			
1,000.00	993.68	969.51	969.47	4.37	3.83	-76.17	593.22	13.37	566.51	557.52	8.99	62.982			
1,100.00	1,092.17	1,065.80	1,065.75	4.62	3.95	-77.89	594.51	12.48	564.04	554.69	9.36	60.276			
1,200.00	1,190.66	1,162.72	1,162.65	4.89	4.07	-79.63	596.16	11.50	562.49	552.74	9.75	57.710			
1,300.00	1,289.14	1,261.95	1,261.87	5.17	4.20	-81.38	598.02	10.92	561.56	551.40	10.16	55.265			
1,400.00	1,387.63	1,359.38	1,359.28	5.47	4.33	-83.17	599.58	9.76	561.06	550.47	10.59	52.974			
1,403.93	1,391.50	1,363.16	1,363.05	5.48	4.34	-83.24	599.66	9.73	561.06	550.46	10.61	52.888			
1,500.00	1,486.12	1,457.32	1,457.19	5.77	4.47	-84.90	601.59	9.14	561.41	550.37	11.04	50.860			
1,600.00	1,584.60	1,558.27	1,558.12	6.09	4.63	-86.75	603.30	7.92	562.13	550.63	11.50	48.865			
1,700.00	1,683.09	1,660.87	1,660.71	6.41	4.79	-88.69	604.18	6.24	562.78	550.80	11.98	46.970			
1,800.00	1,781.58	1,758.90	1,758.71	6.74	4.94	-90.62	604.24	4.06	563.53	551.07	12.46	45.225			
1,900.00	1,880.06	1,852.48	1,852.26	6.92	5.10	-92.45	604.76	1.86	565.45	552.87	12.58	44.955			
2,000.00	1,978.55	1,946.85	1,946.59	6.96	5.25	-94.25	606.18	-0.41	568.87	556.10	12.77	44.555			
2,100.00	2,077.04	2,043.80	2,043.50	7.01	5.42	-96.05	608.06	-2.70	573.27	560.29	12.98	44.163			
2,200.00	2,175.52	2,141.52	2,141.17	7.08	5.59	-97.77	610.39	-4.46	578.38	565.17	13.21	43.773			
2,300.00	2,274.01	2,241.24	2,240.85	7.17	5.77	-99.43	613.13	-5.65	584.03	570.56	13.47	43.370			
2,400.00	2,372.50	2,341.66	2,341.23	7.27	5.95	-100.99	615.88	-5.94	589.67	575.94	13.74	42.927			
2,500.00	2,470.99	2,438.28	2,437.81	7.38	6.12	-102.43	618.77	-5.96	595.80	581.78	14.01	42.516			
2,600.00	2,569.47	2,535.57	2,535.05	7.51	6.30	-103.91	621.64	-6.80	602.76	588.46	14.31	42.136			
2,700.00	2,667.96	2,634.85	2,634.28	7.65	6.49	-105.33	624.81	-6.97	609.93	595.31	14.61	41.734			
2,800.00	2,766.45	2,730.47	2,729.84	7.81	6.67	-106.66	628.12	-7.36	617.80	602.87	14.93	41.385			
2,900.00	2,864.93	2,827.34	2,826.64	7.97	6.85	-107.99	631.65	-8.01	626.35	611.09	15.26	41.056			
3,000.00	2,963.42	2,923.21	2,922.44	8.15	7.04	-109.31	635.14	-9.17	635.57	619.98	15.59	40.764			
3,100.00	3,061.91	3,017.85	3,017.00	8.33	7.22	-110.60	638.74	-10.88	645.65	629.72	15.93	40.521			
3,200.00	3,160.39	3,112.59	3,111.63	8.53	7.40	-111.87	642.57	-13.17	656.66	640.37	16.28	40.323			
3,300.00	3,258.88	3,209.98	3,208.90	8.73	7.60	-113.14	646.75	-15.70	668.32	651.67	16.65	40.136			
3,400.00	3,357.37	3,308.40	3,307.19	8.94	7.79	-114.33	651.34	-17.95	680.34	663.31	17.03	39.951			
3,500.00	3,455.85	3,403.91	3,402.57	9.16	7.98	-115.50	655.55	-20.66	692.86	675.45	17.41	39.805			
3,600.00	3,554.34	3,506.91	3,505.44	9.39	8.18	-116.76	659.53	-23.83	705.50	687.69	17.81	39.614			
3,700.00	3,652.83	3,610.28	3,608.72	9.62	8.39	-117.97	663.07	-26.44	717.74	699.52	18.22	39.393			
3,800.00	3,751.31	3,709.24	3,707.59	9.86	8.59	-119.07	666.49	-28.41	729.89	711.27	18.63	39.188			
3,900.00	3,849.80	3,805.01	3,803.29	10.10	8.78	-120.13	669.51	-30.72	742.43	723.40	19.03	39.018			
4,000.00	3,948.29	3,905.42	3,903.63	10.35	8.99	-121.25	672.25	-33.45	755.21	735.77	19.45	38.835			
4,100.00	4,046.77	4,001.20	3,999.34	10.61	9.18	-122.32	674.41	-36.40	768.29	748.43	19.86	38.689			
4,200.00	4,145.26	4,098.34	4,096.39	10.86	9.38	-123.45	675.90	-40.13	781.83	761.55	20.27	38.561			
4,300.00	4,243.75	4,189.40	4,187.35	11.13	9.56	-124.49	677.39	-44.09	796.14	775.46	20.68	38.499			
4,400.00	4,342.23	4,287.45	4,285.28	11.39	9.76	-125.53	679.62	-48.48	811.18	790.08	21.11	38.430			
4,500.00	4,440.72	4,386.74	4,384.45	11.66	9.97	-126.53	682.00	-52.66	826.33	804.79	21.55	38.354			
4,600.00	4,539.21	4,484.73	4,482.34	11.94	10.17	-127.45	684.81	-56.39	841.61	819.62	21.98	38.285			
4,700.00	4,637.70	4,590.84	4,588.34	12.22	10.39	-128.33	688.52	-59.52	856.69	834.24	22.45	38.162			
4,800.00	4,736.18	4,690.95	4,688.36	12.50	10.60	-129.11	691.96	-61.73	871.25	848.35	22.90	38.044			
4,900.00	4,834.67	4,793.01	4,790.34	12.78	10.81	-129.88	695.33	-63.74	885.70	862.34	23.36	37.913			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,933.16	4,891.08	4,888.34	13.07	11.01	-130.59	698.60	-65.40	900.07	876.26	23.81	37.796		
5,100.00	5,031.64	4,989.01	4,986.20	13.35	11.22	-131.27	701.99	-67.06	914.63	890.36	24.27	37.687		
5,200.00	5,130.13	5,090.47	5,087.59	13.64	11.43	-131.96	705.26	-68.75	929.18	904.45	24.74	37.564		
5,300.00	5,228.62	5,183.39	5,180.45	13.94	11.62	-132.58	708.13	-70.42	943.92	918.74	25.18	37.484		
5,400.00	5,327.10	5,280.60	5,277.59	14.23	11.83	-133.23	711.07	-72.67	959.20	933.56	25.64	37.408		
5,500.00	5,425.59	5,377.97	5,374.91	14.53	12.03	-133.94	712.88	-75.49	974.65	948.55	26.10	37.340		
5,600.00	5,524.08	5,472.70	5,469.58	14.83	12.23	-134.65	714.10	-78.67	990.44	963.88	26.56	37.296		
5,700.00	5,622.56	5,564.48	5,561.28	15.13	12.42	-135.29	715.73	-82.02	1,006.83	979.83	27.00	37.285		
5,800.00	5,721.05	5,657.75	5,654.45	15.43	12.61	-135.94	717.48	-86.02	1,023.96	996.51	27.46	37.293		
5,900.00	5,819.54	5,751.96	5,748.54	15.73	12.81	-136.55	719.60	-90.24	1,041.55	1,013.64	27.92	37.310		
6,000.00	5,918.02	5,849.84	5,846.28	16.03	13.02	-137.19	721.61	-95.00	1,059.55	1,031.16	28.39	37.324		
6,100.00	6,016.51	5,949.93	5,946.25	16.34	13.23	-137.84	723.17	-99.77	1,077.39	1,048.52	28.87	37.323		
6,200.00	6,115.00	6,046.84	6,043.03	16.65	13.43	-138.47	724.46	-104.41	1,095.32	1,065.99	29.34	37.335		
6,300.00	6,213.48	6,141.64	6,137.71	16.95	13.63	-139.07	725.46	-109.21	1,113.54	1,083.73	29.80	37.363		
6,400.00	6,311.97	6,235.04	6,230.96	17.26	13.83	-139.63	726.95	-114.10	1,132.20	1,101.94	30.27	37.408		
6,500.00	6,410.46	6,328.88	6,324.64	17.57	14.03	-140.18	728.43	-119.38	1,151.34	1,120.61	30.73	37.463		
6,600.00	6,508.95	6,426.91	6,422.50	17.88	14.23	-140.73	730.27	-125.01	1,170.79	1,139.57	31.21	37.508		
6,700.00	6,607.69	6,529.60	6,525.02	18.17	14.45	-126.33	731.44	-130.69	1,188.14	1,156.45	31.69	37.491		
6,800.00	6,707.39	6,625.31	6,620.58	18.34	14.65	-24.69	732.19	-136.15	1,192.66	1,160.60	32.06	37.196		
6,900.00	6,805.96	6,721.28	6,716.36	18.45	14.86	1.37	733.91	-141.67	1,182.54	1,150.15	32.39	36.512		
7,000.00	6,900.99	6,817.94	6,812.84	18.49	15.06	8.30	736.80	-147.00	1,157.77	1,125.10	32.67	35.440		
7,100.00	6,990.14	6,910.72	6,905.42	18.49	15.26	12.62	740.49	-151.84	1,118.91	1,086.01	32.90	34.009		
7,200.00	7,071.20	7,007.55	7,002.07	18.47	15.47	17.05	744.65	-156.06	1,066.44	1,033.32	33.13	32.194		
7,300.00	7,142.19	7,088.19	7,082.57	18.46	15.64	22.70	748.47	-158.66	1,001.85	968.56	33.29	30.094		
7,400.00	7,201.35	7,158.98	7,153.25	18.48	15.79	30.98	752.09	-160.22	927.31	893.88	33.43	27.735		
7,500.00	7,247.23	7,213.52	7,207.73	18.58	15.91	43.27	754.72	-160.92	845.29	811.73	33.55	25.191		
7,600.00	7,278.70	7,244.34	7,238.51	18.78	15.97	59.35	756.20	-161.27	758.98	725.34	33.64	22.561		
7,700.00	7,294.98	7,261.74	7,255.89	19.08	16.01	77.46	757.02	-161.46	671.51	637.74	33.77	19.883		
7,800.00	7,296.21	7,264.08	7,258.22	19.48	16.01	88.92	757.14	-161.48	586.37	552.37	34.00	17.248		
7,900.00	7,293.16	7,262.14	7,256.29	20.02	16.01	88.58	757.04	-161.46	506.62	472.18	34.44	14.712		
8,000.00	7,290.12	7,260.20	7,254.35	20.67	16.00	88.24	756.95	-161.44	435.31	400.06	35.24	12.351		
8,100.00	7,287.08	7,258.26	7,252.41	21.44	16.00	87.90	756.86	-161.42	377.25	340.69	36.56	10.319		
8,200.00	7,284.04	7,256.32	7,250.47	22.31	15.99	87.56	756.77	-161.40	339.31	301.04	38.27	8.866		
8,285.98	7,281.42	7,254.65	7,248.80	23.13	15.99	87.27	756.69	-161.38	328.24	288.63	39.61	8.286 CC, ES		
8,300.00	7,281.00	7,254.38	7,248.53	23.26	15.99	87.22	756.67	-161.38	328.54	288.76	39.77	8.260 SF		
8,400.00	7,277.95	7,252.43	7,246.59	24.29	15.99	86.88	756.58	-161.36	347.47	307.07	40.41	8.600		
8,500.00	7,274.91	7,250.49	7,244.65	25.39	15.98	86.55	756.49	-161.33	391.83	351.63	40.20	9.748		
8,600.00	7,271.87	7,248.55	7,242.71	26.55	15.98	86.21	756.40	-161.31	454.22	414.62	39.60	11.469		
8,700.00	7,268.83	7,246.61	7,240.78	27.76	15.97	85.87	756.30	-161.29	528.29	489.33	38.96	13.559		
8,800.00	7,265.79	7,244.67	7,238.84	29.01	15.97	85.53	756.21	-161.27	609.81	571.41	38.39	15.883		
8,900.00	7,262.75	7,242.73	7,236.90	30.31	15.97	85.19	756.12	-161.25	696.15	658.22	37.93	18.355		
9,000.00	7,259.70	7,240.79	7,234.96	31.64	15.96	84.85	756.03	-161.23	785.74	748.18	37.55	20.923		
9,100.00	7,256.66	7,238.85	7,233.02	33.00	15.96	84.52	755.93	-161.21	877.57	840.31	37.25	23.556		
9,200.00	7,253.62	7,236.91	7,231.08	34.38	15.95	84.18	755.84	-161.19	971.01	934.00	37.01	26.233		
9,300.00	7,250.58	7,234.97	7,229.14	35.80	15.95	83.84	755.75	-161.17	1,065.65	1,028.82	36.82	28.941		
9,400.00	7,247.54	7,233.02	7,227.21	37.23	15.95	83.50	755.66	-161.14	1,161.17	1,124.51	36.67	31.669		
9,500.00	7,244.49	7,231.08	7,225.27	38.68	15.94	83.17	755.56	-161.12	1,257.39	1,220.86	36.54	34.412		
9,600.00	7,241.45	7,229.14	7,223.33	40.15	15.94	82.83	755.47	-161.10	1,354.16	1,317.72	36.44	37.165		
9,700.00	7,238.41	7,227.20	7,221.39	41.64	15.93	82.49	755.38	-161.08	1,451.36	1,415.01	36.35	39.923		
9,800.00	7,235.37	7,225.26	7,219.45	43.14	15.93	82.16	755.29	-161.06	1,548.92	1,512.63	36.29	42.684		
9,900.00	7,232.33	7,223.32	7,217.51	44.65	15.93	81.82	755.19	-161.04	1,646.76	1,610.53	36.24	45.446		
10,000.00	7,229.28	7,221.38	7,215.57	46.17	15.92	81.48	755.10	-161.02	1,744.85	1,708.66	36.19	48.207		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)											Offset Site Error:	0.00 usft
Survey Program:	100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,226.24	7,219.44	7,213.63	47.70	15.92	81.15	755.01	-161.00	1,843.15	1,806.98	36.16	50.966	
10,200.00	7,223.20	7,217.50	7,211.70	49.24	15.91	80.81	754.92	-160.98	1,941.61	1,905.47	36.14	53.720	
10,300.00	7,220.16	7,215.56	7,209.76	50.79	15.91	80.48	754.82	-160.95	2,040.22	2,004.09	36.13	56.470	
10,400.00	7,217.12	7,213.61	7,207.82	52.35	15.91	80.15	754.73	-160.93	2,138.96	2,102.84	36.12	59.214	
10,500.00	7,214.08	7,211.67	7,205.88	53.91	15.90	79.81	754.64	-160.91	2,237.81	2,201.69	36.12	61.951	
10,600.00	7,211.03	7,209.73	7,203.94	55.48	15.90	79.48	754.55	-160.89	2,336.76	2,300.63	36.13	64.681	
10,700.00	7,207.99	7,207.79	7,202.00	57.06	15.89	79.15	754.45	-160.87	2,435.79	2,399.65	36.14	67.403	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,400.00	3,357.37	4,419.00	4,183.17	8.94	17.98	-100.29	2,234.78	-597.06	2,481.72	2,457.56	24.15	102.750		
3,500.00	3,455.85	4,481.47	4,240.29	9.16	18.29	-100.89	2,209.54	-598.80	2,448.98	2,424.28	24.70	99.139		
3,600.00	3,554.34	4,539.74	4,293.79	9.39	18.59	-101.45	2,186.52	-600.66	2,417.73	2,392.48	25.25	95.748		
3,700.00	3,652.83	4,600.00	4,349.36	9.62	18.89	-102.04	2,163.34	-603.03	2,388.18	2,362.36	25.81	92.515		
3,800.00	3,751.31	4,646.78	4,392.71	9.86	19.12	-102.51	2,145.89	-605.20	2,360.48	2,334.14	26.35	89.598		
3,900.00	3,849.80	4,700.00	4,442.31	10.10	19.38	-103.04	2,126.80	-608.01	2,334.85	2,307.95	26.90	86.797		
4,000.00	3,948.29	4,764.99	4,503.18	10.35	19.68	-103.70	2,104.31	-611.56	2,311.00	2,283.51	27.49	84.054		
4,100.00	4,046.77	4,833.23	4,567.37	10.61	20.00	-104.37	2,081.46	-615.08	2,288.58	2,260.48	28.10	81.440		
4,200.00	4,145.26	4,901.27	4,631.73	10.86	20.32	-105.04	2,059.60	-618.25	2,267.67	2,238.96	28.71	78.985		
4,300.00	4,243.75	4,985.05	4,711.29	11.13	20.69	-105.85	2,033.57	-621.71	2,247.93	2,218.57	29.37	76.544		
4,400.00	4,342.23	5,055.48	4,778.38	11.39	21.00	-106.53	2,012.30	-624.33	2,229.31	2,199.32	29.99	74.347		
4,500.00	4,440.72	5,125.71	4,845.56	11.66	21.31	-107.19	1,991.98	-626.92	2,212.22	2,181.61	30.60	72.288		
4,600.00	4,539.21	5,200.00	4,916.85	11.94	21.63	-107.89	1,971.26	-629.58	2,196.48	2,165.24	31.23	70.323		
4,700.00	4,637.70	5,264.07	4,978.61	12.22	21.89	-108.48	1,954.34	-631.68	2,182.28	2,150.45	31.83	68.570		
4,800.00	4,736.18	5,328.08	5,040.64	12.50	22.15	-109.05	1,938.68	-633.49	2,169.85	2,137.44	32.41	66.948		
4,900.00	4,834.67	5,400.00	5,110.68	12.78	22.43	-109.67	1,922.45	-635.42	2,159.22	2,126.21	33.02	65.398		
5,000.00	4,933.16	5,457.93	5,167.32	13.07	22.65	-110.16	1,910.38	-636.97	2,150.31	2,116.74	33.57	64.063		
5,100.00	5,031.64	5,523.98	5,232.10	13.35	22.89	-110.70	1,897.64	-638.76	2,143.13	2,108.99	34.14	62.783		
5,200.00	5,130.13	5,589.97	5,297.04	13.64	23.12	-111.22	1,886.01	-640.62	2,137.67	2,102.97	34.70	61.608		
5,300.00	5,228.62	5,658.64	5,364.80	13.94	23.36	-111.75	1,875.05	-642.62	2,133.87	2,098.61	35.26	60.519		
5,400.00	5,327.10	5,728.92	5,434.33	14.23	23.59	-112.27	1,865.01	-644.64	2,131.63	2,095.81	35.82	59.510		
5,500.00	5,425.59	5,800.00	5,504.79	14.53	23.82	-112.78	1,855.96	-646.71	2,130.87	2,094.50	36.37	58.582		
5,500.22	5,425.80	5,800.00	5,504.79	14.53	23.82	-112.78	1,855.96	-646.71	2,130.87	2,094.50	36.37	58.581		
5,600.00	5,524.08	5,869.40	5,573.73	14.83	24.04	-113.26	1,848.25	-648.75	2,131.62	2,094.71	36.91	57.751		
5,700.00	5,622.56	5,954.03	5,657.96	15.13	24.29	-113.81	1,840.29	-651.13	2,133.73	2,096.24	37.50	56.903		
5,800.00	5,721.05	6,044.07	5,747.64	15.43	24.56	-114.37	1,832.57	-653.12	2,136.32	2,098.22	38.10	56.072		
5,900.00	5,819.54	6,126.36	5,829.64	15.73	24.80	-114.88	1,825.95	-655.18	2,139.72	2,101.05	38.67	55.334		
6,000.00	5,918.02	6,200.00	5,903.01	16.03	25.02	-115.35	1,820.18	-657.65	2,144.13	2,104.93	39.20	54.692		
6,100.00	6,016.51	6,274.71	5,977.46	16.34	25.23	-115.82	1,814.81	-660.79	2,149.84	2,110.10	39.74	54.102		
6,200.00	6,115.00	6,352.86	6,055.37	16.65	25.44	-116.30	1,810.05	-664.58	2,156.93	2,116.66	40.28	53.555		
6,300.00	6,213.48	6,536.60	6,238.76	16.95	25.83	-117.24	1,801.43	-665.27	2,161.34	2,120.26	41.08	52.613		
6,400.00	6,311.97	6,600.00	6,302.12	17.26	25.88	-117.45	1,801.92	-663.27	2,166.98	2,125.56	41.42	52.317		
6,500.00	6,410.46	6,630.25	6,332.35	17.57	25.86	-117.54	1,802.93	-662.61	2,174.59	2,132.94	41.66	52.202		
6,600.00	6,508.95	6,715.88	6,417.91	17.88	25.83	-117.80	1,805.91	-661.10	2,183.70	2,141.77	41.93	52.083		
6,700.00	6,607.69	6,800.00	6,501.97	18.17	25.80	-103.08	1,808.99	-660.07	2,191.99	2,149.81	42.17	51.977		
6,800.00	6,707.39	6,852.12	6,554.04	18.34	25.78	-0.99	1,811.39	-659.99	2,191.37	2,149.10	42.27	51.841		
6,900.00	6,805.96	6,910.26	6,612.04	18.45	25.76	25.64	1,815.13	-660.87	2,181.11	2,138.83	42.29	51.580		
7,000.00	6,900.99	7,164.54	6,866.18	18.49	26.00	34.39	1,820.53	-663.26	2,155.97	2,113.14	42.83	50.335		
7,100.00	6,990.14	7,269.90	6,971.51	18.49	26.18	40.50	1,818.79	-661.97	2,116.83	2,073.82	43.01	49.216		
7,200.00	7,071.20	7,350.08	7,051.67	18.47	26.47	46.66	1,817.40	-660.91	2,068.53	2,025.31	43.23	47.855		
7,300.00	7,142.19	7,420.04	7,121.61	18.46	26.89	53.72	1,816.18	-659.98	2,012.83	1,969.28	43.55	46.220		
7,400.00	7,201.35	7,478.05	7,179.61	18.48	27.43	61.83	1,815.18	-659.22	1,951.71	1,907.73	43.98	44.377		
7,500.00	7,247.23	7,522.69	7,224.24	18.58	27.93	70.68	1,814.41	-658.62	1,887.38	1,842.99	44.39	42.519		
7,600.00	7,278.70	7,552.85	7,254.39	18.78	28.34	79.58	1,813.88	-658.22	1,822.19	1,777.46	44.72	40.744		
7,700.00	7,294.98	7,567.80	7,269.34	19.08	28.53	87.71	1,813.62	-658.03	1,758.49	1,713.59	44.90	39.165		
7,800.00	7,296.21	7,567.69	7,269.23	19.48	28.53	92.77	1,813.63	-658.03	1,698.46	1,653.52	44.94	37.795		
7,900.00	7,293.16	7,563.32	7,264.86	20.02	28.47	92.59	1,813.70	-658.09	1,642.63	1,597.58	45.05	36.464		
8,000.00	7,290.12	7,558.96	7,260.50	20.67	28.42	92.41	1,813.78	-658.14	1,591.11	1,545.81	45.30	35.121		
8,100.00	7,287.08	7,554.59	7,256.13	21.44	28.36	92.23	1,813.85	-658.20	1,544.35	1,498.63	45.72	33.781		
8,200.00	7,284.04	7,550.22	7,251.76	22.31	28.30	92.05	1,813.93	-658.26	1,502.78	1,456.49	46.29	32.465		
8,300.00	7,281.00	7,545.85	7,247.39	23.26	28.24	91.87	1,814.00	-658.32	1,466.84	1,419.83	47.02	31.199		
8,400.00	7,277.95	7,541.48	7,243.03	24.29	28.18	91.69	1,814.08	-658.37	1,436.97	1,389.09	47.89	30.008		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2" CONE_2.448												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,500.00	7,274.91	7,537.11	7,238.66	25.39	28.13	91.51	1,814.16	-658.43	1,413.54	1,364.67	48.88	28.919	
8,600.00	7,271.87	7,532.74	7,234.29	26.55	28.07	91.33	1,814.23	-658.49	1,396.88	1,346.92	49.97	27.955	
8,700.00	7,268.83	7,528.37	7,229.92	27.76	28.01	91.15	1,814.31	-658.55	1,387.24	1,336.11	51.13	27.133	
8,784.55	7,266.26	7,524.68	7,226.23	28.82	27.96	90.99	1,814.37	-658.60	1,384.66	1,332.52	52.14	26.556 CC	
8,800.00	7,265.79	7,524.00	7,225.55	29.01	27.95	90.96	1,814.38	-658.61	1,384.75	1,332.43	52.32	26.465 ES	
8,900.00	7,262.75	7,519.63	7,221.19	30.31	27.89	90.78	1,814.46	-658.66	1,389.46	1,335.93	53.53	25.959	
9,000.00	7,259.70	7,515.27	7,216.82	31.64	27.84	90.60	1,814.53	-658.72	1,401.29	1,346.59	54.70	25.616	
9,100.00	7,256.66	7,510.90	7,212.45	33.00	27.78	90.42	1,814.61	-658.78	1,420.07	1,364.24	55.83	25.435	
9,200.00	7,253.62	7,506.53	7,208.08	34.38	27.72	90.24	1,814.69	-658.84	1,445.53	1,388.64	56.89	25.409 SF	
9,300.00	7,250.58	7,502.16	7,203.71	35.80	27.66	90.06	1,814.76	-658.90	1,477.32	1,419.46	57.86	25.532	
9,400.00	7,247.54	7,502.21	7,199.35	37.23	27.66	89.88	1,814.84	-658.95	1,515.04	1,456.23	58.81	25.763	
9,500.00	7,244.49	7,506.58	7,194.98	38.68	27.72	89.70	1,814.91	-659.01	1,558.26	1,498.54	59.72	26.093	
9,600.00	7,241.45	7,489.05	7,190.61	40.15	27.53	89.52	1,814.99	-659.07	1,606.54	1,546.31	60.24	26.670	
9,700.00	7,238.41	7,484.68	7,186.24	41.64	27.49	89.34	1,815.06	-659.13	1,659.44	1,598.61	60.84	27.277	
9,800.00	7,235.37	7,480.31	7,181.87	43.14	27.45	89.16	1,815.14	-659.19	1,716.53	1,655.18	61.34	27.982	
9,900.00	7,232.33	7,475.94	7,177.51	44.65	27.41	88.98	1,815.22	-659.24	1,777.40	1,715.63	61.77	28.774	
10,000.00	7,229.28	7,471.58	7,173.14	46.17	27.37	88.80	1,815.29	-659.30	1,841.68	1,779.56	62.12	29.645	
10,100.00	7,226.24	7,467.21	7,168.77	47.70	27.33	88.62	1,815.37	-659.36	1,909.03	1,846.62	62.41	30.587	
10,200.00	7,223.20	7,462.84	7,164.40	49.24	27.29	88.44	1,815.44	-659.42	1,979.13	1,916.49	62.64	31.593	
10,300.00	7,220.16	7,458.47	7,160.03	50.79	27.25	88.26	1,815.52	-659.47	2,051.71	1,988.88	62.83	32.656	
10,400.00	7,217.12	7,454.10	7,155.67	52.35	27.21	88.08	1,815.59	-659.53	2,126.50	2,063.53	62.97	33.771	
10,500.00	7,214.08	7,449.73	7,151.30	53.91	27.17	87.90	1,815.67	-659.59	2,203.28	2,140.21	63.08	34.931	
10,600.00	7,211.03	7,445.36	7,146.93	55.48	27.13	87.72	1,815.75	-659.65	2,281.86	2,218.70	63.15	36.133	
10,700.00	7,207.99	7,440.99	7,142.56	57.06	27.09	87.54	1,815.82	-659.71	2,362.04	2,298.84	63.20	37.372	
10,800.00	7,204.95	7,436.62	7,138.19	58.64	27.05	87.36	1,815.90	-659.76	2,443.68	2,380.45	63.24	38.644	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (			Offset Site Error:		0.00 usft
Survey Program:											100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
3,000.00	2,963.42	3,000.00	3,945.19	8.15	11.94	-77.90	2,392.16	252.27	2,475.29	2,456.93	18.36	134.842				
3,100.00	3,061.91	4,264.37	4,000.13	8.33	18.57	-77.95	2,367.41	263.58	2,429.41	2,406.11	23.30	104.271				
3,200.00	3,160.39	4,338.16	4,066.65	8.53	18.97	-77.99	2,338.77	277.71	2,384.79	2,361.00	23.79	100.248				
3,300.00	3,258.88	4,496.22	4,208.09	8.73	19.83	-78.05	2,275.89	309.65	2,339.33	2,314.86	24.47	95.582				
3,400.00	3,357.37	4,558.54	4,263.49	8.94	20.17	-78.07	2,250.43	322.54	2,292.59	2,267.62	24.97	91.829				
3,500.00	3,455.85	4,698.13	4,387.68	9.16	20.95	-78.10	2,193.80	351.77	2,246.46	2,220.84	25.62	87.677				
3,600.00	3,554.34	4,745.26	4,429.33	9.39	21.21	-78.10	2,174.29	362.06	2,199.05	2,172.94	26.11	84.237				
3,700.00	3,652.83	4,800.00	4,478.16	9.62	21.52	-78.09	2,152.74	374.20	2,153.38	2,126.76	26.61	80.922				
3,800.00	3,751.31	4,846.96	4,520.37	9.86	21.77	-78.07	2,135.03	384.70	2,109.27	2,082.16	27.10	77.826				
3,900.00	3,849.80	4,907.04	4,574.70	10.10	22.10	-78.06	2,113.17	398.09	2,066.59	2,038.96	27.63	74.803				
4,000.00	3,948.29	4,993.62	4,653.38	10.35	22.55	-78.05	2,082.15	416.60	2,024.62	1,996.40	28.21	71.760				
4,100.00	4,046.77	5,117.55	4,765.88	10.61	23.21	-78.11	2,036.37	441.28	1,981.71	1,952.83	28.87	68.637				
4,200.00	4,145.26	5,184.17	4,826.40	10.86	23.56	-78.16	2,011.70	454.14	1,938.86	1,909.45	29.42	65.909				
4,300.00	4,243.75	5,249.57	4,886.16	11.13	23.90	-78.21	1,988.22	466.61	1,897.16	1,867.20	29.96	63.320				
4,400.00	4,342.23	5,300.00	4,932.48	11.39	24.16	-78.25	1,970.66	476.02	1,856.79	1,826.31	30.47	60.928				
4,500.00	4,440.72	5,342.43	4,971.88	11.66	24.37	-78.30	1,956.81	483.56	1,818.73	1,787.77	30.96	58.747				
4,600.00	4,539.21	5,400.00	5,026.26	11.94	24.64	-78.40	1,940.39	492.85	1,784.05	1,752.58	31.47	56.692				
4,700.00	4,637.70	5,419.57	5,044.94	12.22	24.72	-78.43	1,935.36	495.79	1,751.67	1,719.81	31.86	54.978				
4,800.00	4,736.18	5,470.60	5,093.92	12.50	24.94	-78.54	1,923.09	503.12	1,722.22	1,689.90	32.32	53.289				
4,900.00	4,834.67	5,528.35	5,149.77	12.78	25.17	-78.68	1,910.56	510.86	1,695.18	1,662.40	32.78	51.711				
5,000.00	4,933.16	5,600.00	5,219.43	13.07	25.45	-78.88	1,896.24	519.52	1,670.04	1,636.76	33.28	50.182				
5,100.00	5,031.64	5,666.31	5,284.21	13.35	25.70	-79.10	1,883.93	526.56	1,646.51	1,612.77	33.74	48.795				
5,200.00	5,130.13	5,738.45	5,354.94	13.64	25.96	-79.38	1,871.40	533.17	1,624.51	1,590.30	34.21	47.481				
5,300.00	5,228.62	5,800.00	5,415.49	13.94	26.17	-79.65	1,861.45	537.94	1,604.13	1,569.50	34.63	46.321				
5,400.00	5,327.10	5,861.54	5,476.29	14.23	26.37	-79.95	1,852.71	541.66	1,586.03	1,551.01	35.02	45.289				
5,500.00	5,425.59	5,924.91	5,539.18	14.53	26.56	-80.31	1,845.38	544.10	1,570.69	1,535.29	35.39	44.379				
5,600.00	5,524.08	6,000.00	5,613.81	14.83	26.76	-80.81	1,837.13	544.86	1,556.76	1,520.98	35.78	43.504				
5,700.00	5,622.56	6,069.25	5,682.72	15.13	26.92	-81.33	1,830.35	543.94	1,544.67	1,508.57	36.11	42.779				
5,800.00	5,721.05	6,130.89	5,744.16	15.43	27.04	-81.82	1,825.72	542.36	1,535.15	1,498.77	36.37	42.206				
5,900.00	5,819.54	6,200.00	5,813.17	15.73	27.17	-82.36	1,822.25	540.60	1,528.18	1,491.54	36.65	41.700				
6,000.00	5,918.02	6,270.88	5,884.01	16.03	27.30	-82.87	1,820.18	539.52	1,523.27	1,486.32	36.94	41.232				
6,100.00	6,016.51	6,352.17	5,965.29	16.34	27.46	-83.41	1,819.02	539.53	1,519.75	1,482.43	37.32	40.720				
6,200.00	6,115.00	6,433.78	6,046.90	16.65	27.59	-83.94	1,818.81	539.65	1,517.52	1,479.85	37.67	40.287				
6,300.00	6,213.48	6,514.79	6,127.90	16.95	27.65	-84.48	1,819.36	539.08	1,516.60	1,478.68	37.92	39.997				
6,318.62	6,231.82	6,529.89	6,143.00	17.01	27.64	-84.58	1,819.55	538.88	1,516.58	1,478.63	37.95	39.966				
6,400.00	6,311.97	6,595.83	6,208.92	17.26	27.62	-85.04	1,820.67	537.73	1,517.02	1,478.95	38.07	39.849				
6,500.00	6,410.46	6,672.02	6,285.05	17.57	27.59	-85.60	1,822.63	535.53	1,518.93	1,480.74	38.19	39.768				
6,600.00	6,508.95	6,830.78	6,443.70	17.88	27.59	-86.75	1,825.74	531.31	1,520.79	1,482.06	38.73	39.265				
6,700.00	6,607.69	6,961.74	6,574.64	18.17	27.81	-72.20	1,823.91	532.08	1,517.62	1,478.25	39.37	38.547				
6,800.00	6,707.39	7,057.09	6,669.96	18.34	28.03	30.49	1,822.48	533.66	1,509.94	1,470.16	39.78	37.953				
6,900.00	6,805.96	7,157.99	6,770.82	18.45	28.25	58.01	1,821.69	536.82	1,497.70	1,457.49	40.21	37.247				
7,000.00	6,900.99	7,261.55	6,874.33	18.49	28.48	66.73	1,820.18	539.80	1,480.91	1,440.25	40.66	36.421				
7,100.00	6,990.14	7,352.68	6,965.40	18.49	28.67	72.68	1,818.37	542.34	1,460.92	1,419.89	41.03	35.604				
7,200.00	7,071.20	7,431.97	7,044.64	18.47	28.89	77.82	1,816.74	544.54	1,439.90	1,398.41	41.49	34.707				
7,300.00	7,142.19	7,500.86	7,113.49	18.46	29.19	82.47	1,815.33	546.46	1,419.93	1,377.81	42.11	33.716				
7,400.00	7,201.35	7,557.67	7,170.26	18.48	29.67	86.42	1,814.17	548.04	1,403.19	1,360.12	43.07	32.579				
7,500.00	7,247.23	7,600.98	7,213.55	18.58	30.04	89.39	1,813.29	549.25	1,391.79	1,347.78	44.01	31.622				
7,600.00	7,278.70	7,629.74	7,242.30	18.78	30.40	91.12	1,812.70	550.05	1,387.44	1,342.37	45.07	30.785				
7,604.89	7,279.85	7,630.76	7,243.32	18.79	30.41	91.17	1,812.68	550.08	1,387.43	1,342.31	45.12	30.750 CC, ES				
7,700.00	7,294.98	7,643.24	7,255.79	19.08	30.56	91.42	1,812.42	550.43	1,391.22	1,345.19	46.03	30.224				
7,800.00	7,296.21	7,641.68	7,254.22	19.48	30.54	90.63	1,812.45	550.38	1,403.39	1,356.52	46.87	29.941				
7,900.00	7,293.16	7,635.85	7,248.40	20.02	30.47	90.39	1,812.57	550.22	1,422.82	1,375.06	47.76	29.792				



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,000.00	7,290.12	7,630.02	7,242.58	20.67	30.40	90.15	1,812.69	550.06	1,448.88	1,400.18	48.71	29.747 SF	
8,100.00	7,287.08	7,624.20	7,236.75	21.44	30.33	89.91	1,812.81	549.90	1,481.23	1,431.55	49.68	29.816	
8,200.00	7,284.04	7,618.37	7,230.93	22.31	30.26	89.67	1,812.93	549.73	1,519.46	1,468.82	50.64	30.005	
8,300.00	7,281.00	7,612.54	7,225.10	23.26	30.19	89.43	1,813.05	549.57	1,563.13	1,511.57	51.56	30.315	
8,400.00	7,277.95	7,606.71	7,219.28	24.29	30.11	89.19	1,813.17	549.41	1,611.82	1,559.39	52.43	30.741	
8,500.00	7,274.91	7,600.89	7,213.46	25.39	30.04	88.94	1,813.29	549.25	1,665.07	1,611.84	53.23	31.281	
8,600.00	7,271.87	7,604.94	7,207.63	26.55	30.09	88.70	1,813.41	549.08	1,722.47	1,668.38	54.09	31.847	
8,700.00	7,268.83	7,589.23	7,201.81	27.76	29.94	88.46	1,813.53	548.92	1,783.61	1,728.95	54.66	32.632	
8,800.00	7,265.79	7,583.40	7,195.98	29.01	29.89	88.22	1,813.65	548.76	1,848.13	1,792.86	55.26	33.441	
8,900.00	7,262.75	7,577.58	7,190.16	30.31	29.84	87.98	1,813.77	548.60	1,915.67	1,859.87	55.80	34.328	
9,000.00	7,259.70	7,571.75	7,184.34	31.64	29.79	87.74	1,813.88	548.44	1,985.94	1,929.66	56.28	35.285	
9,100.00	7,256.66	7,565.92	7,178.51	33.00	29.74	87.51	1,814.00	548.27	2,058.65	2,001.95	56.70	36.305	
9,200.00	7,253.62	7,560.10	7,172.69	34.38	29.69	87.27	1,814.12	548.11	2,133.56	2,076.49	57.08	37.381	
9,300.00	7,250.58	7,554.27	7,166.87	35.80	29.64	87.03	1,814.24	547.95	2,210.44	2,153.04	57.40	38.508	
9,400.00	7,247.54	7,548.44	7,161.04	37.23	29.59	86.79	1,814.36	547.79	2,289.09	2,231.40	57.69	39.681	
9,500.00	7,244.49	7,542.61	7,155.22	38.68	29.54	86.55	1,814.48	547.62	2,369.34	2,311.40	57.94	40.894	
9,600.00	7,241.45	7,536.79	7,149.39	40.15	29.50	86.31	1,814.60	547.46	2,451.02	2,392.87	58.16	42.144	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	2.00	3.28	3.28	-89.79	4.40	-1,199.67	1,199.67				
100.00	100.00	102.00	102.00	3.28	3.28	-89.79	4.40	-1,199.67	1,199.67	1,192.15	7.53	159.339	
200.00	200.00	202.00	202.00	3.31	3.31	-89.79	4.40	-1,199.67	1,199.67	1,192.10	7.57	158.382	
203.12	203.12	205.12	205.12	3.31	3.31	-159.00	4.40	-1,199.67	1,199.68	1,192.10	7.58	158.337	
300.00	300.00	303.24	303.24	3.35	3.35	-159.00	4.40	-1,199.66	1,200.08	1,192.42	7.66	156.571	
400.00	399.93	465.70	465.61	3.41	3.47	-159.01	6.29	-1,195.26	1,200.63	1,192.80	7.83	153.243	
500.00	499.68	628.08	627.37	3.50	3.65	-158.94	11.81	-1,182.42	1,199.25	1,191.18	8.06	148.758	
600.00	599.13	790.12	787.73	3.62	3.89	-158.82	20.91	-1,161.24	1,195.92	1,187.58	8.35	143.237	
700.00	698.15	938.58	933.33	3.76	4.21	-158.65	32.35	-1,134.61	1,190.81	1,182.12	8.69	137.015	
800.00	796.71	1,038.48	1,030.91	3.94	4.46	-158.54	40.78	-1,114.98	1,186.92	1,177.88	9.04	131.290	
900.00	895.20	1,138.39	1,128.50	4.14	4.74	-158.43	49.21	-1,095.35	1,183.42	1,173.99	9.43	125.489	
1,000.00	993.68	1,238.30	1,226.10	4.37	5.05	-158.32	57.65	-1,075.71	1,179.93	1,170.08	9.85	119.746	
1,100.00	1,092.17	1,338.21	1,323.70	4.62	5.37	-158.20	66.08	-1,056.08	1,176.45	1,166.14	10.31	114.153	
1,200.00	1,190.66	1,438.12	1,421.30	4.89	5.70	-158.08	74.52	-1,036.44	1,172.97	1,162.19	10.78	108.812	
1,300.00	1,289.14	1,538.03	1,518.90	5.17	6.05	-157.97	82.95	-1,016.81	1,169.50	1,158.22	11.28	103.691	
1,400.00	1,387.63	1,637.94	1,616.50	5.47	6.41	-157.85	91.39	-997.18	1,166.03	1,154.23	11.80	98.854	
1,500.00	1,486.12	1,737.85	1,714.10	5.77	6.77	-157.73	99.82	-977.54	1,162.56	1,150.23	12.33	94.301	
1,600.00	1,584.60	1,837.76	1,811.70	6.09	7.08	-157.61	108.25	-957.91	1,159.10	1,146.45	12.65	91.630	
1,700.00	1,683.09	1,937.67	1,909.30	6.41	7.23	-157.49	116.69	-938.27	1,155.65	1,142.63	13.02	88.782	
1,800.00	1,781.58	2,037.59	2,006.90	6.74	7.29	-157.37	125.12	-918.64	1,152.20	1,138.88	13.32	86.527	
1,900.00	1,880.06	2,137.50	2,104.49	6.92	7.36	-157.25	133.56	-899.00	1,148.75	1,135.46	13.30	86.404	
2,000.00	1,978.55	2,237.41	2,202.09	6.96	7.45	-157.13	141.99	-879.37	1,145.31	1,131.93	13.38	85.591	
2,100.00	2,077.04	2,337.32	2,299.69	7.01	7.56	-157.01	150.43	-859.74	1,141.88	1,128.38	13.50	84.589	
2,200.00	2,175.52	2,437.23	2,397.29	7.08	7.69	-156.88	158.86	-840.10	1,138.45	1,124.80	13.65	83.415	
2,300.00	2,274.01	2,537.14	2,494.89	7.17	7.83	-156.76	167.30	-820.47	1,135.03	1,121.20	13.83	82.088	
2,400.00	2,372.50	2,637.05	2,592.49	7.27	7.98	-156.63	175.73	-800.83	1,131.61	1,117.57	14.03	80.629	
2,500.00	2,470.99	2,736.96	2,690.09	7.38	8.15	-156.51	184.16	-781.20	1,128.19	1,113.92	14.27	79.061	
2,600.00	2,569.47	2,836.87	2,787.69	7.51	8.33	-156.38	192.60	-761.56	1,124.79	1,110.25	14.53	77.403	
2,700.00	2,667.96	2,936.79	2,885.29	7.65	8.52	-156.25	201.03	-741.93	1,121.38	1,106.57	14.82	75.678	
2,800.00	2,766.45	3,036.70	2,982.89	7.81	8.73	-156.13	209.47	-722.30	1,117.99	1,102.86	15.13	73.904	
2,900.00	2,864.93	3,136.61	3,080.48	7.97	8.94	-156.00	217.90	-702.66	1,114.60	1,099.14	15.46	72.099	
3,000.00	2,963.42	3,236.52	3,178.08	8.15	9.16	-155.87	226.34	-683.03	1,111.21	1,095.40	15.81	70.279	
3,100.00	3,061.91	3,336.43	3,275.68	8.33	9.40	-155.74	234.77	-663.39	1,107.83	1,091.65	16.18	68.457	
3,200.00	3,160.39	3,436.34	3,373.28	8.53	9.64	-155.61	243.21	-643.76	1,104.46	1,087.89	16.57	66.645	
3,300.00	3,258.88	3,536.25	3,470.88	8.73	9.89	-155.48	251.64	-624.12	1,101.09	1,084.11	16.98	64.853	
3,400.00	3,357.37	3,636.16	3,568.48	8.94	10.15	-155.34	260.07	-604.49	1,097.73	1,080.33	17.40	63.090	
3,500.00	3,455.85	3,736.07	3,666.08	9.16	10.41	-155.21	268.51	-584.86	1,094.37	1,076.54	17.84	61.360	
3,600.00	3,554.34	3,835.98	3,763.68	9.39	10.68	-155.08	276.94	-565.22	1,091.02	1,072.74	18.28	59.670	
3,700.00	3,652.83	3,935.90	3,861.28	9.62	10.95	-154.94	285.38	-545.59	1,087.68	1,068.93	18.75	58.023	
3,800.00	3,751.31	4,035.81	3,958.88	9.86	11.23	-154.80	293.81	-525.95	1,084.34	1,065.12	19.22	56.421	
3,900.00	3,849.80	4,135.72	4,056.48	10.10	11.52	-154.67	302.25	-506.32	1,081.01	1,061.31	19.70	54.867	
4,000.00	3,948.29	4,235.63	4,154.07	10.35	11.81	-154.53	310.68	-486.68	1,077.68	1,057.49	20.20	53.362	
4,100.00	4,046.77	4,335.54	4,251.67	10.61	12.10	-154.39	319.12	-467.05	1,074.36	1,053.66	20.70	51.906	
4,200.00	4,145.26	4,435.45	4,349.27	10.86	12.40	-154.25	327.55	-447.42	1,071.05	1,049.84	21.21	50.499	
4,300.00	4,243.75	4,535.36	4,446.87	11.13	12.70	-154.11	335.98	-427.78	1,067.74	1,046.01	21.73	49.141	
4,400.00	4,342.23	4,635.27	4,544.47	11.39	13.01	-153.97	344.42	-408.15	1,064.44	1,042.19	22.25	47.830	
4,500.00	4,440.72	4,735.18	4,642.07	11.66	13.31	-153.83	352.85	-388.51	1,061.15	1,038.36	22.79	46.566	
4,600.00	4,539.21	4,835.10	4,739.67	11.94	13.63	-153.69	361.29	-368.88	1,057.86	1,034.53	23.33	45.348	
4,700.00	4,637.70	4,935.01	4,837.27	12.22	13.94	-153.54	369.72	-349.24	1,054.58	1,030.71	23.87	44.174	
4,800.00	4,736.18	5,034.92	4,934.87	12.50	14.26	-153.40	378.16	-329.61	1,051.31	1,026.88	24.42	43.042	
4,900.00	4,834.67	5,134.83	5,032.47	12.78	14.57	-153.25	386.59	-309.98	1,048.04	1,023.06	24.98	41.953	
5,000.00	4,933.16	5,234.74	5,130.06	13.07	14.90	-153.11	395.03	-290.34	1,044.78	1,019.24	25.54	40.903	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.64	5,334.65	5,227.66	13.35	15.22	-152.96	403.46	-270.71	1,041.53	1,015.42	26.11	39.891	
5,200.00	5,130.13	5,434.56	5,325.26	13.64	15.54	-152.81	411.89	-251.07	1,038.28	1,011.60	26.68	38.917	
5,300.00	5,228.62	5,534.47	5,422.86	13.94	15.87	-152.66	420.33	-231.44	1,035.04	1,007.78	27.25	37.977	
5,400.00	5,327.10	5,634.38	5,520.46	14.23	16.20	-152.51	428.76	-211.80	1,031.81	1,003.97	27.83	37.072	
5,500.00	5,425.59	5,734.29	5,618.06	14.53	16.53	-152.36	437.20	-192.17	1,028.58	1,000.17	28.41	36.199	
5,600.00	5,524.08	5,834.21	5,715.66	14.83	16.86	-152.21	445.63	-172.53	1,025.36	996.36	29.00	35.357	
5,700.00	5,622.56	5,934.12	5,813.26	15.13	17.20	-152.05	454.07	-152.90	1,022.15	992.56	29.59	34.545	
5,800.00	5,721.05	6,034.03	5,910.86	15.43	17.53	-151.90	462.50	-133.27	1,018.95	988.77	30.18	33.762	
5,900.00	5,819.54	6,133.94	6,008.46	15.73	17.87	-151.75	470.94	-113.63	1,015.75	984.98	30.78	33.006	
6,000.00	5,918.02	6,233.85	6,106.06	16.03	18.20	-151.59	479.37	-94.00	1,012.56	981.19	31.37	32.275	
6,100.00	6,016.51	6,333.76	6,203.65	16.34	18.54	-151.43	487.80	-74.36	1,009.38	977.41	31.97	31.570	
6,200.00	6,115.00	6,433.67	6,301.25	16.65	18.88	-151.27	496.24	-54.73	1,006.21	973.63	32.58	30.889	
6,300.00	6,213.48	6,533.58	6,398.85	16.95	19.22	-151.12	504.67	-35.09	1,003.04	969.86	33.18	30.230	
6,400.00	6,311.97	6,633.49	6,496.45	17.26	19.56	-150.96	513.11	-15.46	999.88	966.10	33.79	29.593	
6,500.00	6,410.46	6,733.40	6,599.41	17.57	19.90	-150.80	521.54	972.56	905.80	875.02	30.78	29.425	
6,600.00	6,508.95	6,833.31	6,698.92	17.88	20.24	-150.64	529.97	988.59	808.95	777.61	31.34	25.810	
6,700.00	6,607.44	6,933.22	6,798.43	18.17	20.58	-73.68	588.63	1,002.75	712.35	680.37	31.99	22.270	
6,800.00	6,707.39	7,033.13	6,791.25	18.34	21.82	62.73	588.64	1,003.30	615.57	582.87	32.69	18.829	
6,900.00	6,805.96	7,133.04	6,791.29	18.45	21.62	108.57	588.52	988.21	520.98	487.48	33.50	15.552	
7,000.00	6,900.99	7,232.95	6,791.36	18.49	21.43	122.86	588.29	957.87	431.52	396.90	34.62	12.464	
7,100.00	6,990.14	7,332.86	6,791.46	18.49	20.67	127.36	587.94	913.01	350.28	314.36	35.92	9.751	
7,200.00	7,071.20	7,432.77	6,791.59	18.47	20.94	126.49	587.48	854.74	280.56	242.68	37.88	7.407	
7,300.00	7,142.19	7,532.68	6,791.74	18.46	20.99	121.51	586.94	784.49	225.72	185.30	40.42	5.584	
7,400.00	7,201.35	7,632.59	6,791.92	18.48	20.13	113.13	586.31	704.01	188.26	145.24	43.03	4.375	
7,500.00	7,247.23	7,732.50	6,789.59	18.58	27.06	101.51	585.37	610.42	166.98	122.14	44.85	3.723	
7,600.00	7,278.70	7,832.41	6,774.79	18.78	26.01	87.38	583.38	518.62	157.69	112.43	45.26	3.484	SF
7,622.25	7,283.65	7,831.71	6,769.91	18.84	25.80	84.14	582.81	499.37	157.37	112.25	45.12	3.488	CC, ES
7,700.00	7,294.98	7,931.62	6,748.96	19.08	25.08	72.99	580.53	435.42	161.08	116.99	44.09	3.654	
7,800.00	7,296.21	7,981.91	6,714.36	19.48	24.25	60.37	577.00	360.75	175.26	132.93	42.33	4.140	
7,900.00	7,293.16	7,907.87	6,715.30	20.02	23.56	49.98	573.18	298.01	202.60	161.88	40.72	4.975	
8,000.00	7,290.12	7,943.71	6,715.79	20.67	23.01	41.48	569.43	247.63	244.66	204.98	39.67	6.167	
8,100.00	7,287.08	7,988.64	6,709.98	21.44	22.57	35.05	565.91	207.77	299.08	259.89	39.19	7.631	
8,200.00	7,284.04	7,941.52	6,703.01	22.31	22.23	30.27	562.69	176.37	362.94	323.90	39.04	9.296	
8,300.00	7,281.00	7,900.00	6,703.35	23.26	21.94	26.63	559.72	150.92	433.85	394.82	39.03	11.116	
8,400.00	7,277.95	7,866.48	6,702.82	24.29	21.73	24.03	557.23	131.97	510.02	470.93	39.09	13.047	
8,500.00	7,274.91	7,836.51	6,697.39	25.39	21.55	21.96	554.95	116.28	590.20	551.06	39.15	15.077	
8,600.00	7,271.87	7,810.48	6,694.72	26.55	21.40	20.32	552.93	103.64	673.49	634.30	39.20	17.183	
8,700.00	7,268.83	7,787.71	6,694.50	27.76	21.28	19.02	551.13	93.35	759.23	720.00	39.23	19.351	
8,800.00	7,265.79	7,767.69	6,691.41	29.01	21.17	17.95	549.53	84.91	846.94	807.67	39.26	21.571	
8,900.00	7,262.75	7,750.00	6,690.22	30.31	21.08	17.06	548.10	77.93	936.23	896.95	39.28	23.834	
9,000.00	7,259.70	7,734.22	6,685.62	31.64	21.01	16.32	546.81	72.09	1,026.83	987.53	39.30	26.131	
9,100.00	7,256.66	7,720.12	6,682.46	33.00	20.94	15.69	545.66	67.18	1,118.52	1,079.21	39.30	28.458	
9,200.00	7,253.62	7,700.00	6,683.49	34.38	20.85	14.84	544.00	60.68	1,211.18	1,171.85	39.33	30.798	
9,300.00	7,250.58	7,680.00	6,683.49	35.80	20.85	14.84	544.00	60.68	1,304.50	1,265.20	39.30	33.194	
9,400.00	7,247.54	7,660.00	6,683.49	37.23	20.85	14.84	544.00	60.68	1,398.75	1,359.48	39.27	35.618	
9,500.00	7,244.49	6,976.18	6,830.78	38.68	20.76	13.91	542.02	53.77	1,493.11	1,453.79	39.32	37.974	
9,600.00	7,241.45	6,967.55	6,822.49	40.15	20.72	13.59	541.29	51.47	1,588.20	1,548.87	39.32	40.389	
9,700.00	7,238.41	6,950.00	6,805.54	41.64	20.65	12.97	539.82	47.16	1,683.81	1,644.45	39.36	42.782	
9,800.00	7,235.37	6,950.00	6,805.54	43.14	20.65	12.97	539.82	47.16	1,779.60	1,740.27	39.34	45.238	
9,900.00	7,232.33	6,950.00	6,805.54	44.65	20.65	12.97	539.82	47.16	1,875.84	1,836.52	39.32	47.705	
10,000.00	7,229.28	6,939.37	6,795.22	46.17	20.62	12.61	538.93	44.78	1,972.33	1,932.98	39.35	50.127	
10,100.00	7,226.24	6,926.57	6,782.75	47.70	20.57	12.19	537.85	42.13	2,069.15	2,029.77	39.38	52.539	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,223.20	6,926.57	6,782.75	49.24	20.57	12.19	537.85	42.13	2,166.11	2,126.73	39.38	55.011	
10,300.00	7,220.16	6,911.15	6,767.68	50.79	20.52	11.72	536.55	39.10	2,263.28	2,223.85	39.43	57.401	
10,400.00	7,217.12	6,888.55	6,745.61	52.35	20.44	11.06	534.64	34.66	2,360.48	2,320.96	39.51	59.742	
10,500.00	7,214.08	6,865.96	6,723.54	53.91	20.36	10.45	532.73	30.22	2,457.69	2,418.10	39.60	62.069	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.78	4.76	-1,239.76	1,239.77				
100.00	100.00	102.00	102.00	3.28	3.28	-89.78	4.76	-1,239.76	1,239.77	1,232.24	7.53	164.664	
200.00	200.00	202.00	202.00	3.31	3.31	-89.78	4.76	-1,239.76	1,239.77	1,232.19	7.57	163.675	
300.00	300.00	344.78	344.74	3.35	3.38	-158.93	6.41	-1,237.60	1,238.76	1,231.07	7.69	161.172	
400.00	399.93	496.65	496.22	3.41	3.51	-158.73	12.85	-1,229.14	1,236.47	1,228.61	7.86	157.362	
500.00	499.68	648.00	646.41	3.50	3.69	-158.41	24.11	-1,214.38	1,233.26	1,225.17	8.09	152.378	
600.00	599.13	798.59	794.67	3.62	3.95	-157.95	40.07	-1,193.45	1,229.18	1,220.79	8.40	146.361	
700.00	698.15	948.22	940.41	3.76	4.32	-157.36	60.58	-1,166.55	1,224.29	1,215.51	8.79	139.308	
800.00	796.71	1,065.11	1,053.11	3.94	4.67	-156.81	79.38	-1,141.90	1,219.08	1,209.87	9.21	132.352	
900.00	895.20	1,164.43	1,148.76	4.14	5.01	-156.31	95.60	-1,120.63	1,214.09	1,204.43	9.66	125.671	
1,000.00	993.68	1,263.76	1,244.41	4.37	5.38	-155.82	111.81	-1,099.37	1,209.19	1,199.04	10.15	119.126	
1,100.00	1,092.17	1,363.08	1,340.07	4.62	5.77	-155.32	128.03	-1,078.10	1,204.39	1,193.71	10.68	112.823	
1,200.00	1,190.66	1,462.40	1,435.72	4.89	6.17	-154.81	144.24	-1,056.84	1,199.68	1,188.45	11.23	106.857	
1,300.00	1,289.14	1,561.73	1,531.38	5.17	6.58	-154.31	160.46	-1,035.57	1,195.06	1,183.25	11.81	101.208	
1,400.00	1,387.63	1,661.05	1,627.03	5.47	7.01	-153.80	176.68	-1,014.30	1,190.53	1,178.12	12.41	95.922	
1,500.00	1,486.12	1,760.37	1,722.69	5.77	7.45	-153.28	192.89	-993.04	1,186.11	1,173.07	13.04	90.992	
1,600.00	1,584.60	1,859.69	1,818.34	6.09	7.77	-152.76	209.11	-971.77	1,181.78	1,168.38	13.40	88.177	
1,700.00	1,683.09	1,959.02	1,914.00	6.41	7.91	-152.24	225.33	-950.51	1,177.55	1,163.76	13.79	85.380	
1,800.00	1,781.58	2,058.34	2,009.65	6.74	7.99	-151.71	241.54	-929.24	1,173.42	1,159.28	14.14	83.003	
1,900.00	1,880.06	2,157.66	2,105.31	6.92	8.09	-151.18	257.76	-907.97	1,169.39	1,155.22	14.16	82.559	
2,000.00	1,978.55	2,256.99	2,200.96	6.96	8.21	-150.65	273.97	-886.71	1,165.46	1,151.16	14.30	81.498	
2,100.00	2,077.04	2,356.31	2,296.62	7.01	8.34	-150.11	290.19	-865.44	1,161.63	1,147.16	14.47	80.271	
2,200.00	2,175.52	2,455.63	2,392.27	7.08	8.49	-149.57	306.41	-844.18	1,157.91	1,143.24	14.68	78.898	
2,300.00	2,274.01	2,554.95	2,487.93	7.17	8.66	-149.02	322.62	-822.91	1,154.30	1,139.38	14.91	77.401	
2,400.00	2,372.50	2,654.28	2,583.58	7.27	8.85	-148.48	338.84	-801.64	1,150.79	1,135.61	15.18	75.802	
2,500.00	2,470.99	2,753.60	2,679.24	7.38	9.05	-147.93	355.06	-780.38	1,147.38	1,131.91	15.48	74.123	
2,600.00	2,569.47	2,852.92	2,774.89	7.51	9.26	-147.37	371.27	-759.11	1,144.09	1,128.28	15.81	72.385	
2,700.00	2,667.96	2,952.25	2,870.55	7.65	9.49	-146.82	387.49	-737.85	1,140.90	1,124.74	16.16	70.607	
2,800.00	2,766.45	3,051.57	2,966.20	7.81	9.73	-146.26	403.70	-716.58	1,137.83	1,121.29	16.54	68.808	
2,900.00	2,864.93	3,150.89	3,061.85	7.97	9.98	-145.69	419.92	-695.32	1,134.86	1,117.92	16.94	67.002	
3,000.00	2,963.42	3,250.21	3,157.51	8.15	10.24	-145.13	436.14	-674.05	1,132.00	1,114.64	17.36	65.204	
3,100.00	3,061.91	3,349.54	3,253.16	8.33	10.51	-144.56	452.35	-652.78	1,129.26	1,111.46	17.81	63.423	
3,200.00	3,160.39	3,448.86	3,348.82	8.53	10.79	-143.99	468.57	-631.52	1,126.63	1,108.36	18.27	61.671	
3,300.00	3,258.88	3,548.18	3,444.47	8.73	11.07	-143.41	484.78	-610.25	1,124.12	1,105.37	18.75	59.953	
3,400.00	3,357.37	3,647.51	3,540.13	8.94	11.37	-142.84	501.00	-588.99	1,121.72	1,102.47	19.25	58.277	
3,500.00	3,455.85	3,746.83	3,635.78	9.16	11.67	-142.26	517.22	-567.72	1,119.43	1,099.67	19.76	56.646	
3,600.00	3,554.34	3,846.15	3,731.44	9.39	11.97	-141.68	533.43	-546.45	1,117.26	1,096.97	20.29	55.064	
3,700.00	3,652.83	3,945.47	3,827.09	9.62	12.29	-141.09	549.65	-525.19	1,115.21	1,094.38	20.83	53.533	
3,800.00	3,751.31	4,044.80	3,922.75	9.86	12.60	-140.51	565.87	-503.92	1,113.27	1,091.89	21.39	52.054	
3,900.00	3,849.80	4,144.12	4,018.40	10.10	12.93	-139.92	582.08	-482.66	1,111.46	1,089.50	21.95	50.627	
4,000.00	3,948.29	4,243.44	4,114.06	10.35	13.26	-139.33	598.30	-461.39	1,109.76	1,087.23	22.53	49.254	
4,100.00	4,046.77	4,342.77	4,209.71	10.61	13.59	-138.74	614.51	-440.12	1,108.18	1,085.06	23.12	47.933	
4,200.00	4,145.26	4,442.09	4,305.37	10.86	13.93	-138.15	630.73	-418.86	1,106.72	1,083.00	23.72	46.663	
4,300.00	4,243.75	4,541.41	4,401.02	11.13	14.27	-137.55	646.95	-397.59	1,105.38	1,081.06	24.32	45.444	
4,400.00	4,342.23	4,640.74	4,496.68	11.39	14.61	-136.96	663.16	-376.33	1,104.16	1,079.22	24.94	44.274	
4,500.00	4,440.72	4,740.06	4,592.33	11.66	14.96	-136.36	679.38	-355.06	1,103.07	1,077.50	25.56	43.151	
4,600.00	4,539.21	4,839.38	4,687.99	11.94	15.31	-135.77	695.60	-333.80	1,102.09	1,075.90	26.19	42.075	
4,700.00	4,637.70	4,938.70	4,783.64	12.22	15.66	-135.17	711.81	-312.53	1,101.24	1,074.40	26.83	41.042	
4,800.00	4,736.18	5,038.03	4,879.30	12.50	16.02	-134.57	728.03	-291.26	1,100.50	1,073.03	27.48	40.053	
4,900.00	4,834.67	5,137.35	4,974.95	12.78	16.37	-133.97	744.24	-270.00	1,099.89	1,071.77	28.13	39.104	
5,000.00	4,933.16	5,236.67	5,070.60	13.07	16.74	-133.37	760.46	-248.73	1,099.41	1,070.62	28.78	38.195	
5,100.00	5,031.64	5,336.00	5,166.26	13.35	17.10	-132.77	776.68	-227.47	1,099.04	1,069.59	29.45	37.323	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,130.13	5,435.32	5,261.91	13.64	17.46	-132.16	792.89	-206.20	1,098.80	1,068.68	30.11	36.488		
5,300.00	5,228.62	5,534.64	5,357.57	13.94	17.83	-131.56	809.11	-184.93	1,098.68	1,067.89	30.79	35.687		
5,347.46	5,275.36	5,581.78	5,402.96	14.08	18.00	-131.28	816.80	-174.84	1,098.66	1,067.56	31.11	35.318		
5,400.00	5,327.10	5,633.96	5,453.22	14.23	18.20	-130.96	825.32	-163.67	1,098.68	1,067.22	31.46	34.919		
5,500.00	5,425.59	5,733.29	5,548.88	14.53	18.57	-130.36	841.54	-142.40	1,098.81	1,066.66	32.15	34.182		
5,600.00	5,524.08	5,832.61	5,644.53	14.83	18.94	-129.76	857.76	-121.14	1,099.06	1,066.22	32.83	33.475		
5,700.00	5,622.56	5,931.93	5,740.19	15.13	19.31	-129.16	873.97	-99.87	1,099.43	1,065.91	33.52	32.797		
5,800.00	5,721.05	6,031.26	5,838.84	15.43	19.69	-128.56	890.19	-78.60	1,099.92	1,065.71	34.22	32.147		
5,900.00	5,819.54	6,130.58	5,931.50	15.73	20.06	-127.96	906.41	-57.34	1,100.54	1,065.62	34.91	31.523		
6,000.00	5,918.02	6,229.90	6,027.15	16.03	20.44	-127.36	922.62	-36.07	1,101.28	1,065.66	35.61	30.923		
6,100.00	6,016.51	6,329.22	6,122.81	16.34	20.82	-126.76	938.84	-14.81	1,102.14	1,065.82	36.32	30.347		
6,200.00	6,115.00	6,428.55	6,218.46	16.65	21.20	-126.16	955.05	6.46	1,103.12	1,066.09	37.02	29.795		
6,300.00	6,213.48	6,527.87	6,314.12	16.95	21.58	-125.56	971.27	27.73	1,104.22	1,066.49	37.73	29.263		
6,400.00	6,311.97	7,942.04	7,108.45	17.26	32.62	-80.10	1,109.54	954.65	1,090.20	1,051.96	38.24	28.511		
6,500.00	6,410.46	7,958.04	7,108.42	17.57	32.82	-78.84	1,109.61	970.65	1,016.19	976.29	39.90	25.466		
6,600.00	6,508.95	7,974.04	7,108.38	17.88	33.01	-77.57	1,109.68	986.65	946.70	904.94	41.76	22.669		
6,700.00	6,607.69	7,988.17	7,108.34	18.17	33.19	-57.75	1,109.75	1,000.78	882.63	838.86	43.77	20.166		
6,800.00	6,707.39	7,988.68	7,108.34	18.34	33.19	50.75	1,109.75	1,001.30	824.88	779.20	45.68	18.057		
6,900.00	6,805.96	7,973.57	7,108.38	18.45	33.01	80.42	1,109.68	986.18	776.13	728.79	47.34	16.393		
7,000.00	6,900.99	7,943.19	7,108.45	18.49	32.64	87.76	1,109.55	955.81	738.53	689.97	48.56	15.208		
7,100.00	6,990.14	7,901.70	7,108.55	18.49	32.13	89.44	1,109.35	910.92	712.93	663.70	49.23	14.481		
7,200.00	7,071.20	7,840.00	7,108.69	18.47	31.40	88.25	1,109.09	852.62	698.65	649.44	49.21	14.197 SF		
7,300.00	7,142.19	7,769.73	7,108.85	18.46	30.59	85.42	1,108.78	782.35	693.57	644.86	48.71	14.238 ES		
7,324.93	7,158.11	7,750.54	7,108.90	18.46	30.37	84.58	1,108.70	763.16	693.39	644.86	48.54	14.286 CC		
7,400.00	7,201.35	7,688.67	7,108.83	18.48	29.67	81.88	1,108.39	701.30	694.67	646.79	47.89	14.506		
7,500.00	7,247.23	7,605.13	7,101.51	18.58	28.74	78.13	1,106.76	618.15	699.09	652.16	46.94	14.894		
7,600.00	7,278.70	7,526.47	7,084.87	18.78	27.90	74.46	1,103.58	541.39	705.76	659.74	46.01	15.338		
7,700.00	7,294.98	7,451.53	7,060.44	19.08	27.12	70.95	1,099.13	470.72	713.88	668.67	45.21	15.792		
7,800.00	7,296.21	7,379.65	7,029.47	19.48	26.42	67.85	1,093.60	406.13	722.81	678.23	44.58	16.214		
7,900.00	7,293.16	7,314.20	6,995.19	20.02	25.82	65.29	1,087.56	350.74	735.73	691.58	44.15	16.664		
8,000.00	7,290.12	7,256.54	6,960.48	20.67	25.32	62.73	1,081.49	305.13	754.89	711.00	43.90	17.197		
8,100.00	7,287.08	7,206.15	6,926.91	21.44	24.91	60.31	1,075.66	268.02	781.01	737.21	43.79	17.834		
8,200.00	7,284.04	7,162.25	6,895.39	22.31	24.58	58.09	1,070.20	237.97	814.37	770.56	43.81	18.590		
8,300.00	7,281.00	7,124.01	6,866.33	23.26	24.31	56.09	1,065.19	213.64	854.88	810.98	43.90	19.472		
8,400.00	7,277.95	7,090.63	6,839.82	24.29	24.08	54.32	1,060.63	193.89	902.16	858.12	44.04	20.483		
8,500.00	7,274.91	7,061.40	6,815.78	25.39	23.89	52.76	1,056.50	177.77	955.64	911.43	44.21	21.616		
8,600.00	7,271.87	7,035.68	6,794.06	26.55	23.74	51.38	1,052.78	164.52	1,014.66	970.28	44.38	22.862		
8,700.00	7,268.83	7,012.96	6,774.43	27.76	23.61	50.16	1,049.42	153.57	1,078.56	1,034.01	44.54	24.213		
8,800.00	7,265.79	7,000.00	6,763.08	29.01	23.53	49.47	1,047.48	147.64	1,146.76	1,102.04	44.72	25.644		
8,900.00	7,262.75	6,974.77	6,740.63	30.31	23.40	48.13	1,043.64	136.78	1,218.52	1,173.70	44.82	27.185		
9,000.00	7,259.70	6,950.00	6,718.20	31.64	23.26	46.83	1,039.82	127.01	1,293.59	1,248.67	44.91	28.802		
9,100.00	7,256.66	6,950.00	6,718.20	33.00	23.26	46.83	1,039.82	127.01	1,371.26	1,326.22	45.04	30.443		
9,200.00	7,253.62	6,930.96	6,700.71	34.38	23.18	45.84	1,036.84	120.10	1,451.29	1,406.18	45.12	32.169		
9,300.00	7,250.58	6,919.04	6,689.65	35.80	23.12	45.23	1,034.96	116.05	1,533.40	1,488.21	45.18	33.937		
9,400.00	7,247.54	6,900.00	6,671.85	37.23	23.03	44.26	1,031.93	110.01	1,617.33	1,572.10	45.23	35.756		
9,500.00	7,244.49	6,900.00	6,671.85	38.68	23.03	44.26	1,031.93	110.01	1,702.67	1,657.38	45.29	37.597		
9,600.00	7,241.45	6,900.00	6,671.85	40.15	23.03	44.26	1,031.93	110.01	1,789.52	1,744.19	45.33	39.479		
9,700.00	7,238.41	6,880.72	6,653.65	41.64	22.95	43.29	1,028.84	104.45	1,877.31	1,831.95	45.36	41.385		
9,800.00	7,235.37	6,872.97	6,646.29	43.14	22.92	42.91	1,027.59	102.37	1,966.25	1,920.86	45.39	43.318		
9,900.00	7,232.33	6,850.00	6,624.34	44.65	22.82	41.78	1,023.86	96.75	2,056.35	2,010.93	45.42	45.273		
10,000.00	7,229.28	6,850.00	6,624.34	46.17	22.82	41.78	1,023.86	96.75	2,146.85	2,101.41	45.44	47.243		
10,100.00	7,226.24	6,850.00	6,624.34	47.70	22.82	41.78	1,023.86	96.75	2,238.15	2,192.69	45.46	49.233		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,223.20	6,850.00	6,624.34	49.24	22.82	41.78	1,023.86	96.75	2,330.17	2,284.70	45.48	51.239	
10,300.00	7,220.16	6,842.77	6,617.39	50.79	22.79	41.43	1,022.68	95.15	2,422.76	2,377.26	45.50	53.252	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	-89.78	4.77	-1,219.71	1,219.72					
100.00	100.00	102.00	102.00	3.28	3.28	-89.78	4.77	-1,219.71	1,219.72	1,212.19	7.53	162.001		
200.00	200.00	202.00	202.00	3.31	3.31	-89.78	4.77	-1,219.71	1,219.72	1,212.15	7.57	161.028		
300.00	300.00	324.61	324.60	3.35	3.36	-158.98	5.18	-1,219.11	1,219.74	1,212.06	7.68	158.914		
400.00	399.93	478.36	478.15	3.41	3.48	-158.87	9.48	-1,212.86	1,218.94	1,211.10	7.84	155.402		
500.00	499.68	631.82	630.77	3.50	3.66	-158.64	18.41	-1,199.85	1,217.00	1,208.93	8.07	150.756		
600.00	599.13	784.74	781.81	3.62	3.90	-158.29	31.91	-1,180.22	1,213.95	1,205.58	8.37	145.101		
700.00	698.15	936.91	930.63	3.76	4.24	-157.82	49.85	-1,154.11	1,209.83	1,201.09	8.74	138.497		
800.00	796.71	1,052.12	1,042.28	3.94	4.56	-157.39	65.93	-1,130.70	1,205.31	1,196.18	9.13	131.984		
900.00	895.20	1,151.69	1,138.71	4.14	4.88	-157.00	80.00	-1,110.23	1,201.05	1,191.49	9.56	125.662		
1,000.00	993.68	1,251.27	1,235.13	4.37	5.22	-156.61	94.08	-1,089.75	1,196.85	1,186.83	10.02	119.431		
1,100.00	1,092.17	1,350.84	1,331.55	4.62	5.58	-156.21	108.15	-1,069.27	1,192.70	1,182.18	10.52	113.367		
1,200.00	1,190.66	1,450.41	1,427.97	4.89	5.95	-155.82	122.22	-1,048.79	1,188.61	1,177.57	11.04	107.673		
1,300.00	1,289.14	1,549.98	1,524.40	5.17	6.34	-155.42	136.29	-1,028.32	1,184.57	1,172.98	11.59	102.203		
1,400.00	1,387.63	1,649.56	1,620.82	5.47	6.74	-155.01	150.37	-1,007.84	1,180.60	1,168.44	12.16	97.074		
1,500.00	1,486.12	1,749.13	1,717.24	5.77	7.15	-154.61	164.44	-987.36	1,176.68	1,163.93	12.75	92.272		
1,600.00	1,584.60	1,848.70	1,813.67	6.09	7.47	-154.20	178.51	-966.88	1,172.82	1,159.71	13.11	89.465		
1,700.00	1,683.09	1,948.27	1,910.09	6.41	7.62	-153.79	192.58	-946.41	1,169.03	1,155.53	13.50	86.615		
1,800.00	1,781.58	2,047.85	2,006.51	6.74	7.69	-153.38	206.66	-925.93	1,165.29	1,151.47	13.83	84.286		
1,900.00	1,880.06	2,147.42	2,102.93	6.92	7.78	-152.96	220.73	-905.45	1,161.62	1,147.78	13.84	83.961		
2,000.00	1,978.55	2,246.99	2,199.36	6.96	7.89	-152.54	234.80	-884.97	1,158.01	1,144.05	13.95	82.992		
2,100.00	2,077.04	2,346.57	2,295.78	7.01	8.01	-152.12	248.87	-864.50	1,154.46	1,140.35	14.10	81.848		
2,200.00	2,175.52	2,446.14	2,392.20	7.08	8.15	-151.70	262.95	-844.02	1,150.97	1,136.68	14.29	80.546		
2,300.00	2,274.01	2,545.71	2,488.62	7.17	8.31	-151.27	277.02	-823.54	1,147.55	1,133.04	14.51	79.109		
2,400.00	2,372.50	2,645.28	2,585.05	7.27	8.49	-150.84	291.09	-803.06	1,144.19	1,129.44	14.75	77.559		
2,500.00	2,470.99	2,744.86	2,681.47	7.38	8.67	-150.41	305.16	-782.58	1,140.89	1,125.87	15.03	75.917		
2,600.00	2,569.47	2,844.43	2,777.89	7.51	8.87	-149.98	319.24	-762.11	1,137.67	1,122.33	15.33	74.205		
2,700.00	2,667.96	2,944.00	2,874.32	7.65	9.09	-149.54	333.31	-741.63	1,134.50	1,118.84	15.66	72.443		
2,800.00	2,766.45	3,043.57	2,970.74	7.81	9.31	-149.10	347.38	-721.15	1,131.41	1,115.39	16.01	70.649		
2,900.00	2,864.93	3,143.15	3,067.16	7.97	9.55	-148.66	361.45	-700.67	1,128.38	1,111.99	16.39	68.840		
3,000.00	2,963.42	3,242.72	3,163.58	8.15	9.80	-148.22	375.53	-680.20	1,125.42	1,108.63	16.79	67.030		
3,100.00	3,061.91	3,342.29	3,260.01	8.33	10.05	-147.77	389.60	-659.72	1,122.53	1,105.32	17.21	65.232		
3,200.00	3,160.39	3,441.86	3,356.43	8.53	10.32	-147.32	403.67	-639.24	1,119.70	1,102.06	17.65	63.454		
3,300.00	3,258.88	3,541.44	3,452.85	8.73	10.59	-146.87	417.74	-618.76	1,116.95	1,098.85	18.10	61.707		
3,400.00	3,357.37	3,641.01	3,549.28	8.94	10.87	-146.42	431.82	-598.29	1,114.26	1,095.69	18.57	59.996		
3,500.00	3,455.85	3,740.58	3,645.70	9.16	11.16	-145.97	445.89	-577.81	1,111.65	1,092.59	19.06	58.326		
3,600.00	3,554.34	3,840.16	3,742.12	9.39	11.45	-145.51	459.96	-557.33	1,109.10	1,089.54	19.56	56.702		
3,700.00	3,652.83	3,939.73	3,838.54	9.62	11.75	-145.05	474.03	-536.85	1,106.63	1,086.56	20.07	55.127		
3,800.00	3,751.31	4,039.30	3,934.97	9.86	12.05	-144.59	488.10	-516.38	1,104.23	1,083.63	20.60	53.601		
3,900.00	3,849.80	4,138.87	4,031.39	10.10	12.36	-144.13	502.18	-495.90	1,101.90	1,080.76	21.14	52.126		
4,000.00	3,948.29	4,238.45	4,127.81	10.35	12.68	-143.67	516.25	-475.42	1,099.64	1,077.95	21.69	50.702		
4,100.00	4,046.77	4,338.02	4,224.23	10.61	12.99	-143.20	530.32	-454.94	1,097.46	1,075.21	22.25	49.330		
4,200.00	4,145.26	4,437.59	4,320.66	10.86	13.32	-142.73	544.39	-434.46	1,095.35	1,072.53	22.82	48.008		
4,300.00	4,243.75	4,537.16	4,417.08	11.13	13.64	-142.26	558.47	-413.99	1,093.31	1,069.92	23.39	46.736		
4,400.00	4,342.23	4,636.74	4,513.50	11.39	13.97	-141.79	572.54	-393.51	1,091.35	1,067.37	23.98	45.513		
4,500.00	4,440.72	4,736.31	4,609.93	11.66	14.30	-141.32	586.61	-373.03	1,089.47	1,064.89	24.57	44.336		
4,600.00	4,539.21	4,835.88	4,706.35	11.94	14.64	-140.84	600.68	-352.55	1,087.65	1,062.48	25.17	43.206		
4,700.00	4,637.70	4,935.45	4,802.77	12.22	14.98	-140.37	614.76	-332.08	1,085.92	1,060.14	25.78	42.120		
4,800.00	4,736.18	5,035.03	4,899.19	12.50	15.32	-139.89	628.83	-311.60	1,084.26	1,057.86	26.40	41.077		
4,900.00	4,834.67	5,134.60	4,995.62	12.78	15.66	-139.41	642.90	-291.12	1,082.67	1,055.66	27.02	40.075		
5,000.00	4,933.16	5,234.17	5,092.04	13.07	16.01	-138.93	656.97	-270.64	1,081.17	1,053.52	27.64	39.112		
5,100.00	5,031.64	5,333.74	5,188.46	13.35	16.36	-138.45	671.05	-250.17	1,079.73	1,051.46	28.27	38.188		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,130.13	5,433.32	5,284.88	13.64	16.71	-137.96	685.12	-229.69	1,078.38	1,049.47	28.91	37.299		
5,300.00	5,228.62	5,532.89	5,381.31	13.94	17.06	-137.48	699.19	-209.21	1,077.11	1,047.55	29.55	36.446		
5,400.00	5,327.10	5,632.46	5,477.73	14.23	17.41	-136.99	713.26	-188.73	1,075.91	1,045.71	30.20	35.626		
5,500.00	5,425.59	5,732.04	5,574.15	14.53	17.77	-136.51	727.34	-168.26	1,074.79	1,043.94	30.85	34.837		
5,600.00	5,524.08	5,831.61	5,670.58	14.83	18.13	-136.02	741.41	-147.78	1,073.75	1,042.24	31.51	34.079		
5,700.00	5,622.56	5,931.18	5,767.00	15.13	18.48	-135.53	755.48	-127.30	1,072.78	1,040.61	32.17	33.350		
5,800.00	5,721.05	6,030.75	5,863.42	15.43	18.84	-135.04	769.55	-106.82	1,071.90	1,039.07	32.83	32.649		
5,900.00	5,819.54	6,130.33	5,959.84	15.73	19.20	-134.55	783.63	-86.34	1,071.09	1,037.59	33.50	31.975		
6,000.00	5,918.02	6,229.90	6,056.27	16.03	19.57	-134.06	797.70	-65.87	1,070.36	1,036.20	34.17	31.326		
6,100.00	6,016.51	6,329.47	6,152.69	16.34	19.93	-133.57	811.77	-45.39	1,069.72	1,034.87	34.84	30.701		
6,200.00	6,115.00	6,429.04	6,249.11	16.65	20.29	-133.08	825.84	-24.91	1,069.15	1,033.63	35.52	30.099		
6,300.00	6,213.48	6,528.62	6,345.54	16.95	20.66	-132.59	839.91	-4.43	1,068.66	1,032.46	36.20	29.520		
6,400.00	6,311.97	6,628.20	6,442.02	17.26	21.02	-132.10	854.02	15.05	1,068.07	1,031.29	36.88	28.941		
6,500.00	6,410.46	6,727.77	6,539.49	17.57	21.39	-131.61	868.17	25.57	1,067.48	1,030.12	37.56	28.362		
6,600.00	6,508.95	6,827.34	6,637.98	17.88	21.75	-131.12	882.36	36.09	1,066.89	1,028.95	38.24	27.783		
6,700.00	6,607.69	6,926.91	6,736.52	18.17	22.12	-130.63	896.59	46.61	1,066.30	1,027.78	38.92	27.204		
6,800.00	6,707.39	7,026.48	6,835.06	18.48	22.48	-130.14	910.86	57.13	1,065.71	1,026.61	39.60	26.625		
6,900.00	6,805.96	7,126.05	6,933.63	18.79	22.85	-129.65	925.17	67.65	1,065.12	1,025.44	40.28	26.046		
7,000.00	6,904.99	7,225.62	7,032.20	19.10	23.21	-129.16	939.52	78.17	1,064.53	1,024.27	40.96	25.467		
7,100.00	7,004.14	7,325.19	7,131.77	19.41	23.58	-128.67	953.91	88.69	1,063.94	1,023.10	41.64	24.888		
7,200.00	7,103.20	7,424.76	7,231.34	19.72	23.94	-128.18	968.34	99.21	1,063.35	1,021.93	42.32	24.309		
7,300.00	7,142.19	7,524.33	7,270.91	20.03	24.31	-127.69	982.81	109.73	1,062.76	1,020.76	43.00	23.730		
7,391.62	7,196.88	7,623.90	7,319.50	20.34	24.67	-127.20	997.32	120.25	1,062.17	1,019.59	43.68	23.151		
7,400.00	7,201.35	7,723.47	7,318.99	20.65	25.04	-126.71	1011.87	130.77	1,061.58	1,018.42	44.36	22.572		
7,500.00	7,247.23	7,823.04	7,358.56	20.96	25.40	-126.22	1026.46	141.29	1,060.99	1,017.25	45.04	21.993		
7,600.00	7,278.70	7,922.61	7,398.03	21.27	25.77	-125.73	1041.39	151.81	1,060.40	1,016.08	45.72	21.414		
7,700.00	7,294.98	8,022.18	7,414.31	21.58	26.13	-125.24	1056.36	162.33	1,059.81	1,014.91	46.40	20.835		
7,800.00	7,296.21	8,121.75	7,415.54	21.89	26.50	-124.75	1071.47	172.85	1,059.22	1,013.74	47.08	20.256		
7,900.00	7,293.16	8,221.32	7,416.77	22.20	26.86	-124.26	1086.62	183.37	1,058.63	1,012.57	47.76	19.677		
8,000.00	7,290.12	8,320.89	7,417.99	22.51	27.23	-123.77	1101.83	193.89	1,058.04	1,011.40	48.44	19.098		
8,100.00	7,287.08	8,420.46	7,419.22	22.82	27.60	-123.28	1117.08	204.41	1,057.45	1,010.23	49.12	18.519		
8,200.00	7,284.04	8,520.03	7,420.45	23.13	27.96	-122.79	1132.37	214.93	1,056.86	1,009.06	49.80	17.940		
8,300.00	7,281.00	8,619.60	7,421.68	23.44	28.33	-122.30	1147.70	225.45	1,056.27	1,007.89	50.48	17.361		
8,400.00	7,277.95	8,719.17	7,422.91	23.75	28.70	-121.81	1163.09	235.97	1,055.68	1,006.72	51.16	16.782		
8,500.00	7,274.91	8,818.74	7,424.14	24.06	29.06	-121.32	1178.52	246.49	1,055.09	1,005.55	51.84	16.203		
8,600.00	7,271.87	8,918.31	7,425.37	24.37	29.43	-120.83	1193.99	257.01	1,054.50	1,004.38	52.52	15.624		
8,700.00	7,268.83	9,017.88	7,426.60	24.68	29.80	-120.34	1209.50	267.53	1,053.91	1,003.21	53.20	15.045		
8,800.00	7,265.79	9,117.45	7,427.83	24.99	30.16	-119.85	1225.05	278.05	1,053.32	1,002.04	53.88	14.466		
8,900.00	7,262.75	9,217.02	7,429.06	25.30	30.53	-119.36	1240.64	288.57	1,052.73	1,000.87	54.56	13.887		
9,000.00	7,259.70	9,316.59	7,430.29	25.61	30.90	-118.87	1256.27	299.09	1,052.14	999.70	55.24	13.308		
9,100.00	7,256.66	9,416.16	7,431.52	25.92	31.26	-118.38	1271.94	309.61	1,051.55	998.53	55.92	12.729		
9,200.00	7,253.62	9,515.73	7,432.75	26.23	31.63	-117.89	1287.67	320.13	1,050.96	997.36	56.60	12.150		
9,300.00	7,250.58	9,615.30	7,433.98	26.54	32.00	-117.40	1303.44	330.65	1,050.37	996.19	57.28	11.571		
9,400.00	7,247.54	9,714.87	7,435.21	26.85	32.36	-116.91	1319.25	341.17	1,049.78	995.02	57.96	10.992		
9,500.00	7,244.49	9,814.44	7,436.44	27.16	32.73	-116.42	1335.10	351.69	1,049.19	993.85	58.64	10.413		
9,600.00	7,241.45	9,914.01	7,437.67	27.47	33.10	-115.93	1351.01	362.21	1,048.60	992.68	59.32	9.834		
9,700.00	7,238.41	10,013.58	7,438.90	27.78	33.46	-115.44	1366.96	372.73	1,048.01	991.51	60.00	9.255		
9,800.00	7,235.37	10,113.15	7,440.13	28.09	33.83	-114.95	1382.95	383.25	1,047.42	990.34	60.68	8.676		
9,900.00	7,232.33	10,212.72	7,441.36	28.40	34.20	-114.46	1399.00	393.77	1,046.83	989.17	61.36	8.097		
10,000.00	7,229.28	10,312.29	7,442.59	28.71	34.56	-113.97	1415.11	404.29	1,046.24	988.00	62.04	7.518		
10,100.00	7,226.24	10,411.86	7,443.82	29.02	34.93	-113.48	1431.26	414.81	1,045.65	986.83	62.72	6.939		
10,200.00	7,223.20	10,511.43	7,445.05	29.33	35.30	-112.99	1447.43	425.33	1,045.06	985.66	63.40	6.360		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,300.00	7,220.16	6,873.51	6,679.52	50.79	21.93	37.02	888.66	66.50	2,351.41	2,307.93	43.48	54.075			
10,400.00	7,217.12	6,850.04	6,656.79	52.35	21.85	35.82	885.34	61.67	2,446.08	2,402.56	43.52	56.202			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.00	0.00	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	90.00	0.00	20.05	20.05	12.52	7.53	2.662	
200.00	200.00	200.00	200.00	3.31	3.31	90.00	0.00	20.05	20.05	12.47	7.57	2.647	
300.00	300.00	299.70	299.69	3.35	3.35	20.63	0.21	20.42	20.02	12.35	7.66	2.613	
400.00	399.93	399.09	399.02	3.41	3.41	19.29	1.90	23.42	19.78	12.00	7.78	2.542	
500.00	499.68	498.48	498.17	3.50	3.50	16.52	5.29	29.43	19.35	11.41	7.94	2.437	
600.00	599.13	597.86	597.00	3.62	3.62	12.16	10.35	38.42	18.79	10.66	8.13	2.311	
700.00	698.15	697.22	695.41	3.76	3.76	5.98	17.10	50.40	18.22	9.87	8.35	2.181	
725.84	723.67	722.90	720.75	3.80	3.80	4.06	19.12	53.97	18.16	9.74	8.42	2.157 CC	
800.00	796.71	796.57	793.26	3.94	3.93	-2.09	25.52	65.33	18.29	9.67	8.61	2.123 ES	
900.00	895.20	903.61	891.16	4.14	4.16	-10.02	35.09	82.32	20.62	11.65	8.97	2.299	
1,000.00	993.68	1,003.67	989.15	4.37	4.41	-16.24	44.70	99.38	23.32	13.95	9.37	2.489	
1,100.00	1,092.17	1,103.74	1,087.15	4.62	4.67	-21.12	54.32	116.44	26.24	16.43	9.81	2.674	
1,200.00	1,190.66	1,203.80	1,185.15	4.89	4.96	-25.00	63.93	133.50	29.31	19.02	10.30	2.847	
1,300.00	1,289.14	1,303.87	1,283.15	5.17	5.26	-28.13	73.54	150.56	32.49	21.68	10.81	3.005	
1,400.00	1,387.63	1,403.93	1,381.15	5.47	5.58	-30.70	83.16	167.62	35.75	24.40	11.35	3.149	
1,500.00	1,486.12	1,504.00	1,479.14	5.77	5.90	-32.84	92.77	184.68	39.07	27.15	11.92	3.278	
1,600.00	1,584.60	1,604.06	1,577.14	6.09	6.24	-34.64	102.38	201.74	42.43	29.93	12.51	3.393	
1,700.00	1,683.09	1,695.87	1,675.14	6.41	6.55	-36.18	111.99	218.80	45.84	32.75	13.09	3.502	
1,800.00	1,781.58	1,804.19	1,773.14	6.74	6.93	-37.50	121.61	235.86	49.26	35.54	13.72	3.590	
1,900.00	1,880.06	1,904.26	1,871.14	6.92	7.12	-38.65	131.22	252.92	52.72	39.04	13.68	3.854	
2,000.00	1,978.55	1,995.68	1,969.13	6.96	7.16	-39.66	140.83	269.98	56.19	42.43	13.75	4.085	
2,100.00	2,077.04	2,104.39	2,067.13	7.01	7.23	-40.55	150.45	287.04	59.67	45.80	13.87	4.303	
2,200.00	2,175.52	2,204.45	2,165.13	7.08	7.30	-41.34	160.06	304.10	63.17	49.16	14.01	4.508	
2,300.00	2,274.01	2,304.52	2,263.13	7.17	7.40	-42.05	169.67	321.16	66.68	52.49	14.19	4.700	
2,400.00	2,372.50	2,404.58	2,361.13	7.27	7.51	-42.68	179.28	338.22	70.20	55.81	14.39	4.878	
2,500.00	2,470.99	2,504.65	2,459.12	7.38	7.64	-43.26	188.90	355.28	73.72	59.10	14.62	5.042	
2,600.00	2,569.47	2,604.71	2,557.12	7.51	7.78	-43.78	198.51	372.34	77.26	62.37	14.88	5.191	
2,700.00	2,667.96	2,704.78	2,655.12	7.65	7.93	-44.26	208.12	389.40	80.79	65.63	15.17	5.327	
2,800.00	2,766.45	2,804.84	2,753.12	7.81	8.09	-44.70	217.74	406.46	84.34	68.86	15.48	5.449	
2,900.00	2,864.93	2,895.09	2,851.12	7.97	8.25	-45.10	227.35	423.52	87.89	72.09	15.80	5.564	
3,000.00	2,963.42	3,004.97	2,949.11	8.15	8.46	-45.47	236.96	440.58	91.44	75.27	16.17	5.656	
3,100.00	3,061.91	3,105.04	3,047.11	8.33	8.65	-45.82	246.57	457.64	95.00	78.45	16.54	5.742	
3,200.00	3,160.39	3,194.90	3,145.11	8.53	8.84	-46.14	256.19	474.70	98.55	81.64	16.92	5.825	
3,300.00	3,258.88	3,305.17	3,243.11	8.73	9.08	-46.43	265.80	491.76	102.12	84.76	17.35	5.885	
3,400.00	3,357.37	3,405.23	3,341.10	8.94	9.30	-46.71	275.41	508.82	105.68	87.90	17.78	5.943	
3,500.00	3,455.85	3,494.71	3,439.10	9.16	9.51	-46.97	285.03	525.88	109.25	91.04	18.20	6.001	
3,600.00	3,554.34	3,605.36	3,537.10	9.39	9.78	-47.21	294.64	542.94	112.82	94.13	18.69	6.037	
3,700.00	3,652.83	3,705.42	3,635.10	9.62	10.02	-47.44	304.25	560.00	116.39	97.23	19.16	6.075	
3,800.00	3,751.31	3,805.49	3,733.10	9.86	10.27	-47.65	313.86	577.06	119.96	100.32	19.64	6.107	
3,900.00	3,849.80	3,905.55	3,831.09	10.10	10.53	-47.85	323.48	594.12	123.53	103.39	20.14	6.134	
4,000.00	3,948.29	4,005.62	3,929.09	10.35	10.80	-48.04	333.09	611.18	127.11	106.46	20.65	6.156	
4,100.00	4,046.77	4,105.68	4,027.09	10.61	11.06	-48.22	342.70	628.24	130.69	109.52	21.16	6.175	
4,200.00	4,145.26	4,205.75	4,125.09	10.86	11.34	-48.39	352.32	645.30	134.27	112.58	21.69	6.190	
4,300.00	4,243.75	4,305.81	4,223.09	11.13	11.61	-48.55	361.93	662.36	137.84	115.62	22.22	6.203	
4,400.00	4,342.23	4,394.12	4,321.08	11.39	11.86	-48.71	371.54	679.42	141.42	118.69	22.73	6.221	
4,500.00	4,440.72	4,505.94	4,419.08	11.66	12.18	-48.85	381.15	696.48	145.01	121.69	23.32	6.219	
4,600.00	4,539.21	4,606.01	4,517.08	11.94	12.47	-48.99	390.77	713.54	148.59	124.72	23.87	6.225	
4,700.00	4,637.70	4,706.07	4,615.08	12.22	12.76	-49.12	400.38	730.60	152.17	127.74	24.43	6.228	
4,800.00	4,736.18	4,806.14	4,713.08	12.50	13.06	-49.25	409.99	747.66	155.75	130.75	25.00	6.230	
4,900.00	4,834.67	4,893.80	4,811.07	12.78	13.32	-49.37	419.61	764.72	159.34	133.80	25.54	6.239	
5,000.00	4,933.16	5,006.27	4,909.07	13.07	13.65	-49.49	429.22	781.78	162.92	136.77	26.15	6.229	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,106.33	5,007.07	13.35	13.96	-49.60	438.83	798.84	166.51	139.77	26.74	6.228	
5,200.00	5,130.13	5,193.60	5,105.07	13.64	14.22	-49.70	448.44	815.90	170.10	142.81	27.29	6.234	
5,300.00	5,228.62	5,306.46	5,203.07	13.94	14.57	-49.80	458.06	832.96	173.68	145.77	27.92	6.221	
5,400.00	5,327.10	5,406.53	5,301.06	14.23	14.88	-49.90	467.67	850.02	177.27	148.76	28.51	6.217	
5,500.00	5,425.59	5,506.59	5,399.06	14.53	15.19	-49.99	477.28	867.08	180.86	151.75	29.11	6.212	
5,600.00	5,524.08	5,593.34	5,497.06	14.83	15.46	-50.08	486.90	884.14	184.45	154.77	29.68	6.215	
5,700.00	5,622.56	5,706.72	5,595.06	15.13	15.81	-50.17	496.51	901.20	188.04	157.71	30.32	6.201	
5,800.00	5,721.05	5,806.79	5,693.05	15.43	16.13	-50.25	506.12	918.26	191.62	160.69	30.93	6.195	
5,900.00	5,819.54	5,906.85	5,791.05	15.73	16.45	-50.33	515.73	935.32	195.21	163.67	31.54	6.189	
6,000.00	5,918.02	6,006.92	5,889.05	16.03	16.77	-50.41	525.35	952.38	198.80	166.64	32.16	6.182	
6,100.00	6,016.51	6,106.98	5,987.05	16.34	17.09	-50.48	534.96	969.44	202.39	169.62	32.78	6.175	
6,200.00	6,115.00	6,207.04	6,085.05	16.65	17.41	-50.55	544.57	986.50	205.99	172.59	33.40	6.168	
6,300.00	6,213.48	6,292.89	6,183.04	16.95	17.69	-50.62	554.19	1,003.56	209.58	175.60	33.97	6.169	
6,400.00	6,311.97	6,397.92	6,286.33	17.26	17.98	-51.22	564.33	1,019.45	212.61	178.00	34.61	6.143	
6,500.00	6,410.46	6,506.07	6,393.82	17.57	18.18	-55.88	574.95	1,020.12	211.94	176.57	35.37	5.992	
6,588.85	6,497.96	6,595.32	6,481.58	17.85	18.28	-63.35	583.70	1,006.88	210.69	174.56	36.13	5.831	
6,600.00	6,508.95	6,605.92	6,491.86	17.88	18.29	-64.45	584.72	1,004.50	210.72	174.50	36.22	5.817	
6,700.00	6,607.69	6,695.08	6,576.39	18.17	18.34	-60.05	593.21	977.69	215.50	178.66	36.84	5.849	
6,800.00	6,707.39	6,778.56	6,651.44	18.34	18.34	31.74	600.79	942.06	228.68	191.87	36.80	6.214	
6,900.00	6,805.96	6,858.29	6,718.20	18.45	18.33	48.77	607.60	899.10	247.63	211.37	36.26	6.830	
7,000.00	6,900.99	6,935.06	6,776.94	18.49	18.30	47.55	613.63	850.12	269.61	234.16	35.45	7.606	
7,100.00	6,990.14	7,009.50	6,827.90	18.49	18.28	44.32	618.92	796.18	292.38	257.79	34.58	8.455	
7,200.00	7,071.20	7,082.10	6,871.24	18.47	18.28	41.16	623.48	738.16	314.29	280.47	33.83	9.291	
7,300.00	7,142.19	7,153.27	6,907.08	18.46	18.30	38.51	627.30	676.83	334.19	300.90	33.29	10.038	
7,400.00	7,201.35	7,223.33	6,935.48	18.48	18.37	36.42	630.41	612.90	351.25	318.19	33.06	10.624	
7,500.00	7,247.23	7,292.56	6,956.52	18.58	18.48	34.86	632.80	547.02	364.90	331.73	33.17	11.002	
7,600.00	7,278.70	7,361.20	6,970.23	18.78	18.65	33.79	634.46	479.82	374.74	341.11	33.62	11.145	
7,700.00	7,294.98	7,429.48	6,976.65	19.08	18.88	33.17	635.41	411.89	380.50	346.10	34.40	11.060	
7,800.00	7,296.21	7,510.04	6,976.06	19.48	19.23	33.00	635.73	331.35	381.85	346.47	35.39	10.790	
7,900.00	7,293.16	7,610.04	6,973.66	20.02	19.79	33.06	635.95	231.38	381.32	344.88	36.44	10.464	
8,000.00	7,290.12	7,710.03	6,971.25	20.67	20.48	33.11	636.18	131.41	380.79	343.18	37.62	10.123	
8,100.00	7,287.08	7,810.03	6,968.84	21.44	21.29	33.16	636.40	31.44	380.26	341.36	38.91	9.773	
8,200.00	7,284.04	7,910.03	6,966.44	22.31	22.19	33.22	636.63	-68.53	379.74	339.43	40.30	9.422	
8,300.00	7,281.00	8,010.03	6,964.03	23.26	23.18	33.27	636.85	-168.50	379.21	337.42	41.79	9.074	
8,400.00	7,277.95	8,110.03	6,961.63	24.29	24.24	33.32	637.08	-268.47	378.68	335.32	43.36	8.733	
8,500.00	7,274.91	8,210.02	6,959.22	25.39	25.36	33.38	637.30	-368.43	378.15	333.14	45.01	8.402	
8,600.00	7,271.87	8,310.02	6,956.81	26.55	26.55	33.43	637.53	-468.40	377.62	330.90	46.72	8.082	
8,700.00	7,268.83	8,410.02	6,954.41	27.76	27.78	33.48	637.75	-568.37	377.09	328.59	48.50	7.775	
8,800.00	7,265.79	8,510.02	6,952.00	29.01	29.05	33.54	637.98	-668.34	376.57	326.24	50.33	7.482	
8,900.00	7,262.75	8,610.02	6,949.59	30.31	30.36	33.59	638.20	-768.31	376.04	323.83	52.21	7.202	
9,000.00	7,259.70	8,710.01	6,947.19	31.64	31.71	33.65	638.43	-868.28	375.51	321.37	54.14	6.936	
9,100.00	7,256.66	8,810.01	6,944.78	33.00	33.08	33.70	638.65	-968.25	374.99	318.88	56.10	6.684	
9,200.00	7,253.62	8,910.01	6,942.38	34.38	34.48	33.76	638.88	-1,068.22	374.46	316.35	58.11	6.444	
9,300.00	7,250.58	9,010.01	6,939.97	35.80	35.91	33.81	639.10	-1,168.18	373.93	313.79	60.14	6.217	
9,400.00	7,247.54	9,110.01	6,937.56	37.23	37.35	33.86	639.33	-1,268.15	373.41	311.20	62.21	6.002	
9,500.00	7,244.49	9,210.00	6,935.16	38.68	38.81	33.92	639.55	-1,368.12	372.88	308.58	64.31	5.799	
9,600.00	7,241.45	9,310.00	6,932.75	40.15	40.29	33.98	639.78	-1,468.09	372.36	305.93	66.43	5.606	
9,700.00	7,238.41	9,410.00	6,930.34	41.64	41.79	34.03	640.00	-1,568.06	371.83	303.26	68.57	5.423	
9,800.00	7,235.37	9,510.00	6,927.94	43.14	43.29	34.09	640.23	-1,668.03	371.31	300.58	70.73	5.249	
9,900.00	7,232.33	9,610.00	6,925.53	44.65	44.81	34.14	640.45	-1,768.00	370.79	297.87	72.92	5.085	
10,000.00	7,229.28	9,709.99	6,923.13	46.17	46.34	34.20	640.68	-1,867.97	370.26	295.14	75.12	4.929	
10,100.00	7,226.24	9,809.99	6,920.72	47.70	47.87	34.25	640.90	-1,967.93	369.74	292.39	77.35	4.780	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,223.20	9,909.99	6,918.31	49.24	49.42	34.31	641.13	-2,067.90	369.22	289.63	79.59	4.639		
10,300.00	7,220.16	10,009.99	6,915.91	50.79	50.98	34.37	641.35	-2,167.87	368.70	286.86	81.84	4.505		
10,400.00	7,217.12	10,109.99	6,913.50	52.35	52.54	34.42	641.58	-2,267.84	368.17	284.07	84.10	4.378		
10,500.00	7,214.08	10,209.98	6,911.09	53.91	54.10	34.48	641.80	-2,367.81	367.65	281.27	86.39	4.256		
10,600.00	7,211.03	10,309.98	6,908.69	55.48	55.68	34.54	642.03	-2,467.78	367.13	278.45	88.68	4.140		
10,700.00	7,207.99	10,409.98	6,906.28	57.06	57.26	34.59	642.25	-2,567.75	366.61	275.63	90.98	4.029		
10,800.00	7,204.95	10,509.98	6,903.88	58.64	58.84	34.65	642.48	-2,667.72	366.09	272.79	93.30	3.924		
10,900.00	7,201.91	10,609.98	6,901.47	60.22	60.43	34.71	642.70	-2,767.68	365.57	269.94	95.63	3.823		
11,000.00	7,198.87	10,709.97	6,899.06	61.82	62.03	34.76	642.93	-2,867.65	365.05	267.09	97.96	3.726		
11,100.00	7,195.82	10,809.97	6,896.66	63.41	63.62	34.82	643.15	-2,967.62	364.53	264.22	100.31	3.634		
11,200.00	7,192.78	10,909.97	6,894.25	65.01	65.22	34.88	643.38	-3,067.59	364.01	261.34	102.67	3.546		
11,300.00	7,189.74	11,009.97	6,891.84	66.61	66.83	34.94	643.60	-3,167.56	363.49	258.46	105.03	3.461		
11,400.00	7,186.70	11,109.97	6,889.44	68.22	68.44	35.00	643.83	-3,267.53	362.97	255.57	107.41	3.379		
11,500.00	7,183.66	11,209.96	6,887.03	69.83	70.05	35.05	644.05	-3,367.50	362.46	252.67	109.79	3.301		
11,600.00	7,180.62	11,309.96	6,884.63	71.44	71.66	35.11	644.28	-3,467.47	361.94	249.76	112.18	3.226		
11,700.00	7,177.57	11,409.96	6,882.22	73.05	73.28	35.17	644.51	-3,567.44	361.42	246.85	114.58	3.154		
11,800.00	7,174.53	11,509.96	6,879.81	74.67	74.90	35.23	644.73	-3,667.40	360.91	243.92	116.98	3.085		
11,900.00	7,171.49	11,609.96	6,877.41	76.29	76.52	35.29	644.96	-3,767.37	360.39	241.00	119.39	3.019		
12,000.00	7,168.45	11,709.95	6,875.00	77.91	78.14	35.35	645.18	-3,867.34	359.87	238.06	121.81	2.954		
12,100.00	7,165.41	11,809.95	6,872.59	79.53	79.77	35.41	645.41	-3,967.31	359.36	235.12	124.24	2.892		
12,200.00	7,162.36	11,909.95	6,870.19	81.16	81.40	35.47	645.63	-4,067.28	358.84	232.17	126.67	2.833		
12,300.00	7,159.32	12,009.95	6,867.78	82.79	83.03	35.53	645.86	-4,167.25	358.33	229.22	129.11	2.775		
12,400.00	7,156.28	12,109.95	6,865.38	84.42	84.66	35.59	646.08	-4,267.22	357.81	226.26	131.56	2.720		
12,500.00	7,153.24	12,209.94	6,862.97	86.05	86.29	35.65	646.31	-4,367.19	357.30	223.29	134.01	2.666		
12,600.00	7,150.20	12,309.94	6,860.56	87.68	87.92	35.71	646.53	-4,467.15	356.79	220.32	136.47	2.614		
12,700.00	7,147.16	12,409.94	6,858.16	89.31	89.56	35.77	646.76	-4,567.12	356.27	217.34	138.93	2.564		
12,800.00	7,144.11	12,509.94	6,855.75	90.95	91.19	35.83	646.98	-4,667.09	355.76	214.36	141.40	2.516		
12,900.00	7,141.07	12,609.94	6,853.34	92.58	92.83	35.89	647.21	-4,767.06	355.25	211.37	143.87	2.469		
13,000.00	7,138.03	12,709.93	6,850.94	94.22	94.47	35.95	647.43	-4,867.03	354.74	208.38	146.36	2.424		
13,100.00	7,134.99	12,809.93	6,848.53	95.86	96.11	36.01	647.66	-4,967.00	354.22	205.38	148.84	2.380		
13,200.00	7,131.95	12,909.93	6,846.13	97.50	97.75	36.07	647.88	-5,066.97	353.71	202.38	151.33	2.337		
13,300.00	7,128.90	13,009.93	6,843.72	99.14	99.40	36.13	648.11	-5,166.94	353.20	199.37	153.83	2.296		
13,400.00	7,125.86	13,109.93	6,841.31	100.79	101.04	36.19	648.33	-5,266.90	352.69	196.36	156.33	2.256		
13,500.00	7,122.82	13,209.92	6,838.91	102.43	102.68	36.26	648.56	-5,366.87	352.18	193.34	158.84	2.217		
13,600.00	7,119.78	13,309.92	6,836.50	104.07	104.33	36.32	648.78	-5,466.84	351.67	190.32	161.36	2.179		
13,700.00	7,116.74	13,409.92	6,834.09	105.72	105.97	36.38	649.01	-5,566.81	351.16	187.29	163.87	2.143		
13,800.00	7,113.69	13,509.92	6,831.69	107.36	107.62	36.44	649.23	-5,666.78	350.65	184.26	166.40	2.107		
13,900.00	7,110.65	13,609.92	6,829.28	109.01	109.27	36.50	649.46	-5,766.75	350.14	181.22	168.93	2.073		
14,000.00	7,107.61	13,709.91	6,826.88	110.66	110.92	36.57	649.68	-5,866.72	349.64	178.18	171.46	2.039		
14,100.00	7,104.57	13,809.91	6,824.47	112.31	112.57	36.63	649.91	-5,966.69	349.13	175.13	174.00	2.007		
14,200.00	7,101.53	13,909.91	6,822.06	113.96	114.22	36.69	650.13	-6,066.65	348.62	172.08	176.54	1.975		
14,300.00	7,098.49	14,009.91	6,819.66	115.60	115.87	36.76	650.36	-6,166.62	348.12	169.03	179.09	1.944		
14,400.00	7,095.44	14,109.91	6,817.25	117.25	117.52	36.82	650.58	-6,266.59	347.61	165.97	181.64	1.914		
14,500.00	7,092.40	14,209.90	6,814.84	118.91	119.17	36.88	650.81	-6,366.56	347.10	162.90	184.20	1.884		
14,600.00	7,089.36	14,309.90	6,812.44	120.56	120.82	36.95	651.03	-6,466.53	346.60	159.84	186.76	1.856		
14,700.00	7,086.32	14,409.90	6,810.03	122.21	122.48	37.01	651.26	-6,566.50	346.09	156.76	189.33	1.828		
14,800.00	7,083.28	14,509.90	6,807.63	123.86	124.13	37.07	651.48	-6,666.47	345.59	153.69	191.90	1.801		
14,900.00	7,080.23	14,609.90	6,805.22	125.51	125.78	37.14	651.71	-6,766.44	345.08	150.61	194.48	1.774		
15,000.00	7,077.19	14,709.89	6,802.81	127.17	127.44	37.20	651.93	-6,866.40	344.58	147.52	197.06	1.749		
15,100.00	7,074.15	14,809.89	6,800.41	128.82	129.09	37.27	652.16	-6,966.37	344.08	144.43	199.65	1.723		
15,200.00	7,071.11	14,909.89	6,798.00	130.48	130.75	37.33	652.38	-7,066.34	343.57	141.34	202.24	1.699		
15,300.00	7,068.07	15,009.89	6,795.59	132.13	132.40	37.40	652.61	-7,166.31	343.07	138.24	204.83	1.675		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	7,065.03	15,109.89	6,793.19	133.79	134.06	37.46	652.83	-7,266.28	342.57	135.14	207.43	1.651	
15,500.00	7,061.98	15,209.88	6,790.78	135.44	135.72	37.53	653.06	-7,366.25	342.07	132.03	210.04	1.629	
15,600.00	7,058.94	15,309.88	6,788.38	137.10	137.37	37.59	653.28	-7,466.22	341.57	128.92	212.65	1.606	
15,665.20	7,056.96	15,375.08	6,786.81	138.18	138.45	37.64	653.43	-7,531.39	341.24	126.89	214.35	1.592 SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.00	0.00	39.81	39.81				
100.00	100.00	101.00	101.00	3.28	3.28	90.00	0.00	39.81	39.81	32.28	7.53	5.288	
200.00	200.00	201.00	201.00	3.31	3.31	90.00	0.00	39.81	39.81	32.24	7.57	5.256	
300.00	300.00	300.44	300.43	3.35	3.35	20.63	0.26	40.17	39.77	32.10	7.66	5.190	
400.00	399.93	399.32	399.26	3.41	3.42	19.43	2.31	42.94	39.32	31.53	7.78	5.051	
500.00	499.68	498.19	497.88	3.50	3.51	16.97	6.39	48.45	38.44	30.50	7.94	4.840	
600.00	599.13	597.03	596.18	3.62	3.62	13.10	12.49	56.69	37.26	29.13	8.14	4.580	
700.00	698.15	695.82	694.03	3.76	3.76	7.60	20.59	67.64	35.96	27.60	8.36	4.301	
780.16	777.24	774.97	772.04	3.90	3.89	1.84	28.53	78.37	35.60	27.04	8.57	4.155	
800.00	796.71	794.56	791.29	3.94	3.93	0.26	30.69	81.29	35.30	26.68	8.62	4.094 CC, ES	
900.00	895.20	906.31	888.36	4.14	4.17	-8.02	42.65	97.46	37.93	28.97	8.96	4.233	
1,000.00	993.68	993.49	985.96	4.37	4.39	-15.14	55.03	114.18	41.83	32.50	9.33	4.484	
1,100.00	1,092.17	1,106.71	1,083.57	4.62	4.69	-20.99	67.40	130.90	46.26	36.46	9.80	4.722	
1,200.00	1,190.66	1,193.09	1,181.18	4.89	4.95	-25.77	79.77	147.62	51.09	40.84	10.25	4.985	
1,300.00	1,289.14	1,307.10	1,278.79	5.17	5.30	-29.70	92.15	164.34	56.21	45.40	10.80	5.203	
1,400.00	1,387.63	1,407.30	1,376.40	5.47	5.63	-32.97	104.52	181.06	61.55	50.19	11.35	5.421	
1,500.00	1,486.12	1,492.50	1,474.01	5.77	5.92	-35.71	116.89	197.78	67.06	55.16	11.89	5.639	
1,600.00	1,584.60	1,592.30	1,571.62	6.09	6.26	-38.03	129.26	214.50	72.69	60.20	12.49	5.820	
1,700.00	1,683.09	1,692.10	1,669.23	6.41	6.62	-40.01	141.64	231.22	78.43	65.33	13.11	5.984	
1,800.00	1,781.58	1,808.10	1,766.84	6.74	7.02	-41.72	154.01	247.94	84.25	70.48	13.78	6.115	
1,900.00	1,880.06	1,908.30	1,864.45	6.92	7.21	-43.21	166.38	264.67	90.14	76.40	13.74	6.560	
2,000.00	1,978.55	1,991.50	1,962.06	6.96	7.25	-44.52	178.76	281.39	96.08	82.25	13.83	6.949	
2,100.00	2,077.04	2,108.70	2,059.67	7.01	7.33	-45.67	191.13	298.11	102.06	88.11	13.95	7.314	
2,200.00	2,175.52	2,191.11	2,157.28	7.08	7.40	-46.69	203.50	314.83	108.08	93.98	14.10	7.667	
2,300.00	2,274.01	2,290.91	2,254.89	7.17	7.50	-47.61	215.87	331.55	114.13	99.85	14.28	7.992	
2,400.00	2,372.50	2,409.29	2,352.49	7.27	7.63	-48.43	228.25	348.27	120.21	105.69	14.51	8.284	
2,500.00	2,470.99	2,509.49	2,450.10	7.38	7.76	-49.18	240.62	364.99	126.30	111.55	14.76	8.560	
2,600.00	2,569.47	2,609.69	2,547.71	7.51	7.91	-49.85	252.99	381.71	132.42	117.39	15.03	8.812	
2,700.00	2,667.96	2,709.89	2,645.32	7.65	8.07	-50.47	265.37	398.43	138.56	123.23	15.33	9.041	
2,800.00	2,766.45	2,789.91	2,742.93	7.81	8.21	-51.03	277.74	415.15	144.71	129.09	15.62	9.267	
2,900.00	2,864.93	2,889.71	2,840.54	7.97	8.39	-51.55	290.11	431.87	150.87	134.91	15.96	9.454	
3,000.00	2,963.42	2,989.51	2,938.15	8.15	8.58	-52.03	302.48	448.60	157.04	140.72	16.32	9.621	
3,100.00	3,061.91	3,089.32	3,035.76	8.33	8.78	-52.47	314.86	465.32	163.22	146.52	16.71	9.769	
3,200.00	3,160.39	3,189.12	3,133.37	8.53	8.99	-52.88	327.23	482.04	169.42	152.30	17.11	9.900	
3,300.00	3,258.88	3,288.92	3,230.98	8.73	9.22	-53.26	339.60	498.76	175.62	158.08	17.53	10.016	
3,400.00	3,357.37	3,388.72	3,328.59	8.94	9.45	-53.61	351.98	515.48	181.82	163.85	17.97	10.117	
3,500.00	3,455.85	3,488.52	3,426.20	9.16	9.68	-53.94	364.35	532.20	188.04	169.61	18.43	10.204	
3,600.00	3,554.34	3,588.32	3,523.81	9.39	9.93	-54.25	376.72	548.92	194.26	175.36	18.90	10.281	
3,700.00	3,652.83	3,688.12	3,621.42	9.62	10.18	-54.54	389.09	565.64	200.48	181.11	19.38	10.347	
3,800.00	3,751.31	3,787.92	3,719.03	9.86	10.44	-54.82	401.47	582.36	206.71	186.84	19.87	10.403	
3,900.00	3,849.80	3,887.72	3,816.63	10.10	10.70	-55.07	413.84	599.08	212.95	192.57	20.38	10.451	
4,000.00	3,948.29	3,987.52	3,914.24	10.35	10.97	-55.32	426.21	615.81	219.18	198.29	20.89	10.492	
4,100.00	4,046.77	4,087.33	4,011.85	10.61	11.25	-55.55	438.59	632.53	225.43	204.01	21.42	10.526	
4,200.00	4,145.26	4,187.13	4,109.46	10.86	11.53	-55.76	450.96	649.25	231.67	209.72	21.95	10.554	
4,300.00	4,243.75	4,286.93	4,207.07	11.13	11.81	-55.97	463.33	665.97	237.92	215.43	22.49	10.577	
4,400.00	4,342.23	4,386.73	4,304.68	11.39	12.10	-56.16	475.71	682.69	244.17	221.13	23.05	10.595	
4,500.00	4,440.72	4,486.53	4,402.29	11.66	12.39	-56.35	488.08	699.41	250.43	226.82	23.60	10.610	
4,600.00	4,539.21	4,586.33	4,499.90	11.94	12.68	-56.52	500.45	716.13	256.68	232.51	24.17	10.621	
4,700.00	4,637.70	4,686.13	4,597.51	12.22	12.98	-56.69	512.82	732.85	262.94	238.20	24.74	10.629	
4,800.00	4,736.18	4,785.93	4,695.12	12.50	13.28	-56.85	525.20	749.57	269.20	243.89	25.32	10.634	
4,900.00	4,834.67	4,885.73	4,792.73	12.78	13.59	-57.00	537.57	766.29	275.46	249.57	25.90	10.636	
5,000.00	4,933.16	4,985.54	4,890.34	13.07	13.89	-57.15	549.94	783.01	281.73	255.24	26.49	10.637	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,085.34	4,987.95	13.35	14.20	-57.29	562.32	799.74	288.00	260.92	27.08	10.636	
5,200.00	5,130.13	5,185.14	5,085.56	13.64	14.51	-57.42	574.69	816.46	294.26	266.59	27.67	10.633	
5,300.00	5,228.62	5,284.94	5,183.16	13.94	14.83	-57.55	587.06	833.18	300.53	272.26	28.28	10.629	
5,400.00	5,327.10	5,384.74	5,280.77	14.23	15.14	-57.67	599.43	849.90	306.80	277.92	28.88	10.623	
5,500.00	5,425.59	5,484.54	5,378.38	14.53	15.46	-57.79	611.81	866.62	313.08	283.59	29.49	10.617	
5,600.00	5,524.08	5,584.34	5,475.99	14.83	15.78	-57.90	624.18	883.34	319.35	289.25	30.10	10.610	
5,700.00	5,622.56	5,684.14	5,573.60	15.13	16.10	-58.01	636.55	900.06	325.63	294.91	30.72	10.601	
5,800.00	5,721.05	5,783.94	5,671.21	15.43	16.42	-58.12	648.93	916.78	331.90	300.57	31.33	10.593	
5,900.00	5,819.54	5,883.75	5,768.82	15.73	16.75	-58.22	661.30	933.50	338.18	306.22	31.95	10.583	
6,000.00	5,918.02	5,983.55	5,866.43	16.03	17.07	-58.31	673.67	950.22	344.46	311.88	32.58	10.573	
6,100.00	6,016.51	6,083.35	5,964.04	16.34	17.40	-58.41	686.04	966.94	350.74	317.53	33.20	10.563	
6,200.00	6,115.00	6,183.15	6,061.65	16.65	17.73	-58.50	698.42	983.67	357.02	323.18	33.83	10.552	
6,300.00	6,213.48	6,282.95	6,159.26	16.95	18.05	-58.58	710.79	1,000.39	363.30	328.83	34.46	10.541	
6,400.00	6,311.97	6,382.75	6,256.87	17.26	18.38	-58.67	723.16	1,017.11	369.58	334.48	35.10	10.530	
6,500.00	6,410.46	6,482.55	6,354.48	17.57	18.72	-58.75	735.54	1,033.83	375.86	340.13	35.73	10.519	
6,600.00	6,508.95	6,590.39	6,460.71	17.88	19.01	-59.79	749.04	1,045.53	381.26	344.87	36.39	10.477	
6,700.00	6,607.69	6,695.64	6,564.82	18.17	19.19	-48.04	762.39	1,039.61	385.20	348.17	37.03	10.402	
6,800.00	6,707.39	6,796.62	6,662.49	18.34	19.29	50.19	775.02	1,017.77	390.23	352.76	37.47	10.415	
6,900.00	6,805.96	6,894.08	6,752.36	18.45	19.34	72.32	786.75	982.18	396.52	358.78	37.74	10.506	
7,000.00	6,900.99	6,988.44	6,833.24	18.49	19.34	74.81	797.39	934.95	403.81	365.94	37.87	10.664	
7,100.00	6,990.14	7,080.11	6,904.36	18.49	19.31	74.10	806.86	878.01	411.71	373.83	37.88	10.869	
7,200.00	7,071.20	7,169.47	6,965.17	18.47	19.27	72.52	815.05	813.14	419.80	381.96	37.84	11.094	
7,300.00	7,142.19	7,256.90	7,015.38	18.46	19.24	70.74	821.93	741.99	427.68	389.85	37.83	11.306	
7,400.00	7,201.35	7,342.71	7,054.81	18.48	19.24	69.04	827.46	666.05	434.94	397.02	37.92	11.471	
7,500.00	7,247.23	7,427.21	7,083.39	18.58	19.29	67.54	831.63	586.70	441.21	403.04	38.18	11.557	
7,600.00	7,278.70	7,510.68	7,101.14	18.78	19.43	66.30	834.43	505.25	446.21	407.57	38.64	11.547	
7,700.00	7,294.98	7,593.37	7,108.16	19.08	19.66	65.35	835.86	422.93	449.70	410.37	39.33	11.435	
7,800.00	7,296.21	7,686.28	7,106.17	19.48	20.05	64.92	836.20	330.05	450.97	410.72	40.25	11.205	
7,900.00	7,293.16	7,786.28	7,103.12	20.02	20.62	64.93	836.46	230.10	451.01	409.59	41.42	10.889	
8,000.00	7,290.12	7,886.28	7,100.07	20.67	21.33	64.93	836.72	130.14	451.05	408.25	42.79	10.540	
8,100.00	7,287.08	7,986.28	7,097.02	21.44	22.14	64.93	836.97	30.19	451.08	406.74	44.35	10.172	
8,200.00	7,284.04	8,086.28	7,093.97	22.31	23.05	64.93	837.23	-69.76	451.12	405.05	46.06	9.793	
8,300.00	7,281.00	8,186.28	7,090.92	23.26	24.04	64.93	837.49	-169.72	451.15	403.23	47.93	9.413	
8,400.00	7,277.95	8,286.28	7,087.87	24.29	25.10	64.93	837.74	-269.67	451.19	401.27	49.92	9.039	
8,500.00	7,274.91	8,386.28	7,084.82	25.39	26.22	64.93	838.00	-369.62	451.23	399.20	52.02	8.673	
8,600.00	7,271.87	8,486.28	7,081.77	26.55	27.39	64.93	838.26	-469.58	451.26	397.03	54.23	8.321	
8,700.00	7,268.83	8,586.28	7,078.72	27.76	28.61	64.93	838.51	-569.53	451.30	394.77	56.53	7.984	
8,800.00	7,265.79	8,686.28	7,075.67	29.01	29.88	64.93	838.77	-669.48	451.34	392.43	58.90	7.663	
8,900.00	7,262.75	8,786.28	7,072.62	30.31	31.18	64.94	839.02	-769.43	451.37	390.03	61.35	7.358	
9,000.00	7,259.70	8,886.28	7,069.57	31.64	32.51	64.94	839.28	-869.39	451.41	387.56	63.85	7.070	
9,100.00	7,256.66	8,986.28	7,066.52	33.00	33.88	64.94	839.54	-969.34	451.44	385.04	66.41	6.798	
9,200.00	7,253.62	9,086.28	7,063.47	34.38	35.27	64.94	839.79	-1,069.29	451.48	382.47	69.01	6.542	
9,300.00	7,250.58	9,186.28	7,060.42	35.80	36.68	64.94	840.05	-1,169.25	451.52	379.85	71.66	6.300	
9,400.00	7,247.54	9,286.28	7,057.37	37.23	38.11	64.94	840.31	-1,269.20	451.55	377.20	74.35	6.073	
9,500.00	7,244.49	9,386.28	7,054.32	38.68	39.56	64.94	840.56	-1,369.15	451.59	374.52	77.07	5.859	
9,600.00	7,241.45	9,486.28	7,051.27	40.15	41.03	64.94	840.82	-1,469.11	451.63	371.80	79.83	5.658	
9,700.00	7,238.41	9,586.28	7,048.22	41.64	42.52	64.94	841.08	-1,569.06	451.66	369.06	82.61	5.468	
9,800.00	7,235.37	9,686.28	7,045.17	43.14	44.01	64.94	841.33	-1,669.01	451.70	366.29	85.41	5.289	
9,900.00	7,232.33	9,786.28	7,042.12	44.65	45.52	64.95	841.59	-1,768.97	451.74	363.50	88.24	5.120	
10,000.00	7,229.28	9,886.28	7,039.07	46.17	47.04	64.95	841.84	-1,868.92	451.77	360.69	91.08	4.960	
10,100.00	7,226.24	9,986.28	7,036.02	47.70	48.57	64.95	842.10	-1,968.87	451.81	357.86	93.95	4.809	
10,200.00	7,223.20	10,086.28	7,032.97	49.24	50.10	64.95	842.36	-2,068.83	451.84	355.01	96.83	4.666	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,220.16	10,186.28	7,029.92	50.79	51.65	64.95	842.61	-2,168.78	451.88	352.15	99.73	4.531		
10,400.00	7,217.12	10,286.28	7,026.87	52.35	53.20	64.95	842.87	-2,268.73	451.92	349.27	102.64	4.403		
10,500.00	7,214.08	10,386.28	7,023.82	53.91	54.76	64.95	843.13	-2,368.68	451.95	346.38	105.57	4.281		
10,600.00	7,211.03	10,486.28	7,020.77	55.48	56.33	64.95	843.38	-2,468.64	451.99	343.48	108.51	4.166		
10,700.00	7,207.99	10,586.28	7,017.72	57.06	57.90	64.95	843.64	-2,568.59	452.03	340.57	111.45	4.056		
10,800.00	7,204.95	10,686.28	7,014.67	58.64	59.48	64.95	843.90	-2,668.54	452.06	337.65	114.41	3.951		
10,900.00	7,201.91	10,786.28	7,011.62	60.22	61.06	64.96	844.15	-2,768.50	452.10	334.72	117.38	3.852		
11,000.00	7,198.87	10,886.28	7,008.57	61.82	62.65	64.96	844.41	-2,868.45	452.13	331.78	120.35	3.757		
11,100.00	7,195.82	10,986.28	7,005.52	63.41	64.24	64.96	844.66	-2,968.40	452.17	328.83	123.34	3.666		
11,200.00	7,192.78	11,086.28	7,002.47	65.01	65.84	64.96	844.92	-3,068.36	452.21	325.88	126.33	3.580		
11,300.00	7,189.74	11,186.28	6,999.42	66.61	67.44	64.96	845.18	-3,168.31	452.24	322.92	129.33	3.497		
11,400.00	7,186.70	11,286.28	6,996.37	68.22	69.04	64.96	845.43	-3,268.26	452.28	319.95	132.33	3.418		
11,500.00	7,183.66	11,386.28	6,993.32	69.83	70.65	64.96	845.69	-3,368.22	452.32	316.97	135.34	3.342		
11,600.00	7,180.62	11,486.28	6,990.27	71.44	72.26	64.96	845.95	-3,468.17	452.35	313.99	138.36	3.269		
11,700.00	7,177.57	11,586.28	6,987.22	73.05	73.87	64.96	846.20	-3,568.12	452.39	311.01	141.38	3.200		
11,800.00	7,174.53	11,686.28	6,984.17	74.67	75.48	64.96	846.46	-3,668.08	452.43	308.02	144.41	3.133		
11,900.00	7,171.49	11,786.28	6,981.12	76.29	77.10	64.97	846.72	-3,768.03	452.46	305.02	147.44	3.069		
12,000.00	7,168.45	11,886.28	6,978.07	77.91	78.72	64.97	846.97	-3,867.98	452.50	302.02	150.47	3.007		
12,100.00	7,165.41	11,986.28	6,975.02	79.53	80.34	64.97	847.23	-3,967.93	452.53	299.02	153.51	2.948		
12,200.00	7,162.36	12,086.28	6,971.97	81.16	81.96	64.97	847.48	-4,067.89	452.57	296.01	156.56	2.891		
12,300.00	7,159.32	12,186.28	6,968.92	82.79	83.59	64.97	847.74	-4,167.84	452.61	293.00	159.60	2.836		
12,400.00	7,156.28	12,286.28	6,965.87	84.42	85.22	64.97	848.00	-4,267.79	452.64	289.99	162.65	2.783		
12,500.00	7,153.24	12,386.28	6,962.82	86.05	86.84	64.97	848.25	-4,367.75	452.68	286.97	165.71	2.732		
12,600.00	7,150.20	12,486.28	6,959.77	87.68	88.47	64.97	848.51	-4,467.70	452.72	283.95	168.77	2.683		
12,700.00	7,147.16	12,586.28	6,956.72	89.31	90.11	64.97	848.77	-4,567.65	452.75	280.93	171.83	2.635		
12,800.00	7,144.11	12,686.28	6,953.67	90.95	91.74	64.97	849.02	-4,667.61	452.79	277.90	174.89	2.589		
12,900.00	7,141.07	12,786.28	6,950.62	92.58	93.37	64.98	849.28	-4,767.56	452.82	274.87	177.95	2.545		
13,000.00	7,138.03	12,886.28	6,947.57	94.22	95.01	64.98	849.54	-4,867.51	452.86	271.84	181.02	2.502		
13,100.00	7,134.99	12,986.28	6,944.52	95.86	96.65	64.98	849.79	-4,967.47	452.90	268.81	184.09	2.460		
13,200.00	7,131.95	13,086.28	6,941.47	97.50	98.29	64.98	850.05	-5,067.42	452.93	265.77	187.16	2.420		
13,300.00	7,128.90	13,186.28	6,938.42	99.14	99.93	64.98	850.30	-5,167.37	452.97	262.73	190.24	2.381		
13,400.00	7,125.86	13,286.28	6,935.37	100.79	101.57	64.98	850.56	-5,267.33	453.01	259.69	193.31	2.343		
13,500.00	7,122.82	13,386.28	6,932.32	102.43	103.21	64.98	850.82	-5,367.28	453.04	256.65	196.39	2.307		
13,600.00	7,119.78	13,486.28	6,929.27	104.07	104.85	64.98	851.07	-5,467.23	453.08	253.61	199.47	2.271		
13,700.00	7,116.74	13,586.28	6,926.22	105.72	106.49	64.98	851.33	-5,567.19	453.11	250.56	202.55	2.237		
13,800.00	7,113.69	13,686.28	6,923.17	107.36	108.14	64.98	851.59	-5,667.14	453.15	247.51	205.64	2.204		
13,900.00	7,110.65	13,786.28	6,920.12	109.01	109.78	64.99	851.84	-5,767.09	453.19	244.47	208.72	2.171		
14,000.00	7,107.61	13,886.28	6,917.07	110.66	111.43	64.99	852.10	-5,867.04	453.22	241.41	211.81	2.140		
14,100.00	7,104.57	13,986.28	6,914.02	112.31	113.08	64.99	852.36	-5,967.00	453.26	238.36	214.90	2.109		
14,200.00	7,101.53	14,086.28	6,910.97	113.96	114.72	64.99	852.61	-6,066.95	453.30	235.31	217.99	2.079		
14,300.00	7,098.49	14,186.28	6,907.92	115.60	116.37	64.99	852.87	-6,166.90	453.33	232.25	221.08	2.051		
14,400.00	7,095.44	14,286.28	6,904.87	117.25	118.02	64.99	853.12	-6,266.86	453.37	229.20	224.17	2.022		
14,500.00	7,092.40	14,386.28	6,901.82	118.91	119.67	64.99	853.38	-6,366.81	453.41	226.14	227.26	1.995		
14,600.00	7,089.36	14,486.28	6,898.77	120.56	121.32	64.99	853.64	-6,466.76	453.44	223.08	230.36	1.968		
14,700.00	7,086.32	14,586.28	6,895.72	122.21	122.97	64.99	853.89	-6,566.72	453.48	220.02	233.45	1.942		
14,800.00	7,083.28	14,686.28	6,892.67	123.86	124.62	64.99	854.15	-6,666.67	453.51	216.96	236.55	1.917		
14,900.00	7,080.23	14,786.28	6,889.61	125.51	126.27	65.00	854.41	-6,766.62	453.55	213.90	239.65	1.893		
15,000.00	7,077.19	14,886.28	6,886.56	127.17	127.93	65.00	854.66	-6,866.58	453.59	210.84	242.75	1.869		
15,100.00	7,074.15	14,986.28	6,883.51	128.82	129.58	65.00	854.92	-6,966.53	453.62	207.77	245.85	1.845		
15,200.00	7,071.11	15,086.28	6,880.46	130.48	131.23	65.00	855.18	-7,066.48	453.66	204.71	248.95	1.822		
15,300.00	7,068.07	15,186.28	6,877.41	132.13	132.89	65.00	855.43	-7,166.44	453.70	201.64	252.05	1.800		
15,400.00	7,065.03	15,286.28	6,874.36	133.79	134.54	65.00	855.69	-7,266.39	453.73	198.58	255.16	1.778		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,061.98	15,386.28	6,871.31	135.44	136.20	65.00	855.95	-7,366.34	453.77	195.51	258.26	1.757	
15,600.00	7,058.94	15,486.28	6,868.26	137.10	137.85	65.00	856.20	-7,466.29	453.81	192.44	261.36	1.736	
15,665.20	7,056.96	15,551.48	6,866.28	138.18	138.93	65.00	856.37	-7,531.46	453.83	190.44	263.39	1.723 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.34	-0.36	59.86	59.86				
100.00	100.00	101.00	101.00	3.28	3.28	90.34	-0.36	59.86	59.86	52.33	7.53	7.951	
200.00	200.00	201.00	201.00	3.31	3.31	90.34	-0.36	59.86	59.86	52.28	7.57	7.903	
300.00	300.00	300.23	300.23	3.35	3.35	21.00	-0.06	60.18	59.78	52.12	7.66	7.802	
400.00	399.93	398.71	398.64	3.41	3.42	19.95	2.24	62.71	59.09	51.30	7.78	7.590	
500.00	499.68	497.15	496.84	3.50	3.51	17.80	6.83	67.72	57.73	49.79	7.94	7.267	
600.00	599.13	595.53	594.69	3.62	3.62	14.41	13.69	75.21	55.85	47.71	8.14	6.861	
700.00	698.15	693.83	692.05	3.76	3.75	9.57	22.80	85.17	53.68	45.30	8.37	6.412	
800.00	796.71	792.02	788.80	3.94	3.92	2.99	34.15	97.58	52.00	43.37	8.63	6.024	
804.17	800.82	796.12	792.82	3.94	3.93	2.68	34.67	98.15	52.00	43.35	8.64	6.016 CC, ES	
900.00	895.20	890.03	884.72	4.14	4.13	-5.00	47.70	112.39	53.93	45.01	8.92	6.043	
1,000.00	993.68	989.49	981.65	4.37	4.38	-12.71	62.73	128.83	58.80	49.50	9.30	6.321	
1,100.00	1,092.17	1,089.08	1,078.71	4.62	4.66	-19.16	77.80	145.30	64.58	54.84	9.73	6.635	
1,200.00	1,190.66	1,188.67	1,175.76	4.89	4.96	-24.50	92.86	161.77	71.04	60.83	10.21	6.959	
1,300.00	1,289.14	1,288.26	1,272.82	5.17	5.28	-28.93	107.92	178.24	78.01	67.28	10.72	7.275	
1,400.00	1,387.63	1,387.85	1,369.88	5.47	5.61	-32.61	122.99	194.70	85.37	74.10	11.27	7.575	
1,500.00	1,486.12	1,487.44	1,466.94	5.77	5.96	-35.69	138.05	211.17	93.02	81.17	11.84	7.853	
1,600.00	1,584.60	1,587.03	1,564.00	6.09	6.32	-38.31	153.12	227.64	100.90	88.45	12.45	8.107	
1,700.00	1,683.09	1,686.63	1,661.06	6.41	6.69	-40.54	168.18	244.11	108.96	95.89	13.07	8.339	
1,800.00	1,781.58	1,786.22	1,758.12	6.74	7.07	-42.46	183.24	260.58	117.16	103.46	13.70	8.550	
1,900.00	1,880.06	1,885.81	1,855.17	6.92	7.30	-44.13	198.31	277.04	125.48	111.78	13.70	9.159	
2,000.00	1,978.55	1,985.40	1,952.23	6.96	7.38	-45.59	213.37	293.51	133.88	120.07	13.81	9.694	
2,100.00	2,077.04	2,084.99	2,049.29	7.01	7.44	-46.88	228.43	309.98	142.37	128.43	13.93	10.217	
2,200.00	2,175.52	2,184.58	2,146.35	7.08	7.53	-48.02	243.50	326.45	150.91	136.83	14.09	10.711	
2,300.00	2,274.01	2,284.18	2,243.41	7.17	7.63	-49.04	258.56	342.92	159.52	145.24	14.28	11.174	
2,400.00	2,372.50	2,383.77	2,340.47	7.27	7.75	-49.95	273.63	359.38	168.16	153.67	14.49	11.603	
2,500.00	2,470.99	2,483.36	2,437.52	7.38	7.89	-50.78	288.69	375.85	176.85	162.11	14.74	11.999	
2,600.00	2,569.47	2,582.95	2,534.58	7.51	8.04	-51.53	303.75	392.32	185.56	170.55	15.01	12.361	
2,700.00	2,667.96	2,682.54	2,631.64	7.65	8.20	-52.21	318.82	408.79	194.31	179.00	15.31	12.690	
2,800.00	2,766.45	2,782.13	2,728.70	7.81	8.37	-52.83	333.88	425.26	203.08	187.44	15.64	12.987	
2,900.00	2,864.93	2,881.72	2,825.76	7.97	8.56	-53.40	348.95	441.72	211.87	195.89	15.99	13.254	
3,000.00	2,963.42	2,981.32	2,922.82	8.15	8.76	-53.93	364.01	458.19	220.68	204.33	16.36	13.492	
3,100.00	3,061.91	3,080.91	3,019.88	8.33	8.97	-54.41	379.07	474.66	229.51	212.76	16.75	13.704	
3,200.00	3,160.39	3,180.50	3,116.93	8.53	9.19	-54.86	394.14	491.13	238.36	221.20	17.16	13.891	
3,300.00	3,258.88	3,280.09	3,213.99	8.73	9.42	-55.28	409.20	507.60	247.21	229.63	17.59	14.056	
3,400.00	3,357.37	3,379.68	3,311.05	8.94	9.66	-55.66	424.26	524.06	256.08	238.05	18.03	14.201	
3,500.00	3,455.85	3,479.27	3,408.11	9.16	9.91	-56.03	439.33	540.53	264.96	246.47	18.49	14.327	
3,600.00	3,554.34	3,578.86	3,505.17	9.39	10.16	-56.37	454.39	557.00	273.85	254.88	18.97	14.437	
3,700.00	3,652.83	3,678.46	3,602.23	9.62	10.42	-56.68	469.46	573.47	282.75	263.29	19.46	14.532	
3,800.00	3,751.31	3,778.05	3,699.28	9.86	10.69	-56.98	484.52	589.94	291.66	271.70	19.96	14.613	
3,900.00	3,849.80	3,877.64	3,796.34	10.10	10.97	-57.26	499.58	606.40	300.57	280.10	20.47	14.683	
4,000.00	3,948.29	3,977.23	3,893.40	10.35	11.24	-57.52	514.65	622.87	309.49	288.50	20.99	14.742	
4,100.00	4,046.77	4,076.82	3,990.46	10.61	11.53	-57.77	529.71	639.34	318.42	296.89	21.53	14.792	
4,200.00	4,145.26	4,176.41	4,087.52	10.86	11.82	-58.01	544.78	655.81	327.35	305.29	22.07	14.834	
4,300.00	4,243.75	4,276.00	4,184.58	11.13	12.11	-58.23	559.84	672.28	336.29	313.67	22.62	14.868	
4,400.00	4,342.23	4,375.60	4,281.63	11.39	12.41	-58.44	574.90	688.75	345.23	322.06	23.18	14.896	
4,500.00	4,440.72	4,475.19	4,378.69	11.66	12.71	-58.64	589.97	705.21	354.18	330.44	23.74	14.918	
4,600.00	4,539.21	4,574.78	4,475.75	11.94	13.01	-58.84	605.03	721.68	363.13	338.82	24.31	14.935	
4,700.00	4,637.70	4,674.37	4,572.81	12.22	13.32	-59.02	620.09	738.15	372.09	347.20	24.89	14.948	
4,800.00	4,736.18	4,773.96	4,669.87	12.50	13.63	-59.19	635.16	754.62	381.05	355.57	25.48	14.957	
4,900.00	4,834.67	4,873.55	4,766.93	12.78	13.94	-59.36	650.22	771.09	390.01	363.94	26.07	14.962	
5,000.00	4,933.16	4,973.14	4,863.99	13.07	14.26	-59.51	665.29	787.55	398.97	372.31	26.66	14.965	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,072.74	4,961.04	13.35	14.58	-59.66	680.35	804.02	407.94	380.68	27.26	14.965		
5,200.00	5,130.13	5,172.33	5,058.10	13.64	14.90	-59.81	695.41	820.49	416.91	389.05	27.86	14.962		
5,300.00	5,228.62	5,271.92	5,155.16	13.94	15.22	-59.95	710.48	836.96	425.89	397.41	28.47	14.958		
5,400.00	5,327.10	5,371.51	5,252.22	14.23	15.55	-60.08	725.54	853.43	434.86	405.78	29.08	14.952		
5,500.00	5,425.59	5,471.10	5,349.28	14.53	15.87	-60.21	740.61	869.89	443.84	414.14	29.70	14.944		
5,600.00	5,524.08	5,570.69	5,446.34	14.83	16.20	-60.33	755.67	886.36	452.82	422.50	30.32	14.935		
5,700.00	5,622.56	5,670.28	5,543.39	15.13	16.53	-60.45	770.73	902.83	461.80	430.86	30.94	14.925		
5,800.00	5,721.05	5,769.88	5,640.45	15.43	16.87	-60.56	785.80	919.30	470.78	439.22	31.57	14.914		
5,900.00	5,819.54	5,869.47	5,737.51	15.73	17.20	-60.67	800.86	935.77	479.77	447.57	32.20	14.902		
6,000.00	5,918.02	5,969.06	5,834.57	16.03	17.54	-60.77	815.92	952.23	488.76	455.93	32.83	14.889		
6,100.00	6,016.51	6,068.65	5,931.63	16.34	17.87	-60.87	830.99	968.70	497.74	464.28	33.46	14.876		
6,200.00	6,115.00	6,168.24	6,028.69	16.65	18.21	-60.97	846.05	985.17	506.73	472.64	34.10	14.862		
6,300.00	6,213.48	6,267.83	6,125.75	16.95	18.55	-61.07	861.12	1,001.64	515.73	480.99	34.73	14.848		
6,400.00	6,311.97	6,367.42	6,222.80	17.26	18.89	-61.16	876.18	1,018.11	524.72	489.34	35.38	14.833		
6,500.00	6,410.46	6,467.02	6,319.86	17.57	19.23	-61.24	891.24	1,034.57	533.71	497.70	36.02	14.818		
6,600.00	6,508.95	6,566.61	6,416.92	17.88	19.57	-61.33	906.31	1,051.04	542.71	506.05	36.66	14.803		
6,700.00	6,607.69	6,672.67	6,520.84	18.17	19.88	-46.89	922.50	1,064.15	551.53	514.26	37.26	14.801		
6,800.00	6,707.39	6,780.90	6,627.54	18.34	20.09	53.79	939.37	1,060.12	560.36	522.67	37.69	14.868		
6,900.00	6,805.96	6,888.12	6,731.03	18.45	20.23	78.16	955.99	1,038.16	569.20	531.21	37.99	14.983		
7,000.00	6,900.99	6,994.17	6,828.35	18.49	20.30	82.63	971.87	999.46	577.87	539.68	38.19	15.132		
7,100.00	6,990.14	7,098.96	6,916.93	18.49	20.31	83.61	986.58	945.69	586.18	547.87	38.32	15.299		
7,200.00	7,071.20	7,202.41	6,994.65	18.47	20.28	83.43	999.77	878.87	593.96	555.54	38.42	15.459		
7,300.00	7,142.19	7,304.51	7,059.86	18.46	20.22	82.76	1,011.13	801.28	601.03	562.47	38.56	15.586		
7,400.00	7,201.35	7,405.26	7,111.37	18.48	20.15	81.88	1,020.46	715.33	607.21	568.41	38.80	15.651		
7,500.00	7,247.23	7,504.68	7,148.45	18.58	20.12	80.93	1,027.59	623.46	612.37	573.19	39.18	15.630		
7,600.00	7,278.70	7,602.84	7,170.75	18.78	20.16	79.99	1,032.44	528.09	616.36	576.63	39.73	15.513		
7,700.00	7,294.98	7,699.79	7,178.30	19.08	20.35	79.10	1,034.99	431.56	619.07	578.62	40.46	15.302		
7,800.00	7,296.21	7,801.11	7,175.61	19.48	20.75	78.68	1,035.95	332.51	620.31	578.93	41.39	14.989		
7,900.00	7,293.16	7,901.11	7,172.51	20.02	21.34	78.69	1,036.87	232.56	621.00	578.46	42.54	14.597		
8,000.00	7,290.12	8,001.12	7,169.42	20.67	22.07	78.69	1,037.79	132.62	621.70	577.77	43.92	14.154		
8,100.00	7,287.08	8,101.12	7,166.33	21.44	22.90	78.70	1,038.70	32.67	622.39	576.88	45.51	13.677		
8,200.00	7,284.04	8,201.12	7,163.24	22.31	23.82	78.71	1,039.62	-67.27	623.08	575.81	47.27	13.181		
8,300.00	7,281.00	8,301.12	7,160.14	23.26	24.81	78.72	1,040.53	-167.22	623.77	574.58	49.19	12.680		
8,400.00	7,277.95	8,401.13	7,157.05	24.29	25.88	78.73	1,041.45	-267.16	624.47	573.20	51.26	12.182		
8,500.00	7,274.91	8,501.13	7,153.96	25.39	27.00	78.73	1,042.37	-367.11	625.16	571.70	53.45	11.695		
8,600.00	7,271.87	8,601.13	7,150.87	26.55	28.17	78.74	1,043.28	-467.05	625.85	570.09	55.76	11.224		
8,700.00	7,268.83	8,701.13	7,147.77	27.76	29.39	78.75	1,044.20	-567.00	626.54	568.38	58.16	10.773		
8,800.00	7,265.79	8,801.14	7,144.68	29.01	30.65	78.76	1,045.12	-666.95	627.24	566.59	60.65	10.342		
8,900.00	7,262.75	8,901.14	7,141.59	30.31	31.94	78.76	1,046.03	-766.89	627.93	564.72	63.21	9.934		
9,000.00	7,259.70	9,001.14	7,138.50	31.64	33.27	78.77	1,046.95	-866.84	628.62	562.78	65.84	9.547		
9,100.00	7,256.66	9,101.14	7,135.41	33.00	34.62	78.78	1,047.86	-966.78	629.31	560.78	68.53	9.183		
9,200.00	7,253.62	9,201.15	7,132.31	34.38	36.01	78.79	1,048.78	-1,066.73	630.01	558.73	71.28	8.839		
9,300.00	7,250.58	9,301.15	7,129.22	35.80	37.41	78.80	1,049.70	-1,166.67	630.70	556.63	74.06	8.516		
9,400.00	7,247.54	9,401.15	7,126.13	37.23	38.84	78.80	1,050.61	-1,266.62	631.39	554.50	76.89	8.211		
9,500.00	7,244.49	9,501.15	7,123.04	38.68	40.28	78.81	1,051.53	-1,366.56	632.08	552.32	79.76	7.925		
9,600.00	7,241.45	9,601.16	7,119.94	40.15	41.74	78.82	1,052.44	-1,466.51	632.78	550.11	82.66	7.655		
9,700.00	7,238.41	9,701.16	7,116.85	41.64	43.21	78.83	1,053.36	-1,566.46	633.47	547.88	85.59	7.401		
9,800.00	7,235.37	9,801.16	7,113.76	43.14	44.70	78.83	1,054.28	-1,666.40	634.16	545.61	88.55	7.162		
9,900.00	7,232.33	9,901.16	7,110.67	44.65	46.20	78.84	1,055.19	-1,766.35	634.85	543.33	91.53	6.936		
10,000.00	7,229.28	10,001.17	7,107.58	46.17	47.72	78.85	1,056.11	-1,866.29	635.55	541.02	94.53	6.723		
10,100.00	7,226.24	10,098.83	7,104.48	47.70	49.20	78.86	1,057.02	-1,966.24	636.24	538.72	97.52	6.524		
10,200.00	7,223.20	10,201.17	7,101.39	49.24	50.77	78.87	1,057.94	-2,066.18	636.93	536.34	100.59	6.332		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,300.00	7,220.16	10,301.17	7,098.30	50.79	52.31	78.87	1,058.86	-2,166.13	637.62	533.97	103.65	6.152		
10,400.00	7,217.12	10,401.18	7,095.21	52.35	53.86	78.88	1,059.77	-2,266.07	638.32	531.59	106.72	5.981		
10,500.00	7,214.08	10,501.18	7,092.11	53.91	55.41	78.89	1,060.69	-2,366.02	639.01	529.20	109.81	5.819		
10,600.00	7,211.03	10,598.82	7,089.02	55.48	56.94	78.90	1,061.60	-2,465.97	639.70	526.83	112.87	5.668		
10,700.00	7,207.99	10,701.18	7,085.93	57.06	58.54	78.90	1,062.52	-2,565.91	640.39	524.38	116.02	5.520		
10,800.00	7,204.95	10,801.18	7,082.84	58.64	60.11	78.91	1,063.44	-2,665.86	641.09	521.95	119.14	5.381		
10,900.00	7,201.91	10,898.81	7,079.74	60.22	61.65	78.92	1,064.35	-2,765.80	641.78	519.55	122.23	5.250		
11,000.00	7,198.87	11,001.19	7,076.65	61.82	63.27	78.93	1,065.27	-2,865.75	642.47	517.06	125.41	5.123		
11,100.00	7,195.82	11,101.19	7,073.56	63.41	64.86	78.93	1,066.18	-2,965.69	643.17	514.61	128.56	5.003		
11,200.00	7,192.78	11,201.19	7,070.47	65.01	66.45	78.94	1,067.10	-3,065.64	643.86	512.14	131.72	4.888		
11,300.00	7,189.74	11,301.20	7,067.38	66.61	68.05	78.95	1,068.02	-3,165.58	644.55	509.67	134.88	4.779		
11,400.00	7,186.70	11,401.20	7,064.28	68.22	69.65	78.96	1,068.93	-3,265.53	645.24	507.19	138.05	4.674		
11,500.00	7,183.66	11,501.20	7,061.19	69.83	71.25	78.96	1,069.85	-3,365.48	645.94	504.71	141.23	4.574		
11,600.00	7,180.62	11,601.20	7,058.10	71.44	72.86	78.97	1,070.76	-3,465.42	646.63	502.22	144.41	4.478		
11,700.00	7,177.57	11,701.21	7,055.01	73.05	74.46	78.98	1,071.68	-3,565.37	647.32	499.72	147.60	4.386		
11,800.00	7,174.53	11,801.21	7,051.91	74.67	76.08	78.98	1,072.60	-3,665.31	648.01	497.22	150.79	4.297		
11,900.00	7,171.49	11,901.21	7,048.82	76.29	77.69	78.99	1,073.51	-3,765.26	648.71	494.72	153.99	4.213		
12,000.00	7,168.45	11,998.79	7,045.73	77.91	79.27	79.00	1,074.43	-3,865.20	649.40	492.24	157.16	4.132		
12,100.00	7,165.41	12,098.78	7,042.64	79.53	80.88	79.01	1,075.35	-3,965.15	650.09	489.73	160.37	4.054		
12,200.00	7,162.36	12,201.22	7,039.54	81.16	82.54	79.01	1,076.26	-4,065.09	650.79	487.17	163.62	3.978		
12,300.00	7,159.32	12,301.22	7,036.45	82.79	84.17	79.02	1,077.18	-4,165.04	651.48	484.65	166.83	3.905		
12,400.00	7,156.28	12,401.22	7,033.36	84.42	85.79	79.03	1,078.09	-4,264.99	652.17	482.12	170.05	3.835		
12,500.00	7,153.24	12,501.23	7,030.27	86.05	87.42	79.04	1,079.01	-4,364.93	652.86	479.59	173.28	3.768		
12,600.00	7,150.20	12,601.23	7,027.18	87.68	89.04	79.04	1,079.93	-4,464.88	653.56	477.06	176.50	3.703		
12,700.00	7,147.16	12,701.23	7,024.08	89.31	90.67	79.05	1,080.84	-4,564.82	654.25	474.52	179.73	3.640		
12,800.00	7,144.11	12,798.77	7,020.99	90.95	92.27	79.06	1,081.76	-4,664.77	654.94	472.02	182.92	3.580		
12,900.00	7,141.07	12,901.24	7,017.90	92.58	93.94	79.06	1,082.67	-4,764.71	655.64	469.44	186.20	3.521		
13,000.00	7,138.03	12,998.76	7,014.81	94.22	95.53	79.07	1,083.59	-4,864.66	656.33	466.93	189.40	3.465		
13,100.00	7,134.99	13,101.24	7,011.71	95.86	97.21	79.08	1,084.51	-4,964.60	657.02	464.34	192.68	3.410		
13,200.00	7,131.95	13,201.24	7,008.62	97.50	98.84	79.09	1,085.42	-5,064.55	657.71	461.79	195.92	3.357		
13,300.00	7,128.90	13,301.25	7,005.53	99.14	100.48	79.09	1,086.34	-5,164.50	658.41	459.24	199.17	3.306		
13,400.00	7,125.86	13,398.75	7,002.44	100.79	102.08	79.10	1,087.25	-5,264.44	659.10	456.73	202.37	3.257		
13,500.00	7,122.82	13,501.25	6,999.35	102.43	103.76	79.11	1,088.17	-5,364.39	659.79	454.13	205.66	3.208		
13,600.00	7,119.78	13,601.25	6,996.25	104.07	105.40	79.11	1,089.09	-5,464.33	660.49	451.57	208.91	3.162		
13,700.00	7,116.74	13,701.26	6,993.16	105.72	107.04	79.12	1,090.00	-5,564.28	661.18	449.01	212.17	3.116		
13,800.00	7,113.69	13,801.26	6,990.07	107.36	108.69	79.13	1,090.92	-5,664.22	661.87	446.45	215.42	3.072		
13,900.00	7,110.65	13,898.74	6,986.98	109.01	110.29	79.14	1,091.83	-5,764.17	662.57	443.93	218.64	3.030		
14,000.00	7,107.61	14,001.26	6,983.88	110.66	111.97	79.14	1,092.75	-5,864.11	663.26	441.32	221.94	2.988		
14,100.00	7,104.57	14,101.27	6,980.79	112.31	113.62	79.15	1,093.67	-5,964.06	663.95	438.75	225.20	2.948		
14,200.00	7,101.53	14,201.27	6,977.70	113.96	115.27	79.16	1,094.58	-6,064.01	664.64	436.18	228.46	2.909		
14,300.00	7,098.49	14,301.27	6,974.61	115.60	116.91	79.16	1,095.50	-6,163.95	665.34	433.61	231.72	2.871		
14,400.00	7,095.44	14,401.27	6,971.51	117.25	118.56	79.17	1,096.41	-6,263.90	666.03	431.04	234.99	2.834		
14,500.00	7,092.40	14,498.73	6,968.42	118.91	120.17	79.18	1,097.33	-6,363.84	666.72	428.51	238.21	2.799		
14,600.00	7,089.36	14,598.72	6,965.33	120.56	121.82	79.19	1,098.25	-6,463.79	667.42	425.94	241.48	2.764		
14,700.00	7,086.32	14,701.28	6,962.24	122.21	123.51	79.19	1,099.16	-6,563.73	668.11	423.32	244.79	2.729		
14,800.00	7,083.28	14,801.28	6,959.15	123.86	125.16	79.20	1,100.08	-6,663.68	668.80	420.74	248.06	2.696		
14,900.00	7,080.23	14,901.28	6,956.05	125.51	126.81	79.21	1,100.99	-6,763.62	669.50	418.16	251.33	2.664		
15,000.00	7,077.19	15,001.29	6,952.96	127.17	128.46	79.21	1,101.91	-6,863.57	670.19	415.59	254.60	2.632		
15,100.00	7,074.15	15,101.29	6,949.87	128.82	130.11	79.22	1,102.83	-6,963.52	670.88	413.01	257.88	2.602		
15,200.00	7,071.11	15,201.29	6,946.78	130.48	131.77	79.23	1,103.74	-7,063.46	671.58	410.42	261.15	2.572		
15,300.00	7,068.07	15,301.29	6,943.68	132.13	133.42	79.23	1,104.66	-7,163.41	672.27	407.84	264.43	2.542		
15,400.00	7,065.03	15,401.30	6,940.59	133.79	135.07	79.24	1,105.58	-7,263.35	672.96	405.26	267.70	2.514		



Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,061.98	15,501.30	6,937.50	135.44	136.73	79.25	1,106.49	-7,363.30	673.66	402.67	270.98	2.486	
15,600.00	7,058.94	15,598.70	6,934.41	137.10	138.34	79.25	1,107.41	-7,463.24	674.35	400.13	274.21	2.459	
15,665.20	7,056.96	15,663.89	6,932.39	138.18	139.42	79.26	1,108.00	-7,528.40	674.80	398.45	276.35	2.442 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.31	0.73	-60.14	60.14				
100.00	100.00	100.00	100.00	3.28	3.28	-89.31	0.73	-60.14	60.14	52.61	7.53	7.988	
200.00	200.00	200.00	200.00	3.31	3.31	-89.31	0.73	-60.14	60.14	52.57	7.57	7.941 CC	
200.01	200.01	200.01	200.01	3.31	3.31	-89.31	0.73	-60.14	60.14	52.57	7.57	7.941 ES	
300.00	300.00	300.00	300.00	3.35	3.35	-158.66	0.73	-60.14	60.55	52.88	7.66	7.901	
400.00	399.93	400.07	399.93	3.41	3.42	-159.78	0.73	-60.14	63.81	56.02	7.79	8.187	
500.00	499.68	500.32	499.68	3.50	3.50	-161.70	0.73	-60.14	70.40	62.43	7.97	8.833	
600.00	599.13	600.87	599.13	3.62	3.61	-163.99	0.73	-60.14	80.39	72.20	8.19	9.818	
700.00	698.15	701.85	698.15	3.76	3.74	-166.26	0.73	-60.14	93.85	85.41	8.45	11.110	
800.00	796.71	796.71	796.71	3.94	3.87	-168.32	0.73	-60.14	110.37	101.63	8.74	12.633	
900.00	895.20	899.47	899.45	4.14	4.01	-170.13	0.67	-58.41	125.79	116.75	9.04	13.920	
1,000.00	993.68	1,003.31	1,003.14	4.37	4.17	-171.94	0.48	-52.93	137.84	128.48	9.35	14.735	
1,100.00	1,092.17	1,107.82	1,107.23	4.62	4.35	-173.86	0.15	-43.62	146.53	136.83	9.70	15.105	
1,200.00	1,190.66	1,212.75	1,211.33	4.89	4.55	-176.02	-0.31	-30.47	151.89	141.82	10.07	15.081	
1,300.00	1,289.14	1,317.81	1,314.99	5.17	4.77	-178.53	-0.90	-13.50	154.01	143.54	10.47	14.707	
1,400.00	1,387.63	1,417.82	1,413.34	5.47	5.02	178.86	-1.53	4.65	154.56	143.63	10.93	14.146	
1,500.00	1,486.12	1,517.57	1,511.44	5.77	5.28	176.27	-2.17	22.74	155.42	144.01	11.41	13.622	
1,600.00	1,584.60	1,617.32	1,609.53	6.09	5.55	173.73	-2.80	40.84	156.59	144.67	11.92	13.138	
1,700.00	1,683.09	1,717.07	1,707.62	6.41	5.85	171.22	-3.43	58.94	158.07	145.61	12.45	12.692	
1,800.00	1,781.58	1,816.82	1,805.72	6.74	6.12	168.76	-4.06	77.04	159.84	147.02	12.82	12.468	
1,900.00	1,880.06	1,916.57	1,903.81	6.92	6.27	166.37	-4.69	95.14	161.91	149.00	12.91	12.544	
2,000.00	1,978.55	2,016.32	2,001.90	6.96	6.31	164.03	-5.33	113.24	164.25	151.26	12.99	12.644	
2,100.00	2,077.04	2,116.08	2,100.00	7.01	6.37	161.77	-5.96	131.34	166.86	153.75	13.11	12.726	
2,200.00	2,175.52	2,215.83	2,198.09	7.08	6.44	159.57	-6.59	149.43	169.72	156.45	13.27	12.790	
2,300.00	2,274.01	2,315.58	2,296.18	7.17	6.53	157.46	-7.22	167.53	172.82	159.36	13.46	12.837	
2,400.00	2,372.50	2,415.33	2,394.28	7.27	6.65	155.42	-7.85	185.63	176.15	162.46	13.69	12.867	
2,500.00	2,470.99	2,515.08	2,492.37	7.38	6.77	153.46	-8.49	203.73	179.69	165.74	13.95	12.882	
2,600.00	2,569.47	2,614.83	2,590.46	7.51	6.91	151.57	-9.12	221.83	183.44	169.20	14.24	12.882	
2,700.00	2,667.96	2,714.58	2,688.56	7.65	7.07	149.77	-9.75	239.93	187.38	172.82	14.56	12.870	
2,800.00	2,766.45	2,814.33	2,786.65	7.81	7.24	148.03	-10.38	258.03	191.50	176.59	14.91	12.847	
2,900.00	2,864.93	2,914.08	2,884.74	7.97	7.42	146.38	-11.01	276.13	195.78	180.51	15.28	12.816	
3,000.00	2,963.42	3,013.83	2,982.83	8.15	7.61	144.79	-11.65	294.22	200.23	184.56	15.67	12.778	
3,100.00	3,061.91	3,113.58	3,080.93	8.33	7.82	143.28	-12.28	312.32	204.81	188.73	16.08	12.733	
3,200.00	3,160.39	3,213.34	3,179.02	8.53	8.03	141.83	-12.91	330.42	209.54	193.02	16.52	12.685	
3,300.00	3,258.88	3,313.09	3,277.11	8.73	8.26	140.44	-13.54	348.52	214.39	197.42	16.97	12.633	
3,400.00	3,357.37	3,412.84	3,375.21	8.94	8.49	139.12	-14.17	366.62	219.37	201.93	17.44	12.579	
3,500.00	3,455.85	3,512.59	3,473.30	9.16	8.73	137.86	-14.81	384.72	224.45	206.53	17.92	12.524	
3,600.00	3,554.34	3,612.34	3,571.39	9.39	8.97	136.65	-15.44	402.82	229.64	211.22	18.42	12.468	
3,700.00	3,652.83	3,712.09	3,669.49	9.62	9.22	135.50	-16.07	420.91	234.93	216.00	18.93	12.413	
3,800.00	3,751.31	3,811.84	3,767.58	9.86	9.48	134.40	-16.70	439.01	240.31	220.86	19.45	12.357	
3,900.00	3,849.80	3,911.59	3,865.67	10.10	9.75	133.35	-17.34	457.11	245.77	225.79	19.98	12.303	
4,000.00	3,948.29	4,011.34	3,963.77	10.35	10.02	132.34	-17.97	475.21	251.31	230.79	20.52	12.249	
4,100.00	4,046.77	4,111.09	4,061.86	10.61	10.29	131.38	-18.60	493.31	256.92	235.86	21.07	12.197	
4,200.00	4,145.26	4,210.84	4,159.95	10.86	10.57	130.45	-19.23	511.41	262.61	240.99	21.62	12.146	
4,300.00	4,243.75	4,310.59	4,258.05	11.13	10.85	129.57	-19.86	529.51	268.36	246.17	22.18	12.096	
4,400.00	4,342.23	4,410.35	4,356.14	11.39	11.14	128.73	-20.50	547.61	274.17	251.42	22.76	12.049	
4,500.00	4,440.72	4,510.10	4,454.23	11.66	11.43	127.91	-21.13	565.70	280.04	256.71	23.33	12.003	
4,600.00	4,539.21	4,609.85	4,552.33	11.94	11.72	127.14	-21.76	583.80	285.96	262.05	23.91	11.958	
4,700.00	4,637.70	4,709.60	4,650.42	12.22	12.02	126.39	-22.39	601.90	291.93	267.43	24.50	11.915	
4,800.00	4,736.18	4,809.35	4,748.51	12.50	12.32	125.68	-23.02	620.00	297.95	272.86	25.09	11.874	
4,900.00	4,834.67	4,909.10	4,846.61	12.78	12.62	124.99	-23.66	638.10	304.02	278.33	25.69	11.834	
5,000.00	4,933.16	5,008.85	4,944.70	13.07	12.92	124.33	-24.29	656.20	310.12	283.83	26.29	11.796	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.64	5,108.60	5,042.79	13.35	13.23	123.70	-24.92	674.30	316.27	289.37	26.89	11.759	
5,200.00	5,130.13	5,208.35	5,140.88	13.64	13.53	123.08	-25.55	692.39	322.45	294.95	27.50	11.724	
5,300.00	5,228.62	5,308.10	5,238.98	13.94	13.84	122.50	-26.18	710.49	328.67	300.55	28.11	11.690	
5,400.00	5,327.10	5,407.85	5,337.07	14.23	14.15	121.93	-26.82	728.59	334.92	306.19	28.73	11.658	
5,500.00	5,425.59	5,507.60	5,435.16	14.53	14.47	121.39	-27.45	746.69	341.20	311.85	29.35	11.627	
5,600.00	5,524.08	5,607.36	5,533.26	14.83	14.78	120.86	-28.08	764.79	347.51	317.55	29.97	11.597	
5,700.00	5,622.56	5,707.11	5,631.35	15.13	15.10	120.36	-28.71	782.89	353.85	323.26	30.59	11.568	
5,800.00	5,721.05	5,806.86	5,729.44	15.43	15.41	119.87	-29.34	800.99	360.22	329.00	31.21	11.540	
5,900.00	5,819.54	5,906.61	5,827.54	15.73	15.73	119.40	-29.98	819.08	366.61	334.77	31.84	11.514	
6,000.00	5,918.02	6,006.36	5,925.63	16.03	16.05	118.94	-30.61	837.18	373.03	340.55	32.47	11.488	
6,100.00	6,016.51	6,106.11	6,023.72	16.34	16.37	118.50	-31.24	855.28	379.46	346.36	33.10	11.463	
6,200.00	6,115.00	6,205.86	6,121.82	16.65	16.70	118.08	-31.87	873.38	385.92	352.19	33.74	11.440	
6,300.00	6,213.48	6,305.61	6,219.91	16.95	17.02	117.66	-32.50	891.48	392.40	358.03	34.37	11.417	
6,400.00	6,311.97	6,405.36	6,318.00	17.26	17.34	117.27	-33.14	909.58	398.90	363.90	35.01	11.395	
6,500.00	6,410.46	6,505.11	6,416.10	17.57	17.67	116.88	-33.77	927.68	405.42	369.78	35.64	11.374	
6,600.00	6,508.95	6,604.86	6,514.19	17.88	17.99	116.51	-34.40	945.78	411.96	375.67	36.28	11.354	
6,700.00	6,607.69	6,701.52	6,609.55	18.17	18.28	131.63	-35.00	961.38	418.54	381.69	36.85	11.358	
6,800.00	6,707.39	6,795.65	6,703.55	18.34	18.43	-126.07	-35.52	964.22	425.13	387.96	37.16	11.439	
6,900.00	6,805.96	6,890.16	6,797.31	18.45	18.52	-100.10	-35.94	953.11	431.55	394.20	37.35	11.554	
7,000.00	6,900.99	6,985.17	6,888.87	18.49	18.55	-94.09	-36.27	928.08	437.67	400.23	37.43	11.692	
7,100.00	6,990.14	7,080.83	6,976.27	18.49	18.55	-91.68	-36.48	889.41	443.36	405.92	37.44	11.843	
7,200.00	7,071.20	7,177.24	7,057.49	18.47	18.52	-90.56	-36.58	837.65	448.50	411.10	37.40	11.991	
7,300.00	7,142.19	7,274.51	7,130.58	18.46	18.50	-90.10	-36.57	773.61	452.99	415.61	37.38	12.118	
7,400.00	7,201.35	7,372.73	7,193.62	18.48	18.50	-90.04	-36.42	698.42	456.72	419.29	37.44	12.200	
7,500.00	7,247.23	7,471.96	7,244.82	18.58	18.56	-90.27	-36.16	613.53	459.62	421.99	37.63	12.216	
7,600.00	7,278.70	7,572.25	7,282.53	18.78	18.70	-90.71	-35.77	520.71	461.61	423.62	38.00	12.149	
7,700.00	7,294.98	7,673.60	7,305.38	19.08	18.94	-91.32	-35.27	422.08	462.64	424.08	38.57	11.996	
7,800.00	7,296.21	7,776.02	7,312.28	19.48	19.28	-92.00	-34.66	320.01	462.70	423.37	39.33	11.764	
7,900.00	7,293.16	7,876.38	7,309.13	20.02	19.74	-91.99	-34.01	219.70	462.27	421.94	40.33	11.463	
8,000.00	7,290.12	7,976.38	7,305.87	20.67	20.31	-91.96	-33.36	119.75	461.83	420.27	41.56	11.111	
8,100.00	7,287.08	8,076.38	7,302.60	21.44	21.01	-91.94	-32.71	19.81	461.39	418.37	43.03	10.723	
8,200.00	7,284.04	8,176.38	7,299.33	22.31	21.81	-91.91	-32.06	-80.13	460.96	416.26	44.70	10.313	
8,300.00	7,281.00	8,276.38	7,296.07	23.26	22.71	-91.88	-31.41	-180.08	460.52	413.97	46.55	9.893	
8,400.00	7,277.95	8,376.38	7,292.80	24.29	23.69	-91.86	-30.76	-280.02	460.08	411.52	48.56	9.474	
8,500.00	7,274.91	8,476.37	7,289.53	25.39	24.75	-91.83	-30.11	-379.96	459.65	408.93	50.72	9.063	
8,600.00	7,271.87	8,576.37	7,286.27	26.55	25.87	-91.81	-29.46	-479.91	459.21	406.21	53.00	8.664	
8,700.00	7,268.83	8,676.37	7,283.00	27.76	27.06	-91.78	-28.81	-579.85	458.78	403.39	55.39	8.283	
8,800.00	7,265.79	8,776.37	7,279.74	29.01	28.29	-91.75	-28.16	-679.79	458.34	400.47	57.88	7.919	
8,900.00	7,262.75	8,876.37	7,276.47	30.31	29.56	-91.73	-27.52	-779.74	457.91	397.46	60.45	7.576	
9,000.00	7,259.70	8,976.37	7,273.20	31.64	30.87	-91.70	-26.87	-879.68	457.47	394.38	63.09	7.251	
9,100.00	7,256.66	9,076.37	7,269.94	33.00	32.22	-91.67	-26.22	-979.62	457.04	391.24	65.80	6.946	
9,200.00	7,253.62	9,176.37	7,266.67	34.38	33.59	-91.65	-25.57	-1,079.57	456.60	388.04	68.56	6.660	
9,300.00	7,250.58	9,276.37	7,263.41	35.80	34.99	-91.62	-24.92	-1,179.51	456.16	384.79	71.37	6.391	
9,400.00	7,247.54	9,376.36	7,260.14	37.23	36.42	-91.59	-24.27	-1,279.45	455.73	381.50	74.23	6.139	
9,500.00	7,244.49	9,476.36	7,256.87	38.68	37.86	-91.57	-23.62	-1,379.40	455.29	378.16	77.13	5.903	
9,600.00	7,241.45	9,576.36	7,253.61	40.15	39.33	-91.54	-22.97	-1,479.34	454.86	374.79	80.07	5.681	
9,700.00	7,238.41	9,676.36	7,250.34	41.64	40.81	-91.51	-22.32	-1,579.28	454.43	371.40	83.03	5.473	
9,800.00	7,235.37	9,776.36	7,247.08	43.14	42.30	-91.49	-21.67	-1,679.23	453.99	367.97	86.02	5.278	
9,900.00	7,232.33	9,876.36	7,243.81	44.65	43.81	-91.46	-21.03	-1,779.17	453.56	364.52	89.04	5.094	
10,000.00	7,229.28	9,976.36	7,240.54	46.17	45.32	-91.43	-20.38	-1,879.11	453.12	361.04	92.08	4.921	
10,100.00	7,226.24	10,076.36	7,237.28	47.70	46.85	-91.40	-19.73	-1,979.06	452.69	357.55	95.14	4.758	
10,200.00	7,223.20	10,176.35	7,234.01	49.24	48.39	-91.38	-19.08	-2,079.00	452.25	354.03	98.22	4.604	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,220.16	10,276.35	7,230.74	50.79	49.94	-91.35	-18.43	-2,178.94	451.82	350.50	101.32	4.459	
10,400.00	7,217.12	10,376.35	7,227.48	52.35	51.49	-91.32	-17.78	-2,278.89	451.38	346.95	104.43	4.322	
10,500.00	7,214.08	10,476.35	7,224.21	53.91	53.05	-91.30	-17.13	-2,378.83	450.95	343.39	107.56	4.193	
10,600.00	7,211.03	10,576.35	7,220.95	55.48	54.62	-91.27	-16.48	-2,478.77	450.52	339.82	110.70	4.070	
10,700.00	7,207.99	10,676.35	7,217.68	57.06	56.20	-91.24	-15.83	-2,578.72	450.08	336.24	113.85	3.953	
10,800.00	7,204.95	10,776.35	7,214.41	58.64	57.78	-91.21	-15.18	-2,678.66	449.65	332.64	117.01	3.843	
10,900.00	7,201.91	10,876.35	7,211.15	60.22	59.36	-91.19	-14.54	-2,778.60	449.22	329.04	120.18	3.738	
11,000.00	7,198.87	10,976.35	7,207.88	61.82	60.95	-91.16	-13.89	-2,878.55	448.78	325.42	123.36	3.638	
11,100.00	7,195.82	11,076.34	7,204.62	63.41	62.55	-91.13	-13.24	-2,978.49	448.35	321.80	126.55	3.543	
11,200.00	7,192.78	11,176.34	7,201.35	65.01	64.14	-91.10	-12.59	-3,078.43	447.92	318.17	129.75	3.452	
11,300.00	7,189.74	11,276.34	7,198.08	66.61	65.74	-91.08	-11.94	-3,178.38	447.48	314.53	132.95	3.366	
11,400.00	7,186.70	11,376.34	7,194.82	68.22	67.35	-91.05	-11.29	-3,278.32	447.05	310.89	136.16	3.283	
11,500.00	7,183.66	11,476.34	7,191.55	69.83	68.96	-91.02	-10.64	-3,378.26	446.62	307.24	139.38	3.204	
11,600.00	7,180.62	11,576.34	7,188.29	71.44	70.57	-90.99	-9.99	-3,478.21	446.18	303.58	142.60	3.129	
11,700.00	7,177.57	11,676.34	7,185.02	73.05	72.18	-90.97	-9.34	-3,578.15	445.75	299.92	145.83	3.057	
11,800.00	7,174.53	11,776.34	7,181.75	74.67	73.80	-90.94	-8.69	-3,678.09	445.32	296.26	149.06	2.987	
11,900.00	7,171.49	11,876.33	7,178.49	76.29	75.42	-90.91	-8.04	-3,778.04	444.89	292.58	152.30	2.921	
12,000.00	7,168.45	11,976.33	7,175.22	77.91	77.04	-90.88	-7.40	-3,877.98	444.45	288.91	155.55	2.857	
12,100.00	7,165.41	12,076.33	7,171.96	79.53	78.67	-90.85	-6.75	-3,977.92	444.02	285.23	158.79	2.796	
12,200.00	7,162.36	12,176.33	7,168.69	81.16	80.29	-90.82	-6.10	-4,077.87	443.59	281.55	162.04	2.737	
12,300.00	7,159.32	12,276.33	7,165.42	82.79	81.92	-90.80	-5.45	-4,177.81	443.16	277.86	165.30	2.681	
12,400.00	7,156.28	12,376.33	7,162.16	84.42	83.55	-90.77	-4.80	-4,277.75	442.73	274.17	168.56	2.627	
12,500.00	7,153.24	12,476.33	7,158.89	86.05	85.18	-90.74	-4.15	-4,377.70	442.29	270.48	171.82	2.574	
12,600.00	7,150.20	12,576.33	7,155.62	87.68	86.81	-90.71	-3.50	-4,477.64	441.86	266.78	175.08	2.524	
12,700.00	7,147.16	12,676.33	7,152.36	89.31	88.45	-90.68	-2.85	-4,577.58	441.43	263.08	178.35	2.475	
12,800.00	7,144.11	12,776.32	7,149.09	90.95	90.08	-90.65	-2.20	-4,677.53	441.00	259.38	181.62	2.428	
12,900.00	7,141.07	12,876.32	7,145.83	92.58	91.72	-90.63	-1.55	-4,777.47	440.57	255.67	184.89	2.383	
13,000.00	7,138.03	12,976.32	7,142.56	94.22	93.36	-90.60	-0.91	-4,877.41	440.14	251.97	188.17	2.339	
13,100.00	7,134.99	13,076.32	7,139.29	95.86	95.00	-90.57	-0.26	-4,977.36	439.71	248.26	191.45	2.297	
13,200.00	7,131.95	13,176.32	7,136.03	97.50	96.64	-90.54	0.39	-5,077.30	439.27	244.55	194.73	2.256	
13,300.00	7,128.90	13,276.32	7,132.76	99.14	98.28	-90.51	1.04	-5,177.24	438.84	240.83	198.01	2.216	
13,400.00	7,125.86	13,376.32	7,129.50	100.79	99.92	-90.48	1.69	-5,277.19	438.41	237.12	201.29	2.178	
13,500.00	7,122.82	13,476.32	7,126.23	102.43	101.56	-90.45	2.34	-5,377.13	437.98	233.40	204.58	2.141	
13,600.00	7,119.78	13,576.32	7,122.96	104.07	103.21	-90.42	2.99	-5,477.07	437.55	229.68	207.87	2.105	
13,700.00	7,116.74	13,676.31	7,119.70	105.72	104.85	-90.40	3.64	-5,577.02	437.12	225.96	211.16	2.070	
13,800.00	7,113.69	13,776.31	7,116.43	107.36	106.50	-90.37	4.29	-5,676.96	436.69	222.24	214.45	2.036	
13,900.00	7,110.65	13,876.31	7,113.17	109.01	108.15	-90.34	4.94	-5,776.90	436.26	218.52	217.74	2.004	
14,000.00	7,107.61	13,976.31	7,109.90	110.66	109.79	-90.31	5.58	-5,876.85	435.83	214.79	221.04	1.972	
14,100.00	7,104.57	14,076.31	7,106.63	112.31	111.44	-90.28	6.23	-5,976.79	435.40	211.07	224.33	1.941	
14,200.00	7,101.53	14,176.31	7,103.37	113.96	113.09	-90.25	6.88	-6,076.73	434.97	207.34	227.63	1.911	
14,300.00	7,098.49	14,276.31	7,100.10	115.60	114.74	-90.22	7.53	-6,176.68	434.54	203.61	230.93	1.882	
14,400.00	7,095.44	14,376.31	7,096.83	117.25	116.39	-90.19	8.18	-6,276.62	434.11	199.88	234.23	1.853	
14,500.00	7,092.40	14,476.30	7,093.57	118.91	118.04	-90.16	8.83	-6,376.56	433.68	196.15	237.53	1.826	
14,600.00	7,089.36	14,576.30	7,090.30	120.56	119.70	-90.13	9.48	-6,476.51	433.25	192.42	240.83	1.799	
14,700.00	7,086.32	14,676.30	7,087.04	122.21	121.35	-90.10	10.13	-6,576.45	432.82	188.69	244.13	1.773	
14,800.00	7,083.28	14,776.30	7,083.77	123.86	123.00	-90.07	10.78	-6,676.40	432.39	184.96	247.44	1.747	
14,900.00	7,080.23	14,876.30	7,080.50	125.51	124.65	-90.04	11.43	-6,776.34	431.96	181.22	250.74	1.723	
15,000.00	7,077.19	14,976.30	7,077.24	127.17	126.31	-90.01	12.08	-6,876.28	431.53	177.49	254.05	1.699	
15,100.00	7,074.15	15,076.30	7,073.97	128.82	127.96	-89.98	12.72	-6,976.23	431.11	173.75	257.35	1.675	
15,200.00	7,071.11	15,176.30	7,070.71	130.48	129.62	-89.95	13.37	-7,076.17	430.68	170.02	260.66	1.652	
15,300.00	7,068.07	15,276.30	7,067.44	132.13	131.27	-89.92	14.02	-7,176.11	430.25	166.28	263.97	1.630	
15,400.00	7,065.03	15,376.29	7,064.17	133.79	132.93	-89.89	14.67	-7,276.06	429.82	162.54	267.28	1.608	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										<b>Offset Well Error:</b>	3.28 usft
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>							<b>Warning</b>
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	
15,500.00	7,061.98	15,476.29	7,060.91	135.44	134.58	-89.86	15.32	-7,376.00	429.39	158.80	270.59	1.587	
15,600.00	7,058.94	15,576.29	7,057.64	137.10	136.24	-89.83	15.97	-7,475.94	428.96	155.07	273.90	1.566	
15,662.23	7,057.05	15,634.69	7,055.73	138.13	137.21	-89.82	16.35	-7,534.31	428.71	152.84	275.87	1.554 SF	
15,665.20	7,056.96	15,634.69	7,055.73	138.18	137.21	-89.82	16.35	-7,534.31	428.74	152.85	275.88	1.554	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	0.73	-79.90	79.91				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.73	-79.90	79.91	72.38	7.53	10.613	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.73	-79.90	79.91	72.33	7.57	10.550 CC	
202.21	202.21	202.21	202.21	3.31	3.31	-158.69	0.73	-79.90	79.91	72.33	7.58	10.548 ES	
300.00	300.00	300.27	300.25	3.35	3.35	-160.04	-1.01	-79.89	80.30	72.64	7.66	10.487	
400.00	399.93	403.07	402.98	3.41	3.41	-163.01	-4.00	-77.68	81.59	73.81	7.78	10.488	
500.00	499.68	505.89	505.60	3.50	3.50	-166.52	-6.61	-71.82	82.89	74.95	7.94	10.438	
600.00	599.13	608.72	607.95	3.62	3.62	-170.53	-8.82	-62.29	84.33	76.19	8.14	10.360	
700.00	698.15	711.52	709.88	3.76	3.76	-175.00	-10.63	-49.12	86.10	77.72	8.38	10.274	
800.00	796.71	813.60	810.59	3.94	3.94	-179.81	-12.04	-32.54	87.99	79.31	8.68	10.142	
900.00	895.20	913.32	908.80	4.14	4.15	175.53	-13.31	-15.31	89.87	80.83	9.04	9.941	
1,000.00	993.68	1,013.03	1,007.01	4.37	4.38	171.08	-14.57	1.93	92.31	82.86	9.45	9.768	
1,100.00	1,092.17	1,112.75	1,105.22	4.62	4.63	166.89	-15.84	19.16	95.29	85.39	9.90	9.621	
1,200.00	1,190.66	1,212.47	1,203.43	4.89	4.90	162.96	-17.11	36.40	98.75	88.35	10.40	9.496	
1,300.00	1,289.14	1,312.19	1,301.64	5.17	5.18	159.32	-18.37	53.63	102.64	91.71	10.93	9.391	
1,400.00	1,387.63	1,411.91	1,399.85	5.47	5.48	155.96	-19.64	70.87	106.91	95.42	11.49	9.304	
1,500.00	1,486.12	1,511.63	1,498.06	5.77	5.79	152.86	-20.90	88.10	111.52	99.44	12.08	9.231	
1,600.00	1,584.60	1,611.35	1,596.27	6.09	6.10	150.02	-22.17	105.34	116.44	103.74	12.70	9.171	
1,700.00	1,683.09	1,711.07	1,694.48	6.41	6.43	147.41	-23.43	122.57	121.61	108.28	13.33	9.123	
1,800.00	1,781.58	1,810.78	1,792.69	6.74	6.74	145.02	-24.70	139.81	127.02	113.05	13.97	9.095	
1,900.00	1,880.06	1,910.50	1,890.90	6.92	6.91	142.82	-25.97	157.05	132.63	118.69	13.95	9.511	
2,000.00	1,978.55	2,010.22	1,989.11	6.96	6.95	140.81	-27.23	174.28	138.42	124.37	14.05	9.851	
2,100.00	2,077.04	2,109.94	2,087.32	7.01	7.01	138.96	-28.50	191.52	144.37	130.18	14.19	10.176	
2,200.00	2,175.52	2,209.66	2,185.53	7.08	7.08	137.26	-29.76	208.75	150.45	136.10	14.35	10.483	
2,300.00	2,274.01	2,309.38	2,283.74	7.17	7.17	135.69	-31.03	225.99	156.66	142.11	14.55	10.769	
2,400.00	2,372.50	2,409.10	2,381.95	7.27	7.27	134.24	-32.29	243.22	162.97	148.20	14.77	11.034	
2,500.00	2,470.99	2,508.82	2,480.16	7.38	7.39	132.90	-33.56	260.46	169.39	154.37	15.02	11.278	
2,600.00	2,569.47	2,608.54	2,576.37	7.51	7.52	131.66	-34.83	277.69	175.88	160.59	15.30	11.498	
2,700.00	2,667.96	2,708.25	2,676.58	7.65	7.67	130.51	-36.09	294.93	182.46	166.86	15.60	11.698	
2,800.00	2,766.45	2,807.97	2,774.79	7.81	7.83	129.43	-37.36	312.16	189.10	173.18	15.92	11.877	
2,900.00	2,864.93	2,907.69	2,873.00	7.97	8.00	128.43	-38.62	329.40	195.80	179.53	16.27	12.036	
3,000.00	2,963.42	3,007.41	2,971.21	8.15	8.18	127.50	-39.89	346.63	202.56	185.93	16.63	12.177	
3,100.00	3,061.91	3,107.13	3,069.42	8.33	8.37	126.63	-41.15	363.87	209.37	192.35	17.02	12.301	
3,200.00	3,160.39	3,206.85	3,167.63	8.53	8.57	125.81	-42.42	381.10	216.22	198.80	17.42	12.410	
3,300.00	3,258.88	3,306.57	3,265.84	8.73	8.77	125.05	-43.69	398.34	223.12	205.27	17.84	12.504	
3,400.00	3,357.37	3,406.29	3,364.05	8.94	8.99	124.32	-44.95	415.57	230.05	211.77	18.28	12.585	
3,500.00	3,455.85	3,506.00	3,462.26	9.16	9.21	123.65	-46.22	432.81	237.02	218.29	18.73	12.654	
3,600.00	3,554.34	3,605.72	3,560.47	9.39	9.44	123.01	-47.48	450.05	244.02	224.82	19.20	12.712	
3,700.00	3,652.83	3,705.44	3,658.68	9.62	9.68	122.40	-48.75	467.28	251.04	231.37	19.67	12.762	
3,800.00	3,751.31	3,805.16	3,756.89	9.86	9.93	121.83	-50.01	484.52	258.10	237.94	20.16	12.802	
3,900.00	3,849.80	3,904.88	3,855.10	10.10	10.18	121.29	-51.28	501.75	265.17	244.51	20.66	12.836	
4,000.00	3,948.29	4,004.60	3,953.31	10.35	10.43	120.78	-52.55	518.99	272.27	251.10	21.17	12.863	
4,100.00	4,046.77	4,104.32	4,051.52	10.61	10.69	120.29	-53.81	536.22	279.39	257.71	21.69	12.884	
4,200.00	4,145.26	4,204.04	4,149.73	10.86	10.95	119.83	-55.08	553.46	286.53	264.32	22.21	12.900	
4,300.00	4,243.75	4,303.76	4,247.94	11.13	11.22	119.39	-56.34	570.69	293.69	270.94	22.75	12.911	
4,400.00	4,342.23	4,403.47	4,346.14	11.39	11.49	118.97	-57.61	587.93	300.86	277.57	23.29	12.918	
4,500.00	4,440.72	4,503.19	4,444.35	11.66	11.77	118.57	-58.87	605.16	308.05	284.21	23.84	12.922	
4,600.00	4,539.21	4,602.91	4,542.56	11.94	12.05	118.19	-60.14	622.40	315.25	290.86	24.39	12.923	
4,700.00	4,637.70	4,702.63	4,640.77	12.22	12.33	117.82	-61.41	639.63	322.47	297.51	24.96	12.922	
4,800.00	4,736.18	4,802.35	4,738.98	12.50	12.62	117.48	-62.67	656.87	329.70	304.17	25.52	12.918	
4,900.00	4,834.67	4,902.07	4,837.19	12.78	12.90	117.14	-63.94	674.10	336.94	310.84	26.10	12.912	
5,000.00	4,933.16	5,001.79	4,935.40	13.07	13.20	116.82	-65.20	691.34	344.19	317.51	26.67	12.904	

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.64	5,101.51	5,033.61	13.35	13.49	116.52	-66.47	708.57	351.45	324.19	27.25	12.895	
5,200.00	5,130.13	5,201.22	5,131.82	13.64	13.78	116.22	-67.74	725.81	358.72	330.88	27.84	12.885	
5,300.00	5,228.62	5,300.94	5,230.03	13.94	14.08	115.94	-69.00	743.05	366.00	337.57	28.43	12.873	
5,400.00	5,327.10	5,400.66	5,328.24	14.23	14.38	115.67	-70.27	760.28	373.29	344.26	29.02	12.861	
5,500.00	5,425.59	5,500.38	5,426.45	14.53	14.68	115.41	-71.53	777.52	380.58	350.96	29.62	12.848	
5,600.00	5,524.08	5,600.10	5,524.66	14.83	14.99	115.16	-72.80	794.75	387.89	357.66	30.22	12.834	
5,700.00	5,622.56	5,700.18	5,622.87	15.13	15.29	114.92	-74.06	811.99	395.20	364.37	30.83	12.819	
5,800.00	5,721.05	5,800.46	5,721.08	15.43	15.60	114.68	-75.33	829.22	402.51	371.08	31.44	12.804	
5,900.00	5,819.54	5,900.74	5,819.29	15.73	15.91	114.46	-76.60	846.46	409.84	377.79	32.05	12.788	
6,000.00	5,918.02	6,001.02	5,917.50	16.03	16.22	114.24	-77.86	863.69	417.17	384.51	32.66	12.772	
6,100.00	6,016.51	6,101.31	6,015.71	16.34	16.53	114.03	-79.13	880.93	424.50	391.23	33.28	12.756	
6,200.00	6,115.00	6,201.59	6,113.92	16.65	16.85	113.83	-80.39	898.16	431.85	397.95	33.90	12.740	
6,300.00	6,213.48	6,301.87	6,212.13	16.95	17.16	113.64	-81.66	915.40	439.19	404.67	34.52	12.723	
6,400.00	6,311.97	6,402.15	6,310.34	17.26	17.48	113.45	-82.92	932.63	446.54	411.40	35.14	12.707	
6,500.00	6,410.46	6,496.44	6,407.54	17.57	17.76	113.34	-84.18	949.10	453.93	418.20	35.73	12.704	
6,600.00	6,508.95	6,590.95	6,501.79	17.88	17.92	114.54	-85.47	954.47	462.09	425.89	36.19	12.767	
6,700.00	6,607.69	6,681.12	6,591.52	18.17	18.02	132.63	-86.80	946.54	471.92	435.39	36.53	12.919	
6,800.00	6,707.39	6,768.20	6,676.30	18.34	18.06	-121.98	-88.13	926.92	483.03	446.38	36.65	13.178	
6,900.00	6,805.96	6,853.08	6,755.58	18.45	18.07	-93.13	-89.46	896.86	494.72	458.07	36.65	13.500	
7,000.00	6,900.99	6,936.14	6,828.64	18.49	18.05	-84.49	-90.77	857.48	506.42	469.88	36.53	13.861	
7,100.00	6,990.14	7,017.77	6,894.85	18.49	18.03	-79.72	-92.04	809.84	517.60	481.24	36.36	14.234	
7,200.00	7,071.20	7,098.28	6,953.65	18.47	18.00	-76.55	-93.25	754.94	527.80	491.63	36.18	14.589	
7,300.00	7,142.19	7,177.96	7,004.57	18.46	18.01	-74.33	-94.40	693.73	536.65	500.60	36.04	14.889	
7,400.00	7,201.35	7,257.08	7,047.17	18.48	18.04	-72.82	-95.47	627.13	543.83	507.82	36.01	15.101	
7,500.00	7,247.23	7,335.89	7,081.08	18.58	18.13	-71.91	-96.45	556.05	549.13	512.99	36.14	15.195	
7,600.00	7,278.70	7,414.62	7,105.93	18.78	18.27	-71.54	-97.32	481.40	552.40	515.95	36.45	15.155	
7,700.00	7,294.98	7,493.51	7,121.40	19.08	18.48	-71.67	-98.08	404.10	553.60	516.64	36.96	14.978	
7,800.00	7,296.21	7,572.80	7,127.21	19.48	18.74	-72.20	-98.72	325.07	552.93	515.27	37.66	14.682	
7,810.24	7,295.89	7,580.96	7,127.25	19.53	18.78	-72.23	-98.77	316.91	552.91	515.16	37.75	14.648	
7,900.00	7,293.16	7,666.46	7,125.06	20.02	19.17	-72.30	-99.34	231.44	553.52	514.93	38.59	14.345	
8,000.00	7,290.12	7,766.46	7,122.24	20.67	19.73	-72.35	-100.00	131.49	554.29	514.53	39.76	13.942	
8,100.00	7,287.08	7,866.45	7,119.43	21.44	20.42	-72.40	-100.66	31.54	555.06	513.91	41.15	13.487	
8,200.00	7,284.04	7,966.45	7,116.61	22.31	21.22	-72.45	-101.32	-68.42	555.83	513.08	42.75	13.001	
8,300.00	7,281.00	8,066.44	7,113.79	23.26	22.13	-72.50	-101.99	-168.37	556.61	512.08	44.53	12.500	
8,400.00	7,277.95	8,166.44	7,110.97	24.29	23.11	-72.54	-102.65	-268.33	557.38	510.91	46.47	11.995	
8,500.00	7,274.91	8,266.44	7,108.16	25.39	24.18	-72.59	-103.31	-368.28	558.15	509.61	48.55	11.497	
8,600.00	7,271.87	8,366.43	7,105.34	26.55	25.31	-72.64	-103.97	-468.23	558.93	508.18	50.75	11.014	
8,700.00	7,268.83	8,466.43	7,102.52	27.76	26.50	-72.69	-104.63	-568.19	559.70	506.65	53.06	10.549	
8,800.00	7,265.79	8,566.42	7,099.70	29.01	27.74	-72.74	-105.29	-668.14	560.48	505.02	55.46	10.106	
8,900.00	7,262.75	8,666.42	7,096.88	30.31	29.02	-72.79	-105.95	-768.10	561.25	503.31	57.95	9.686	
9,000.00	7,259.70	8,766.42	7,094.07	31.64	30.34	-72.84	-106.61	-868.05	562.03	501.52	60.51	9.289	
9,100.00	7,256.66	8,866.41	7,091.25	33.00	31.69	-72.89	-107.27	-968.00	562.80	499.67	63.13	8.915	
9,200.00	7,253.62	8,966.41	7,088.43	34.38	33.08	-72.93	-107.93	-1,067.96	563.58	497.77	65.81	8.564	
9,300.00	7,250.58	9,066.40	7,085.61	35.80	34.48	-72.98	-108.59	-1,167.91	564.36	495.82	68.54	8.234	
9,400.00	7,247.54	9,166.40	7,082.80	37.23	35.92	-73.03	-109.25	-1,267.86	565.13	493.82	71.31	7.925	
9,500.00	7,244.49	9,266.39	7,079.98	38.68	37.37	-73.08	-109.92	-1,367.82	565.91	491.79	74.12	7.635	
9,600.00	7,241.45	9,366.39	7,077.16	40.15	38.84	-73.12	-110.58	-1,467.77	566.69	489.72	76.97	7.362	
9,700.00	7,238.41	9,466.39	7,074.34	41.64	40.32	-73.17	-111.24	-1,567.73	567.47	487.62	79.85	7.106	
9,800.00	7,235.37	9,566.38	7,071.53	43.14	41.82	-73.22	-111.90	-1,667.68	568.25	485.49	82.76	6.866	
9,900.00	7,232.33	9,666.38	7,068.71	44.65	43.33	-73.27	-112.56	-1,767.63	569.03	483.33	85.69	6.640	
10,000.00	7,229.28	9,766.37	7,065.89	46.17	44.85	-73.31	-113.22	-1,867.59	569.80	481.15	88.65	6.428	
10,100.00	7,226.24	9,866.37	7,063.07	47.70	46.39	-73.36	-113.88	-1,967.54	570.58	478.96	91.63	6.227	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,223.20	9,966.37	7,060.25	49.24	47.93	-73.41	-114.54	-2,067.50	571.36	476.74	94.62	6.038		
10,300.00	7,220.16	10,066.36	7,057.44	50.79	49.48	-73.45	-115.20	-2,167.45	572.15	474.51	97.64	5.860		
10,400.00	7,217.12	10,166.36	7,054.62	52.35	51.04	-73.50	-115.86	-2,267.40	572.93	472.26	100.67	5.691		
10,500.00	7,214.08	10,266.35	7,051.80	53.91	52.60	-73.55	-116.52	-2,367.36	573.71	469.99	103.71	5.532		
10,600.00	7,211.03	10,366.35	7,048.98	55.48	54.17	-73.59	-117.19	-2,467.31	574.49	467.72	106.77	5.381		
10,700.00	7,207.99	10,466.35	7,046.17	57.06	55.75	-73.64	-117.85	-2,567.27	575.27	465.43	109.84	5.237		
10,800.00	7,204.95	10,566.34	7,043.35	58.64	57.33	-73.69	-118.51	-2,667.22	576.05	463.13	112.92	5.101		
10,900.00	7,201.91	10,666.34	7,040.53	60.22	58.92	-73.73	-119.17	-2,767.17	576.84	460.82	116.02	4.972		
11,000.00	7,198.87	10,766.33	7,037.71	61.82	60.51	-73.78	-119.83	-2,867.13	577.62	458.50	119.12	4.849		
11,100.00	7,195.82	10,866.33	7,034.90	63.41	62.11	-73.82	-120.49	-2,967.08	578.40	456.17	122.23	4.732		
11,200.00	7,192.78	10,966.32	7,032.08	65.01	63.71	-73.87	-121.15	-3,067.04	579.19	453.84	125.35	4.621		
11,300.00	7,189.74	11,066.32	7,029.26	66.61	65.31	-73.91	-121.81	-3,166.99	579.97	451.49	128.48	4.514		
11,400.00	7,186.70	11,166.32	7,026.44	68.22	66.92	-73.96	-122.47	-3,266.94	580.76	449.14	131.61	4.413		
11,500.00	7,183.66	11,266.31	7,023.62	69.83	68.53	-74.00	-123.13	-3,366.90	581.54	446.79	134.76	4.316		
11,600.00	7,180.62	11,366.31	7,020.81	71.44	70.14	-74.05	-123.79	-3,466.85	582.33	444.42	137.90	4.223		
11,700.00	7,177.57	11,466.30	7,017.99	73.05	71.76	-74.09	-124.45	-3,566.81	583.11	442.05	141.06	4.134		
11,800.00	7,174.53	11,566.30	7,015.17	74.67	73.38	-74.14	-125.12	-3,666.76	583.90	439.68	144.22	4.049		
11,900.00	7,171.49	11,666.30	7,012.35	76.29	75.00	-74.18	-125.78	-3,766.71	584.69	437.30	147.39	3.967		
12,000.00	7,168.45	11,766.29	7,009.54	77.91	76.62	-74.23	-126.44	-3,866.67	585.47	434.91	150.56	3.889		
12,100.00	7,165.41	11,866.29	7,006.72	79.53	78.25	-74.27	-127.10	-3,966.62	586.26	432.52	153.74	3.813		
12,200.00	7,162.36	11,966.28	7,003.90	81.16	79.87	-74.32	-127.76	-4,066.58	587.05	430.13	156.92	3.741		
12,300.00	7,159.32	12,066.28	7,001.08	82.79	81.50	-74.36	-128.42	-4,166.53	587.83	427.73	160.11	3.672		
12,400.00	7,156.28	12,166.28	6,998.26	84.42	83.13	-74.41	-129.08	-4,266.48	588.62	425.33	163.30	3.605		
12,500.00	7,153.24	12,266.27	6,995.45	86.05	84.76	-74.45	-129.74	-4,366.44	589.41	422.92	166.49	3.540		
12,600.00	7,150.20	12,366.27	6,992.63	87.68	86.40	-74.49	-130.40	-4,466.39	590.20	420.51	169.69	3.478		
12,700.00	7,147.16	12,466.26	6,989.81	89.31	88.03	-74.54	-131.06	-4,566.35	590.99	418.10	172.89	3.418		
12,800.00	7,144.11	12,566.26	6,986.99	90.95	89.67	-74.58	-131.72	-4,666.30	591.78	415.68	176.10	3.361		
12,900.00	7,141.07	12,666.25	6,984.18	92.58	91.30	-74.62	-132.39	-4,766.25	592.57	413.26	179.31	3.305		
13,000.00	7,138.03	12,766.25	6,981.36	94.22	92.94	-74.67	-133.05	-4,866.21	593.36	410.84	182.52	3.251		
13,100.00	7,134.99	12,866.25	6,978.54	95.86	94.58	-74.71	-133.71	-4,966.16	594.15	408.42	185.73	3.199		
13,200.00	7,131.95	12,966.24	6,975.72	97.50	96.22	-74.75	-134.37	-5,066.12	594.94	405.99	188.95	3.149		
13,300.00	7,128.90	13,066.24	6,972.91	99.14	97.87	-74.80	-135.03	-5,166.07	595.73	403.56	192.17	3.100		
13,400.00	7,125.86	13,166.23	6,970.09	100.79	99.51	-74.84	-135.69	-5,266.02	596.52	401.13	195.40	3.053		
13,500.00	7,122.82	13,266.23	6,967.27	102.43	101.15	-74.88	-136.35	-5,365.98	597.32	398.69	198.63	3.007		
13,600.00	7,119.78	13,366.23	6,964.45	104.07	102.80	-74.93	-137.01	-5,465.93	598.11	396.25	201.86	2.963		
13,700.00	7,116.74	13,466.22	6,961.63	105.72	104.44	-74.97	-137.67	-5,565.89	598.90	393.81	205.09	2.920		
13,800.00	7,113.69	13,566.22	6,958.82	107.36	106.09	-75.01	-138.33	-5,665.84	599.69	391.37	208.32	2.879		
13,900.00	7,110.65	13,666.21	6,956.00	109.01	107.74	-75.05	-138.99	-5,765.79	600.49	388.93	211.56	2.838		
14,000.00	7,107.61	13,766.21	6,953.18	110.66	109.38	-75.10	-139.65	-5,865.75	601.28	386.48	214.80	2.799		
14,100.00	7,104.57	13,866.20	6,950.36	112.31	111.03	-75.14	-140.32	-5,965.70	602.08	384.04	218.04	2.761		
14,200.00	7,101.53	13,966.20	6,947.55	113.96	112.68	-75.18	-140.98	-6,065.66	602.87	381.59	221.28	2.724		
14,300.00	7,098.49	14,066.20	6,944.73	115.60	114.33	-75.22	-141.64	-6,165.61	603.66	379.14	224.53	2.689		
14,400.00	7,095.44	14,166.19	6,941.91	117.25	115.98	-75.26	-142.30	-6,265.56	604.46	376.68	227.77	2.654		
14,500.00	7,092.40	14,266.19	6,939.09	118.91	117.63	-75.31	-142.96	-6,365.52	605.25	374.23	231.02	2.620		
14,600.00	7,089.36	14,366.18	6,936.28	120.56	119.28	-75.35	-143.62	-6,465.47	606.05	371.77	234.28	2.587		
14,700.00	7,086.32	14,466.18	6,933.46	122.21	120.94	-75.39	-144.28	-6,565.43	606.85	369.32	237.53	2.555		
14,800.00	7,083.28	14,566.18	6,930.64	123.86	122.59	-75.43	-144.94	-6,665.38	607.64	366.86	240.78	2.524		
14,900.00	7,080.23	14,666.17	6,927.82	125.51	124.24	-75.47	-145.60	-6,765.33	608.44	364.40	244.04	2.493		
15,000.00	7,077.19	14,766.17	6,925.00	127.17	125.90	-75.51	-146.26	-6,865.29	609.24	361.94	247.30	2.464		
15,100.00	7,074.15	14,866.16	6,922.19	128.82	127.55	-75.55	-146.92	-6,965.24	610.03	359.48	250.56	2.435		
15,200.00	7,071.11	14,966.16	6,919.37	130.48	129.20	-75.59	-147.59	-7,065.20	610.83	357.01	253.82	2.407		
15,300.00	7,068.07	15,066.16	6,916.55	132.13	130.86	-75.64	-148.25	-7,165.15	611.63	354.55	257.08	2.379		



**Hewlett-Packard**  
Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										<b>Offset Well Error:</b>	3.28 usft
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>							
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	<b>Warning</b>
15,400.00	7,065.03	15,166.15	6,913.73	133.79	132.51	-75.68	-148.91	-7,265.10	612.43	352.08	260.35	2.352	
15,500.00	7,061.98	15,266.15	6,910.92	135.44	134.17	-75.72	-149.57	-7,365.06	613.22	349.61	263.61	2.326	
15,600.00	7,058.94	15,366.14	6,908.10	137.10	135.83	-75.76	-150.23	-7,465.01	614.02	347.14	266.88	2.301	
15,665.20	7,056.96	15,431.34	6,906.26	138.18	136.91	-75.78	-150.66	-7,530.18	614.54	345.53	269.01	2.284 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.37	1.09	-99.95	99.95				
100.00	100.00	100.00	100.00	3.28	3.28	-89.37	1.09	-99.95	99.95	92.43	7.53	13.276	
200.00	200.00	200.00	200.00	3.31	3.31	-89.37	1.09	-99.95	99.95	92.38	7.57	13.197	
300.00	300.00	301.68	301.68	3.35	3.35	-158.77	0.92	-99.51	99.94	92.28	7.66	13.046	
400.00	399.93	405.00	404.93	3.41	3.41	-160.29	-0.43	-96.04	99.86	92.08	7.78	12.837	
442.84	442.70	449.22	449.06	3.45	3.45	-161.40	-1.43	-93.50	99.84	92.00	7.84	12.731	CC
500.00	499.68	508.16	507.81	3.50	3.50	-163.30	-3.14	-89.12	99.89	91.96	7.94	12.588	ES
600.00	599.13	611.06	610.10	3.62	3.62	-167.78	-7.18	-78.79	100.45	92.31	8.14	12.346	
700.00	698.15	713.59	711.57	3.76	3.77	-173.60	-12.53	-65.09	102.10	93.71	8.39	12.170	
800.00	796.71	814.44	810.86	3.94	3.96	-179.75	-18.96	-48.64	105.35	96.63	8.71	12.089	
900.00	895.20	913.63	908.42	4.14	4.18	-173.48	-25.48	-31.97	109.96	100.85	9.11	12.074	
1,000.00	993.68	1,012.82	1,005.98	4.37	4.42	-167.76	-32.00	-15.29	115.79	106.24	9.55	12.123	
1,100.00	1,092.17	1,112.01	1,103.54	4.62	4.68	-162.64	-38.52	1.39	122.66	112.62	10.04	12.216	
1,200.00	1,190.66	1,211.19	1,201.10	4.89	4.96	-158.08	-45.04	18.06	130.42	119.85	10.57	12.337	
1,300.00	1,289.14	1,310.38	1,298.65	5.17	5.26	-154.06	-51.56	34.74	138.91	127.77	11.13	12.475	
1,400.00	1,387.63	1,409.57	1,396.21	5.47	5.57	-150.51	-58.07	51.42	148.00	136.27	11.73	12.621	
1,500.00	1,486.12	1,508.76	1,493.77	5.77	5.89	-147.37	-64.59	68.09	157.59	145.25	12.34	12.770	
1,600.00	1,584.60	1,607.95	1,591.33	6.09	6.22	-144.61	-71.11	84.77	167.60	154.63	12.97	12.918	
1,700.00	1,683.09	1,707.14	1,688.89	6.41	6.56	-142.15	-77.63	101.45	177.96	164.34	13.62	13.062	
1,800.00	1,781.58	1,806.33	1,786.45	6.74	6.89	-139.97	-84.15	118.12	188.61	174.33	14.28	13.211	
1,900.00	1,880.06	1,905.51	1,884.01	6.92	7.07	-138.03	-90.67	134.80	199.49	185.23	14.26	13.989	
2,000.00	1,978.55	2,004.70	1,981.57	6.96	7.12	-136.28	-97.19	151.48	210.58	196.23	14.35	14.672	
2,100.00	2,077.04	2,103.89	2,079.13	7.01	7.17	-134.71	-103.71	168.15	221.85	207.37	14.48	15.326	
2,200.00	2,175.52	2,203.08	2,176.69	7.08	7.25	-133.30	-110.23	184.83	233.26	218.64	14.63	15.947	
2,300.00	2,274.01	2,302.27	2,274.25	7.17	7.34	-132.01	-116.74	201.51	244.81	230.00	14.81	16.530	
2,400.00	2,372.50	2,401.46	2,371.80	7.27	7.45	-130.84	-123.26	218.18	256.46	241.44	15.02	17.074	
2,500.00	2,470.99	2,500.65	2,469.36	7.38	7.57	-129.78	-129.78	234.86	268.21	252.95	15.26	17.578	
2,600.00	2,569.47	2,600.17	2,566.92	7.51	7.70	-128.80	-136.30	251.54	280.04	264.52	15.52	18.040	
2,700.00	2,667.96	2,700.98	2,664.48	7.65	7.85	-127.90	-142.82	268.21	291.95	276.13	15.81	18.460	
2,800.00	2,766.45	2,801.79	2,762.04	7.81	8.02	-127.07	-149.34	284.89	303.92	287.79	16.13	18.841	
2,900.00	2,864.93	2,902.60	2,859.60	7.97	8.19	-126.31	-155.86	301.57	315.95	299.48	16.47	19.184	
3,000.00	2,963.42	3,003.41	2,957.16	8.15	8.38	-125.60	-162.38	318.24	328.04	311.21	16.83	19.491	
3,100.00	3,061.91	3,104.22	3,054.72	8.33	8.58	-124.94	-168.89	334.92	340.16	322.95	17.21	19.765	
3,200.00	3,160.39	3,194.97	3,152.28	8.53	8.77	-124.33	-175.41	351.60	352.33	334.74	17.59	20.033	
3,300.00	3,258.88	3,305.84	3,249.84	8.73	9.00	-123.76	-181.93	368.27	364.54	346.51	18.02	20.224	
3,400.00	3,357.37	3,406.66	3,347.40	8.94	9.23	-123.22	-188.45	384.95	376.78	358.32	18.46	20.414	
3,500.00	3,455.85	3,507.47	3,444.95	9.16	9.46	-122.72	-194.97	401.63	389.05	370.14	18.90	20.580	
3,600.00	3,554.34	3,608.28	3,542.51	9.39	9.70	-122.25	-201.49	418.30	401.35	381.98	19.37	20.724	
3,700.00	3,652.83	3,709.09	3,640.07	9.62	9.95	-121.81	-208.01	434.98	413.67	393.83	19.84	20.850	
3,800.00	3,751.31	3,809.90	3,737.63	9.86	10.20	-121.39	-214.53	451.66	426.02	405.69	20.33	20.958	
3,900.00	3,849.80	3,889.29	3,835.19	10.10	10.41	-121.00	-221.04	468.33	438.38	417.61	20.77	21.107	
4,000.00	3,948.29	3,988.48	3,932.75	10.35	10.67	-120.63	-227.56	485.01	450.77	429.50	21.27	21.190	
4,100.00	4,046.77	4,087.66	4,030.31	10.61	10.93	-120.27	-234.08	501.69	463.17	441.39	21.78	21.262	
4,200.00	4,145.26	4,186.85	4,127.87	10.86	11.20	-119.94	-240.60	518.36	475.59	453.29	22.31	21.322	
4,300.00	4,243.75	4,286.04	4,225.43	11.13	11.48	-119.62	-247.12	535.04	488.03	465.19	22.84	21.372	
4,400.00	4,342.23	4,385.23	4,322.99	11.39	11.75	-119.32	-253.64	551.72	500.48	477.10	23.37	21.413	
4,500.00	4,440.72	4,484.42	4,420.55	11.66	12.03	-119.04	-260.16	568.39	512.94	489.02	23.92	21.447	
4,600.00	4,539.21	4,583.61	4,518.10	11.94	12.32	-118.76	-266.68	585.07	525.41	500.95	24.47	21.474	
4,700.00	4,637.70	4,682.80	4,615.66	12.22	12.61	-118.50	-273.20	601.75	537.90	512.87	25.02	21.494	
4,800.00	4,736.18	4,781.98	4,713.22	12.50	12.90	-118.26	-279.71	618.42	550.39	524.81	25.59	21.510	
4,900.00	4,834.67	4,881.17	4,810.78	12.78	13.19	-118.02	-286.23	635.10	562.90	536.74	26.16	21.520	
5,000.00	4,933.16	4,980.36	4,908.34	13.07	13.49	-117.79	-292.75	651.78	575.41	548.68	26.73	21.527	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,079.55	5,005.90	13.35	13.79	117.57	-299.27	668.45	587.94	560.63	27.31	21.529	
5,200.00	5,130.13	5,178.74	5,103.46	13.64	14.09	117.37	-305.79	685.13	600.47	572.58	27.89	21.529	
5,300.00	5,228.62	5,277.93	5,201.02	13.94	14.39	117.17	-312.31	701.81	613.01	584.53	28.48	21.525	
5,400.00	5,327.10	5,377.12	5,298.58	14.23	14.70	116.97	-318.83	718.48	625.55	596.48	29.07	21.519	
5,500.00	5,425.59	5,476.31	5,396.14	14.53	15.01	116.79	-325.35	735.16	638.10	608.44	29.66	21.511	
5,600.00	5,524.08	5,575.49	5,493.70	14.83	15.32	116.61	-331.86	751.84	650.66	620.40	30.26	21.501	
5,700.00	5,622.56	5,674.68	5,591.25	15.13	15.63	116.44	-338.38	768.51	663.23	632.36	30.86	21.489	
5,800.00	5,721.05	5,773.87	5,688.81	15.43	15.94	116.28	-344.90	785.19	675.80	644.33	31.47	21.476	
5,900.00	5,819.54	5,873.06	5,786.37	15.73	16.25	116.12	-351.42	801.87	688.37	656.30	32.08	21.461	
6,000.00	5,918.02	5,972.25	5,883.93	16.03	16.57	115.97	-357.94	818.54	700.95	668.27	32.69	21.446	
6,100.00	6,016.51	6,071.44	5,981.49	16.34	16.89	115.82	-364.46	835.22	713.54	680.24	33.30	21.429	
6,200.00	6,115.00	6,170.63	6,079.05	16.65	17.20	115.68	-370.98	851.90	726.13	692.21	33.91	21.412	
6,300.00	6,213.48	6,269.81	6,176.61	16.95	17.52	115.54	-377.50	868.57	738.72	704.19	34.53	21.393	
6,400.00	6,311.97	6,369.00	6,274.17	17.26	17.84	115.41	-384.01	885.25	751.32	716.17	35.15	21.375	
6,500.00	6,410.46	6,468.19	6,371.73	17.57	18.17	115.28	-390.53	901.93	763.92	728.15	35.77	21.356	
6,600.00	6,508.95	6,565.76	6,467.74	17.88	18.46	115.18	-396.94	918.06	776.55	740.17	36.37	21.351	
6,700.00	6,607.69	6,656.39	6,557.89	18.17	18.63	131.36	-402.78	924.23	789.75	752.94	36.81	21.452	
6,800.00	6,707.39	6,745.96	6,646.98	18.34	18.73	-124.92	-408.28	917.68	802.94	765.87	37.07	21.659	
6,900.00	6,805.96	6,834.82	6,733.61	18.45	18.79	-97.60	-413.37	898.88	815.61	778.41	37.20	21.924	
7,000.00	6,900.99	6,923.22	6,816.37	18.49	18.81	-90.32	-417.97	868.38	827.43	790.20	37.23	22.224	
7,100.00	6,990.14	7,011.38	6,893.95	18.49	18.79	-86.74	-422.01	826.83	838.09	800.90	37.19	22.536	
7,200.00	7,071.20	7,099.52	6,965.05	18.47	18.76	-84.59	-425.43	774.97	847.34	810.22	37.12	22.828	
7,300.00	7,142.19	7,187.84	7,028.45	18.46	18.72	-83.23	-428.17	713.66	854.94	817.87	37.07	23.063	
7,400.00	7,201.35	7,276.52	7,083.00	18.48	18.70	-82.42	-430.17	643.86	860.74	823.63	37.10	23.199	
7,500.00	7,247.23	7,365.74	7,127.60	18.58	18.72	-82.06	-431.39	566.68	864.60	827.34	37.27	23.201	
7,600.00	7,278.70	7,455.66	7,161.21	18.78	18.78	-82.09	-431.79	483.36	866.47	828.87	37.60	23.045	
7,700.00	7,294.98	7,546.44	7,182.94	19.08	18.92	-82.48	-431.33	395.30	866.32	828.19	38.12	22.723	
7,800.00	7,296.21	7,638.26	7,191.99	19.48	19.14	-83.11	-430.01	304.01	864.28	825.44	38.84	22.255	
7,900.00	7,293.16	7,735.59	7,190.31	20.02	19.51	-83.18	-427.88	206.73	862.17	822.37	39.79	21.666	
8,000.00	7,290.12	7,835.57	7,187.65	20.67	20.02	-83.19	-425.63	106.82	860.11	819.11	41.00	20.977	
8,100.00	7,287.08	7,935.55	7,184.99	21.44	20.67	-83.20	-423.39	6.90	858.05	815.61	42.44	20.217	
8,200.00	7,284.04	8,035.53	7,182.33	22.31	21.45	-83.21	-421.15	-93.02	856.00	811.91	44.09	19.416	
8,300.00	7,281.00	8,135.51	7,179.67	23.26	22.33	-83.22	-418.90	-192.94	853.94	808.02	45.92	18.597	
8,400.00	7,277.95	8,235.48	7,177.01	24.29	23.30	-83.23	-416.66	-292.86	851.89	803.97	47.91	17.780	
8,500.00	7,274.91	8,335.46	7,174.35	25.39	24.36	-83.24	-414.41	-392.78	849.83	799.78	50.05	16.979	
8,600.00	7,271.87	8,435.44	7,171.69	26.55	25.48	-83.25	-412.17	-492.69	847.78	795.46	52.32	16.205	
8,700.00	7,268.83	8,535.42	7,169.03	27.76	26.66	-83.25	-409.92	-592.61	845.72	791.03	54.69	15.464	
8,800.00	7,265.79	8,635.40	7,166.37	29.01	27.89	-83.26	-407.68	-692.53	843.67	786.51	57.16	14.760	
8,900.00	7,262.75	8,735.38	7,163.71	30.31	29.17	-83.27	-405.44	-792.45	841.61	781.90	59.71	14.094	
9,000.00	7,259.70	8,835.36	7,161.05	31.64	30.48	-83.28	-403.19	-892.37	839.56	777.21	62.34	13.467	
9,100.00	7,256.66	8,935.34	7,158.39	33.00	31.83	-83.29	-400.95	-992.28	837.50	772.46	65.04	12.878	
9,200.00	7,253.62	9,035.31	7,155.73	34.38	33.21	-83.30	-398.70	-1,092.20	835.44	767.66	67.79	12.325	
9,300.00	7,250.58	9,135.29	7,153.07	35.80	34.61	-83.31	-396.46	-1,192.12	833.39	762.80	70.59	11.807	
9,400.00	7,247.54	9,235.27	7,150.41	37.23	36.04	-83.32	-394.21	-1,292.04	831.33	757.90	73.43	11.321	
9,500.00	7,244.49	9,335.25	7,147.75	38.68	37.49	-83.33	-391.97	-1,391.96	829.28	752.96	76.31	10.867	
9,600.00	7,241.45	9,435.23	7,145.09	40.15	38.95	-83.34	-389.73	-1,491.88	827.22	747.99	79.23	10.440	
9,700.00	7,238.41	9,535.21	7,142.43	41.64	40.44	-83.35	-387.48	-1,591.79	825.17	742.98	82.18	10.040	
9,800.00	7,235.37	9,635.19	7,139.77	43.14	41.93	-83.36	-385.24	-1,691.71	823.11	737.95	85.16	9.665	
9,900.00	7,232.33	9,735.17	7,137.11	44.65	43.44	-83.37	-382.99	-1,791.63	821.06	732.89	88.17	9.313	
10,000.00	7,229.28	9,835.14	7,134.45	46.17	44.96	-83.38	-380.75	-1,891.55	819.00	727.81	91.19	8.981	
10,100.00	7,226.24	9,935.12	7,131.79	47.70	46.49	-83.39	-378.50	-1,991.47	816.95	722.71	94.24	8.669	
10,200.00	7,223.20	10,035.10	7,129.13	49.24	48.04	-83.40	-376.26	-2,091.38	814.89	717.59	97.31	8.374	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,220.16	10,135.08	7,126.47	50.79	49.59	-83.41	-374.02	-2,191.30	812.84	712.45	100.39	8.097		
10,400.00	7,217.12	10,235.06	7,123.81	52.35	51.14	-83.42	-371.77	-2,291.22	810.78	707.29	103.49	7.835		
10,500.00	7,214.08	10,335.04	7,121.15	53.91	52.71	-83.43	-369.53	-2,391.14	808.73	702.13	106.60	7.586		
10,600.00	7,211.03	10,435.02	7,118.49	55.48	54.28	-83.44	-367.28	-2,491.06	806.67	696.95	109.73	7.352		
10,700.00	7,207.99	10,535.00	7,115.83	57.06	55.85	-83.45	-365.04	-2,590.98	804.62	691.76	112.86	7.129		
10,800.00	7,204.95	10,634.97	7,113.17	58.64	57.44	-83.47	-362.79	-2,690.89	802.56	686.55	116.01	6.918		
10,900.00	7,201.91	10,734.95	7,110.51	60.22	59.02	-83.48	-360.55	-2,790.81	800.51	681.34	119.17	6.717		
11,000.00	7,198.87	10,834.93	7,107.85	61.82	60.62	-83.49	-358.31	-2,890.73	798.45	676.12	122.34	6.527		
11,100.00	7,195.82	10,934.91	7,105.19	63.41	62.21	-83.50	-356.06	-2,990.65	796.40	670.89	125.51	6.345		
11,200.00	7,192.78	11,034.89	7,102.53	65.01	63.81	-83.51	-353.82	-3,090.57	794.34	665.65	128.70	6.172		
11,300.00	7,189.74	11,134.87	7,099.87	66.61	65.42	-83.52	-351.57	-3,190.48	792.29	660.40	131.89	6.007		
11,400.00	7,186.70	11,234.85	7,097.21	68.22	67.03	-83.53	-349.33	-3,290.40	790.24	655.15	135.09	5.850		
11,500.00	7,183.66	11,334.83	7,094.55	69.83	68.64	-83.54	-347.08	-3,390.32	788.18	649.89	138.29	5.699		
11,600.00	7,180.62	11,434.81	7,091.89	71.44	70.25	-83.55	-344.84	-3,490.24	786.13	644.63	141.50	5.556		
11,700.00	7,177.57	11,534.78	7,089.23	73.05	71.87	-83.56	-342.60	-3,590.16	784.07	639.36	144.72	5.418		
11,800.00	7,174.53	11,634.76	7,086.57	74.67	73.48	-83.57	-340.35	-3,690.08	782.02	634.08	147.94	5.286		
11,900.00	7,171.49	11,734.74	7,083.91	76.29	75.11	-83.58	-338.11	-3,789.99	779.96	628.80	151.16	5.160		
12,000.00	7,168.45	11,834.72	7,081.25	77.91	76.73	-83.60	-335.86	-3,889.91	777.91	623.52	154.39	5.038		
12,100.00	7,165.41	11,934.70	7,078.59	79.53	78.36	-83.61	-333.62	-3,989.83	775.85	618.23	157.63	4.922		
12,200.00	7,162.36	12,034.68	7,075.93	81.16	79.98	-83.62	-331.37	-4,089.75	773.80	612.93	160.87	4.810		
12,300.00	7,159.32	12,134.66	7,073.27	82.79	81.61	-83.63	-329.13	-4,189.67	771.74	607.64	164.11	4.703		
12,400.00	7,156.28	12,234.64	7,070.61	84.42	83.24	-83.64	-326.89	-4,289.58	769.69	602.34	167.36	4.599		
12,500.00	7,153.24	12,334.61	7,067.95	86.05	84.88	-83.65	-324.64	-4,389.50	767.64	597.03	170.60	4.499		
12,600.00	7,150.20	12,434.59	7,065.29	87.68	86.51	-83.66	-322.40	-4,489.42	765.58	591.72	173.86	4.403		
12,700.00	7,147.16	12,534.57	7,062.63	89.31	88.15	-83.68	-320.15	-4,589.34	763.53	586.41	177.11	4.311		
12,800.00	7,144.11	12,634.55	7,059.97	90.95	89.79	-83.69	-317.91	-4,689.26	761.47	581.10	180.37	4.222		
12,900.00	7,141.07	12,734.53	7,057.31	92.58	91.42	-83.70	-315.66	-4,789.18	759.42	575.78	183.63	4.136		
13,000.00	7,138.03	12,834.51	7,054.65	94.22	93.06	-83.71	-313.42	-4,889.09	757.36	570.47	186.90	4.052		
13,100.00	7,134.99	12,934.49	7,051.99	95.86	94.71	-83.72	-311.18	-4,989.01	755.31	565.15	190.16	3.972		
13,200.00	7,131.95	13,034.47	7,049.34	97.50	96.35	-83.74	-308.93	-5,088.93	753.26	559.82	193.43	3.894		
13,300.00	7,128.90	13,134.44	7,046.68	99.14	97.99	-83.75	-306.69	-5,188.85	751.20	554.50	196.70	3.819		
13,400.00	7,125.86	13,234.42	7,044.02	100.79	99.64	-83.76	-304.44	-5,288.77	749.15	549.17	199.98	3.746		
13,500.00	7,122.82	13,334.40	7,041.36	102.43	101.28	-83.77	-302.20	-5,388.68	747.09	543.84	203.25	3.676		
13,600.00	7,119.78	13,434.38	7,038.70	104.07	102.93	-83.78	-299.95	-5,488.60	745.04	538.51	206.53	3.607		
13,700.00	7,116.74	13,534.36	7,036.04	105.72	104.57	-83.80	-297.71	-5,588.52	742.99	533.18	209.81	3.541		
13,800.00	7,113.69	13,634.34	7,033.38	107.36	106.22	-83.81	-295.47	-5,688.44	740.93	527.84	213.09	3.477		
13,900.00	7,110.65	13,728.30	7,030.88	109.01	107.77	-83.82	-293.23	-5,788.34	739.00	522.71	216.29	3.417		
13,944.88	7,109.29	13,764.02	7,029.93	109.75	108.36	-83.83	-293.17	-5,818.05	738.72	521.11	217.61	3.395		
14,000.00	7,107.61	13,807.89	7,028.76	110.66	109.08	-83.85	-293.42	-5,861.90	739.14	519.96	219.18	3.372		
14,100.00	7,104.57	13,887.41	7,026.64	112.31	110.38	-83.89	-295.60	-5,941.36	742.04	520.13	221.92	3.344		
14,200.00	7,101.53	13,980.81	7,024.16	113.96	111.91	-83.95	-300.16	-6,034.62	747.06	522.06	225.00	3.320		
14,300.00	7,098.49	14,080.67	7,021.51	115.60	113.55	-84.03	-305.16	-6,134.32	752.21	523.92	228.29	3.295		
14,400.00	7,095.44	14,180.54	7,018.85	117.25	115.19	-84.09	-310.15	-6,234.03	757.36	525.78	231.58	3.270		
14,500.00	7,092.40	14,280.40	7,016.20	118.91	116.83	-84.16	-315.15	-6,333.73	762.52	527.64	234.88	3.246		
14,600.00	7,089.36	14,380.26	7,013.54	120.56	118.46	-84.23	-320.14	-6,433.43	767.68	529.50	238.18	3.223		
14,700.00	7,086.32	14,480.13	7,010.89	122.21	120.10	-84.30	-325.14	-6,533.13	772.83	531.36	241.47	3.201		
14,800.00	7,083.28	14,579.99	7,008.24	123.86	121.74	-84.36	-330.13	-6,632.84	777.99	533.22	244.77	3.178		
14,900.00	7,080.23	14,679.85	7,005.58	125.51	123.39	-84.43	-335.13	-6,732.54	783.15	535.08	248.07	3.157		
15,000.00	7,077.19	14,779.71	7,002.93	127.17	125.03	-84.49	-340.12	-6,832.24	788.31	536.94	251.38	3.136		
15,100.00	7,074.15	14,879.58	7,000.27	128.82	126.67	-84.56	-345.12	-6,931.94	793.47	538.79	254.68	3.116		
15,200.00	7,071.11	14,979.44	6,997.62	130.48	128.31	-84.62	-350.11	-7,031.65	798.64	540.65	257.98	3.096		
15,300.00	7,068.07	15,079.30	6,994.97	132.13	129.96	-84.68	-355.10	-7,131.35	803.80	542.51	261.29	3.076		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	7,065.03	15,179.17	6,992.31	133.79	131.60	-84.74	-360.10	-7,231.05	808.96	544.37	264.59	3.057	
15,500.00	7,061.98	15,279.03	6,989.66	135.44	133.24	-84.80	-365.09	-7,330.75	814.13	546.23	267.90	3.039	
15,600.00	7,058.94	15,379.14	6,987.00	137.10	134.89	-84.86	-370.09	-7,430.46	819.29	548.08	271.21	3.021	
15,665.20	7,056.96	15,444.00	6,985.27	138.18	135.96	-84.90	-373.34	-7,495.46	822.66	549.30	273.36	3.009 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.81	3.67	-1,119.76	1,119.77				
100.00	100.00	101.00	101.00	3.28	3.28	-89.81	3.67	-1,119.76	1,119.77	1,112.24	7.53	148.728	
200.00	200.00	201.00	201.00	3.31	3.31	-89.81	3.67	-1,119.76	1,119.77	1,112.19	7.57	147.839	
200.00	200.00	201.00	201.00	3.31	3.31	-89.81	3.67	-1,119.76	1,119.77	1,112.19	7.57	147.839	
300.00	300.00	301.00	301.00	3.35	3.35	-159.03	3.67	-1,119.76	1,120.18	1,112.51	7.66	146.169	
400.00	399.93	400.93	400.93	3.41	3.42	-159.07	3.67	-1,119.76	1,123.44	1,115.64	7.79	144.129	
500.00	499.68	500.68	500.68	3.50	3.50	-159.15	3.67	-1,119.76	1,129.95	1,121.98	7.97	141.777	
600.00	599.13	600.13	600.13	3.62	3.61	-159.27	3.67	-1,119.76	1,139.73	1,131.55	8.19	139.215	
700.00	698.15	700.85	699.15	3.76	3.73	-159.42	3.67	-1,119.76	1,152.77	1,144.32	8.45	136.493	
800.00	796.71	802.29	797.71	3.94	3.88	-159.66	3.67	-1,119.76	1,168.65	1,159.90	8.74	133.652	
900.00	895.20	896.20	896.20	4.14	4.02	-159.95	3.67	-1,119.76	1,184.94	1,175.89	9.05	130.883	
1,000.00	993.68	1,062.88	1,062.79	4.37	4.28	-160.42	3.74	-1,115.13	1,198.57	1,189.09	9.48	126.477	
1,100.00	1,092.17	1,234.42	1,233.66	4.62	4.58	-160.90	3.96	-1,100.27	1,206.33	1,196.40	9.93	121.497	
1,200.00	1,190.66	1,406.93	1,404.29	4.89	4.95	-161.38	4.33	-1,075.03	1,208.12	1,197.71	10.41	116.018	
1,300.00	1,289.14	1,527.19	1,522.37	5.17	5.25	-161.73	4.67	-1,052.27	1,205.49	1,194.62	10.87	110.882	
1,400.00	1,387.63	1,626.97	1,620.28	5.47	5.52	-162.01	4.95	-1,033.04	1,202.65	1,191.32	11.33	106.152	
1,500.00	1,486.12	1,726.75	1,718.19	5.77	5.81	-162.30	5.24	-1,013.82	1,199.83	1,188.03	11.81	101.634	
1,600.00	1,584.60	1,826.53	1,816.10	6.09	6.07	-162.58	5.52	-994.59	1,197.05	1,184.95	12.09	98.979	
1,700.00	1,683.09	1,926.31	1,914.01	6.41	6.20	-162.87	5.80	-975.37	1,194.30	1,181.85	12.45	95.952	
1,800.00	1,781.58	2,026.09	2,011.93	6.74	6.24	-163.16	6.09	-956.14	1,191.57	1,178.84	12.73	93.589	
1,900.00	1,880.06	2,125.87	2,109.84	6.92	6.31	-163.45	6.37	-936.92	1,188.88	1,176.18	12.70	93.625	
2,000.00	1,978.55	2,225.65	2,207.75	6.96	6.39	-163.74	6.66	-917.69	1,186.22	1,173.45	12.77	92.872	
2,100.00	2,077.04	2,325.43	2,305.66	7.01	6.49	-164.04	6.94	-898.47	1,183.59	1,170.71	12.88	91.900	
2,200.00	2,175.52	2,425.21	2,403.57	7.08	6.60	-164.33	7.23	-879.24	1,180.99	1,167.97	13.02	90.726	
2,300.00	2,274.01	2,524.99	2,501.48	7.17	6.74	-164.63	7.51	-860.02	1,178.42	1,165.24	13.19	89.372	
2,400.00	2,372.50	2,624.78	2,599.39	7.27	6.89	-164.93	7.79	-840.79	1,175.89	1,162.51	13.38	87.862	
2,500.00	2,470.99	2,724.56	2,697.30	7.38	7.05	-165.22	8.08	-821.57	1,173.39	1,159.78	13.61	86.221	
2,600.00	2,569.47	2,824.34	2,795.21	7.51	7.23	-165.52	8.36	-802.34	1,170.91	1,157.05	13.86	84.473	
2,700.00	2,667.96	2,924.12	2,893.12	7.65	7.42	-165.83	8.65	-783.12	1,168.48	1,154.34	14.14	82.643	
2,800.00	2,766.45	3,023.90	2,991.03	7.81	7.62	-166.13	8.93	-763.89	1,166.07	1,151.63	14.44	80.752	
2,900.00	2,864.93	3,123.68	3,088.94	7.97	7.84	-166.43	9.22	-744.67	1,163.70	1,148.93	14.76	78.822	
3,000.00	2,963.42	3,223.46	3,186.85	8.15	8.06	-166.74	9.50	-725.44	1,161.35	1,146.25	15.11	76.869	
3,100.00	3,061.91	3,323.24	3,284.76	8.33	8.29	-167.04	9.79	-706.22	1,159.05	1,143.58	15.47	74.916	
3,200.00	3,160.39	3,423.02	3,382.67	8.53	8.54	-167.35	10.07	-686.99	1,156.77	1,140.92	15.85	72.968	
3,300.00	3,258.88	3,522.80	3,480.58	8.73	8.78	-167.66	10.35	-667.77	1,154.53	1,138.28	16.25	71.040	
3,400.00	3,357.37	3,622.58	3,578.49	8.94	9.04	-167.97	10.64	-648.54	1,152.33	1,135.66	16.67	69.142	
3,500.00	3,455.85	3,722.36	3,676.40	9.16	9.30	-168.28	10.92	-629.32	1,150.15	1,133.06	17.10	67.280	
3,600.00	3,554.34	3,822.14	3,774.31	9.39	9.57	-168.59	11.21	-610.09	1,148.01	1,130.48	17.54	65.461	
3,700.00	3,652.83	3,921.92	3,872.22	9.62	9.85	-168.90	11.49	-590.87	1,145.91	1,127.92	17.99	63.689	
3,800.00	3,751.31	4,021.70	3,970.13	9.86	10.13	-169.22	11.78	-571.64	1,143.84	1,125.38	18.46	61.967	
3,900.00	3,849.80	4,121.48	4,068.04	10.10	10.41	-169.53	12.06	-552.42	1,141.80	1,122.87	18.94	60.298	
4,000.00	3,948.29	4,221.26	4,165.95	10.35	10.70	-169.85	12.34	-533.19	1,139.80	1,120.38	19.42	58.683	
4,100.00	4,046.77	4,321.04	4,263.86	10.61	10.99	-170.17	12.63	-513.97	1,137.84	1,117.92	19.92	57.121	
4,200.00	4,145.26	4,420.82	4,361.77	10.86	11.29	-170.49	12.91	-494.75	1,135.91	1,115.48	20.43	55.613	
4,300.00	4,243.75	4,520.60	4,459.68	11.13	11.59	-170.81	13.20	-475.52	1,134.01	1,113.07	20.94	54.159	
4,400.00	4,342.23	4,620.38	4,557.59	11.39	11.89	-171.13	13.48	-456.30	1,132.15	1,110.69	21.46	52.758	
4,500.00	4,440.72	4,720.16	4,655.50	11.66	12.20	-171.45	13.77	-437.07	1,130.33	1,108.34	21.99	51.408	
4,600.00	4,539.21	4,819.94	4,753.41	11.94	12.50	-171.77	14.05	-417.85	1,128.54	1,106.02	22.52	50.109	
4,700.00	4,637.70	4,919.72	4,851.32	12.22	12.81	-172.10	14.33	-398.62	1,126.79	1,103.73	23.06	48.858	
4,800.00	4,736.18	5,019.50	4,949.24	12.50	13.13	-172.42	14.62	-379.40	1,125.07	1,101.47	23.61	47.654	
4,900.00	4,834.67	5,119.28	5,047.15	12.78	13.44	-172.75	14.90	-360.17	1,123.40	1,099.24	24.16	46.496	
5,000.00	4,933.16	5,219.06	5,145.06	13.07	13.76	-173.08	15.19	-340.95	1,121.75	1,097.04	24.72	45.382	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,318.84	5,242.97	13.35	14.08	-173.40	15.47	-321.72	1,120.15	1,094.87	25.28	44.309		
5,200.00	5,130.13	5,418.62	5,340.88	13.64	14.40	-173.73	15.76	-302.50	1,118.58	1,092.73	25.85	43.278		
5,300.00	5,228.62	5,518.40	5,438.79	13.94	14.72	-174.06	16.04	-283.27	1,117.05	1,090.63	26.42	42.284		
5,400.00	5,327.10	5,618.18	5,536.70	14.23	15.04	-174.39	16.33	-264.05	1,115.56	1,088.56	26.99	41.328		
5,500.00	5,425.59	5,717.96	5,634.61	14.53	15.37	-174.72	16.61	-244.82	1,114.10	1,086.53	27.57	40.408		
5,600.00	5,524.08	5,817.74	5,732.52	14.83	15.70	-175.06	16.89	-225.60	1,112.68	1,084.53	28.15	39.521		
5,700.00	5,622.56	5,917.53	5,830.43	15.13	16.02	-175.39	17.18	-206.37	1,111.30	1,082.56	28.74	38.667		
5,800.00	5,721.05	6,017.31	5,928.34	15.43	16.35	-175.72	17.46	-187.15	1,109.95	1,080.63	29.33	37.844		
5,900.00	5,819.54	6,117.09	6,026.25	15.73	16.68	-176.06	17.75	-167.92	1,108.65	1,078.73	29.92	37.051		
6,000.00	5,918.02	6,216.87	6,124.16	16.03	17.01	-176.39	18.03	-148.70	1,107.38	1,076.86	30.52	36.287		
6,100.00	6,016.51	6,316.65	6,222.07	16.34	17.35	-176.73	18.32	-129.47	1,106.15	1,075.04	31.12	35.549		
6,200.00	6,115.00	6,416.43	6,319.98	16.65	17.68	-177.07	18.60	-110.25	1,104.96	1,073.24	31.72	34.837		
6,300.00	6,213.48	6,516.21	6,417.89	16.95	18.01	-177.41	18.88	-91.02	1,103.81	1,071.49	32.32	34.150		
6,400.00	6,311.97	8,131.74	7,308.53	17.26	30.82	131.93	24.69	961.49	1,051.49	1,018.94	32.55	32.305		
6,500.00	6,410.46	8,147.55	7,308.47	17.57	31.03	129.96	24.74	977.31	960.87	927.36	33.51	28.673		
6,600.00	6,508.95	8,163.37	7,308.40	17.88	31.24	127.93	24.80	993.12	872.01	837.35	34.66	25.157		
6,700.00	6,607.69	8,177.31	7,308.34	18.17	31.42	133.89	24.85	1,007.06	785.31	749.26	36.05	21.783		
6,800.00	6,707.39	8,177.64	7,308.34	18.34	31.42	-138.07	24.85	1,007.39	701.19	663.56	37.63	18.632		
6,900.00	6,805.96	8,162.33	7,308.41	18.45	31.22	-121.34	24.80	992.09	622.74	583.32	39.42	15.796		
7,000.00	6,900.99	8,131.78	7,308.53	18.49	30.82	-119.82	24.69	961.53	553.42	512.06	41.36	13.379		
7,100.00	6,990.14	8,086.72	7,308.72	18.49	30.23	-118.11	24.52	916.47	496.37	453.09	43.28	11.468		
7,200.00	7,071.20	8,028.27	7,308.97	18.47	29.49	-114.78	24.31	858.02	453.72	408.84	44.88	10.110		
7,300.00	7,142.19	7,957.86	7,309.26	18.46	28.60	-109.96	24.05	787.62	425.80	379.97	45.83	9.291		
7,400.00	7,201.35	7,877.24	7,309.60	18.48	27.62	-104.33	23.76	707.00	410.68	364.67	46.01	8.925		
7,500.00	7,247.23	7,788.38	7,309.97	18.58	26.56	-98.86	23.43	618.14	404.76	359.17	45.59	8.879 SF		
7,598.25	7,278.27	7,691.51	7,304.12	18.77	25.46	-93.64	23.07	521.54	403.50	358.66	44.83	9.000 CC, ES		
7,600.00	7,278.70	7,689.82	7,303.89	18.78	25.44	-93.55	23.06	519.86	403.50	358.68	44.82	9.003		
7,700.00	7,294.98	7,596.08	7,284.14	19.08	24.40	-88.44	22.68	428.31	404.79	360.81	43.97	9.205		
7,800.00	7,296.21	7,507.15	7,253.19	19.48	23.47	-83.71	22.31	345.02	408.41	365.26	43.15	9.464		
7,900.00	7,293.16	7,426.48	7,215.32	20.02	22.69	-78.80	21.96	273.86	416.68	374.27	42.41	9.826		
8,000.00	7,290.12	7,356.04	7,175.11	20.67	22.05	-73.70	21.66	216.06	432.82	391.11	41.71	10.377		
8,100.00	7,287.08	7,295.40	7,135.57	21.44	21.55	-68.90	21.41	170.11	458.76	417.68	41.08	11.166		
8,200.00	7,284.04	7,243.54	7,098.41	22.31	21.15	-64.63	21.20	133.96	495.16	454.60	40.56	12.208		
8,300.00	7,281.00	7,200.00	7,065.03	23.26	20.84	-61.02	21.02	106.02	541.55	501.39	40.16	13.486		
8,400.00	7,277.95	7,161.30	7,033.82	24.29	20.59	-57.86	20.87	83.16	596.75	556.91	39.84	14.979		
8,500.00	7,274.91	7,128.67	7,006.46	25.39	20.38	-55.24	20.74	65.38	659.38	619.77	39.61	16.647		
8,600.00	7,271.87	7,100.00	6,981.70	26.55	20.21	-53.01	20.64	50.94	728.08	688.65	39.43	18.464		
8,700.00	7,268.83	7,075.87	6,960.37	27.76	20.08	-51.18	20.55	39.65	801.70	762.40	39.30	20.397		
8,800.00	7,265.79	7,050.00	6,937.05	29.01	19.94	-49.29	20.46	28.46	879.32	840.12	39.19	22.434		
8,900.00	7,262.75	7,035.40	6,923.68	30.31	19.87	-48.24	20.41	22.57	960.09	920.97	39.12	24.545		
9,000.00	7,259.70	7,018.59	6,908.15	31.64	19.79	-47.07	20.35	16.17	1,043.49	1,004.44	39.05	26.724		
9,100.00	7,256.66	7,000.00	6,890.77	33.00	19.70	-45.81	20.29	9.56	1,129.05	1,090.06	38.99	28.957		
9,200.00	7,253.62	7,000.00	6,890.77	34.38	19.70	-45.81	20.29	9.56	1,216.46	1,177.54	38.92	31.257		
9,300.00	7,250.58	6,978.13	6,870.09	35.80	19.61	-44.38	20.21	2.45	1,305.13	1,266.24	38.90	33.555		
9,400.00	7,247.54	6,967.20	6,859.67	37.23	19.56	-43.68	20.18	-0.84	1,395.16	1,356.30	38.86	35.903		
9,500.00	7,244.49	6,950.00	6,843.15	38.68	19.49	-42.61	20.13	-5.65	1,486.29	1,447.45	38.85	38.261		
9,600.00	7,241.45	6,950.00	6,843.15	40.15	19.49	-42.61	20.13	-5.65	1,578.21	1,539.42	38.80	40.680		
9,700.00	7,238.41	6,950.00	6,843.15	41.64	19.49	-42.61	20.13	-5.65	1,671.06	1,632.31	38.75	43.125		
9,800.00	7,235.37	6,932.36	6,826.09	43.14	19.42	-41.55	20.07	-10.11	1,764.36	1,725.60	38.77	45.513		
9,900.00	7,232.33	6,925.35	6,819.28	44.65	19.40	-41.14	20.05	-11.76	1,858.35	1,819.60	38.75	47.953		
10,000.00	7,229.28	6,918.88	6,812.97	46.17	19.37	-40.76	20.03	-13.21	1,952.85	1,914.10	38.75	50.402		
10,100.00	7,226.24	6,901.59	6,796.05	47.70	19.31	-39.78	19.98	-16.77	2,047.92	2,009.14	38.78	52.811		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,223.20	6,901.59	6,796.05	49.24	19.31	-39.78	19.98	-16.77	2,143.17	2,104.41	38.76	55.296	
10,300.00	7,220.16	6,903.95	6,798.37	50.79	19.32	-39.92	19.99	-16.32	2,238.82	2,200.09	38.73	57.800	
10,400.00	7,217.12	6,881.71	6,776.54	52.35	19.24	-38.70	19.93	-20.60	2,334.76	2,295.96	38.80	60.171	
10,500.00	7,214.08	6,859.47	6,754.72	53.91	19.17	-37.55	19.86	-24.89	2,430.82	2,391.95	38.87	62.530	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.81	3.67	-1,099.72	1,099.72				
100.00	100.00	101.00	101.00	3.28	3.28	-89.81	3.67	-1,099.72	1,099.72	1,092.19	7.53	146.066	
200.00	200.00	201.00	201.00	3.31	3.31	-89.81	3.67	-1,099.72	1,099.72	1,092.15	7.57	145.193	
300.00	300.00	350.72	350.67	3.35	3.38	-159.06	3.27	-1,096.76	1,098.30	1,090.61	7.68	142.920	
400.00	399.93	511.70	511.19	3.41	3.51	-159.28	1.70	-1,085.01	1,094.25	1,086.40	7.85	139.350	
500.00	499.68	671.88	670.01	3.50	3.72	-159.67	-1.04	-1,064.46	1,087.93	1,079.84	8.08	134.621	
600.00	599.13	788.40	784.84	3.62	3.93	-160.09	-3.65	-1,044.88	1,080.80	1,072.46	8.34	129.600	
700.00	698.15	888.05	882.99	3.76	4.14	-160.50	-5.93	-1,027.83	1,076.77	1,068.14	8.63	124.730	
800.00	796.71	987.70	981.14	3.94	4.37	-160.95	-8.20	-1,010.78	1,075.66	1,066.69	8.97	119.939	
900.00	895.20	1,087.34	1,079.29	4.14	4.63	-161.40	-10.48	-993.73	1,075.01	1,065.67	9.34	115.095	
1,000.00	993.68	1,186.98	1,177.43	4.37	4.90	-161.85	-12.75	-976.68	1,074.43	1,064.68	9.74	110.281	
1,100.00	1,092.17	1,286.62	1,275.58	4.62	5.19	-162.30	-15.03	-959.63	1,073.91	1,063.74	10.17	105.577	
1,200.00	1,190.66	1,386.26	1,373.72	4.89	5.49	-162.75	-17.31	-942.58	1,073.46	1,062.84	10.62	101.051	
1,300.00	1,289.14	1,485.90	1,471.87	5.17	5.80	-163.20	-19.58	-925.53	1,073.08	1,061.98	11.10	96.711	
1,400.00	1,387.63	1,585.54	1,570.01	5.47	6.12	-163.65	-21.86	-908.49	1,072.76	1,061.18	11.59	92.594	
1,500.00	1,486.12	1,685.18	1,668.15	5.77	6.44	-164.10	-24.13	-891.44	1,072.51	1,060.42	12.09	88.705	
1,600.00	1,584.60	1,784.82	1,766.30	6.09	6.78	-164.55	-26.41	-874.39	1,072.33	1,059.72	12.61	85.043	
1,700.00	1,683.09	1,884.46	1,864.44	6.41	6.98	-165.00	-28.68	-857.34	1,072.21	1,059.36	12.85	83.412	
1,800.00	1,781.58	1,984.10	1,962.59	6.74	7.04	-165.45	-30.96	-840.29	1,072.17	1,059.01	13.16	81.498	
1,822.12	1,803.37	2,006.14	1,984.30	6.78	7.05	-165.55	-31.46	-836.52	1,072.16	1,059.18	12.98	82.583	
1,900.00	1,880.06	2,083.74	2,060.73	6.92	7.10	-165.90	-33.23	-823.24	1,072.18	1,059.07	13.12	81.741	
2,000.00	1,978.55	2,183.38	2,158.88	6.96	7.17	-166.35	-35.51	-806.20	1,072.27	1,059.09	13.18	81.333	
2,100.00	2,077.04	2,283.02	2,257.02	7.01	7.25	-166.81	-37.79	-789.15	1,072.42	1,059.14	13.28	80.744	
2,200.00	2,175.52	2,382.66	2,355.17	7.08	7.35	-167.26	-40.06	-772.10	1,072.64	1,059.23	13.41	79.986	
2,300.00	2,274.01	2,482.30	2,453.31	7.17	7.46	-167.71	-42.34	-755.05	1,072.93	1,059.36	13.57	79.074	
2,400.00	2,372.50	2,581.94	2,551.45	7.27	7.59	-168.16	-44.61	-738.00	1,073.28	1,059.53	13.76	78.025	
2,500.00	2,470.99	2,681.58	2,649.60	7.38	7.73	-168.61	-46.89	-720.95	1,073.70	1,059.73	13.97	76.857	
2,600.00	2,569.47	2,781.22	2,747.74	7.51	7.89	-169.06	-49.16	-703.91	1,074.19	1,059.98	14.21	75.587	
2,700.00	2,667.96	2,880.86	2,845.89	7.65	8.05	-169.51	-51.44	-686.86	1,074.74	1,060.27	14.48	74.236	
2,800.00	2,766.45	2,980.50	2,944.03	7.81	8.23	-169.96	-53.71	-669.81	1,075.36	1,060.60	14.77	72.821	
2,900.00	2,864.93	3,080.14	3,042.18	7.97	8.41	-170.41	-55.99	-652.76	1,076.05	1,060.97	15.08	71.357	
3,000.00	2,963.42	3,179.78	3,140.32	8.15	8.61	-170.85	-58.27	-635.71	1,076.80	1,061.39	15.41	69.862	
3,100.00	3,061.91	3,279.42	3,238.47	8.33	8.81	-171.30	-60.54	-618.66	1,077.62	1,061.85	15.77	68.348	
3,200.00	3,160.39	3,379.06	3,336.61	8.53	9.02	-171.75	-62.82	-601.62	1,078.51	1,062.37	16.14	66.827	
3,300.00	3,258.88	3,478.70	3,434.75	8.73	9.24	-172.19	-65.09	-584.57	1,079.46	1,062.93	16.53	65.311	
3,400.00	3,357.37	3,578.34	3,532.90	8.94	9.47	-172.64	-67.37	-567.52	1,080.47	1,063.54	16.93	63.806	
3,500.00	3,455.85	3,677.98	3,631.04	9.16	9.71	-173.08	-69.64	-550.47	1,081.56	1,064.20	17.35	62.322	
3,600.00	3,554.34	3,777.62	3,729.19	9.39	9.95	-173.52	-71.92	-533.42	1,082.70	1,064.91	17.79	60.863	
3,700.00	3,652.83	3,877.26	3,827.33	9.62	10.19	-173.97	-74.19	-516.37	1,083.92	1,065.68	18.24	59.435	
3,800.00	3,751.31	3,976.90	3,925.48	9.86	10.44	-174.41	-76.47	-499.33	1,085.19	1,066.49	18.70	58.040	
3,900.00	3,849.80	4,076.54	4,023.62	10.10	10.70	-174.85	-78.74	-482.28	1,086.53	1,067.36	19.17	56.682	
4,000.00	3,948.29	4,176.18	4,121.77	10.35	10.96	-175.29	-81.02	-465.23	1,087.94	1,068.29	19.65	55.362	
4,100.00	4,046.77	4,275.82	4,219.91	10.61	11.23	-175.72	-83.30	-448.18	1,089.41	1,069.27	20.14	54.083	
4,200.00	4,145.26	4,375.46	4,318.05	10.86	11.50	-176.16	-85.57	-431.13	1,090.94	1,070.30	20.64	52.843	
4,300.00	4,243.75	4,475.10	4,416.20	11.13	11.77	-176.60	-87.85	-414.08	1,092.54	1,071.39	21.16	51.644	
4,400.00	4,342.23	4,574.74	4,514.34	11.39	12.05	-177.03	-90.12	-397.03	1,094.20	1,072.53	21.67	50.486	
4,500.00	4,440.72	4,674.38	4,612.49	11.66	12.33	-177.46	-92.40	-379.99	1,095.93	1,073.73	22.20	49.368	
4,600.00	4,539.21	4,774.02	4,710.63	11.94	12.61	-177.89	-94.67	-362.94	1,097.71	1,074.98	22.73	48.289	
4,700.00	4,637.70	4,873.66	4,808.78	12.22	12.90	-178.32	-96.95	-345.89	1,099.56	1,076.29	23.27	47.248	
4,800.00	4,736.18	4,973.30	4,906.92	12.50	13.19	-178.75	-99.22	-328.84	1,101.47	1,077.66	23.82	46.246	
4,900.00	4,834.67	5,072.94	5,005.06	12.78	13.48	-179.18	-101.50	-311.79	1,103.45	1,079.08	24.37	45.279	
5,000.00	4,933.16	5,172.58	5,103.21	13.07	13.77	-179.61	-103.78	-294.74	1,105.48	1,080.56	24.93	44.348	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,272.22	5,201.35	13.35	14.07	179.97	-106.05	-277.70	1,107.58	1,082.09	25.49	43.452		
5,200.00	5,130.13	5,371.86	5,299.50	13.64	14.37	179.55	-108.33	-260.65	1,109.74	1,083.68	26.06	42.588		
5,300.00	5,228.62	5,471.50	5,397.64	13.94	14.67	179.13	-110.60	-243.60	1,111.95	1,085.32	26.63	41.756		
5,400.00	5,327.10	5,571.14	5,495.79	14.23	14.97	178.71	-112.88	-226.55	1,114.23	1,087.02	27.21	40.954		
5,500.00	5,425.59	5,670.78	5,593.93	14.53	15.27	178.29	-115.15	-209.50	1,116.57	1,088.78	27.79	40.182		
5,600.00	5,524.08	5,770.42	5,692.08	14.83	15.58	177.88	-117.43	-192.45	1,118.96	1,090.59	28.37	39.438		
5,700.00	5,622.56	5,870.06	5,790.22	15.13	15.88	177.46	-119.70	-175.41	1,121.42	1,092.46	28.96	38.721		
5,800.00	5,721.05	5,969.70	5,888.36	15.43	16.19	177.05	-121.98	-158.36	1,123.93	1,094.38	29.55	38.030		
5,900.00	5,819.54	6,069.34	5,986.51	15.73	16.50	176.64	-124.25	-141.31	1,126.50	1,096.35	30.15	37.364		
6,000.00	5,918.02	6,168.98	6,084.65	16.03	16.81	176.23	-126.53	-124.26	1,129.13	1,098.38	30.75	36.721		
6,100.00	6,016.51	6,268.62	6,182.80	16.34	17.12	175.83	-128.81	-107.21	1,131.82	1,100.47	31.35	36.102		
6,200.00	6,115.00	7,921.77	7,126.51	16.65	29.41	126.22	-145.51	931.20	1,125.79	1,092.86	32.93	34.188		
6,300.00	6,213.48	7,937.57	7,126.43	16.95	29.62	124.72	-145.41	947.00	1,041.14	1,007.03	34.10	30.529		
6,400.00	6,311.97	7,953.37	7,126.36	17.26	29.82	123.20	-145.32	962.80	959.19	923.72	35.47	27.042		
6,500.00	6,410.46	7,969.17	7,126.29	17.57	30.03	121.66	-145.22	978.60	880.69	843.62	37.07	23.759		
6,600.00	6,508.95	7,984.97	7,126.22	17.88	30.23	120.11	-145.13	994.40	806.65	767.72	38.93	20.720		
6,700.00	6,607.69	8,001.11	7,126.16	18.17	30.44	129.93	-145.04	1,008.32	738.26	697.19	41.07	17.977		
6,800.00	6,707.39	8,000.79	7,126.16	18.34	30.44	-134.99	-145.04	1,008.64	677.09	633.87	43.21	15.668		
6,900.00	6,805.96	7,983.89	7,126.23	18.45	30.22	-112.84	-145.13	993.32	626.64	581.46	45.18	13.870		
7,000.00	6,900.99	7,953.32	7,126.36	18.49	29.82	-107.41	-145.32	962.75	589.85	543.17	46.69	12.635		
7,100.00	6,990.14	7,908.25	7,126.57	18.49	29.24	-102.81	-145.59	917.68	567.98	520.55	47.43	11.976		
7,200.00	7,071.20	7,849.79	7,126.83	18.47	28.50	-97.34	-145.94	859.22	559.97	512.65	47.32	11.834 SF		
7,218.83	7,085.39	7,837.40	7,126.88	18.47	28.34	-96.21	-146.02	846.83	559.79	512.58	47.21	11.857 CC, ES		
7,300.00	7,142.19	7,779.38	7,127.14	18.46	27.62	-91.18	-146.37	788.81	562.72	516.22	46.50	12.101		
7,400.00	7,201.35	7,701.25	7,127.50	18.48	26.68	-85.05	-146.85	708.19	571.97	526.64	45.32	12.620		
7,500.00	7,247.23	7,609.89	7,127.90	18.58	25.62	-79.77	-147.39	619.33	583.39	539.39	44.00	13.260		
7,600.00	7,278.70	7,527.76	7,125.60	18.78	24.71	-75.98	-147.82	537.27	594.19	551.27	42.92	13.844		
7,700.00	7,294.98	7,450.00	7,114.13	19.08	23.86	-72.84	-148.00	460.41	604.47	562.44	42.02	14.384		
7,800.00	7,296.21	7,376.83	7,094.86	19.48	23.10	-70.46	-147.95	389.87	613.85	572.51	41.34	14.849		
7,900.00	7,293.16	7,306.61	7,068.88	20.02	22.41	-68.36	-147.70	324.66	626.45	585.67	40.79	15.360		
8,000.00	7,290.12	7,242.41	7,038.98	20.67	21.81	-65.97	-147.32	267.89	644.75	604.39	40.35	15.977		
8,100.00	7,287.08	7,184.64	7,007.31	21.44	21.31	-63.50	-146.84	219.60	669.53	629.49	40.04	16.721		
8,200.00	7,284.04	7,133.17	6,975.51	22.31	20.89	-61.09	-146.30	179.15	701.28	661.44	39.84	17.604		
8,300.00	7,281.00	7,087.61	6,944.71	23.26	20.55	-58.84	-145.76	145.59	740.09	700.38	39.72	18.634		
8,400.00	7,277.95	7,050.00	6,917.54	24.29	20.27	-56.93	-145.25	119.61	785.75	746.07	39.68	19.802		
8,500.00	7,274.91	7,011.87	6,888.47	25.39	20.02	-54.97	-144.70	94.95	837.76	798.10	39.65	21.127		
8,600.00	7,271.87	6,980.48	6,863.46	26.55	19.82	-53.34	-144.20	75.98	895.51	855.84	39.67	22.574		
8,700.00	7,268.83	6,950.00	6,838.32	27.76	19.63	-51.77	-143.70	58.77	958.37	918.68	39.69	24.149		
8,800.00	7,265.79	6,927.93	6,819.61	29.01	19.51	-50.63	-143.31	47.06	1,025.64	985.91	39.73	25.815		
8,900.00	7,262.75	6,900.00	6,795.38	30.31	19.35	-49.21	-142.81	33.19	1,096.80	1,057.05	39.75	27.594		
9,000.00	7,259.70	6,886.08	6,783.08	31.64	19.28	-48.51	-142.55	26.68	1,171.20	1,131.41	39.79	29.435		
9,100.00	7,256.66	6,868.30	6,767.16	33.00	19.19	-47.63	-142.21	18.76	1,248.48	1,208.66	39.81	31.359		
9,200.00	7,253.62	6,850.00	6,750.56	34.38	19.09	-46.73	-141.85	11.07	1,328.21	1,288.38	39.83	33.347		
9,300.00	7,250.58	6,850.00	6,750.56	35.80	19.09	-46.73	-141.85	11.07	1,410.20	1,370.36	39.84	35.398		
9,400.00	7,247.54	6,824.47	6,727.05	37.23	18.97	-45.49	-141.34	1.15	1,493.70	1,453.85	39.86	37.476		
9,500.00	7,244.49	6,800.00	6,704.15	38.68	18.86	-44.33	-140.84	-7.47	1,579.11	1,539.23	39.88	39.596		
9,600.00	7,241.45	6,800.00	6,704.15	40.15	18.86	-44.33	-140.84	-7.47	1,665.57	1,625.70	39.87	41.770		
9,700.00	7,238.41	6,800.00	6,704.15	41.64	18.86	-44.33	-140.84	-7.47	1,753.47	1,713.61	39.86	43.987		
9,800.00	7,235.37	6,781.83	6,686.95	43.14	18.79	-43.49	-140.46	-13.30	1,842.28	1,802.39	39.89	46.189		
9,900.00	7,232.33	6,773.18	6,678.70	44.65	18.75	-43.09	-140.27	-15.90	1,932.09	1,892.20	39.89	48.434		
10,000.00	7,229.28	6,750.00	6,656.43	46.17	18.66	-42.05	-139.77	-22.31	2,022.95	1,983.02	39.93	50.661		
10,100.00	7,226.24	6,750.00	6,656.43	47.70	18.66	-42.05	-139.77	-22.31	2,114.15	2,074.23	39.92	52.958		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,223.20	6,750.00	6,656.43	49.24	18.66	-42.05	-139.77	-22.31	2,206.11	2,166.20	39.91	55.275	
10,300.00	7,220.16	6,750.00	6,656.43	50.79	18.66	-42.05	-139.77	-22.31	2,298.74	2,258.84	39.90	57.608	
10,400.00	7,217.12	6,750.00	6,656.43	52.35	18.66	-42.05	-139.77	-22.31	2,391.96	2,352.07	39.90	59.955	
10,500.00	7,214.08	6,750.00	6,656.43	53.91	18.66	-42.05	-139.77	-22.31	2,485.71	2,445.82	39.89	62.313	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.81	3.67	-1,079.67	1,079.68				
100.00	100.00	100.00	100.00	3.28	3.28	-89.81	3.67	-1,079.67	1,079.68	1,072.15	7.53	143.405	
200.00	200.00	200.00	200.00	3.31	3.31	-89.81	3.67	-1,079.67	1,079.68	1,072.10	7.57	142.553	
300.00	300.00	355.83	355.76	3.35	3.38	-159.11	2.36	-1,075.64	1,077.50	1,069.81	7.69	140.199	
400.00	399.93	511.11	510.50	3.41	3.51	-159.45	-1.55	-1,063.62	1,073.01	1,065.16	7.85	136.697	
500.00	499.68	665.43	663.38	3.50	3.71	-160.05	-7.99	-1,043.79	1,066.69	1,058.61	8.08	132.047	
600.00	599.13	773.49	769.89	3.62	3.91	-160.62	-13.65	-1,026.40	1,060.42	1,052.08	8.33	127.231	
700.00	698.15	872.91	867.86	3.76	4.12	-161.19	-18.88	-1,010.31	1,057.46	1,048.83	8.63	122.507	
772.42	769.60	944.89	938.78	3.89	4.29	-161.62	-22.66	-998.66	1,057.00	1,048.13	8.88	119.096	
800.00	796.71	972.28	965.77	3.94	4.35	-161.80	-24.10	-994.22	1,057.48	1,048.51	8.97	117.855	
900.00	895.20	1,071.63	1,063.67	4.14	4.61	-162.41	-29.33	-978.14	1,058.03	1,048.68	9.35	113.155	
1,000.00	993.68	1,170.97	1,161.57	4.37	4.88	-163.02	-34.55	-962.06	1,058.69	1,048.93	9.76	108.477	
1,100.00	1,092.17	1,270.32	1,259.47	4.62	5.16	-163.63	-39.78	-945.97	1,059.48	1,049.29	10.20	103.904	
1,200.00	1,190.66	1,369.67	1,357.37	4.89	5.46	-164.24	-45.01	-929.89	1,060.39	1,049.74	10.66	99.513	
1,300.00	1,289.14	1,469.02	1,455.27	5.17	5.77	-164.85	-50.23	-913.81	1,061.42	1,050.29	11.14	95.288	
1,400.00	1,387.63	1,568.37	1,553.17	5.47	6.09	-165.46	-55.46	-897.73	1,062.58	1,050.94	11.64	91.288	
1,500.00	1,486.12	1,667.72	1,651.07	5.77	6.41	-166.06	-60.69	-881.65	1,063.85	1,051.69	12.16	87.512	
1,600.00	1,584.60	1,767.07	1,748.97	6.09	6.74	-166.67	-65.91	-865.56	1,065.25	1,052.56	12.69	83.959	
1,700.00	1,683.09	1,866.42	1,846.86	6.41	6.98	-167.27	-71.14	-849.48	1,066.76	1,053.79	12.97	82.263	
1,800.00	1,781.58	1,965.77	1,944.76	6.74	7.06	-167.87	-76.36	-833.40	1,068.39	1,055.09	13.30	80.337	
1,900.00	1,880.06	2,065.11	2,042.66	6.92	7.11	-168.47	-81.59	-817.32	1,070.14	1,056.88	13.27	80.673	
2,000.00	1,978.55	2,164.46	2,140.56	6.96	7.18	-169.07	-86.82	-801.23	1,072.01	1,058.68	13.34	80.378	
2,100.00	2,077.04	2,263.81	2,238.46	7.01	7.26	-169.67	-92.04	-785.15	1,074.00	1,060.56	13.44	79.908	
2,200.00	2,175.52	2,363.16	2,336.36	7.08	7.36	-170.26	-97.27	-769.07	1,076.11	1,062.53	13.57	79.272	
2,300.00	2,274.01	2,462.51	2,434.26	7.17	7.47	-170.85	-102.50	-752.99	1,078.33	1,064.59	13.74	78.485	
2,400.00	2,372.50	2,561.86	2,532.16	7.27	7.59	-171.44	-107.72	-736.91	1,080.67	1,066.73	13.93	77.563	
2,500.00	2,470.99	2,661.21	2,630.06	7.38	7.73	-172.02	-112.95	-720.82	1,083.12	1,068.96	14.15	76.523	
2,600.00	2,569.47	2,760.56	2,727.96	7.51	7.88	-172.61	-118.17	-704.74	1,085.68	1,071.28	14.40	75.382	
2,700.00	2,667.96	2,859.91	2,825.86	7.65	8.04	-173.19	-123.40	-688.66	1,088.36	1,073.69	14.68	74.158	
2,800.00	2,766.45	2,959.25	2,923.76	7.81	8.21	-173.76	-128.63	-672.58	1,091.15	1,076.18	14.97	72.869	
2,900.00	2,864.93	3,058.60	3,021.65	7.97	8.39	-174.34	-133.85	-656.49	1,094.06	1,078.76	15.29	71.531	
3,000.00	2,963.42	3,157.95	3,119.55	8.15	8.59	-174.91	-139.08	-640.41	1,097.07	1,081.43	15.64	70.158	
3,100.00	3,061.91	3,257.30	3,217.45	8.33	8.79	-175.48	-144.31	-624.33	1,100.19	1,084.19	16.00	68.765	
3,200.00	3,160.39	3,356.65	3,315.35	8.53	9.00	-176.04	-149.53	-608.25	1,103.42	1,087.04	16.38	67.361	
3,300.00	3,258.88	3,456.00	3,413.25	8.73	9.21	-176.60	-154.76	-592.16	1,106.76	1,089.98	16.78	65.959	
3,400.00	3,357.37	3,555.35	3,511.15	8.94	9.44	-177.16	-159.98	-576.08	1,110.21	1,093.02	17.20	64.565	
3,500.00	3,455.85	3,654.70	3,609.05	9.16	9.67	-177.72	-165.21	-560.00	1,113.76	1,096.14	17.63	63.189	
3,600.00	3,554.34	3,754.04	3,706.95	9.39	9.91	-178.27	-170.44	-543.92	1,117.42	1,099.35	18.07	61.834	
3,700.00	3,652.83	3,853.39	3,804.85	9.62	10.15	-178.82	-175.66	-527.84	1,121.18	1,102.65	18.53	60.507	
3,800.00	3,751.31	3,952.74	3,902.75	9.86	10.40	-179.36	-180.89	-511.75	1,125.05	1,106.05	19.00	59.211	
3,900.00	3,849.80	4,052.09	4,000.65	10.10	10.66	-179.90	-186.11	-495.67	1,129.01	1,109.53	19.48	57.947	
4,000.00	3,948.29	4,151.44	4,098.54	10.35	10.92	179.56	-191.34	-479.59	1,133.08	1,113.10	19.98	56.719	
4,100.00	4,046.77	4,250.79	4,196.44	10.61	11.18	179.03	-196.57	-463.51	1,137.25	1,116.77	20.48	55.528	
4,200.00	4,145.26	4,350.14	4,294.34	10.86	11.45	178.50	-201.79	-447.42	1,141.51	1,120.52	20.99	54.374	
4,300.00	4,243.75	4,449.49	4,392.24	11.13	11.72	177.98	-207.02	-431.34	1,145.87	1,124.36	21.52	53.259	
4,400.00	4,342.23	4,548.84	4,490.14	11.39	12.00	177.45	-212.25	-415.26	1,150.33	1,128.29	22.05	52.180	
4,500.00	4,440.72	4,648.18	4,588.04	11.66	12.28	176.94	-217.47	-399.18	1,154.88	1,132.30	22.58	51.140	
4,600.00	4,539.21	4,747.53	4,685.94	11.94	12.56	176.43	-222.70	-383.10	1,159.53	1,136.40	23.13	50.136	
4,700.00	4,637.70	4,846.88	4,783.84	12.22	12.84	175.92	-227.92	-367.01	1,164.27	1,140.59	23.68	49.168	
4,800.00	4,736.18	4,946.23	4,881.74	12.50	13.13	175.41	-233.15	-350.93	1,169.11	1,144.87	24.24	48.236	
4,900.00	4,834.67	5,045.58	4,979.64	12.78	13.42	174.91	-238.38	-334.85	1,174.03	1,149.23	24.80	47.337	
5,000.00	4,933.16	5,144.93	5,077.54	13.07	13.71	174.42	-243.60	-318.77	1,179.04	1,153.67	25.37	46.472	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,244.28	5,175.44	13.35	14.01	173.92	-248.83	-302.68	1,184.14	1,158.20	25.95	45.640		
5,200.00	5,130.13	5,343.63	5,273.33	13.64	14.30	173.44	-254.06	-286.60	1,189.33	1,162.81	26.53	44.838		
5,300.00	5,228.62	5,442.98	5,371.23	13.94	14.60	172.95	-259.28	-270.52	1,194.60	1,167.50	27.11	44.066		
5,400.00	5,327.10	5,542.32	5,469.13	14.23	14.90	172.47	-264.51	-254.44	1,199.96	1,172.27	27.70	43.323		
5,500.00	5,425.59	5,641.67	5,567.03	14.53	15.20	172.00	-269.73	-238.36	1,205.41	1,177.12	28.29	42.608		
5,600.00	5,524.08	5,741.02	5,664.93	14.83	15.51	171.53	-274.96	-222.27	1,210.93	1,182.05	28.89	41.919		
5,700.00	5,622.56	5,840.37	5,762.83	15.13	15.81	171.06	-280.19	-206.19	1,216.54	1,187.05	29.49	41.256		
5,800.00	5,721.05	5,939.72	5,860.73	15.43	16.12	170.60	-285.41	-190.11	1,222.23	1,192.14	30.09	40.617		
5,900.00	5,819.54	6,039.07	5,958.63	15.73	16.43	170.14	-290.64	-174.03	1,228.00	1,197.30	30.70	40.001		
6,000.00	5,918.02	6,138.42	6,056.53	16.03	16.74	169.69	-295.87	-157.94	1,233.84	1,202.53	31.31	39.408		
6,100.00	6,016.51	6,237.77	6,154.43	16.34	17.05	169.24	-301.09	-141.86	1,239.77	1,207.84	31.92	38.837		
6,200.00	6,115.00	6,337.11	6,252.33	16.65	17.36	168.79	-306.32	-125.78	1,245.76	1,213.23	32.54	38.286		
6,300.00	6,213.48	6,436.46	6,348.23	16.95	17.67	168.34	-311.55	-109.75	1,251.81	1,219.36	33.16	37.754		
6,400.00	6,311.97	6,535.81	6,449.16	17.26	17.98	167.89	-316.78	-93.72	1,257.93	1,225.54	33.77	37.242		
6,500.00	6,410.46	6,635.16	6,550.08	17.57	18.29	167.44	-322.01	-77.69	1,264.05	1,231.72	34.38	36.750		
6,600.00	6,508.95	6,734.51	6,650.01	17.88	18.60	166.99	-327.24	-61.66	1,270.17	1,237.90	34.99	36.258		
6,700.00	6,607.44	6,833.86	6,750.04	18.19	18.91	166.54	-332.47	-45.63	1,276.29	1,244.08	35.60	35.766		
6,800.00	6,705.93	6,933.21	6,850.07	18.50	19.22	166.09	-337.70	-29.60	1,282.41	1,250.26	36.21	35.274		
6,900.00	6,804.42	7,032.56	6,950.10	18.81	19.53	165.64	-342.93	-13.57	1,288.53	1,256.44	36.82	34.782		
7,000.00	6,902.91	7,131.91	7,050.13	19.12	19.84	165.19	-348.16	2.46	1,294.65	1,262.62	37.43	34.290		
7,100.00	7,001.40	7,231.26	7,150.16	19.43	20.15	164.74	-353.39	16.43	1,300.77	1,268.80	38.04	33.798		
7,200.00	7,100.00	7,330.61	7,250.19	19.74	20.46	164.29	-358.62	30.40	1,306.89	1,274.98	38.65	33.306		
7,300.00	7,198.49	7,430.00	7,350.22	20.05	20.77	163.84	-363.85	44.37	1,313.01	1,281.16	39.26	32.814		
7,400.00	7,296.98	7,529.39	7,450.25	20.36	21.08	163.39	-369.08	58.34	1,319.13	1,287.34	39.87	32.322		
7,500.00	7,395.47	7,628.78	7,550.28	20.67	21.39	162.94	-374.31	72.31	1,325.25	1,293.52	40.48	31.830		
7,600.00	7,493.96	7,728.17	7,650.31	20.98	21.70	162.49	-379.54	86.28	1,331.37	1,299.70	41.09	31.338		
7,700.00	7,592.45	7,827.56	7,750.34	21.29	22.01	162.04	-384.77	100.25	1,337.49	1,305.88	41.70	30.846		
7,800.00	7,690.94	7,926.95	7,850.37	21.60	22.32	161.59	-389.99	114.22	1,343.61	1,312.06	42.31	30.354		
7,900.00	7,789.43	8,026.34	7,950.40	21.91	22.63	161.14	-395.22	128.19	1,349.73	1,318.24	42.92	29.862		
8,000.00	7,887.92	8,125.73	8,050.43	22.22	22.94	160.69	-400.45	142.16	1,355.85	1,324.42	43.53	29.370		
8,100.00	7,986.41	8,225.12	8,150.46	22.53	23.25	160.24	-405.68	156.13	1,361.97	1,330.60	44.14	28.878		
8,200.00	8,084.90	8,324.51	8,250.49	22.84	23.56	159.79	-410.91	170.10	1,368.09	1,336.78	44.75	28.386		
8,300.00	8,183.39	8,423.90	8,350.52	23.15	23.87	159.34	-416.14	184.07	1,374.21	1,342.96	45.36	27.894		
8,400.00	8,281.88	8,523.29	8,450.55	23.46	24.18	158.89	-421.37	198.04	1,380.33	1,349.14	45.97	27.402		
8,500.00	8,380.37	8,622.68	8,550.58	23.77	24.49	158.44	-426.60	212.01	1,386.45	1,355.32	46.58	26.910		
8,600.00	8,478.86	8,722.07	8,650.61	24.08	24.80	157.99	-431.83	225.98	1,392.57	1,361.50	47.19	26.418		
8,700.00	8,577.35	8,821.46	8,750.64	24.39	25.11	157.54	-437.06	239.95	1,398.69	1,367.68	47.80	25.926		
8,800.00	8,675.84	8,920.85	8,850.67	24.70	25.42	157.09	-442.29	253.92	1,404.81	1,373.86	48.41	25.434		
8,900.00	8,774.33	9,020.24	8,950.70	25.01	25.73	156.64	-447.52	267.89	1,410.93	1,379.99	49.02	24.942		
9,000.00	8,872.82	9,119.63	9,050.73	25.32	26.04	156.19	-452.75	281.86	1,417.05	1,386.17	49.63	24.450		
9,100.00	8,971.31	9,219.02	9,150.76	25.63	26.35	155.74	-457.98	295.83	1,423.17	1,392.35	50.24	23.958		
9,200.00	9,069.80	9,318.41	9,250.79	25.94	26.66	155.29	-463.21	309.80	1,429.29	1,398.53	50.85	23.466		
9,300.00	9,168.29	9,417.80	9,350.82	26.25	26.97	154.84	-468.44	323.77	1,435.41	1,404.71	51.46	22.974		
9,400.00	9,266.78	9,517.19	9,450.85	26.56	27.28	154.39	-473.67	337.74	1,441.53	1,410.89	52.07	22.482		
9,500.00	9,365.27	9,616.58	9,550.88	26.87	27.59	153.94	-478.90	351.71	1,447.65	1,417.07	52.68	21.990		
9,600.00	9,463.76	9,715.97	9,650.91	27.18	27.90	153.49	-484.13	365.68	1,453.77	1,423.25	53.29	21.498		
9,700.00	9,562.25	9,815.36	9,750.94	27.49	28.21	153.04	-489.36	379.65	1,459.89	1,429.43	53.90	21.006		
9,800.00	9,660.74	9,914.75	9,850.97	27.80	28.52	152.59	-494.59	393.62	1,466.01	1,435.61	54.51	20.514		
9,900.00	9,759.23	10,014.14	9,950.00	28.11	28.83	152.14	-499.82	407.59	1,472.13	1,441.79	55.12	20.022		
10,000.00	9,857.72	10,113.53	10,050.03	28.42	29.14	151.69	-505.05	421.56	1,478.25	1,447.97	55.73	19.530		
10,100.00	9,956.21	10,212.92	10,150.06	28.73	29.45	151.24	-510.28	435.53	1,484.37	1,454.15	56.34	19.038		
10,200.00	10,054.70	10,312.31	10,250.09	29.04	29.76	150.79	-515.51	449.50	1,490.49	1,460.33	56.95	18.546		
10,300.00	10,153.19	10,411.70	10,350.12	29.35	30.07	150.34	-520.74	463.47	1,496.61	1,466.51	57.56	18.054		
10,400.00	10,251.68	10,511.09	10,450.15	29.66	30.38	149.89	-525.97	477.44	1,502.73	1,472.69	58.17	17.562		
10,500.00	10,350.17	10,610.48	10,550.18	29.97	30.69	149.44	-531.20	491.41	1,508.85	1,478.87	58.78	17.070		
10,600.00	10,448.66	10,709.87	10,650.21	30.28	31.00	148.99	-536.43	505.38	1,514.97	1,485.05	59.39	16.578		
10,700.00	10,547.15	10,809.26	10,750.24	30.59	31.31	148.54	-541.66	519.35	1,521.09	1,491.23	60.00	16.086		
10,800.00	10,645.64	10,908.65	10,850.27	30.90	31.62	148.09	-546.89	533.32	1,527.21	1,497.41	60.61	15.594		
10,900.00	10,744.13	11,008.04	10,950.30	31.21	31.93	147.64	-552.12	547.29	1,533.33	1,503.59	61.22	15.102		
11,000.00	10,842.62	11,107.43	11,050.33	31.52	32.24	147.19	-557.35	561.26	1,539.45	1,509.77	61.83	14.610		
11,100.00	10,941.11	11,206.82	11,150.36	31.83	32.55	146.74	-562.58	575.23	1,545.57	1,515.95	62.44	14.118		
11,200.00	11,039.60	11,306.21	11,250.39	32.14	32.86	146.29	-567.81	589.20	1,551.69	1,522.13	63.05	13.626		
11,300.00	11,138.09	11,405.60	11,350.42	32.45	33.17	145.84	-573.04	603.17	1,557.81	1,528.31	63.66	13.134		
11,400.00	11,236.58	11,505.00	11,450.45	32.76	33.48	145.39	-578.27	617.14	1,563.93	1,534.49	64.27	12.642		
11,500.00	11,335.07	11,604.39	11,550.48	33.07	33.79	144.94	-583.50	631.11	1,570.05	1,540.67	64.88	12.150		
11,600.00	11,433.56	11,703.78	11,650.51	33.38	34.10	144.49	-588.73	645.08	1,576.17	1,546.85	65.49	11.658		
11,700.00	11,532.05	11,803.17	11,750.54	33.69	34.41	144.04	-593.96	659.05	1,582.29	1,553.03	66.10	11.166		
11,800.00	11,630.54	11,902.56	11,850.57	34.00	34.72	143.59	-599.19	673.02						

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										<b>Offset Well Error:</b>	3.28 usft
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>			<b>Distance</b>						<b>Warning</b>
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	
10,200.00	7,223.20	6,800.00	6,708.16	49.24	18.84	-52.79	-330.65	-49.29	2,225.95	2,184.45	41.50	53.640	
10,300.00	7,220.16	6,800.00	6,708.16	50.79	18.84	-52.79	-330.65	-49.29	2,316.71	2,275.23	41.49	55.844	
10,400.00	7,217.12	6,800.00	6,708.16	52.35	18.84	-52.79	-330.65	-49.29	2,408.20	2,366.73	41.47	58.064	

Hewlett-Packard  
Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.80	4.03	-1,139.81	1,139.82				
100.00	100.00	101.00	101.00	3.28	3.28	-89.80	4.03	-1,139.81	1,139.82	1,132.29	7.53	151.391	
200.00	200.00	201.00	201.00	3.31	3.31	-89.80	4.03	-1,139.81	1,139.82	1,132.24	7.57	150.486	
200.00	200.00	201.00	201.00	3.31	3.31	-89.80	4.03	-1,139.81	1,139.82	1,132.24	7.57	150.486	
300.00	300.00	301.00	301.00	3.35	3.35	-159.01	4.03	-1,139.81	1,140.22	1,132.56	7.66	148.784	
400.00	399.93	400.93	400.93	3.41	3.42	-159.05	4.03	-1,139.81	1,143.48	1,135.69	7.79	146.701	
500.00	499.68	500.68	500.68	3.50	3.50	-159.13	4.03	-1,139.81	1,150.00	1,142.03	7.97	144.292	
600.00	599.13	600.13	600.13	3.62	3.61	-159.24	4.03	-1,139.81	1,159.78	1,151.59	8.19	141.664	
700.00	698.15	700.85	699.15	3.76	3.73	-159.39	4.03	-1,139.81	1,172.81	1,164.37	8.45	138.866	
800.00	796.71	802.29	797.71	3.94	3.88	-159.62	4.03	-1,139.81	1,188.69	1,179.94	8.74	135.943	
900.00	895.20	903.80	896.20	4.14	4.03	-159.91	4.03	-1,139.81	1,204.98	1,195.91	9.07	132.918	
1,000.00	993.68	1,005.32	994.68	4.37	4.20	-160.19	4.03	-1,139.81	1,221.30	1,211.88	9.42	129.694	
1,100.00	1,092.17	1,093.17	1,093.17	4.62	4.35	-160.46	4.03	-1,139.81	1,237.64	1,227.87	9.77	126.690	
1,200.00	1,190.66	1,262.50	1,262.41	4.89	4.65	-160.90	4.51	-1,135.23	1,251.42	1,241.16	10.26	121.953	
1,300.00	1,289.14	1,439.41	1,438.61	5.17	5.00	-161.30	6.13	-1,119.84	1,259.16	1,248.39	10.78	116.852	
1,400.00	1,387.63	1,617.42	1,614.61	5.47	5.40	-161.67	8.90	-1,093.46	1,260.76	1,249.45	11.31	111.464	
1,500.00	1,486.12	1,767.08	1,761.12	5.77	5.79	-161.96	12.09	-1,063.14	1,256.58	1,244.74	11.83	106.183	
1,600.00	1,584.60	1,866.85	1,858.48	6.09	5.99	-162.14	14.37	-1,041.46	1,251.15	1,239.08	12.07	103.649	
1,700.00	1,683.09	1,966.62	1,955.83	6.41	6.07	-162.33	16.64	-1,019.78	1,245.74	1,233.35	12.38	100.621	
1,800.00	1,781.58	2,066.38	2,053.19	6.74	6.12	-162.52	18.92	-998.10	1,240.34	1,227.66	12.68	97.853	
1,900.00	1,880.06	2,166.15	2,150.55	6.92	6.20	-162.72	21.20	-976.42	1,234.95	1,222.30	12.65	97.614	
2,000.00	1,978.55	2,265.92	2,247.91	6.96	6.30	-162.91	23.48	-954.74	1,229.58	1,216.84	12.74	96.532	
2,100.00	2,077.04	2,365.69	2,345.27	7.01	6.41	-163.11	25.75	-933.06	1,224.22	1,211.36	12.86	95.220	
2,200.00	2,175.52	2,465.46	2,442.62	7.08	6.55	-163.30	28.03	-911.39	1,218.88	1,205.87	13.01	93.701	
2,300.00	2,274.01	2,565.23	2,539.98	7.17	6.70	-163.50	30.31	-889.71	1,213.55	1,200.36	13.19	92.001	
2,400.00	2,372.50	2,664.99	2,637.34	7.27	6.88	-163.70	32.59	-868.03	1,208.23	1,194.83	13.40	90.148	
2,500.00	2,470.99	2,764.76	2,734.70	7.38	7.06	-163.91	34.86	-846.35	1,202.93	1,189.29	13.64	88.171	
2,600.00	2,569.47	2,864.53	2,832.06	7.51	7.27	-164.11	37.14	-824.67	1,197.65	1,183.74	13.91	86.098	
2,700.00	2,667.96	2,964.30	2,929.41	7.65	7.48	-164.32	39.42	-802.99	1,192.38	1,178.18	14.20	83.955	
2,800.00	2,766.45	3,064.07	3,026.77	7.81	7.71	-164.53	41.70	-781.32	1,187.13	1,172.61	14.52	81.766	
2,900.00	2,864.93	3,163.84	3,124.13	7.97	7.95	-164.74	43.97	-759.64	1,181.89	1,167.03	14.86	79.553	
3,000.00	2,963.42	3,263.60	3,221.49	8.15	8.20	-164.95	46.25	-737.96	1,176.67	1,161.45	15.22	77.334	
3,100.00	3,061.91	3,363.37	3,318.85	8.33	8.46	-165.16	48.53	-716.28	1,171.46	1,155.87	15.59	75.124	
3,200.00	3,160.39	3,463.14	3,416.20	8.53	8.73	-165.38	50.81	-694.60	1,166.28	1,150.29	15.99	72.955	
3,300.00	3,258.88	3,562.91	3,513.56	8.73	9.00	-165.59	53.08	-672.92	1,161.10	1,144.70	16.40	70.798	
3,400.00	3,357.37	3,662.68	3,610.92	8.94	9.28	-165.81	55.36	-651.24	1,155.95	1,139.12	16.83	68.692	
3,500.00	3,455.85	3,762.45	3,708.28	9.16	9.57	-166.04	57.64	-629.57	1,150.81	1,133.54	17.27	66.638	
3,600.00	3,554.34	3,862.22	3,805.64	9.39	9.87	-166.26	59.92	-607.89	1,145.69	1,127.97	17.72	64.640	
3,700.00	3,652.83	3,961.98	3,902.99	9.62	10.17	-166.48	62.19	-586.21	1,140.59	1,122.40	18.19	62.700	
3,800.00	3,751.31	4,061.75	4,000.35	9.86	10.47	-166.71	64.47	-564.53	1,135.50	1,116.83	18.67	60.822	
3,900.00	3,849.80	4,161.52	4,097.71	10.10	10.78	-166.94	66.75	-542.85	1,130.44	1,111.28	19.16	59.007	
4,000.00	3,948.29	4,261.29	4,195.07	10.35	11.09	-167.17	69.03	-521.17	1,125.39	1,105.73	19.66	57.255	
4,100.00	4,046.77	4,361.06	4,292.43	10.61	11.41	-167.41	71.30	-499.50	1,120.36	1,100.20	20.16	55.566	
4,200.00	4,145.26	4,460.83	4,389.78	10.86	11.73	-167.64	73.58	-477.82	1,115.35	1,094.67	20.68	53.939	
4,300.00	4,243.75	4,560.59	4,487.14	11.13	12.05	-167.88	75.86	-456.14	1,110.35	1,089.15	21.20	52.373	
4,400.00	4,342.23	4,660.36	4,584.50	11.39	12.38	-168.12	78.14	-434.46	1,105.38	1,083.65	21.73	50.866	
4,500.00	4,440.72	4,760.13	4,681.86	11.66	12.71	-168.36	80.41	-412.78	1,100.43	1,078.16	22.27	49.418	
4,600.00	4,539.21	4,859.90	4,779.22	11.94	13.04	-168.61	82.69	-391.10	1,095.50	1,072.68	22.81	48.025	
4,700.00	4,637.70	4,959.67	4,876.57	12.22	13.38	-168.85	84.97	-369.42	1,090.58	1,067.22	23.36	46.686	
4,800.00	4,736.18	5,059.44	4,973.93	12.50	13.71	-169.10	87.25	-347.75	1,085.69	1,061.77	23.91	45.399	
4,900.00	4,834.67	5,159.20	5,071.29	12.78	14.05	-169.35	89.52	-326.07	1,080.82	1,056.34	24.47	44.162	
5,000.00	4,933.16	5,258.97	5,168.65	13.07	14.39	-169.61	91.80	-304.39	1,075.97	1,050.93	25.04	42.973	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,358.74	5,266.01	13.35	14.73	-169.86	94.08	-282.71	1,071.13	1,045.53	25.61	41.829	
5,200.00	5,130.13	5,458.51	5,363.36	13.64	15.08	-170.12	96.36	-261.03	1,066.33	1,040.15	26.18	40.730	
5,300.00	5,228.62	5,558.28	5,460.72	13.94	15.42	-170.38	98.63	-239.35	1,061.54	1,034.78	26.76	39.672	
5,400.00	5,327.10	5,658.05	5,558.08	14.23	15.77	-170.64	100.91	-217.68	1,056.77	1,029.44	27.34	38.655	
5,500.00	5,425.59	5,757.81	5,655.44	14.53	16.11	-170.91	103.19	-196.00	1,052.03	1,024.11	27.92	37.676	
5,600.00	5,524.08	5,857.58	5,752.80	14.83	16.46	-171.18	105.47	-174.32	1,047.31	1,018.80	28.51	36.733	
5,700.00	5,622.56	5,957.35	5,850.15	15.13	16.81	-171.45	107.74	-152.64	1,042.62	1,013.51	29.10	35.825	
5,800.00	5,721.05	6,057.12	5,947.51	15.43	17.17	-171.72	110.02	-130.96	1,037.94	1,008.25	29.70	34.951	
5,900.00	5,819.54	6,156.89	6,044.87	15.73	17.52	-171.99	112.30	-109.28	1,033.29	1,003.00	30.29	34.108	
6,000.00	5,918.02	6,256.66	6,142.23	16.03	17.87	-172.27	114.58	-87.60	1,028.67	997.77	30.90	33.296	
6,100.00	6,016.51	7,777.01	6,991.53	16.34	30.31	139.94	128.89	910.82	997.61	967.87	29.74	33.540	
6,200.00	6,115.00	7,807.31	6,991.45	16.65	30.71	137.40	128.78	926.49	903.15	872.60	30.55	29.567	
6,300.00	6,213.48	7,808.36	6,991.38	16.95	30.73	134.76	128.68	942.16	809.71	778.39	31.32	25.852	
6,400.00	6,311.97	7,824.03	6,991.30	17.26	30.94	132.00	128.57	957.83	717.70	685.30	32.40	22.154	
6,500.00	6,410.46	7,839.70	6,991.22	17.57	31.15	129.15	128.46	973.50	627.74	593.96	33.79	18.580	
6,600.00	6,508.95	7,855.37	6,991.14	17.88	31.36	126.19	128.35	989.17	540.87	505.22	35.65	15.172	
6,700.00	6,607.69	7,869.17	6,991.08	18.17	31.55	132.68	128.25	1,002.97	458.63	420.43	38.20	12.005	
6,800.00	6,707.39	7,869.35	6,991.07	18.34	31.55	-135.50	128.25	1,003.15	383.75	342.20	41.55	9.237	
6,900.00	6,805.96	7,853.90	6,991.15	18.45	31.34	-113.39	128.36	987.70	323.30	277.82	45.48	7.109	
7,000.00	6,900.99	7,823.21	6,991.30	18.49	30.93	-105.06	128.57	957.01	285.92	237.19	48.73	5.868	
7,080.64	6,973.44	7,787.85	6,991.48	18.49	30.46	-97.17	128.82	921.65	276.61	227.15	49.46	5.593 CC, ES, SF	
7,100.00	6,990.14	7,778.02	6,991.53	18.49	30.33	-95.00	128.89	911.82	277.11	227.79	49.32	5.618	
7,200.00	7,071.20	7,719.45	6,991.82	18.47	29.56	-82.55	129.30	853.25	293.29	246.16	47.14	6.222	
7,300.00	7,142.19	7,648.94	6,992.17	18.46	28.65	-69.81	129.79	782.75	323.73	279.75	43.97	7.362	
7,400.00	7,201.35	7,568.23	6,992.57	18.48	27.64	-59.12	130.35	702.04	357.80	316.66	41.14	8.696	
7,500.00	7,247.23	7,481.74	6,993.00	18.58	26.58	-51.56	130.95	615.55	388.20	349.15	39.05	9.941	
7,600.00	7,278.70	7,415.32	6,989.86	18.78	25.79	-47.07	131.33	549.24	414.11	376.14	37.98	10.905	
7,700.00	7,294.98	7,350.00	6,980.07	19.08	25.03	-43.66	131.53	484.69	437.09	399.75	37.34	11.704	
7,800.00	7,296.21	7,288.84	6,964.94	19.48	24.33	-41.44	131.56	425.45	456.71	419.58	37.13	12.301	
7,900.00	7,293.16	7,228.72	6,944.61	20.02	23.66	-39.93	131.44	368.90	480.98	443.93	37.04	12.984	
8,000.00	7,290.12	7,172.60	6,920.90	20.67	23.07	-38.26	131.20	318.06	513.04	475.98	37.07	13.842	
8,100.00	7,287.08	7,120.88	6,895.16	21.44	22.55	-36.57	130.86	273.21	552.60	515.42	37.18	14.861	
8,200.00	7,284.04	7,073.66	6,868.55	22.31	22.10	-34.94	130.47	234.22	599.16	561.79	37.38	16.030	
8,300.00	7,281.00	7,030.83	6,841.98	23.26	21.72	-33.44	130.04	200.64	652.08	614.47	37.61	17.338	
8,400.00	7,277.95	7,000.00	6,821.48	24.29	21.45	-32.35	129.68	177.62	710.76	672.83	37.93	18.738	
8,500.00	7,274.91	6,950.00	6,785.95	25.39	21.05	-30.61	129.04	142.46	774.30	736.26	38.04	20.354	
8,600.00	7,271.87	6,925.86	6,767.83	26.55	20.87	-29.79	128.70	126.52	842.10	803.77	38.32	21.973	
8,700.00	7,268.83	6,900.00	6,747.77	27.76	20.67	-28.92	128.31	110.21	913.70	875.16	38.53	23.711	
8,800.00	7,265.79	6,871.99	6,725.31	29.01	20.48	-28.01	127.86	93.48	988.49	949.79	38.70	25.541	
8,900.00	7,262.75	6,850.00	6,707.17	30.31	20.33	-27.31	127.50	81.05	1,066.05	1,027.19	38.85	27.437	
9,000.00	7,259.70	6,827.95	6,688.57	31.64	20.19	-26.63	127.11	69.22	1,145.98	1,106.99	38.98	29.396	
9,100.00	7,256.66	6,800.00	6,664.42	33.00	20.02	-25.79	126.61	55.16	1,228.05	1,188.96	39.09	31.416	
9,200.00	7,253.62	6,800.00	6,664.42	34.38	20.02	-25.79	126.61	55.16	1,311.80	1,272.61	39.19	33.475	
9,300.00	7,250.58	6,775.74	6,642.98	35.80	19.88	-25.09	126.15	43.83	1,397.02	1,357.75	39.27	35.572	
9,400.00	7,247.54	6,750.00	6,619.77	37.23	19.74	-24.37	125.65	32.71	1,483.81	1,444.46	39.35	37.704	
9,500.00	7,244.49	6,750.00	6,619.77	38.68	19.74	-24.37	125.65	32.71	1,571.51	1,532.11	39.40	39.888	
9,600.00	7,241.45	6,750.00	6,619.77	40.15	19.74	-24.37	125.65	32.71	1,660.60	1,621.17	39.43	42.119	
9,700.00	7,238.41	6,724.30	6,596.17	41.64	19.61	-23.68	125.13	22.56	1,750.17	1,710.67	39.50	44.304	
9,800.00	7,235.37	6,700.00	6,573.49	43.14	19.49	-23.05	124.63	13.84	1,840.97	1,801.39	39.58	46.514	
9,900.00	7,232.33	6,700.00	6,573.49	44.65	19.49	-23.05	124.63	13.84	1,932.12	1,892.52	39.59	48.799	
10,000.00	7,229.28	6,700.00	6,573.49	46.17	19.49	-23.05	124.63	13.84	2,024.10	1,984.49	39.60	51.108	
10,100.00	7,226.24	6,700.00	6,573.49	47.70	19.49	-23.05	124.63	13.84	2,116.80	2,077.19	39.61	53.439	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										<b>Offset Well Error:</b>	3.28 usft
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>							<b>Warning</b>
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	
10,200.00	7,223.20	6,678.74	6,553.40	49.24	19.40	-22.52	124.17	6.92	2,209.69	2,170.01	39.69	55.678	
10,300.00	7,220.16	6,671.38	6,546.38	50.79	19.37	-22.34	124.01	4.69	2,303.23	2,263.51	39.72	57.989	
10,400.00	7,217.12	6,650.00	6,525.88	52.35	19.28	-21.83	123.54	-1.35	2,397.40	2,357.61	39.80	60.240	
10,500.00	7,214.08	6,650.00	6,525.88	53.91	19.28	-21.83	123.54	-1.35	2,491.61	2,451.80	39.81	62.594	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.79	4.40	-1,179.62	1,179.63				
100.00	100.00	102.00	102.00	3.28	3.28	-89.79	4.40	-1,179.62	1,179.63	1,172.10	7.53	156.676	
200.00	200.00	203.27	203.27	3.31	3.31	-89.79	4.40	-1,179.62	1,179.63	1,172.05	7.57	155.727	
300.00	300.00	366.53	366.44	3.35	3.39	-158.94	6.00	-1,175.05	1,177.24	1,169.55	7.70	152.983	
400.00	399.93	529.26	528.54	3.41	3.54	-158.85	10.66	-1,161.78	1,172.35	1,164.48	7.87	148.894	
500.00	499.68	691.20	688.80	3.50	3.77	-158.71	18.30	-1,139.98	1,165.38	1,157.27	8.12	143.605	
600.00	599.13	828.71	823.72	3.62	4.04	-158.58	27.06	-1,115.02	1,156.77	1,148.36	8.40	137.639	
700.00	698.15	928.48	921.39	3.76	4.28	-158.53	33.82	-1,095.75	1,150.40	1,141.68	8.71	132.035	
800.00	796.71	1,028.41	1,019.20	3.94	4.54	-158.50	40.59	-1,076.45	1,146.85	1,137.78	9.06	126.515	
900.00	895.20	1,128.36	1,117.03	4.14	4.83	-158.47	47.36	-1,057.14	1,143.69	1,134.24	9.46	120.950	
1,000.00	993.68	1,228.31	1,214.87	4.37	5.14	-158.44	54.13	-1,037.84	1,140.54	1,130.66	9.88	115.458	
1,100.00	1,092.17	1,328.25	1,312.70	4.62	5.46	-158.40	60.90	-1,018.54	1,137.38	1,127.05	10.33	110.127	
1,200.00	1,190.66	1,428.20	1,410.53	4.89	5.80	-158.37	67.67	-999.23	1,134.23	1,123.43	10.80	105.035	
1,300.00	1,289.14	1,528.15	1,508.36	5.17	6.14	-158.33	74.44	-979.93	1,131.07	1,119.78	11.29	100.170	
1,400.00	1,387.63	1,628.10	1,606.19	5.47	6.50	-158.30	81.21	-960.63	1,127.92	1,116.11	11.80	95.573	
1,500.00	1,486.12	1,728.05	1,704.03	5.77	6.86	-158.26	87.98	-941.33	1,124.76	1,112.44	12.33	91.244	
1,600.00	1,584.60	1,827.99	1,801.86	6.09	7.18	-158.23	94.75	-922.02	1,121.61	1,108.95	12.65	88.633	
1,700.00	1,683.09	1,927.94	1,899.69	6.41	7.34	-158.19	101.52	-902.72	1,118.46	1,105.43	13.03	85.850	
1,800.00	1,781.58	2,027.89	1,997.52	6.74	7.40	-158.15	108.29	-883.42	1,115.30	1,101.98	13.32	83.727	
1,900.00	1,880.06	2,127.84	2,095.36	6.92	7.47	-158.12	115.06	-864.11	1,112.15	1,098.86	13.29	83.667	
2,000.00	1,978.55	2,227.78	2,193.19	6.96	7.55	-158.08	121.83	-844.81	1,109.00	1,095.63	13.37	82.943	
2,100.00	2,077.04	2,327.73	2,291.02	7.01	7.66	-158.05	128.60	-825.51	1,105.85	1,092.37	13.48	82.036	
2,200.00	2,175.52	2,427.68	2,388.85	7.08	7.77	-158.01	135.37	-806.20	1,102.70	1,089.08	13.62	80.962	
2,300.00	2,274.01	2,527.63	2,486.68	7.17	7.91	-157.97	142.14	-786.90	1,099.55	1,085.76	13.79	79.738	
2,400.00	2,372.50	2,627.58	2,584.52	7.27	8.05	-157.93	148.91	-767.60	1,096.40	1,082.41	13.99	78.385	
2,500.00	2,470.99	2,727.52	2,682.35	7.38	8.21	-157.90	155.68	-748.29	1,093.25	1,079.03	14.21	76.922	
2,600.00	2,569.47	2,827.47	2,780.18	7.51	8.39	-157.86	162.45	-728.99	1,090.10	1,075.63	14.46	75.370	
2,700.00	2,667.96	2,927.42	2,878.01	7.65	8.57	-157.82	169.22	-709.69	1,086.95	1,072.21	14.74	73.748	
2,800.00	2,766.45	3,027.37	2,975.84	7.81	8.77	-157.78	175.99	-690.38	1,083.80	1,068.76	15.04	72.074	
2,900.00	2,864.93	3,127.32	3,073.68	7.97	8.97	-157.75	182.76	-671.08	1,080.65	1,065.29	15.36	70.365	
3,000.00	2,963.42	3,227.26	3,171.51	8.15	9.19	-157.71	189.53	-651.78	1,077.51	1,061.81	15.70	68.637	
3,100.00	3,061.91	3,327.21	3,269.34	8.33	9.41	-157.67	196.30	-632.47	1,074.36	1,058.30	16.06	66.904	
3,200.00	3,160.39	3,427.16	3,367.17	8.53	9.64	-157.63	203.07	-613.17	1,071.21	1,054.78	16.44	65.175	
3,300.00	3,258.88	3,527.11	3,465.00	8.73	9.88	-157.59	209.84	-593.87	1,068.07	1,051.24	16.83	63.462	
3,400.00	3,357.37	3,627.05	3,562.84	8.94	10.13	-157.55	216.61	-574.56	1,064.92	1,047.68	17.24	61.772	
3,500.00	3,455.85	3,727.00	3,660.67	9.16	10.39	-157.51	223.38	-555.26	1,061.78	1,044.11	17.66	60.112	
3,600.00	3,554.34	3,826.95	3,758.50	9.39	10.65	-157.47	230.15	-535.96	1,058.63	1,040.53	18.10	58.487	
3,700.00	3,652.83	3,926.90	3,856.33	9.62	10.91	-157.43	236.92	-516.65	1,055.49	1,036.94	18.55	56.901	
3,800.00	3,751.31	4,026.85	3,954.17	9.86	11.18	-157.39	243.69	-497.35	1,052.35	1,033.34	19.01	55.357	
3,900.00	3,849.80	4,126.79	4,052.00	10.10	11.46	-157.35	250.46	-478.05	1,049.20	1,029.72	19.48	53.857	
4,000.00	3,948.29	4,226.74	4,149.83	10.35	11.74	-157.31	257.23	-458.75	1,046.06	1,026.10	19.96	52.401	
4,100.00	4,046.77	4,326.69	4,247.66	10.61	12.03	-157.27	264.00	-439.44	1,042.92	1,022.47	20.45	50.992	
4,200.00	4,145.26	4,426.64	4,345.49	10.86	12.31	-157.23	270.77	-420.14	1,039.78	1,018.83	20.95	49.629	
4,300.00	4,243.75	4,526.59	4,443.33	11.13	12.61	-157.19	277.54	-400.84	1,036.64	1,015.18	21.46	48.311	
4,400.00	4,342.23	4,626.53	4,541.16	11.39	12.90	-157.14	284.31	-381.53	1,033.50	1,011.53	21.97	47.039	
4,500.00	4,440.72	4,726.48	4,638.99	11.66	13.20	-157.10	291.08	-362.23	1,030.36	1,007.87	22.49	45.811	
4,600.00	4,539.21	4,826.43	4,736.82	11.94	13.51	-157.06	297.85	-342.93	1,027.22	1,004.20	23.02	44.626	
4,700.00	4,637.70	4,926.38	4,834.65	12.22	13.81	-157.02	304.62	-323.62	1,024.08	1,000.53	23.55	43.484	
4,800.00	4,736.18	5,026.32	4,932.49	12.50	14.12	-156.97	311.39	-304.32	1,020.94	996.86	24.09	42.382	
4,900.00	4,834.67	5,126.27	5,030.32	12.78	14.43	-156.93	318.16	-285.02	1,017.81	993.18	24.63	41.320	
5,000.00	4,933.16	5,226.22	5,128.15	13.07	14.74	-156.89	324.93	-265.71	1,014.67	989.49	25.18	40.296	
5,100.00	5,031.64	5,326.17	5,225.98	13.35	15.06	-156.84	331.70	-246.41	1,011.53	985.80	25.73	39.309	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,130.13	5,426.12	5,323.81	13.64	15.38	-156.80	338.47	-227.11	1,008.40	982.11	26.29	38.358		
5,300.00	5,228.62	5,526.06	5,421.65	13.94	15.69	-156.76	345.24	-207.80	1,005.26	978.41	26.85	37.440		
5,400.00	5,327.10	5,626.01	5,519.48	14.23	16.02	-156.71	352.01	-188.50	1,002.13	974.72	27.41	36.555		
5,500.00	5,425.59	5,725.96	5,617.31	14.53	16.34	-156.67	358.78	-169.20	999.00	971.02	27.98	35.702		
5,600.00	5,524.08	5,825.91	5,715.14	14.83	16.66	-156.62	365.55	-149.89	995.86	967.31	28.55	34.878		
5,700.00	5,622.56	5,925.85	5,812.98	15.13	16.99	-156.58	372.33	-130.59	992.73	963.60	29.13	34.083		
5,800.00	5,721.05	6,025.80	5,910.81	15.43	17.31	-156.53	379.10	-111.29	989.60	959.90	29.70	33.316		
5,900.00	5,819.54	6,125.75	6,008.64	15.73	17.64	-156.49	385.87	-91.98	986.47	956.19	30.28	32.575		
6,000.00	5,918.02	6,225.70	6,106.47	16.03	17.97	-156.44	392.64	-72.68	983.34	952.47	30.87	31.859		
6,100.00	6,016.51	6,325.65	6,204.30	16.34	18.30	-156.39	399.41	-53.38	980.21	948.76	31.45	31.167		
6,200.00	6,115.00	6,425.59	6,302.14	16.65	18.64	-156.35	406.18	-34.08	977.08	945.04	32.04	30.498		
6,300.00	6,213.48	7,913.95	7,127.77	16.95	30.37	-138.78	467.20	943.30	918.94	890.00	28.94	31.748		
6,400.00	6,311.97	7,929.76	7,127.71	17.26	30.57	-136.56	467.27	959.11	820.39	791.10	29.30	28.001		
6,500.00	6,410.46	7,945.57	7,127.64	17.57	30.78	-133.82	467.34	974.92	721.89	692.23	29.67	24.334		
6,600.00	6,508.95	7,961.38	7,127.57	17.88	30.98	-130.40	467.41	990.73	623.47	593.42	30.06	20.744		
6,700.00	6,607.69	7,975.32	7,127.51	18.17	31.16	-92.55	467.48	1,004.67	524.92	494.44	30.47	17.225		
6,800.00	6,707.39	7,975.64	7,127.51	18.34	31.16	79.03	467.48	1,004.99	425.66	394.77	30.88	13.782		
6,900.00	6,805.96	7,960.33	7,127.58	18.45	30.97	128.81	467.41	989.68	327.92	296.60	31.32	10.468		
7,000.00	6,900.99	7,929.77	7,127.71	18.49	30.57	139.02	467.27	959.12	234.52	202.53	31.99	7.331		
7,100.00	6,990.14	7,884.71	7,127.90	18.49	29.99	136.99	467.07	914.06	148.87	115.27	33.60	4.431		
7,200.00	7,071.20	7,826.25	7,128.15	18.47	29.26	120.18	466.81	855.61	78.07	38.60	39.47	1.978		
7,281.84	7,130.13	7,769.45	7,128.39	18.46	28.56	84.35	466.55	798.80	51.39	3.89	47.50	1.082 Level 2, CC, ES, SF		
7,300.00	7,142.19	7,755.85	7,128.45	18.46	28.39	74.40	466.49	785.20	52.78	6.19	46.58	1.133 Level 2		
7,400.00	7,201.35	7,675.22	7,128.79	18.48	27.43	35.35	466.13	704.58	87.58	50.85	36.73	2.384		
7,500.00	7,247.23	7,592.51	7,128.28	18.58	26.47	21.11	465.70	621.88	128.23	94.75	33.48	3.830		
7,600.00	7,278.70	7,517.86	7,120.36	18.78	25.62	14.79	464.81	547.69	167.05	134.08	32.97	5.067		
7,700.00	7,294.98	7,445.55	7,104.48	19.08	24.82	11.07	463.39	477.20	203.20	169.87	33.33	6.096		
7,800.00	7,296.21	7,375.20	7,081.48	19.48	24.08	8.80	461.50	410.79	236.19	202.16	34.03	6.940		
7,900.00	7,293.16	7,309.45	7,053.49	20.02	23.42	7.34	459.30	351.37	275.34	240.51	34.82	7.907		
8,000.00	7,290.12	7,250.00	7,023.04	20.67	22.86	6.07	456.98	300.38	323.43	287.84	35.58	9.090		
8,100.00	7,287.08	7,200.00	6,993.85	21.44	22.42	5.09	454.80	259.86	379.23	342.91	36.32	10.442		
8,200.00	7,284.04	7,150.00	6,961.58	22.31	22.00	4.19	452.41	221.76	441.46	404.63	36.83	11.987		
8,300.00	7,281.00	7,100.00	6,926.42	23.26	21.61	3.39	449.84	186.32	509.21	472.01	37.20	13.689		
8,400.00	7,277.95	7,069.66	6,903.77	24.29	21.40	2.95	448.20	166.21	581.30	543.65	37.65	15.439		
8,500.00	7,274.91	7,036.75	6,878.16	25.39	21.17	2.52	446.35	145.63	657.21	619.26	37.95	17.317		
8,600.00	7,271.87	7,000.00	6,848.34	26.55	20.93	2.07	444.22	124.26	736.31	698.15	38.16	19.296		
8,700.00	7,268.83	6,981.62	6,832.98	27.76	20.82	1.86	443.12	114.24	817.85	779.47	38.38	21.311		
8,800.00	7,265.79	6,950.00	6,805.90	29.01	20.63	1.53	441.19	98.03	901.75	863.23	38.52	23.412		
8,900.00	7,262.75	6,950.00	6,805.90	30.31	20.63	1.53	441.19	98.03	987.49	948.85	38.65	25.552		
9,000.00	7,259.70	6,919.12	6,778.70	31.64	20.46	1.23	439.27	83.53	1,074.51	1,035.77	38.74	27.735		
9,100.00	7,256.66	6,900.00	6,761.53	33.00	20.36	1.06	438.06	75.22	1,163.06	1,124.24	38.82	29.960		
9,200.00	7,253.62	6,900.00	6,761.53	34.38	20.36	1.06	438.06	75.22	1,252.95	1,214.09	38.86	32.243		
9,300.00	7,250.58	6,873.26	6,737.11	35.80	20.23	0.83	436.34	64.47	1,343.44	1,304.50	38.94	34.504		
9,400.00	7,247.54	6,850.00	6,715.51	37.23	20.11	0.65	434.82	55.96	1,435.11	1,396.11	39.00	36.795		
9,500.00	7,244.49	6,850.00	6,715.51	38.68	20.11	0.65	434.82	55.96	1,527.28	1,488.26	39.01	39.148		
9,600.00	7,241.45	6,850.00	6,715.51	40.15	20.11	0.65	434.82	55.96	1,620.37	1,581.36	39.01	41.532		
9,700.00	7,238.41	6,828.75	6,695.53	41.64	20.02	0.49	433.43	48.89	1,713.76	1,674.68	39.08	43.853		
9,800.00	7,235.37	6,819.75	6,686.99	43.14	19.99	0.42	432.83	46.09	1,807.81	1,768.70	39.11	46.227		
9,900.00	7,232.33	6,800.00	6,668.13	44.65	19.90	0.29	431.51	40.39	1,902.44	1,863.27	39.17	48.569		
10,000.00	7,229.28	6,800.00	6,668.13	46.17	19.90	0.29	431.51	40.39	1,997.23	1,958.06	39.17	50.991		
10,100.00	7,226.24	6,800.00	6,668.13	47.70	19.90	0.29	431.51	40.39	2,092.50	2,053.33	39.17	53.425		
10,200.00	7,223.20	6,800.00	6,668.13	49.24	19.90	0.29	431.51	40.39	2,188.19	2,149.03	39.17	55.868		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,220.16	6,800.00	6,668.13	50.79	19.90	0.29	431.51	40.39	2,284.26	2,245.09	39.17	58.318	
10,400.00	7,217.12	6,777.63	6,646.57	52.35	19.82	0.15	430.02	34.64	2,380.15	2,340.89	39.26	60.630	
10,500.00	7,214.08	6,772.13	6,641.23	53.91	19.80	0.11	429.64	33.34	2,476.55	2,437.27	39.28	63.043	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.80	4.03	-1,159.85	1,159.86				
100.00	100.00	102.00	102.00	3.28	3.28	-89.80	4.03	-1,159.85	1,159.86	1,152.33	7.53	154.051	
200.00	200.00	202.00	202.00	3.31	3.31	-89.80	4.03	-1,159.85	1,159.86	1,152.29	7.57	153.126	
300.00	300.00	330.30	330.27	3.35	3.37	-158.92	6.19	-1,158.99	1,159.76	1,152.08	7.68	151.072	
400.00	399.93	497.93	497.59	3.41	3.50	-158.83	10.25	-1,150.00	1,157.66	1,149.81	7.85	147.501	
500.00	499.68	665.09	663.61	3.50	3.70	-158.84	14.88	-1,131.32	1,152.99	1,144.91	8.08	142.657	
600.00	599.13	817.29	813.60	3.62	3.97	-158.93	19.59	-1,106.00	1,145.90	1,137.53	8.37	136.965	
700.00	698.15	917.11	911.63	3.76	4.19	-159.05	22.79	-1,087.47	1,140.27	1,131.61	8.66	131.628	
800.00	796.71	1,017.03	1,009.76	3.94	4.43	-159.21	26.00	-1,068.92	1,137.48	1,128.48	9.00	126.365	
900.00	895.20	1,116.96	1,107.90	4.14	4.70	-159.35	29.20	-1,050.36	1,135.09	1,125.71	9.38	121.043	
1,000.00	993.68	1,216.89	1,206.04	4.37	4.98	-159.50	32.40	-1,031.81	1,132.71	1,122.92	9.78	115.772	
1,100.00	1,092.17	1,316.82	1,304.18	4.62	5.29	-159.65	35.61	-1,013.26	1,130.33	1,120.12	10.22	110.619	
1,200.00	1,190.66	1,416.74	1,402.32	4.89	5.60	-159.80	38.81	-994.70	1,127.97	1,117.30	10.67	105.707	
1,300.00	1,289.14	1,516.67	1,500.46	5.17	5.92	-159.95	42.01	-976.15	1,125.61	1,114.46	11.15	100.988	
1,400.00	1,387.63	1,616.60	1,598.60	5.47	6.26	-160.10	45.22	-957.60	1,123.26	1,111.62	11.64	96.518	
1,500.00	1,486.12	1,716.53	1,696.73	5.77	6.60	-160.26	48.42	-939.04	1,120.91	1,108.77	12.14	92.299	
1,600.00	1,584.60	1,816.46	1,794.87	6.09	6.92	-160.41	51.63	-920.49	1,118.58	1,105.93	12.64	88.484	
1,700.00	1,683.09	1,916.39	1,893.01	6.41	7.09	-160.56	54.83	-901.94	1,116.25	1,103.40	12.85	86.896	
1,800.00	1,781.58	2,016.31	1,991.15	6.74	7.13	-160.71	58.03	-883.39	1,113.93	1,100.80	13.13	84.844	
1,900.00	1,880.06	2,116.24	2,089.29	6.92	7.20	-160.87	61.24	-864.83	1,111.62	1,098.52	13.09	84.909	
2,000.00	1,978.55	2,216.17	2,187.43	6.96	7.28	-161.02	64.44	-846.28	1,109.31	1,096.15	13.16	84.290	
2,100.00	2,077.04	2,316.10	2,285.57	7.01	7.37	-161.18	67.64	-827.73	1,107.02	1,093.76	13.26	83.484	
2,200.00	2,175.52	2,416.03	2,383.71	7.08	7.48	-161.34	70.85	-809.17	1,104.73	1,091.34	13.39	82.504	
2,300.00	2,274.01	2,515.96	2,481.84	7.17	7.61	-161.49	74.05	-790.62	1,102.45	1,088.90	13.55	81.367	
2,400.00	2,372.50	2,615.88	2,579.98	7.27	7.75	-161.65	77.26	-772.07	1,100.18	1,086.44	13.74	80.092	
2,500.00	2,470.99	2,715.81	2,678.12	7.38	7.90	-161.81	80.46	-753.52	1,097.92	1,083.97	13.95	78.699	
2,600.00	2,569.47	2,815.74	2,776.26	7.51	8.06	-161.97	83.66	-734.96	1,095.66	1,081.47	14.19	77.208	
2,700.00	2,667.96	2,915.67	2,874.40	7.65	8.24	-162.13	86.87	-716.41	1,093.42	1,078.96	14.46	75.639	
2,800.00	2,766.45	3,015.60	2,972.54	7.81	8.42	-162.29	90.07	-697.86	1,091.18	1,076.44	14.74	74.011	
2,900.00	2,864.93	3,115.53	3,070.68	7.97	8.62	-162.45	93.27	-679.30	1,088.95	1,073.90	15.05	72.341	
3,000.00	2,963.42	3,215.45	3,168.81	8.15	8.83	-162.61	96.48	-660.75	1,086.73	1,071.35	15.38	70.646	
3,100.00	3,061.91	3,315.38	3,266.95	8.33	9.04	-162.77	99.68	-642.20	1,084.52	1,068.79	15.73	68.938	
3,200.00	3,160.39	3,415.31	3,365.09	8.53	9.27	-162.93	102.89	-623.65	1,082.32	1,066.22	16.10	67.230	
3,300.00	3,258.88	3,515.24	3,463.23	8.73	9.50	-163.10	106.09	-605.09	1,080.12	1,063.64	16.48	65.534	
3,400.00	3,357.37	3,615.17	3,561.37	8.94	9.74	-163.26	109.29	-586.54	1,077.94	1,061.06	16.88	63.856	
3,500.00	3,455.85	3,715.09	3,659.51	9.16	9.98	-163.43	112.50	-567.99	1,075.76	1,058.47	17.29	62.205	
3,600.00	3,554.34	3,815.02	3,757.65	9.39	10.23	-163.59	115.70	-549.43	1,073.60	1,055.88	17.72	60.586	
3,700.00	3,652.83	3,914.95	3,855.78	9.62	10.49	-163.76	118.90	-530.88	1,071.44	1,053.28	18.16	59.003	
3,800.00	3,751.31	4,014.88	3,953.92	9.86	10.75	-163.93	122.11	-512.33	1,069.29	1,050.68	18.61	57.460	
3,900.00	3,849.80	4,114.81	4,052.06	10.10	11.02	-164.09	125.31	-493.78	1,067.15	1,048.08	19.07	55.959	
4,000.00	3,948.29	4,214.74	4,150.20	10.35	11.29	-164.26	128.52	-475.22	1,065.02	1,045.48	19.54	54.502	
4,100.00	4,046.77	4,314.66	4,248.34	10.61	11.57	-164.43	131.72	-456.67	1,062.90	1,042.88	20.02	53.090	
4,200.00	4,145.26	4,414.59	4,346.48	10.86	11.85	-164.60	134.92	-438.12	1,060.79	1,040.28	20.51	51.722	
4,300.00	4,243.75	4,514.52	4,444.62	11.13	12.13	-164.77	138.13	-419.56	1,058.68	1,037.68	21.01	50.400	
4,400.00	4,342.23	4,614.45	4,542.76	11.39	12.42	-164.94	141.33	-401.01	1,056.59	1,035.08	21.51	49.123	
4,500.00	4,440.72	4,714.38	4,640.89	11.66	12.71	-165.11	144.53	-382.46	1,054.50	1,032.49	22.02	47.889	
4,600.00	4,539.21	4,814.31	4,739.03	11.94	13.00	-165.28	147.74	-363.91	1,052.43	1,029.89	22.54	46.699	
4,700.00	4,637.70	4,914.23	4,837.17	12.22	13.30	-165.46	150.94	-345.35	1,050.37	1,027.31	23.06	45.550	
4,800.00	4,736.18	5,014.16	4,935.31	12.50	13.60	-165.63	154.15	-326.80	1,048.31	1,024.72	23.59	44.443	
4,900.00	4,834.67	5,114.09	5,033.45	12.78	13.90	-165.81	157.35	-308.25	1,046.26	1,022.14	24.12	43.375	
5,000.00	4,933.16	5,214.02	5,131.59	13.07	14.20	-165.98	160.55	-289.69	1,044.23	1,019.57	24.66	42.345	
5,100.00	5,031.64	5,313.95	5,229.73	13.35	14.51	-166.16	163.76	-271.14	1,042.20	1,017.00	25.20	41.352	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,130.13	5,413.88	5,327.86	13.64	14.82	-166.33	166.96	-252.59	1,040.19	1,014.43	25.75	40.395		
5,300.00	5,228.62	5,513.80	5,426.00	13.94	15.13	-166.51	170.16	-234.03	1,038.18	1,011.88	26.30	39.472		
5,400.00	5,327.10	5,613.73	5,524.14	14.23	15.44	-166.69	173.37	-215.48	1,036.18	1,009.33	26.86	38.582		
5,500.00	5,425.59	5,713.66	5,622.28	14.53	15.75	-166.86	176.57	-196.93	1,034.20	1,006.78	27.42	37.723		
5,600.00	5,524.08	5,813.59	5,720.42	14.83	16.06	-167.04	179.78	-178.38	1,032.22	1,004.24	27.98	36.894		
5,700.00	5,622.56	5,913.52	5,818.56	15.13	16.38	-167.22	182.98	-159.82	1,030.25	1,001.71	28.54	36.095		
5,800.00	5,721.05	6,013.45	5,916.70	15.43	16.70	-167.40	186.18	-141.27	1,028.30	999.19	29.11	35.323		
5,900.00	5,819.54	6,113.37	6,014.83	15.73	17.02	-167.59	189.39	-122.72	1,026.35	996.67	29.68	34.578		
6,000.00	5,918.02	6,213.30	6,112.97	16.03	17.34	-167.77	192.59	-104.16	1,024.42	994.16	30.26	33.859		
6,100.00	6,016.51	6,313.23	6,211.11	16.34	17.66	-167.95	195.79	-85.61	1,022.49	991.66	30.83	33.163		
6,200.00	6,115.00	6,413.16	6,309.25	16.65	17.98	-168.13	199.00	-67.06	1,020.57	989.16	31.41	32.491		
6,300.00	6,213.48	8,005.94	7,197.52	16.95	30.35	155.92	267.79	948.64	986.10	956.66	29.44	33.499		
6,400.00	6,311.97	8,010.07	7,197.44	17.26	30.41	152.87	268.54	964.63	888.55	858.73	29.81	29.804		
6,500.00	6,410.46	8,026.09	7,197.37	17.57	30.62	149.46	269.29	980.63	791.28	760.98	30.30	26.116		
6,600.00	6,508.95	8,042.10	7,197.29	17.88	30.82	145.66	270.04	996.63	694.42	663.56	30.86	22.503		
6,700.00	6,607.69	8,056.25	7,197.23	18.17	31.01	142.05	270.70	1,010.76	597.94	566.41	31.53	18.961		
6,800.00	6,707.39	8,056.80	7,197.23	18.34	31.02	-147.51	270.73	1,011.31	501.74	469.38	32.36	15.505		
6,900.00	6,805.96	8,041.74	7,197.30	18.45	30.82	-138.00	270.02	996.26	408.68	375.19	33.49	12.202		
7,000.00	6,900.99	8,011.44	7,197.44	18.49	30.42	-137.01	268.60	965.99	322.59	287.32	35.28	9.145		
7,100.00	6,990.14	7,966.63	7,197.64	18.49	29.85	-132.42	266.51	921.24	248.48	210.26	38.22	6.501		
7,200.00	7,071.20	7,908.44	7,197.91	18.47	29.11	-122.99	263.79	863.11	193.35	150.87	42.48	4.551		
7,300.00	7,142.19	7,838.28	7,198.24	18.46	28.24	-108.49	260.50	793.03	164.91	118.76	46.15	3.573		
7,352.87	7,175.04	7,796.94	7,198.43	18.47	27.73	-99.44	258.57	751.73	161.40	114.71	46.69	3.457 CC, ES, SF		
7,400.00	7,201.35	7,757.90	7,198.61	18.48	27.27	-91.31	256.74	712.73	163.69	117.42	46.27	3.537		
7,500.00	7,247.23	7,669.74	7,199.00	18.58	26.24	-76.46	252.62	624.68	178.25	134.21	44.04	4.047		
7,600.00	7,278.70	7,587.06	7,193.28	18.78	25.30	-65.90	248.62	542.35	198.68	156.87	41.81	4.752		
7,700.00	7,294.98	7,507.50	7,177.74	19.08	24.42	-57.72	244.59	464.47	222.03	181.94	40.09	5.538		
7,800.00	7,296.21	7,430.56	7,153.59	19.48	23.61	-51.90	240.60	391.59	246.21	207.23	38.99	6.315		
7,900.00	7,293.16	7,359.05	7,123.39	20.02	22.90	-47.51	236.84	326.91	277.10	238.89	38.22	7.251		
8,000.00	7,290.12	7,294.73	7,090.19	20.67	22.30	-43.29	233.48	271.96	317.49	279.76	37.73	8.415		
8,100.00	7,287.08	7,237.68	7,056.22	21.44	21.81	-39.57	230.52	226.25	366.83	329.32	37.51	9.780		
8,200.00	7,284.04	7,187.50	7,023.06	22.31	21.40	-36.44	227.97	188.69	424.06	386.59	37.47	11.318		
8,300.00	7,281.00	7,150.00	6,996.39	23.26	21.12	-34.24	226.10	162.39	488.02	450.43	37.59	12.983		
8,400.00	7,277.95	7,100.00	6,958.52	24.29	20.76	-31.50	223.68	129.86	557.38	519.79	37.59	14.827		
8,500.00	7,274.91	7,071.35	6,935.71	25.39	20.58	-30.05	222.32	112.59	631.24	593.51	37.74	16.727		
8,600.00	7,271.87	7,050.00	6,918.21	26.55	20.44	-29.01	221.33	100.40	708.94	671.08	37.86	18.725		
8,700.00	7,268.83	7,015.55	6,889.14	27.76	20.23	-27.44	219.78	81.98	789.46	751.53	37.93	20.815		
8,800.00	7,265.79	7,000.00	6,875.70	29.01	20.14	-26.77	219.09	74.19	872.65	834.65	38.00	22.963		
8,900.00	7,262.75	6,971.75	6,850.82	30.31	19.99	-25.60	217.88	60.89	957.76	919.70	38.06	25.163		
9,000.00	7,259.70	6,950.00	6,831.26	31.64	19.87	-24.75	216.97	51.40	1,044.70	1,006.58	38.11	27.409		
9,100.00	7,256.66	6,950.00	6,831.26	33.00	19.87	-24.75	216.97	51.40	1,133.28	1,095.15	38.13	29.724		
9,200.00	7,253.62	6,921.85	6,805.50	34.38	19.74	-23.71	215.83	40.12	1,222.69	1,184.50	38.19	32.019		
9,300.00	7,250.58	6,900.00	6,785.17	35.80	19.63	-22.95	214.97	32.16	1,313.44	1,275.21	38.23	34.353		
9,400.00	7,247.54	6,900.00	6,785.17	37.23	19.63	-22.95	214.97	32.16	1,404.97	1,366.74	38.22	36.757		
9,500.00	7,244.49	6,900.00	6,785.17	38.68	19.63	-22.95	214.97	32.16	1,497.57	1,459.37	38.21	39.195		
9,600.00	7,241.45	6,874.63	6,761.24	40.15	19.52	-22.11	214.01	23.80	1,590.38	1,552.10	38.28	41.550		
9,700.00	7,238.41	6,850.00	6,737.70	41.64	19.42	-21.35	213.11	16.60	1,684.28	1,645.93	38.35	43.923		
9,800.00	7,235.37	6,850.00	6,737.70	43.14	19.42	-21.35	213.11	16.60	1,778.26	1,739.92	38.33	46.389		
9,900.00	7,232.33	6,850.00	6,737.70	44.65	19.42	-21.35	213.11	16.60	1,872.86	1,834.54	38.32	48.872		
10,000.00	7,229.28	6,850.00	6,737.70	46.17	19.42	-21.35	213.11	16.60	1,967.99	1,929.68	38.31	51.369		
10,100.00	7,226.24	6,850.00	6,737.70	47.70	19.42	-21.35	213.11	16.60	2,063.59	2,025.28	38.30	53.876		
10,200.00	7,223.20	6,827.85	6,716.31	49.24	19.34	-20.69	212.33	10.91	2,159.09	2,120.70	38.38	56.248		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,220.16	6,821.87	6,710.50	50.79	19.32	-20.52	212.13	9.50	2,255.13	2,216.73	38.41	58.719	
10,400.00	7,217.12	6,800.00	6,689.15	52.35	19.24	-19.92	211.40	4.81	2,351.71	2,313.21	38.49	61.095	
10,500.00	7,214.08	6,800.00	6,689.15	53.91	19.24	-19.92	211.40	4.81	2,448.12	2,409.62	38.49	63.596	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.78	4.77	-1,259.80	1,259.81				
100.00	100.00	103.00	103.00	3.28	3.28	-89.78	4.77	-1,259.80	1,259.81	1,252.28	7.53	167.324	
200.00	200.00	203.00	203.00	3.31	3.31	-89.78	4.77	-1,259.80	1,259.81	1,252.24	7.57	166.314	
202.53	202.53	205.53	205.53	3.31	3.31	-158.99	4.77	-1,259.80	1,259.81	1,252.24	7.58	166.276	
300.00	300.00	304.48	304.48	3.35	3.35	-159.00	4.77	-1,259.80	1,260.22	1,252.55	7.67	164.401	
400.00	399.93	453.85	453.77	3.41	3.46	-158.95	7.48	-1,256.69	1,261.40	1,253.57	7.83	161.102	
500.00	499.68	603.13	602.57	3.50	3.62	-158.76	15.30	-1,247.73	1,261.93	1,253.88	8.05	156.750	
600.00	599.13	752.11	750.24	3.62	3.83	-158.43	28.17	-1,232.97	1,261.83	1,253.49	8.33	151.400	
700.00	698.15	900.56	896.17	3.76	4.12	-157.95	46.00	-1,212.54	1,261.13	1,252.44	8.69	145.181	
800.00	796.71	1,048.22	1,039.74	3.94	4.50	-157.32	68.63	-1,186.59	1,259.48	1,250.35	9.12	138.027	
900.00	895.20	1,177.15	1,163.58	4.14	4.91	-156.59	92.20	-1,159.56	1,254.80	1,245.18	9.62	130.477	
1,000.00	993.68	1,276.13	1,258.33	4.37	5.28	-155.99	111.02	-1,137.99	1,249.52	1,239.41	10.11	123.559	
1,100.00	1,092.17	1,375.11	1,353.08	4.62	5.67	-155.38	129.84	-1,116.42	1,244.38	1,233.74	10.65	116.874	
1,200.00	1,190.66	1,474.09	1,447.83	4.89	6.08	-154.77	148.65	-1,094.85	1,239.39	1,228.17	11.21	110.535	
1,300.00	1,289.14	1,573.06	1,542.57	5.17	6.50	-154.16	167.47	-1,073.28	1,234.54	1,222.72	11.81	104.516	
1,400.00	1,387.63	1,672.04	1,637.32	5.47	6.94	-153.54	186.28	-1,051.71	1,229.83	1,217.40	12.44	98.892	
1,500.00	1,486.12	1,771.02	1,732.07	5.77	7.39	-152.91	205.10	-1,030.14	1,225.27	1,212.19	13.08	93.654	
1,600.00	1,584.60	1,870.00	1,826.82	6.09	7.71	-152.28	223.92	-1,008.56	1,220.87	1,207.42	13.45	90.762	
1,700.00	1,683.09	1,968.98	1,921.57	6.41	7.84	-151.65	242.73	-986.99	1,216.61	1,202.77	13.84	87.920	
1,800.00	1,781.58	2,067.96	2,016.32	6.74	7.92	-151.01	261.55	-965.42	1,212.51	1,198.31	14.20	85.403	
1,900.00	1,880.06	2,166.94	2,111.07	6.92	8.03	-150.37	280.36	-943.85	1,208.56	1,194.32	14.24	84.865	
2,000.00	1,978.55	2,265.92	2,205.82	6.96	8.16	-149.72	299.18	-922.28	1,204.76	1,190.37	14.39	83.695	
2,100.00	2,077.04	2,364.90	2,300.57	7.01	8.31	-149.07	317.99	-900.71	1,201.12	1,186.54	14.58	82.354	
2,200.00	2,175.52	2,463.87	2,395.32	7.08	8.47	-148.41	336.81	-879.14	1,197.65	1,182.84	14.81	80.867	
2,300.00	2,274.01	2,562.85	2,490.07	7.17	8.66	-147.76	355.63	-857.56	1,194.33	1,179.26	15.07	79.257	
2,400.00	2,372.50	2,661.83	2,584.82	7.27	8.86	-147.10	374.44	-835.99	1,191.17	1,175.81	15.36	77.549	
2,500.00	2,470.99	2,760.81	2,679.57	7.38	9.08	-146.43	393.26	-814.42	1,188.18	1,172.49	15.68	75.766	
2,600.00	2,569.47	2,859.79	2,774.32	7.51	9.31	-145.76	412.07	-792.85	1,185.35	1,169.31	16.03	73.932	
2,700.00	2,667.96	2,958.77	2,869.07	7.65	9.55	-145.09	430.89	-771.28	1,182.68	1,166.27	16.41	72.065	
2,800.00	2,766.45	3,057.75	2,963.82	7.81	9.81	-144.42	449.71	-749.71	1,180.18	1,163.37	16.82	70.186	
2,900.00	2,864.93	3,156.73	3,058.56	7.97	10.07	-143.74	468.52	-728.14	1,177.85	1,160.61	17.24	68.309	
3,000.00	2,963.42	3,255.71	3,153.31	8.15	10.35	-143.06	487.34	-706.56	1,175.69	1,157.99	17.69	66.447	
3,100.00	3,061.91	3,354.68	3,248.06	8.33	10.64	-142.38	506.15	-684.99	1,173.69	1,155.53	18.16	64.613	
3,200.00	3,160.39	3,453.66	3,342.81	8.53	10.94	-141.70	524.97	-663.42	1,171.87	1,153.21	18.66	62.814	
3,300.00	3,258.88	3,552.64	3,437.56	8.73	11.24	-141.01	543.79	-641.85	1,170.21	1,151.05	19.17	61.059	
3,400.00	3,357.37	3,651.62	3,532.31	8.94	11.55	-140.32	562.60	-620.28	1,168.73	1,149.04	19.69	59.352	
3,500.00	3,455.85	3,750.60	3,627.06	9.16	11.87	-139.63	581.42	-598.71	1,167.42	1,147.19	20.23	57.697	
3,600.00	3,554.34	3,849.58	3,721.81	9.39	12.20	-138.94	600.23	-577.14	1,166.28	1,145.49	20.79	56.098	
3,700.00	3,652.83	3,948.56	3,816.56	9.62	12.53	-138.25	619.05	-555.56	1,165.32	1,143.96	21.36	54.555	
3,800.00	3,751.31	4,047.54	3,911.31	9.86	12.87	-137.56	637.87	-533.99	1,164.53	1,142.59	21.94	53.069	
3,900.00	3,849.80	4,146.51	4,006.06	10.10	13.21	-136.86	656.68	-512.42	1,163.91	1,141.37	22.54	51.641	
4,000.00	3,948.29	4,245.49	4,100.81	10.35	13.56	-136.17	675.50	-490.85	1,163.47	1,140.33	23.14	50.270	
4,100.00	4,046.77	4,344.47	4,195.56	10.61	13.91	-135.47	694.31	-469.28	1,163.20	1,139.44	23.76	48.955	
4,200.00	4,145.26	4,443.45	4,290.31	10.86	14.26	-134.78	713.13	-447.71	1,163.11	1,138.72	24.39	47.695	
4,203.14	4,148.36	4,446.56	4,293.28	10.87	14.27	-134.76	713.72	-447.03	1,163.11	1,138.70	24.41	47.656	
4,300.00	4,243.75	4,542.43	4,385.06	11.13	14.62	-134.08	731.95	-426.14	1,163.19	1,138.17	25.02	46.488	
4,400.00	4,342.23	4,641.41	4,479.81	11.39	14.98	-133.39	750.76	-404.57	1,163.45	1,137.78	25.66	45.333	
4,500.00	4,440.72	4,740.39	4,574.55	11.66	15.35	-132.69	769.58	-382.99	1,163.88	1,137.56	26.32	44.228	
4,600.00	4,539.21	4,839.37	4,669.30	11.94	15.72	-132.00	788.39	-361.42	1,164.48	1,137.51	26.97	43.171	
4,700.00	4,637.70	4,938.35	4,764.05	12.22	16.09	-131.31	807.21	-339.85	1,165.26	1,137.63	27.64	42.161	
4,800.00	4,736.18	5,037.32	4,858.80	12.50	16.46	-130.62	826.03	-318.28	1,166.22	1,137.91	28.31	41.195	
4,900.00	4,834.67	5,136.30	4,953.55	12.78	16.84	-129.93	844.84	-296.71	1,167.34	1,138.36	28.99	40.271	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,933.16	5,235.28	5,048.30	13.07	17.22	-129.24	863.66	-275.14	1,168.64	1,138.97	29.67	39.388		
5,100.00	5,031.64	5,334.26	5,143.05	13.35	17.60	-128.55	882.47	-253.57	1,170.11	1,139.76	30.36	38.544		
5,200.00	5,130.13	5,433.24	5,237.80	13.64	17.98	-127.86	901.29	-231.99	1,171.76	1,140.71	31.05	37.737		
5,300.00	5,228.62	5,532.22	5,332.55	13.94	18.36	-127.18	920.11	-210.42	1,173.57	1,141.82	31.75	36.965		
5,400.00	5,327.10	5,631.20	5,427.30	14.23	18.75	-126.50	938.92	-188.85	1,175.56	1,143.11	32.45	36.227		
5,500.00	5,425.59	5,730.18	5,522.05	14.53	19.14	-125.82	957.74	-167.28	1,177.71	1,144.55	33.16	35.521		
5,600.00	5,524.08	5,829.15	5,616.80	14.83	19.53	-125.14	976.55	-145.71	1,180.03	1,146.17	33.86	34.846		
5,700.00	5,622.56	5,928.13	5,711.55	15.13	19.92	-124.47	995.37	-124.14	1,182.52	1,147.94	34.58	34.200		
5,800.00	5,721.05	6,027.11	5,806.30	15.43	20.31	-123.79	1,014.19	-102.57	1,185.17	1,149.88	35.29	33.581		
5,900.00	5,819.54	6,126.09	5,901.05	15.73	20.70	-123.13	1,033.00	-80.99	1,187.99	1,151.98	36.01	32.989		
6,000.00	5,918.02	6,225.07	5,995.80	16.03	21.10	-122.46	1,051.82	-59.42	1,190.98	1,154.24	36.73	32.422		
6,100.00	6,016.51	6,324.05	6,090.54	16.34	21.49	-121.80	1,070.63	-37.85	1,194.13	1,156.67	37.46	31.879		
6,200.00	6,115.00	6,423.03	6,185.29	16.65	21.89	-121.14	1,089.45	-16.28	1,197.43	1,159.25	38.18	31.359		
6,300.00	6,213.48	6,522.01	6,280.04	16.95	22.29	-120.49	1,108.27	5.29	1,200.90	1,161.99	38.91	30.860		
6,400.00	6,311.97	6,620.99	6,374.79	17.26	22.69	-119.84	1,127.08	26.86	1,204.53	1,164.88	39.65	30.383		
6,500.00	6,410.46	6,719.96	6,469.54	17.57	23.09	-119.19	1,145.90	48.43	1,208.31	1,167.93	40.38	29.925		
6,600.00	6,508.95	8,135.14	7,253.41	17.88	34.18	-77.59	1,304.50	983.38	1,188.78	1,146.42	42.36	28.062		
6,700.00	6,607.69	8,149.66	7,253.43	18.17	34.35	-57.97	1,304.56	997.90	1,124.82	1,080.76	44.07	25.526		
6,800.00	6,707.39	8,150.58	7,253.43	18.34	34.36	50.80	1,304.56	998.81	1,065.57	1,019.92	45.65	23.343		
6,900.00	6,805.96	8,135.85	7,253.41	18.45	34.18	81.26	1,304.50	984.09	1,013.15	966.13	47.01	21.550		
7,000.00	6,900.99	8,105.85	7,253.36	18.49	33.82	89.83	1,304.37	954.09	969.35	921.30	48.06	20.171		
7,100.00	6,990.14	8,061.31	7,253.29	18.49	33.30	93.12	1,304.19	909.55	935.12	886.41	48.71	19.198		
7,200.00	7,071.20	8,003.34	7,253.19	18.47	32.63	93.79	1,303.94	851.57	910.37	861.44	48.93	18.606		
7,300.00	7,142.19	7,933.35	7,253.08	18.46	31.84	92.92	1,303.65	781.59	894.07	845.30	48.77	18.331		
7,400.00	7,201.35	7,835.28	7,250.83	18.48	30.77	90.52	1,302.83	683.58	884.12	835.86	48.27	18.317 SF		
7,500.00	7,247.23	7,722.43	7,231.92	18.58	29.56	87.09	1,298.66	572.55	876.50	828.93	47.57	18.425		
7,600.00	7,278.70	7,623.75	7,199.84	18.78	28.55	83.82	1,291.95	479.58	871.00	824.14	46.86	18.586		
7,700.00	7,294.98	7,534.98	7,159.26	19.08	27.71	80.66	1,283.63	401.16	867.80	821.59	46.22	18.776		
7,786.67	7,298.02	7,464.79	7,119.82	19.43	27.09	77.93	1,275.61	343.69	866.97	821.21	45.77	18.944		
7,800.00	7,296.21	7,453.61	7,112.98	19.48	26.99	77.58	1,274.22	334.96	866.79	821.10	45.69	18.969 CC, ES		
7,900.00	7,293.16	7,383.86	7,066.99	20.02	26.43	74.58	1,264.93	283.40	869.85	824.47	45.39	19.166		
8,000.00	7,290.12	7,326.17	7,024.95	20.67	26.00	71.84	1,256.47	244.84	879.06	833.79	45.27	19.418		
8,100.00	7,287.08	7,278.41	6,987.66	21.44	25.67	69.43	1,248.98	215.96	895.49	850.18	45.31	19.764		
8,200.00	7,284.04	7,238.62	6,955.05	22.31	25.41	67.34	1,242.45	194.13	919.69	874.24	45.45	20.233		
8,300.00	7,281.00	7,200.00	6,922.18	23.26	25.18	65.26	1,235.88	174.97	951.74	906.10	45.63	20.856		
8,400.00	7,277.95	7,176.92	6,902.00	24.29	25.05	63.99	1,231.85	164.50	991.25	945.34	45.91	21.590		
8,500.00	7,274.91	7,150.00	6,878.03	25.39	24.90	62.51	1,227.06	153.25	1,037.78	991.63	46.14	22.490		
8,600.00	7,271.87	7,131.87	6,861.62	26.55	24.81	61.50	1,223.79	146.25	1,090.61	1,044.21	46.40	23.506		
8,700.00	7,268.83	7,113.73	6,845.02	27.76	24.72	60.50	1,220.49	139.74	1,149.05	1,102.44	46.61	24.650		
8,800.00	7,265.79	7,100.00	6,832.34	29.01	24.65	59.73	1,217.96	135.12	1,212.42	1,165.61	46.81	25.900		
8,900.00	7,262.75	7,083.83	6,817.28	30.31	24.58	58.84	1,214.96	130.05	1,280.05	1,233.08	46.97	27.251		
9,000.00	7,259.70	7,071.38	6,805.60	31.64	24.52	58.15	1,212.64	126.41	1,351.38	1,304.27	47.11	28.683		
9,100.00	7,256.66	7,050.00	6,785.39	33.00	24.43	56.97	1,208.62	120.71	1,426.01	1,378.79	47.21	30.204		
9,200.00	7,253.62	7,050.00	6,785.39	34.38	24.43	56.97	1,208.62	120.71	1,503.18	1,455.85	47.33	31.758		
9,300.00	7,250.58	7,041.26	6,777.08	35.80	24.39	56.49	1,206.97	118.58	1,582.84	1,535.42	47.42	33.382		
9,400.00	7,247.54	7,028.65	6,765.04	37.23	24.34	55.80	1,204.58	115.71	1,664.57	1,617.09	47.48	35.058		
9,500.00	7,244.49	7,018.42	6,755.24	38.68	24.30	55.25	1,202.63	113.48	1,748.04	1,700.50	47.54	36.772		
9,600.00	7,241.45	6,993.76	6,731.64	40.15	24.20	53.93	1,197.95	108.11	1,832.88	1,785.31	47.57	38.528		
9,700.00	7,238.41	6,969.11	6,708.04	41.64	24.10	52.64	1,193.26	102.73	1,918.87	1,871.26	47.61	40.307		
9,800.00	7,235.37	6,944.45	6,684.44	43.14	24.00	51.37	1,188.57	97.36	2,005.85	1,958.22	47.64	42.107		
9,900.00	7,232.33	6,919.80	6,660.84	44.65	23.90	50.14	1,183.89	91.99	2,093.71	2,046.04	47.67	43.925		
10,000.00	7,229.28	6,904.85	6,637.24	46.17	23.83	48.93	1,179.20	86.61	2,182.33	2,134.61	47.73	45.724		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,226.24	6,870.49	6,613.64	47.70	23.70	47.75	1,174.51	81.24	2,271.64	2,223.91	47.72	47.602	
10,200.00	7,223.20	6,845.84	6,590.04	49.24	23.60	46.60	1,169.83	75.87	2,361.54	2,313.79	47.75	49.457	
10,300.00	7,220.16	6,821.19	6,566.44	50.79	23.50	45.48	1,165.14	70.49	2,451.97	2,404.19	47.78	51.321	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.77	5.13	-1,279.57	1,279.58				
100.00	100.00	103.00	103.00	3.28	3.28	-89.77	5.13	-1,279.57	1,279.58	1,272.05	7.53	169.949	
200.00	200.00	204.50	204.50	3.31	3.31	-89.77	5.14	-1,279.57	1,279.58	1,272.00	7.58	168.912	
300.00	300.00	354.44	354.37	3.35	3.38	-158.87	7.89	-1,276.45	1,277.91	1,270.22	7.69	166.144	
400.00	399.93	503.97	503.40	3.41	3.52	-158.62	15.80	-1,267.49	1,275.21	1,267.34	7.87	162.126	
500.00	499.68	652.84	650.96	3.50	3.71	-158.22	28.78	-1,252.80	1,271.91	1,263.80	8.11	156.901	
600.00	599.13	800.86	796.47	3.62	3.97	-157.68	46.69	-1,232.51	1,268.06	1,259.64	8.42	150.600	
700.00	698.15	947.81	939.35	3.76	4.34	-157.00	69.37	-1,206.82	1,263.75	1,254.93	8.82	143.213	
800.00	796.71	1,093.43	1,079.01	3.94	4.81	-156.16	96.60	-1,175.99	1,258.65	1,249.32	9.32	135.014	
900.00	895.20	1,189.97	1,170.98	4.14	5.18	-155.52	116.06	-1,153.96	1,252.44	1,242.63	9.81	127.706	
1,000.00	993.68	1,288.72	1,265.03	4.37	5.59	-154.85	135.97	-1,131.42	1,246.39	1,236.05	10.34	120.545	
1,100.00	1,092.17	1,387.47	1,359.09	4.62	6.02	-154.18	155.87	-1,108.87	1,240.51	1,229.61	10.91	113.711	
1,200.00	1,190.66	1,486.21	1,453.15	4.89	6.46	-153.51	175.78	-1,086.33	1,234.81	1,223.30	11.51	107.246	
1,300.00	1,289.14	1,584.96	1,547.20	5.17	6.92	-152.83	195.68	-1,063.79	1,229.29	1,217.14	12.15	101.195	
1,400.00	1,387.63	1,683.71	1,641.26	5.47	7.40	-152.14	215.59	-1,041.25	1,223.94	1,211.14	12.81	95.566	
1,500.00	1,486.12	1,782.46	1,735.32	5.77	7.88	-151.45	235.49	-1,018.71	1,218.78	1,205.29	13.49	90.349	
1,600.00	1,584.60	1,881.20	1,829.38	6.09	8.19	-150.75	255.40	-996.17	1,213.80	1,199.93	13.86	87.553	
1,700.00	1,683.09	1,979.95	1,923.43	6.41	8.31	-150.05	275.30	-973.63	1,209.00	1,194.75	14.25	84.861	
1,800.00	1,781.58	2,078.70	2,017.49	6.74	8.40	-149.34	295.21	-951.09	1,204.39	1,189.77	14.62	82.365	
1,900.00	1,880.06	2,177.44	2,111.55	6.92	8.52	-148.62	315.11	-928.55	1,199.97	1,185.29	14.68	81.731	
2,000.00	1,978.55	2,276.19	2,205.60	6.96	8.65	-147.90	335.02	-906.01	1,195.74	1,180.89	14.85	80.512	
2,100.00	2,077.04	2,374.94	2,299.66	7.01	8.81	-147.18	354.92	-883.47	1,191.71	1,176.65	15.06	79.140	
2,200.00	2,175.52	2,473.69	2,393.72	7.08	8.98	-146.45	374.83	-860.93	1,187.87	1,172.57	15.30	77.639	
2,300.00	2,274.01	2,572.43	2,487.77	7.17	9.18	-145.72	394.73	-838.38	1,184.23	1,168.66	15.58	76.031	
2,400.00	2,372.50	2,671.18	2,581.83	7.27	9.38	-144.98	414.64	-815.84	1,180.79	1,164.91	15.88	74.339	
2,500.00	2,470.99	2,769.93	2,675.89	7.38	9.61	-144.24	434.54	-793.30	1,177.55	1,161.33	16.22	72.585	
2,600.00	2,569.47	2,868.68	2,769.95	7.51	9.85	-143.49	454.45	-770.76	1,174.52	1,157.93	16.59	70.791	
2,700.00	2,667.96	2,967.42	2,864.00	7.65	10.10	-142.74	474.36	-748.22	1,171.69	1,154.70	16.99	68.976	
2,800.00	2,766.45	3,066.17	2,958.06	7.81	10.36	-141.99	494.26	-725.68	1,169.06	1,151.65	17.41	67.154	
2,900.00	2,864.93	3,164.92	3,052.12	7.97	10.64	-141.24	514.17	-703.14	1,166.64	1,148.79	17.85	65.342	
3,000.00	2,963.42	3,263.67	3,146.17	8.15	10.93	-140.48	534.07	-680.60	1,164.44	1,146.11	18.32	63.551	
3,100.00	3,061.91	3,362.41	3,240.23	8.33	11.22	-139.72	553.98	-658.06	1,162.44	1,143.63	18.81	61.790	
3,200.00	3,160.39	3,461.16	3,334.29	8.53	11.53	-138.95	573.88	-635.52	1,160.65	1,141.33	19.32	60.069	
3,300.00	3,258.88	3,559.91	3,428.34	8.73	11.84	-138.19	593.79	-612.98	1,159.07	1,139.23	19.85	58.392	
3,400.00	3,357.37	3,658.65	3,522.40	8.94	12.16	-137.42	613.69	-590.44	1,157.71	1,137.32	20.39	56.765	
3,500.00	3,455.85	3,757.40	3,616.46	9.16	12.49	-136.65	633.60	-567.90	1,156.56	1,135.61	20.96	55.192	
3,600.00	3,554.34	3,856.15	3,710.52	9.39	12.83	-135.88	653.50	-545.35	1,155.63	1,134.10	21.53	53.673	
3,700.00	3,652.83	3,954.90	3,804.57	9.62	13.17	-135.11	673.41	-522.81	1,154.91	1,132.79	22.12	52.211	
3,800.00	3,751.31	4,053.64	3,898.63	9.86	13.51	-134.33	693.31	-500.27	1,154.41	1,131.68	22.72	50.805	
3,900.00	3,849.80	4,152.39	3,992.69	10.10	13.86	-133.56	713.22	-477.73	1,154.12	1,130.78	23.34	49.456	
3,983.89	3,932.42	4,235.23	4,071.59	10.31	14.16	-132.91	729.92	-458.82	1,154.04	1,130.18	23.86	48.368	
4,000.00	3,948.29	4,251.14	4,086.74	10.35	14.22	-132.79	733.12	-455.19	1,154.04	1,130.08	23.96	48.164	
4,100.00	4,046.77	4,349.89	4,180.80	10.61	14.58	-132.01	753.03	-432.65	1,154.19	1,129.59	24.60	46.926	
4,200.00	4,145.26	4,448.63	4,274.86	10.86	14.95	-131.24	772.93	-410.11	1,154.54	1,129.30	25.24	45.742	
4,300.00	4,243.75	4,547.38	4,368.91	11.13	15.32	-130.47	792.84	-387.57	1,155.12	1,129.22	25.89	44.610	
4,400.00	4,342.23	4,646.13	4,462.97	11.39	15.69	-129.69	812.74	-365.03	1,155.91	1,129.35	26.56	43.528	
4,500.00	4,440.72	4,744.87	4,557.03	11.66	16.06	-128.92	832.65	-342.49	1,156.91	1,129.69	27.22	42.495	
4,600.00	4,539.21	4,843.62	4,651.09	11.94	16.44	-128.15	852.56	-319.95	1,158.13	1,130.23	27.90	41.508	
4,700.00	4,637.70	4,942.37	4,745.14	12.22	16.82	-127.39	872.46	-297.41	1,159.56	1,130.98	28.58	40.566	
4,800.00	4,736.18	5,041.12	4,839.20	12.50	17.21	-126.62	892.37	-274.87	1,161.20	1,131.93	29.27	39.668	
4,900.00	4,834.67	5,139.86	4,933.26	12.78	17.60	-125.86	912.27	-252.32	1,163.06	1,133.09	29.97	38.810	
5,000.00	4,933.16	5,238.61	5,027.31	13.07	17.99	-125.10	932.18	-229.78	1,165.13	1,134.46	30.67	37.991	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,337.36	5,121.37	13.35	18.38	-124.34	952.08	-207.24	1,167.40	1,136.03	31.37	37.210		
5,200.00	5,130.13	5,436.11	5,215.43	13.64	18.77	-123.59	971.99	-184.70	1,169.89	1,137.80	32.08	36.465		
5,300.00	5,228.62	5,534.85	5,309.48	13.94	19.17	-122.83	991.89	-162.16	1,172.58	1,139.78	32.80	35.754		
5,400.00	5,327.10	5,633.60	5,403.54	14.23	19.56	-122.09	1,011.80	-139.62	1,175.47	1,141.96	33.51	35.075		
5,500.00	5,425.59	5,732.35	5,497.60	14.53	19.96	-121.34	1,031.70	-117.08	1,178.58	1,144.34	34.23	34.426		
5,600.00	5,524.08	5,831.09	5,591.66	14.83	20.36	-120.60	1,051.61	-94.54	1,181.88	1,146.92	34.96	33.808		
5,700.00	5,622.56	5,929.84	5,685.71	15.13	20.76	-119.86	1,071.51	-72.00	1,185.38	1,149.70	35.69	33.217		
5,800.00	5,721.05	6,028.59	5,779.77	15.43	21.17	-119.13	1,091.42	-49.46	1,189.09	1,152.67	36.42	32.653		
5,900.00	5,819.54	6,127.34	5,873.83	15.73	21.57	-118.41	1,111.32	-26.92	1,192.99	1,155.84	37.15	32.114		
6,000.00	5,918.02	6,226.08	5,967.88	16.03	21.98	-117.68	1,131.23	-4.38	1,197.08	1,159.20	37.88	31.599		
6,100.00	6,016.51	6,324.83	6,061.94	16.34	22.39	-116.97	1,151.13	18.16	1,201.37	1,162.75	38.62	31.107		
6,200.00	6,115.00	6,423.58	6,156.00	16.65	22.79	-116.25	1,171.04	40.71	1,205.85	1,166.49	39.36	30.636		
6,300.00	6,213.48	6,522.33	6,250.05	16.95	23.20	-115.55	1,190.95	63.25	1,210.52	1,170.42	40.10	30.187		
6,400.00	6,311.97	7,840.18	6,969.48	17.26	33.73	-76.10	1,346.82	953.22	1,181.66	1,138.85	42.81	27.603		
6,500.00	6,410.46	7,856.17	6,969.45	17.57	33.92	-75.15	1,346.90	969.21	1,124.78	1,080.22	44.56	25.241		
6,600.00	6,508.95	7,872.16	6,969.41	17.88	34.11	-74.20	1,346.97	985.20	1,073.98	1,027.61	46.36	23.166		
6,700.00	6,607.69	7,886.28	6,969.37	18.17	34.28	-56.15	1,347.03	999.32	1,030.03	981.92	48.11	21.409		
6,800.00	6,707.39	7,886.79	6,969.37	18.34	34.29	49.49	1,347.04	999.83	993.62	944.10	49.53	20.063		
6,900.00	6,805.96	7,871.67	6,969.41	18.45	34.11	77.01	1,346.97	984.71	966.34	915.85	50.49	19.141		
7,000.00	6,900.99	7,841.28	6,969.48	18.49	33.74	82.88	1,346.83	954.32	948.92	898.01	50.91	18.638		
7,100.00	6,990.14	7,803.62	6,969.59	18.49	33.30	83.73	1,346.63	909.42	940.94	890.05	50.89	18.488 SF		
7,150.00	7,031.81	7,768.82	6,969.66	18.48	32.89	83.19	1,346.50	881.87	940.04	889.46	50.58	18.585 CC, ES		
7,200.00	7,071.20	7,738.08	6,969.73	18.47	32.54	82.23	1,346.36	851.12	940.84	890.58	50.26	18.720		
7,300.00	7,142.19	7,667.80	6,969.90	18.46	31.74	79.54	1,346.04	780.84	946.31	896.90	49.41	19.154		
7,400.00	7,201.35	7,589.69	6,968.94	18.48	30.88	76.47	1,345.44	702.75	954.74	906.32	48.42	19.720		
7,500.00	7,247.23	7,514.89	6,960.40	18.58	30.07	73.45	1,343.27	628.52	964.48	917.04	47.44	20.330		
7,600.00	7,278.70	7,443.49	6,944.35	18.78	29.31	70.55	1,339.54	559.09	974.72	928.15	46.57	20.931		
7,700.00	7,294.98	7,374.71	6,921.79	19.08	28.60	67.85	1,334.47	494.35	984.69	938.84	45.86	21.473		
7,800.00	7,296.21	7,308.14	6,893.57	19.48	27.95	65.59	1,328.23	434.41	993.87	948.54	45.33	21.926		
7,900.00	7,293.16	7,250.00	6,864.02	20.02	27.41	63.96	1,321.76	384.78	1,005.84	960.81	45.03	22.339		
8,000.00	7,290.12	7,192.41	6,830.51	20.67	26.91	62.13	1,314.47	338.54	1,022.67	977.82	44.85	22.802		
8,100.00	7,287.08	7,150.00	6,803.28	21.44	26.56	60.66	1,308.58	306.57	1,044.95	1,000.04	44.90	23.271		
8,200.00	7,284.04	7,100.00	6,768.60	22.31	26.16	58.81	1,301.11	271.36	1,072.90	1,027.93	44.96	23.862		
8,300.00	7,281.00	7,064.36	6,742.27	23.26	25.90	57.42	1,295.45	248.02	1,106.69	1,061.49	45.20	24.486		
8,400.00	7,277.95	7,031.43	6,716.85	24.29	25.67	56.11	1,290.00	227.83	1,146.21	1,100.74	45.47	25.206		
8,500.00	7,274.91	7,000.00	6,691.65	25.39	25.45	54.82	1,284.61	209.82	1,191.24	1,145.47	45.76	26.030		
8,600.00	7,271.87	6,976.57	6,672.32	26.55	25.31	53.85	1,280.48	197.25	1,241.40	1,195.30	46.10	26.926		
8,700.00	7,268.83	6,950.00	6,649.87	27.76	25.14	52.74	1,275.68	183.87	1,296.34	1,249.94	46.40	27.938		
8,800.00	7,265.79	6,933.16	6,635.37	29.01	25.04	52.03	1,272.59	175.90	1,355.58	1,308.85	46.73	29.009		
8,900.00	7,262.75	6,914.80	6,619.32	30.31	24.94	51.26	1,269.17	167.65	1,418.75	1,371.74	47.01	30.177		
9,000.00	7,259.70	6,900.00	6,606.23	31.64	24.85	50.64	1,266.39	161.35	1,485.43	1,438.15	47.28	31.417		
9,100.00	7,256.66	6,883.32	6,591.29	33.00	24.77	49.93	1,263.21	154.63	1,555.23	1,507.72	47.51	32.732		
9,200.00	7,253.62	6,869.75	6,579.03	34.38	24.70	49.36	1,260.60	149.45	1,627.83	1,580.10	47.73	34.107		
9,300.00	7,250.58	6,850.00	6,560.98	35.80	24.59	48.53	1,256.77	142.40	1,702.95	1,655.05	47.89	35.556		
9,400.00	7,247.54	6,850.00	6,560.98	37.23	24.59	48.53	1,256.77	142.40	1,780.18	1,732.09	48.09	37.015		
9,500.00	7,244.49	6,850.00	6,560.98	38.68	24.59	48.53	1,256.77	142.40	1,859.58	1,811.32	48.26	38.530		
9,600.00	7,241.45	6,826.24	6,539.00	40.15	24.48	47.54	1,252.11	134.69	1,940.36	1,891.99	48.37	40.117		
9,700.00	7,238.41	6,817.46	6,530.81	41.64	24.44	47.17	1,250.37	132.05	2,022.87	1,974.39	48.49	41.721		
9,800.00	7,235.37	6,800.00	6,514.42	43.14	24.36	46.45	1,246.89	127.14	2,106.86	2,058.29	48.57	43.374		
9,900.00	7,232.33	6,800.00	6,514.42	44.65	24.36	46.45	1,246.89	127.14	2,191.93	2,143.25	48.68	45.029		
10,000.00	7,229.28	6,800.00	6,514.42	46.17	24.36	46.45	1,246.89	127.14	2,278.20	2,229.43	48.77	46.714		
10,100.00	7,226.24	6,788.29	6,503.35	47.70	24.31	45.96	1,244.55	124.11	2,365.44	2,316.60	48.84	48.433		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference	Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,223.20	6,774.09	6,489.86	49.24	24.25	45.38	1,241.70	120.72	2,453.65	2,404.75	48.90	50.177		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-89.77	5.14	-1,299.62	1,299.63					
100.00	100.00	103.00	103.00	3.28	3.28	-89.77	5.14	-1,299.62	1,299.63	1,292.10	7.53	172.611		
200.00	200.00	203.00	203.00	3.31	3.31	-89.77	5.14	-1,299.62	1,299.63	1,292.05	7.57	171.570		
300.00	300.00	321.12	321.12	3.35	3.36	-158.98	5.52	-1,299.22	1,299.77	1,292.09	7.67	169.371		
400.00	399.93	468.74	468.57	3.41	3.48	-158.85	10.20	-1,294.44	1,299.80	1,291.96	7.84	165.790		
500.00	499.68	616.07	615.19	3.50	3.64	-158.57	20.17	-1,284.26	1,299.44	1,291.37	8.07	161.118		
600.00	599.13	762.89	760.39	3.62	3.86	-158.15	35.33	-1,268.78	1,298.72	1,290.36	8.36	155.369		
700.00	698.15	908.97	903.56	3.76	4.16	-157.58	55.56	-1,248.12	1,297.70	1,288.97	8.73	148.697		
800.00	796.71	1,054.07	1,044.13	3.94	4.56	-156.85	80.69	-1,222.46	1,296.02	1,286.84	9.19	141.072		
900.00	895.20	1,197.50	1,181.12	4.14	5.06	-155.90	110.38	-1,192.13	1,291.41	1,281.67	9.74	132.538		
1,000.00	993.68	1,302.59	1,275.72	4.37	5.49	-155.14	132.85	-1,169.19	1,285.20	1,274.90	10.30	124.775		
1,100.00	1,092.17	1,404.23	1,368.87	4.62	5.93	-154.40	154.97	-1,146.60	1,279.20	1,268.31	10.89	117.449		
1,200.00	1,190.66	1,505.87	1,462.01	4.89	6.40	-153.64	177.09	-1,124.01	1,273.43	1,261.91	11.52	110.533		
1,300.00	1,289.14	1,607.50	1,555.16	5.17	6.89	-152.88	199.21	-1,101.41	1,267.89	1,255.71	12.18	104.064		
1,400.00	1,387.63	1,709.14	1,648.30	5.47	7.39	-152.11	221.33	-1,078.82	1,262.58	1,249.71	12.88	98.058		
1,500.00	1,486.12	1,789.23	1,741.45	5.77	7.79	-151.33	243.45	-1,056.23	1,257.51	1,244.01	13.50	93.155		
1,600.00	1,584.60	1,887.59	1,834.59	6.09	8.10	-150.55	265.57	-1,033.64	1,252.68	1,238.80	13.87	90.286		
1,700.00	1,683.09	1,985.96	1,927.74	6.41	8.20	-149.77	287.70	-1,011.05	1,248.08	1,233.83	14.26	87.549		
1,800.00	1,781.58	2,084.32	2,020.88	6.74	8.30	-148.97	309.82	-988.46	1,243.73	1,229.09	14.64	84.937		
1,900.00	1,880.06	2,182.69	2,114.03	6.92	8.43	-148.18	331.94	-965.86	1,239.63	1,224.92	14.72	84.239		
2,000.00	1,978.55	2,281.05	2,207.17	6.96	8.58	-147.37	354.06	-943.27	1,235.78	1,220.88	14.90	82.939		
2,100.00	2,077.04	2,379.42	2,300.31	7.01	8.74	-146.57	376.18	-920.68	1,232.18	1,217.06	15.12	81.483		
2,200.00	2,175.52	2,477.78	2,393.46	7.08	8.93	-145.76	398.30	-898.09	1,228.83	1,213.45	15.38	79.896		
2,300.00	2,274.01	2,576.15	2,486.60	7.17	9.13	-144.94	420.42	-875.50	1,225.74	1,210.06	15.67	78.202		
2,400.00	2,372.50	2,674.51	2,579.75	7.27	9.36	-144.12	442.54	-852.91	1,222.90	1,206.90	16.00	76.428		
2,500.00	2,470.99	2,772.88	2,672.89	7.38	9.60	-143.30	464.66	-830.32	1,220.32	1,203.97	16.36	74.596		
2,600.00	2,569.47	2,871.24	2,766.04	7.51	9.85	-142.47	486.78	-807.72	1,218.01	1,201.26	16.75	72.729		
2,700.00	2,667.96	2,969.60	2,859.18	7.65	10.12	-141.64	508.90	-785.13	1,215.96	1,198.79	17.16	70.847		
2,800.00	2,766.45	3,067.97	2,952.33	7.81	10.40	-140.81	531.03	-762.54	1,214.17	1,196.56	17.61	68.965		
2,900.00	2,864.93	3,166.33	3,045.47	7.97	10.69	-139.98	553.15	-739.95	1,212.64	1,194.57	18.07	67.100		
3,000.00	2,963.42	3,264.70	3,138.61	8.15	10.99	-139.14	575.27	-717.36	1,211.38	1,192.82	18.56	65.263		
3,100.00	3,061.91	3,363.06	3,231.76	8.33	11.30	-138.30	597.39	-694.77	1,210.39	1,191.32	19.07	63.463		
3,200.00	3,160.39	3,461.43	3,324.90	8.53	11.63	-137.47	619.51	-672.17	1,209.67	1,190.07	19.60	61.709		
3,300.00	3,258.88	3,559.79	3,418.05	8.73	11.96	-136.63	641.63	-649.58	1,209.21	1,189.06	20.15	60.006		
3,400.00	3,357.37	3,658.16	3,511.19	8.94	12.29	-135.79	663.75	-626.99	1,209.02	1,188.31	20.72	58.358		
3,420.15	3,377.21	3,677.98	3,529.96	8.99	12.36	-135.62	668.21	-622.44	1,209.02	1,188.18	20.83	58.032		
3,500.00	3,455.85	3,756.52	3,604.34	9.16	12.64	-134.95	685.87	-604.40	1,209.10	1,187.81	21.30	56.769		
3,600.00	3,554.34	3,854.89	3,697.48	9.39	12.99	-134.11	707.99	-581.81	1,209.45	1,187.56	21.89	55.239		
3,700.00	3,652.83	3,953.25	3,790.63	9.62	13.35	-133.27	730.11	-559.22	1,210.07	1,187.56	22.50	53.771		
3,800.00	3,751.31	4,051.62	3,883.77	9.86	13.71	-132.43	752.24	-536.62	1,210.95	1,187.83	23.13	52.363		
3,900.00	3,849.80	4,149.98	3,976.91	10.10	14.08	-131.60	774.36	-514.03	1,212.10	1,188.34	23.76	51.016		
4,000.00	3,948.29	4,248.34	4,070.06	10.35	14.45	-130.76	796.48	-491.44	1,213.52	1,189.12	24.40	49.728		
4,100.00	4,046.77	4,346.71	4,163.20	10.61	14.83	-129.93	818.60	-468.85	1,215.20	1,190.15	25.06	48.497		
4,200.00	4,145.26	4,445.07	4,256.35	10.86	15.21	-129.10	840.72	-446.26	1,217.15	1,191.43	25.72	47.323		
4,300.00	4,243.75	4,543.44	4,349.49	11.13	15.59	-128.27	862.84	-423.67	1,219.36	1,192.97	26.39	46.203		
4,400.00	4,342.23	4,641.80	4,442.64	11.39	15.98	-127.45	884.96	-401.08	1,221.83	1,194.76	27.07	45.136		
4,500.00	4,440.72	4,740.17	4,535.78	11.66	16.37	-126.63	907.08	-378.48	1,224.56	1,196.81	27.76	44.118		
4,600.00	4,539.21	4,838.53	4,628.93	11.94	16.77	-125.81	929.20	-355.89	1,227.55	1,199.10	28.45	43.149		
4,700.00	4,637.70	4,936.90	4,722.07	12.22	17.16	-125.00	951.32	-333.30	1,230.80	1,201.65	29.15	42.226		
4,800.00	4,736.18	5,035.26	4,815.21	12.50	17.56	-124.19	973.44	-310.71	1,234.30	1,204.45	29.85	41.347		
4,900.00	4,834.67	5,133.63	4,908.36	12.78	17.97	-123.38	995.57	-288.12	1,238.05	1,207.49	30.56	40.510		
5,000.00	4,933.16	5,231.99	5,001.50	13.07	18.37	-122.58	1,017.69	-265.53	1,242.05	1,210.78	31.28	39.713		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,330.36	5,094.65	13.35	18.78	-121.79	1,039.81	-242.93	1,246.30	1,214.31	31.99	38.955		
5,200.00	5,130.13	5,428.72	5,187.79	13.64	19.19	-121.00	1,061.93	-220.34	1,250.80	1,218.08	32.72	38.232		
5,300.00	5,228.62	5,527.09	5,280.94	13.94	19.60	-120.22	1,084.05	-197.75	1,255.53	1,222.09	33.44	37.544		
5,400.00	5,327.10	5,625.45	5,374.08	14.23	20.01	-119.44	1,106.17	-175.16	1,260.51	1,226.34	34.17	36.888		
5,500.00	5,425.59	5,723.81	5,467.23	14.53	20.42	-118.67	1,128.29	-152.57	1,265.72	1,230.82	34.90	36.264		
5,600.00	5,524.08	5,822.18	5,560.37	14.83	20.84	-117.90	1,150.41	-129.98	1,271.17	1,235.53	35.64	35.669		
5,700.00	5,622.56	5,920.54	5,653.51	15.13	21.26	-117.14	1,172.53	-107.39	1,276.85	1,240.47	36.38	35.102		
5,800.00	5,721.05	6,018.91	5,746.66	15.43	21.67	-116.39	1,194.65	-84.79	1,282.75	1,245.64	37.11	34.562		
5,900.00	5,819.54	6,117.27	5,839.80	15.73	22.09	-115.65	1,216.78	-62.20	1,288.88	1,251.03	37.86	34.047		
6,000.00	5,918.02	6,215.64	5,932.95	16.03	22.51	-114.91	1,238.90	-39.61	1,295.23	1,256.63	38.60	33.555		
6,100.00	6,016.51	6,314.00	6,026.09	16.34	22.94	-114.18	1,261.02	-17.02	1,301.80	1,262.46	39.34	33.087		
6,200.00	6,115.00	6,412.37	6,119.24	16.65	23.36	-113.45	1,283.14	5.57	1,308.59	1,268.50	40.09	32.640		
6,300.00	6,213.48	6,510.73	6,212.38	16.95	23.78	-112.74	1,305.26	28.16	1,315.59	1,274.75	40.84	32.214		
6,400.00	6,311.97	6,609.10	6,305.53	17.26	24.21	-112.03	1,327.38	50.76	1,322.79	1,281.20	41.59	31.808		
6,500.00	6,410.46	6,707.46	6,398.67	17.57	24.63	-111.33	1,349.50	73.35	1,330.20	1,287.86	42.34	31.420		
6,600.00	6,508.95	8,109.42	7,169.68	17.88	35.66	-75.19	1,536.40	983.78	1,334.46	1,288.63	45.83	29.115		
6,700.00	6,607.69	8,104.80	7,169.66	18.17	35.60	-56.77	1,536.47	998.00	1,283.15	1,235.92	47.23	27.165		
6,800.00	6,707.39	8,105.41	7,169.66	18.34	35.61	50.01	1,536.47	998.60	1,237.13	1,188.53	48.59	25.459		
6,900.00	6,805.96	8,109.62	7,169.68	18.45	35.66	78.96	1,536.40	983.58	1,197.96	1,148.10	49.86	24.027		
7,000.00	6,900.99	8,060.09	7,169.73	18.49	35.09	86.48	1,536.25	953.29	1,166.75	1,116.44	50.31	23.191		
7,100.00	6,990.14	8,015.28	7,169.79	18.49	34.57	89.13	1,536.03	908.48	1,143.78	1,093.21	50.57	22.617		
7,200.00	7,071.20	7,957.05	7,169.88	18.47	33.92	89.50	1,535.75	850.25	1,128.47	1,078.02	50.46	22.364 SF		
7,300.00	7,142.19	7,886.85	7,169.98	18.46	33.15	88.58	1,535.40	780.05	1,119.57	1,069.54	50.03	22.377		
7,400.00	7,201.35	7,772.15	7,162.63	18.48	31.93	85.80	1,533.07	665.75	1,114.36	1,065.10	49.26	22.621		
7,500.00	7,247.23	7,665.66	7,138.21	18.58	30.82	82.89	1,526.76	562.42	1,110.30	1,061.86	48.43	22.925		
7,600.00	7,278.70	7,572.65	7,103.43	18.78	29.90	80.17	1,518.09	476.68	1,107.63	1,059.97	47.66	23.239		
7,700.00	7,294.98	7,488.81	7,061.96	19.08	29.13	77.60	1,507.92	404.61	1,106.29	1,059.28	47.01	23.533 ES		
7,768.33	7,298.10	7,435.96	7,031.21	19.35	28.67	75.88	1,500.43	362.30	1,106.15	1,059.49	46.66	23.705		
7,800.00	7,296.21	7,411.75	7,016.00	19.48	28.47	75.14	1,496.74	343.82	1,106.07	1,059.55	46.51	23.780 CC		
7,900.00	7,293.16	7,345.81	6,971.24	20.02	27.94	72.83	1,485.92	296.67	1,109.16	1,062.92	46.24	23.987		
8,000.00	7,290.12	7,291.36	6,930.86	20.67	27.54	70.74	1,476.20	261.50	1,117.44	1,071.26	46.18	24.197		
8,100.00	7,287.08	7,250.00	6,898.30	21.44	27.26	69.07	1,468.38	237.22	1,131.72	1,085.41	46.31	24.437		
8,200.00	7,284.04	7,208.65	6,864.29	22.31	26.99	67.32	1,460.23	215.17	1,152.42	1,105.90	46.52	24.772		
8,300.00	7,281.00	7,177.00	6,837.36	23.26	26.80	65.95	1,453.79	199.86	1,179.70	1,132.86	46.84	25.186		
8,400.00	7,277.95	7,150.00	6,813.82	24.29	26.64	64.76	1,448.17	187.89	1,213.46	1,166.26	47.20	25.708		
8,500.00	7,274.91	7,127.12	6,793.50	25.39	26.52	63.73	1,443.32	178.56	1,253.40	1,205.81	47.59	26.336		
8,600.00	7,271.87	7,100.00	6,769.01	26.55	26.37	62.51	1,437.48	168.49	1,299.17	1,251.23	47.94	27.099		
8,700.00	7,268.83	7,100.00	6,769.01	27.76	26.37	62.51	1,437.48	168.49	1,350.28	1,301.89	48.39	27.902		
8,800.00	7,265.79	7,074.69	6,745.79	29.01	26.25	61.36	1,431.95	160.06	1,406.11	1,357.40	48.70	28.872		
8,900.00	7,262.75	7,050.00	6,722.85	30.31	26.13	60.24	1,426.49	152.76	1,466.49	1,417.51	48.98	29.940		
9,000.00	7,259.70	7,050.00	6,722.85	31.64	26.13	60.24	1,426.49	152.76	1,530.55	1,481.23	49.32	31.035		
9,100.00	7,256.66	7,038.59	6,712.15	33.00	26.08	59.72	1,423.95	149.70	1,598.18	1,548.60	49.58	32.235		
9,200.00	7,253.62	7,028.97	6,703.09	34.38	26.03	59.28	1,421.80	147.27	1,668.90	1,619.08	49.81	33.503		
9,300.00	7,250.58	7,018.77	6,693.46	35.80	25.99	58.82	1,419.51	144.85	1,742.34	1,692.33	50.02	34.835		
9,400.00	7,247.54	6,997.70	6,673.50	37.23	25.90	57.86	1,414.77	140.01	1,818.12	1,767.94	50.17	36.237		
9,500.00	7,244.49	6,971.91	6,649.08	38.68	25.78	56.71	1,408.97	134.08	1,895.79	1,845.49	50.30	37.690		
9,600.00	7,241.45	6,946.12	6,624.66	40.15	25.67	55.57	1,403.17	128.16	1,975.14	1,924.73	50.41	39.180		
9,700.00	7,238.41	6,920.33	6,600.24	41.64	25.56	54.45	1,397.37	122.24	2,055.96	2,005.45	50.51	40.702		
9,800.00	7,235.37	6,905.45	6,575.83	43.14	25.49	53.35	1,391.57	116.32	2,138.10	2,087.46	50.64	42.220		
9,900.00	7,232.33	6,868.76	6,551.41	44.65	25.34	52.27	1,385.77	110.39	2,221.40	2,170.72	50.68	43.831		
10,000.00	7,229.28	6,842.97	6,526.99	46.17	25.22	51.20	1,379.98	104.47	2,305.75	2,254.99	50.75	45.431		
10,100.00	7,226.24	6,817.18	6,502.57	47.70	25.11	50.16	1,374.18	98.55	2,391.02	2,340.20	50.82	47.051		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,223.20	6,808.60	6,478.15	49.24	25.07	49.13	1,368.38	92.62	2,477.12	2,426.18	50.94	48.627	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.42	-0.73	99.95	99.95				
100.00	100.00	102.00	102.00	3.28	3.28	90.42	-0.73	99.95	99.95	92.42	7.53	13.275	
200.00	200.00	202.00	202.00	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.57	13.196	
300.00	300.00	302.00	302.00	3.35	3.35	21.30	-0.73	99.95	99.55	91.88	7.66	12.988	
400.00	399.93	399.72	399.70	3.41	3.42	21.28	0.57	101.10	97.46	89.67	7.79	12.511	
500.00	499.68	497.49	497.33	3.50	3.50	20.49	4.36	104.47	94.38	86.43	7.95	11.867	
600.00	599.13	595.23	594.70	3.62	3.61	18.82	10.63	110.05	90.37	82.21	8.15	11.083	
700.00	698.15	692.89	691.66	3.76	3.74	16.11	19.37	117.83	85.55	77.16	8.39	10.195	
800.00	796.71	790.47	788.08	3.94	3.90	12.02	30.57	127.78	80.61	71.95	8.66	9.305	
900.00	895.20	887.92	883.80	4.14	4.09	6.10	44.19	139.90	78.56	69.60	8.96	8.769	
904.54	899.67	892.34	888.12	4.15	4.10	5.79	44.87	140.50	78.56	69.58	8.97	8.754 CC, ES	
1,000.00	993.68	985.03	978.52	4.37	4.32	-1.11	60.18	154.12	80.46	71.18	9.28	8.668	
1,100.00	1,092.17	1,083.66	1,074.17	4.62	4.59	-8.51	78.17	170.12	85.94	76.27	9.67	8.886	
1,200.00	1,190.66	1,182.91	1,170.39	4.89	4.89	-15.00	96.35	186.29	92.80	82.69	10.12	9.174	
1,300.00	1,289.14	1,282.16	1,266.61	5.17	5.22	-20.54	114.53	202.46	100.69	90.09	10.60	9.497	
1,400.00	1,387.63	1,381.40	1,362.83	5.47	5.56	-25.25	132.71	218.63	109.38	98.26	11.13	9.830	
1,500.00	1,486.12	1,480.65	1,459.05	5.77	5.92	-29.24	150.89	234.80	118.70	107.02	11.68	10.164	
1,600.00	1,584.60	1,579.90	1,555.26	6.09	6.29	-32.65	169.07	250.97	128.51	116.25	12.27	10.478	
1,700.00	1,683.09	1,679.15	1,651.48	6.41	6.67	-35.56	187.25	267.13	138.71	125.84	12.87	10.775	
1,800.00	1,781.58	1,778.40	1,747.70	6.74	7.07	-38.07	205.43	283.30	149.21	135.71	13.50	11.051	
1,900.00	1,880.06	1,877.64	1,843.92	6.92	7.33	-40.25	223.61	299.47	159.96	146.46	13.50	11.845	
2,000.00	1,978.55	1,976.89	1,940.14	6.96	7.42	-42.16	241.79	315.64	170.92	157.29	13.63	12.540	
2,100.00	2,077.04	2,076.14	2,036.36	7.01	7.49	-43.83	259.97	331.81	182.03	168.28	13.75	13.235	
2,200.00	2,175.52	2,175.39	2,132.58	7.08	7.59	-45.31	278.14	347.98	193.28	179.37	13.91	13.894	
2,300.00	2,274.01	2,274.64	2,228.80	7.17	7.70	-46.62	296.32	364.15	204.65	190.55	14.10	14.513	
2,400.00	2,372.50	2,373.88	2,325.02	7.27	7.82	-47.80	314.50	380.32	216.11	201.79	14.32	15.089	
2,500.00	2,470.99	2,473.13	2,421.24	7.38	7.97	-48.86	332.68	396.48	227.65	213.08	14.57	15.621	
2,600.00	2,569.47	2,572.38	2,517.46	7.51	8.12	-49.82	350.86	412.65	239.26	224.41	14.85	16.108	
2,700.00	2,667.96	2,671.63	2,613.68	7.65	8.30	-50.68	369.04	428.82	250.93	235.77	15.16	16.551	
2,800.00	2,766.45	2,770.88	2,709.90	7.81	8.49	-51.47	387.22	444.99	262.66	247.16	15.49	16.952	
2,900.00	2,864.93	2,870.12	2,806.12	7.97	8.69	-52.20	405.40	461.16	274.43	258.57	15.85	17.312	
3,000.00	2,963.42	2,969.37	2,902.34	8.15	8.90	-52.86	423.58	477.33	286.23	270.00	16.23	17.635	
3,100.00	3,061.91	3,068.62	2,998.56	8.33	9.12	-53.47	441.76	493.50	298.08	281.44	16.63	17.922	
3,200.00	3,160.39	3,167.87	3,094.78	8.53	9.36	-54.04	459.94	509.67	309.95	292.90	17.05	18.176	
3,300.00	3,258.88	3,267.12	3,191.00	8.73	9.60	-54.56	478.12	525.83	321.85	304.36	17.49	18.401	
3,400.00	3,357.37	3,366.37	3,287.22	8.94	9.85	-55.04	496.30	542.00	333.78	315.83	17.95	18.598	
3,500.00	3,455.85	3,465.61	3,383.44	9.16	10.11	-55.50	514.48	558.17	345.72	327.31	18.42	18.771	
3,600.00	3,554.34	3,564.86	3,479.66	9.39	10.38	-55.92	532.66	574.34	357.69	338.79	18.90	18.922	
3,700.00	3,652.83	3,664.11	3,575.88	9.62	10.66	-56.31	550.84	590.51	369.67	350.27	19.40	19.053	
3,800.00	3,751.31	3,763.36	3,672.10	9.86	10.94	-56.68	569.02	606.68	381.68	361.76	19.91	19.167	
3,900.00	3,849.80	3,862.61	3,768.32	10.10	11.23	-57.03	587.20	622.85	393.69	373.26	20.44	19.264	
4,000.00	3,948.29	3,961.85	3,864.54	10.35	11.52	-57.35	605.38	639.02	405.72	384.75	20.97	19.348	
4,100.00	4,046.77	4,061.10	3,960.76	10.61	11.82	-57.66	623.56	655.18	417.76	396.25	21.51	19.419	
4,200.00	4,145.26	4,160.35	4,056.98	10.86	12.12	-57.95	641.74	671.35	429.82	407.75	22.07	19.479	
4,300.00	4,243.75	4,259.60	4,153.20	11.13	12.43	-58.23	659.91	687.52	441.88	419.25	22.63	19.529	
4,400.00	4,342.23	4,358.85	4,249.42	11.39	12.74	-58.49	678.09	703.69	453.95	430.76	23.20	19.571	
4,500.00	4,440.72	4,458.09	4,345.64	11.66	13.06	-58.73	696.27	719.86	466.03	442.26	23.77	19.605	
4,600.00	4,539.21	4,557.34	4,441.86	11.94	13.38	-58.97	714.45	736.03	478.12	453.77	24.35	19.633	
4,700.00	4,637.70	4,656.59	4,538.08	12.22	13.70	-59.19	732.63	752.20	490.22	465.28	24.94	19.654	
4,800.00	4,736.18	4,755.84	4,634.30	12.50	14.03	-59.40	750.81	768.37	502.32	476.79	25.54	19.670	
4,900.00	4,834.67	4,855.09	4,730.52	12.78	14.35	-59.60	768.99	784.53	514.43	488.30	26.14	19.682	
5,000.00	4,933.16	4,954.33	4,826.74	13.07	14.69	-59.80	787.17	800.70	526.55	499.81	26.74	19.690	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,053.58	4,922.96	13.35	15.02	-59.98	805.35	816.87	538.67	511.32	27.35	19.694	
5,200.00	5,130.13	5,152.83	5,019.18	13.64	15.36	-60.16	823.53	833.04	550.80	522.83	27.97	19.695	
5,300.00	5,228.62	5,252.08	5,115.40	13.94	15.69	-60.32	841.71	849.21	562.93	534.34	28.58	19.693	
5,400.00	5,327.10	5,351.33	5,211.62	14.23	16.03	-60.49	859.89	865.38	575.07	545.86	29.21	19.689	
5,500.00	5,425.59	5,450.58	5,307.84	14.53	16.38	-60.64	878.07	881.55	587.21	557.37	29.83	19.683	
5,600.00	5,524.08	5,549.82	5,404.06	14.83	16.72	-60.79	896.25	897.72	599.35	568.89	30.46	19.675	
5,700.00	5,622.56	5,649.07	5,500.28	15.13	17.07	-60.93	914.43	913.89	611.50	580.41	31.10	19.665	
5,800.00	5,721.05	5,748.32	5,596.50	15.43	17.41	-61.07	932.61	930.05	623.65	591.92	31.73	19.655	
5,900.00	5,819.54	5,847.57	5,692.72	15.73	17.76	-61.20	950.79	946.22	635.81	603.44	32.37	19.642	
6,000.00	5,918.02	5,946.82	5,788.94	16.03	18.11	-61.33	968.97	962.39	647.97	614.96	33.01	19.629	
6,100.00	6,016.51	6,046.06	5,885.16	16.34	18.46	-61.45	987.15	978.56	660.13	626.47	33.65	19.615	
6,200.00	6,115.00	6,145.31	5,981.38	16.65	18.82	-61.56	1,005.33	994.73	672.29	637.99	34.30	19.600	
6,300.00	6,213.48	6,244.56	6,077.60	16.95	19.17	-61.68	1,023.50	1,010.90	684.46	649.51	34.95	19.585	
6,400.00	6,311.97	6,343.81	6,173.82	17.26	19.52	-61.79	1,041.68	1,027.07	696.63	661.03	35.60	19.569	
6,500.00	6,410.46	6,443.06	6,270.04	17.57	19.88	-61.89	1,059.86	1,043.24	708.80	672.55	36.25	19.553	
6,600.00	6,508.95	6,542.30	6,366.26	17.88	20.24	-62.00	1,078.04	1,059.40	720.98	684.07	36.91	19.536	
6,700.00	6,607.69	6,641.50	6,462.43	18.17	20.60	-47.35	1,096.21	1,075.56	733.36	695.84	37.52	19.544	
6,800.00	6,707.39	6,748.02	6,566.14	18.34	20.93	54.43	1,115.84	1,089.33	746.97	709.00	37.97	19.673	
6,900.00	6,805.96	6,861.85	6,677.76	18.45	21.19	79.97	1,137.13	1,085.65	760.60	722.30	38.30	19.858	
7,000.00	6,900.99	6,978.25	6,789.32	18.49	21.36	85.52	1,158.58	1,061.05	773.71	735.17	38.54	20.077	
7,100.00	6,990.14	7,096.79	6,896.44	18.49	21.46	87.44	1,179.38	1,015.21	785.86	747.16	38.70	20.305	
7,200.00	7,071.20	7,216.84	6,994.51	18.47	21.47	88.04	1,198.63	949.00	796.70	757.86	38.84	20.514	
7,300.00	7,142.19	7,337.66	7,079.09	18.46	21.42	87.98	1,215.47	864.65	805.90	766.90	39.00	20.663	
7,400.00	7,201.35	7,458.37	7,146.45	18.48	21.32	87.53	1,229.17	765.65	813.24	773.96	39.27	20.707	
7,500.00	7,247.23	7,578.09	7,193.94	18.58	21.20	86.83	1,239.16	656.39	818.56	778.85	39.71	20.614	
7,600.00	7,278.70	7,696.03	7,220.28	18.78	21.11	85.97	1,245.18	541.76	821.83	781.49	40.34	20.375	
7,700.00	7,294.98	7,809.57	7,225.74	19.08	21.17	85.04	1,247.21	428.52	823.06	781.91	41.15	20.004	
7,800.00	7,296.21	7,909.44	7,223.69	19.48	21.59	84.80	1,247.69	328.67	823.34	781.28	42.06	19.576	
7,900.00	7,293.16	8,009.43	7,221.63	20.02	22.22	84.87	1,248.18	228.70	823.52	780.33	43.19	19.068	
8,000.00	7,290.12	8,109.43	7,219.58	20.67	22.98	84.94	1,248.66	128.72	823.69	779.13	44.56	18.485	
8,100.00	7,287.08	8,209.42	7,217.53	21.44	23.84	85.01	1,249.14	28.75	823.87	777.74	46.13	17.861	
8,200.00	7,284.04	8,309.42	7,215.47	22.31	24.77	85.08	1,249.63	-71.22	824.04	776.16	47.88	17.211	
8,300.00	7,281.00	8,409.41	7,213.42	23.26	25.78	85.15	1,250.11	-171.19	824.22	774.43	49.79	16.553	
8,400.00	7,277.95	8,509.41	7,211.37	24.29	26.84	85.22	1,250.59	-271.17	824.40	772.55	51.85	15.898	
8,500.00	7,274.91	8,609.40	7,209.31	25.39	27.96	85.29	1,251.08	-371.14	824.58	770.54	54.04	15.258	
8,600.00	7,271.87	8,709.40	7,207.26	26.55	29.12	85.36	1,251.56	-471.11	824.76	768.42	56.34	14.638	
8,700.00	7,268.83	8,809.39	7,205.21	27.76	30.34	85.43	1,252.04	-571.08	824.94	766.19	58.75	14.041	
8,800.00	7,265.79	8,909.39	7,203.15	29.01	31.59	85.50	1,252.53	-671.06	825.13	763.89	61.24	13.473	
8,900.00	7,262.75	9,009.38	7,201.10	30.31	32.88	85.57	1,253.01	-771.03	825.31	761.50	63.81	12.933	
9,000.00	7,259.70	9,109.37	7,199.05	31.64	34.20	85.64	1,253.49	-871.00	825.50	759.05	66.45	12.423	
9,100.00	7,256.66	9,209.37	7,196.99	33.00	35.54	85.71	1,253.98	-970.97	825.69	756.54	69.15	11.940	
9,200.00	7,253.62	9,309.36	7,194.94	34.38	36.91	85.78	1,254.46	-1,070.95	825.88	753.97	71.90	11.486	
9,300.00	7,250.58	9,409.36	7,192.89	35.80	38.31	85.85	1,254.94	-1,170.92	826.07	751.36	74.71	11.057	
9,400.00	7,247.54	9,509.35	7,190.83	37.23	39.73	85.92	1,255.43	-1,270.89	826.26	748.71	77.55	10.654	
9,500.00	7,244.49	9,609.35	7,188.78	38.68	41.16	85.99	1,255.91	-1,370.86	826.45	746.02	80.44	10.275	
9,600.00	7,241.45	9,709.34	7,186.73	40.15	42.61	86.06	1,256.39	-1,470.84	826.65	743.29	83.35	9.917	
9,700.00	7,238.41	9,809.34	7,184.67	41.64	44.08	86.13	1,256.88	-1,570.81	826.84	740.54	86.30	9.581	
9,800.00	7,235.37	9,909.33	7,182.62	43.14	45.56	86.20	1,257.36	-1,670.78	827.04	737.76	89.28	9.264	
9,900.00	7,232.33	10,009.33	7,180.57	44.65	47.05	86.27	1,257.84	-1,770.75	827.24	734.96	92.28	8.965	
10,000.00	7,229.28	10,109.32	7,178.51	46.17	48.55	86.34	1,258.33	-1,870.73	827.44	732.13	95.30	8.682	
10,100.00	7,226.24	10,209.32	7,176.46	47.70	50.06	86.41	1,258.81	-1,970.70	827.64	729.29	98.35	8.416	
10,200.00	7,223.20	10,309.31	7,174.41	49.24	51.59	86.48	1,259.30	-2,070.67	827.84	726.43	101.41	8.163	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,220.16	10,409.31	7,172.35	50.79	53.12	86.55	1,259.78	-2,170.65	828.04	723.55	104.49	7.925		
10,400.00	7,217.12	10,509.30	7,170.30	52.35	54.66	86.62	1,260.26	-2,270.62	828.24	720.66	107.58	7.699		
10,500.00	7,214.08	10,609.30	7,168.25	53.91	56.21	86.69	1,260.75	-2,370.59	828.45	717.75	110.69	7.484		
10,600.00	7,211.03	10,709.29	7,166.19	55.48	57.76	86.75	1,261.23	-2,470.56	828.65	714.84	113.82	7.281		
10,700.00	7,207.99	10,809.29	7,164.14	57.06	59.32	86.82	1,261.71	-2,570.54	828.86	711.91	116.95	7.087		
10,800.00	7,204.95	10,909.28	7,162.09	58.64	60.89	86.89	1,262.20	-2,670.51	829.07	708.97	120.10	6.903		
10,900.00	7,201.91	11,009.28	7,160.03	60.22	62.46	86.96	1,262.68	-2,770.48	829.28	706.02	123.26	6.728		
11,000.00	7,198.87	11,109.27	7,157.98	61.82	64.04	87.03	1,263.16	-2,870.45	829.49	703.07	126.42	6.561		
11,100.00	7,195.82	11,209.26	7,155.93	63.41	65.62	87.10	1,263.65	-2,970.43	829.70	700.11	129.60	6.402		
11,200.00	7,192.78	11,309.26	7,153.87	65.01	67.20	87.17	1,264.13	-3,070.40	829.92	697.14	132.78	6.250		
11,300.00	7,189.74	11,409.25	7,151.82	66.61	68.79	87.24	1,264.61	-3,170.37	830.13	694.16	135.97	6.105		
11,400.00	7,186.70	11,509.25	7,149.77	68.22	70.39	87.31	1,265.10	-3,270.34	830.35	691.18	139.17	5.967		
11,500.00	7,183.66	11,609.24	7,147.71	69.83	71.98	87.38	1,265.58	-3,370.32	830.56	688.19	142.37	5.834		
11,600.00	7,180.62	11,709.24	7,145.66	71.44	73.58	87.45	1,266.06	-3,470.29	830.78	685.20	145.58	5.707		
11,700.00	7,177.57	11,809.23	7,143.61	73.05	75.19	87.51	1,266.55	-3,570.26	831.00	682.20	148.80	5.585		
11,800.00	7,174.53	11,909.23	7,141.55	74.67	76.79	87.58	1,267.03	-3,670.23	831.22	679.20	152.02	5.468		
11,900.00	7,171.49	12,009.22	7,139.50	76.29	78.40	87.65	1,267.51	-3,770.21	831.44	676.20	155.25	5.356		
12,000.00	7,168.45	12,109.22	7,137.45	77.91	80.01	87.72	1,268.00	-3,870.18	831.67	673.19	158.48	5.248		
12,100.00	7,165.41	12,209.21	7,135.39	79.53	81.63	87.79	1,268.48	-3,970.15	831.89	670.18	161.71	5.144		
12,200.00	7,162.36	12,309.21	7,133.34	81.16	83.24	87.86	1,268.96	-4,070.12	832.12	667.16	164.95	5.045		
12,300.00	7,159.32	12,409.20	7,131.29	82.79	84.86	87.93	1,269.45	-4,170.10	832.34	664.15	168.20	4.949		
12,400.00	7,156.28	12,509.20	7,129.23	84.42	86.48	88.00	1,269.93	-4,270.07	832.57	661.13	171.45	4.856		
12,500.00	7,153.24	12,609.19	7,127.18	86.05	88.10	88.06	1,270.41	-4,370.04	832.80	658.10	174.70	4.767		
12,600.00	7,150.20	12,709.19	7,125.13	87.68	89.73	88.13	1,270.90	-4,470.01	833.03	655.08	177.95	4.681		
12,700.00	7,147.16	12,809.18	7,123.07	89.31	91.35	88.20	1,271.38	-4,569.99	833.26	652.05	181.21	4.598		
12,800.00	7,144.11	12,909.18	7,121.02	90.95	92.98	88.27	1,271.86	-4,669.96	833.50	649.03	184.47	4.518		
12,900.00	7,141.07	13,009.17	7,118.97	92.58	94.61	88.34	1,272.35	-4,769.93	833.73	646.00	187.73	4.441		
13,000.00	7,138.03	13,109.17	7,116.91	94.22	96.24	88.41	1,272.83	-4,869.90	833.96	642.97	191.00	4.366		
13,100.00	7,134.99	13,209.16	7,114.86	95.86	97.87	88.48	1,273.31	-4,969.88	834.20	639.93	194.27	4.294		
13,200.00	7,131.95	13,309.15	7,112.81	97.50	99.51	88.54	1,273.80	-5,069.85	834.44	636.90	197.54	4.224		
13,300.00	7,128.90	13,409.15	7,110.75	99.14	101.14	88.61	1,274.28	-5,169.82	834.68	633.87	200.81	4.157		
13,400.00	7,125.86	13,509.14	7,108.70	100.79	102.78	88.68	1,274.76	-5,269.79	834.92	630.83	204.08	4.091		
13,500.00	7,122.82	13,609.14	7,106.65	102.43	104.42	88.75	1,275.25	-5,369.77	835.16	627.80	207.36	4.028		
13,600.00	7,119.78	13,709.13	7,104.59	104.07	106.05	88.82	1,275.73	-5,469.74	835.40	624.76	210.64	3.966		
13,700.00	7,116.74	13,809.13	7,102.54	105.72	107.69	88.88	1,276.21	-5,569.71	835.64	621.73	213.92	3.906		
13,800.00	7,113.69	13,909.12	7,100.49	107.36	109.33	88.95	1,276.70	-5,669.68	835.89	618.69	217.20	3.848		
13,900.00	7,110.65	14,009.12	7,098.43	109.01	110.97	89.02	1,277.18	-5,769.66	836.13	615.65	220.48	3.792		
14,000.00	7,107.61	14,109.11	7,096.38	110.66	112.62	89.09	1,277.66	-5,869.63	836.38	612.61	223.77	3.738		
14,100.00	7,104.57	14,209.11	7,094.33	112.31	114.26	89.16	1,278.15	-5,969.60	836.63	609.57	227.05	3.685		
14,200.00	7,101.53	14,309.10	7,092.27	113.96	115.90	89.22	1,278.63	-6,069.57	836.88	606.54	230.34	3.633		
14,300.00	7,098.49	14,409.10	7,090.22	115.60	117.55	89.29	1,279.11	-6,169.55	837.13	603.50	233.63	3.583		
14,400.00	7,095.44	14,509.09	7,088.17	117.25	119.19	89.36	1,279.60	-6,269.52	837.38	600.46	236.92	3.534		
14,500.00	7,092.40	14,609.09	7,086.11	118.91	120.84	89.43	1,280.08	-6,369.49	837.63	597.42	240.21	3.487		
14,600.00	7,089.36	14,709.08	7,084.06	120.56	122.49	89.50	1,280.56	-6,469.46	837.88	594.38	243.50	3.441		
14,700.00	7,086.32	14,809.08	7,082.01	122.21	124.13	89.56	1,281.05	-6,569.44	838.14	591.35	246.79	3.396		
14,800.00	7,083.28	14,909.07	7,079.96	123.86	125.78	89.63	1,281.53	-6,669.41	838.40	588.31	250.09	3.352		
14,900.00	7,080.23	15,009.07	7,077.90	125.51	127.43	89.70	1,282.01	-6,769.38	838.65	585.27	253.38	3.310		
15,000.00	7,077.19	15,109.06	7,075.85	127.17	129.08	89.77	1,282.50	-6,869.35	838.91	582.23	256.68	3.268		
15,100.00	7,074.15	15,209.06	7,073.80	128.82	130.73	89.83	1,282.98	-6,969.33	839.17	579.20	259.97	3.228		
15,200.00	7,071.11	15,309.05	7,071.74	130.48	132.38	89.90	1,283.46	-7,069.30	839.43	576.16	263.27	3.188		
15,300.00	7,068.07	15,409.04	7,069.69	132.13	134.03	89.97	1,283.95	-7,169.27	839.70	573.13	266.57	3.150		
15,400.00	7,065.03	15,509.04	7,067.64	133.79	135.68	90.04	1,284.43	-7,269.24	839.96	570.09	269.87	3.112		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,061.98	15,609.03	7,065.58	135.44	137.34	90.10	1,284.91	-7,369.22	840.22	567.06	273.17	3.076	
15,600.00	7,058.94	15,709.03	7,063.53	137.10	138.99	90.17	1,285.40	-7,469.19	840.49	564.02	276.46	3.040	
15,665.20	7,056.96	15,774.22	7,062.19	138.18	140.07	90.22	1,285.71	-7,534.37	840.66	562.05	278.61	3.017 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.26	-0.36	79.90	79.90				
100.00	100.00	101.00	101.00	3.28	3.28	90.26	-0.36	79.90	79.90	72.38	7.53	10.613	
200.00	200.00	201.00	201.00	3.31	3.31	90.26	-0.36	79.90	79.90	72.33	7.57	10.549	
300.00	300.00	299.63	299.62	3.35	3.35	20.63	0.37	80.54	80.15	72.49	7.66	10.461	
400.00	399.93	397.77	397.67	3.41	3.42	19.22	3.56	83.33	79.75	71.97	7.78	10.246	
500.00	499.68	495.83	495.43	3.50	3.51	16.80	9.27	88.32	78.49	70.54	7.95	9.878	
600.00	599.13	593.75	592.73	3.62	3.62	13.25	17.49	95.49	76.53	68.39	8.14	9.398	
700.00	698.15	691.51	689.45	3.76	3.76	8.42	28.19	104.83	74.18	65.80	8.38	8.856	
800.00	796.71	789.06	785.42	3.94	3.93	2.09	41.33	116.30	72.32	63.67	8.64	8.369	
808.12	804.71	796.97	793.18	3.95	3.95	1.51	42.51	117.33	72.30	63.64	8.66	8.346 CC, ES	
900.00	895.20	886.32	880.46	4.14	4.14	-5.49	56.88	129.88	74.13	65.20	8.93	8.297	
1,000.00	993.68	983.17	974.35	4.37	4.40	-13.16	74.77	145.50	80.49	71.23	9.27	8.687	
1,100.00	1,092.17	1,082.24	1,070.01	4.62	4.70	-19.92	94.20	162.46	89.69	79.99	9.70	9.248	
1,200.00	1,190.66	1,181.31	1,165.66	4.89	5.03	-25.36	113.63	179.42	99.89	89.72	10.18	9.817	
1,300.00	1,289.14	1,280.39	1,261.32	5.17	5.38	-29.78	133.06	196.38	110.83	100.14	10.69	10.364	
1,400.00	1,387.63	1,379.46	1,356.97	5.47	5.75	-33.39	152.49	213.34	122.30	111.06	11.24	10.879	
1,500.00	1,486.12	1,478.53	1,452.63	5.77	6.13	-36.37	171.92	230.30	134.17	122.35	11.82	11.347	
1,600.00	1,584.60	1,577.60	1,548.28	6.09	6.53	-38.86	191.35	247.27	146.34	133.91	12.43	11.773	
1,700.00	1,683.09	1,676.67	1,643.94	6.41	6.93	-40.97	210.78	264.23	158.74	145.69	13.06	12.159	
1,800.00	1,781.58	1,775.74	1,739.59	6.74	7.35	-42.78	230.21	281.19	171.33	157.63	13.70	12.506	
1,900.00	1,880.06	1,874.81	1,835.25	6.92	7.63	-44.33	249.64	298.15	184.06	170.34	13.71	13.423	
2,000.00	1,978.55	1,973.88	1,930.90	6.96	7.74	-45.68	269.07	315.11	196.90	183.06	13.84	14.228	
2,100.00	2,077.04	2,072.95	2,026.56	7.01	7.81	-46.87	288.50	332.07	209.84	195.88	13.96	15.033	
2,200.00	2,175.52	2,172.03	2,122.21	7.08	7.91	-47.92	307.93	349.03	222.86	208.75	14.11	15.791	
2,300.00	2,274.01	2,271.10	2,217.87	7.17	8.03	-48.85	327.36	366.00	235.94	221.64	14.30	16.500	
2,400.00	2,372.50	2,370.17	2,313.52	7.27	8.16	-49.69	346.79	382.96	249.08	234.56	14.52	17.157	
2,500.00	2,470.99	2,469.24	2,409.18	7.38	8.31	-50.44	366.22	399.92	262.27	247.50	14.77	17.761	
2,600.00	2,569.47	2,568.31	2,504.83	7.51	8.48	-51.12	385.65	416.88	275.49	260.45	15.04	18.312	
2,700.00	2,667.96	2,667.38	2,600.49	7.65	8.66	-51.74	405.08	433.84	288.75	273.40	15.35	18.811	
2,800.00	2,766.45	2,766.45	2,696.14	7.81	8.85	-52.30	424.51	450.80	302.04	286.36	15.68	19.261	
2,900.00	2,864.93	2,865.52	2,791.80	7.97	9.06	-52.82	443.94	467.77	315.36	299.32	16.04	19.663	
3,000.00	2,963.42	2,964.59	2,887.45	8.15	9.28	-53.29	463.37	484.73	328.70	312.28	16.42	20.022	
3,100.00	3,061.91	3,063.67	2,983.11	8.33	9.51	-53.73	482.80	501.69	342.06	325.24	16.82	20.339	
3,200.00	3,160.39	3,162.74	3,078.76	8.53	9.75	-54.13	502.23	518.65	355.44	338.20	17.24	20.619	
3,300.00	3,258.88	3,261.81	3,174.42	8.73	10.00	-54.50	521.66	535.61	368.83	351.16	17.68	20.864	
3,400.00	3,357.37	3,360.88	3,270.07	8.94	10.26	-54.85	541.09	552.57	382.24	364.11	18.13	21.078	
3,500.00	3,455.85	3,459.95	3,365.73	9.16	10.53	-55.18	560.52	569.54	395.66	377.06	18.61	21.264	
3,600.00	3,554.34	3,559.02	3,461.38	9.39	10.81	-55.48	579.95	586.50	409.10	390.00	19.09	21.425	
3,700.00	3,652.83	3,658.09	3,557.04	9.62	11.09	-55.77	599.38	603.46	422.54	402.95	19.60	21.563	
3,800.00	3,751.31	3,757.16	3,652.69	9.86	11.38	-56.03	618.81	620.42	435.99	415.89	20.11	21.682	
3,900.00	3,849.80	3,856.23	3,748.35	10.10	11.68	-56.28	638.24	637.38	449.46	428.82	20.63	21.782	
4,000.00	3,948.29	3,955.31	3,844.00	10.35	11.98	-56.52	657.67	654.34	462.93	441.76	21.17	21.867	
4,100.00	4,046.77	4,054.38	3,939.66	10.61	12.29	-56.74	677.10	671.31	476.40	454.69	21.72	21.938	
4,200.00	4,145.26	4,153.45	4,035.31	10.86	12.60	-56.95	696.53	688.27	489.89	467.62	22.27	21.996	
4,300.00	4,243.75	4,252.52	4,130.97	11.13	12.92	-57.15	715.96	705.23	503.38	480.54	22.84	22.044	
4,400.00	4,342.23	4,351.59	4,226.62	11.39	13.24	-57.34	735.39	722.19	516.88	493.47	23.41	22.082	
4,500.00	4,440.72	4,450.66	4,322.28	11.66	13.57	-57.52	754.82	739.15	530.38	506.39	23.99	22.112	
4,600.00	4,539.21	4,549.73	4,417.93	11.94	13.90	-57.69	774.25	756.11	543.88	519.31	24.57	22.134	
4,700.00	4,637.70	4,648.80	4,513.59	12.22	14.23	-57.85	793.68	773.07	557.39	532.23	25.17	22.149	
4,800.00	4,736.18	4,747.87	4,609.24	12.50	14.56	-58.01	813.11	790.04	570.91	545.14	25.76	22.159	
4,900.00	4,834.67	4,846.95	4,704.90	12.78	14.90	-58.15	832.54	807.00	584.43	558.06	26.37	22.165	
5,000.00	4,933.16	4,946.02	4,800.55	13.07	15.24	-58.29	851.97	823.96	597.95	570.97	26.98	22.165	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,045.09	4,896.21	13.35	15.59	-58.43	871.40	840.92	611.47	583.88	27.59	22.162	
5,200.00	5,130.13	5,144.16	4,991.86	13.64	15.93	-58.56	890.83	857.88	625.00	596.79	28.21	22.156	
5,300.00	5,228.62	5,243.23	5,087.52	13.94	16.28	-58.68	910.26	874.84	638.53	609.70	28.83	22.147	
5,400.00	5,327.10	5,342.30	5,183.17	14.23	16.63	-58.80	929.69	891.81	652.07	622.61	29.46	22.135	
5,500.00	5,425.59	5,441.37	5,278.83	14.53	16.99	-58.91	949.12	908.77	665.61	635.52	30.09	22.121	
5,600.00	5,524.08	5,540.44	5,374.48	14.83	17.34	-59.02	968.55	925.73	679.15	648.42	30.72	22.105	
5,700.00	5,622.56	5,639.51	5,470.14	15.13	17.70	-59.12	987.98	942.69	692.69	661.33	31.36	22.088	
5,800.00	5,721.05	5,738.59	5,565.79	15.43	18.05	-59.22	1,007.41	959.65	706.23	674.23	32.00	22.069	
5,900.00	5,819.54	5,837.66	5,661.45	15.73	18.41	-59.32	1,026.84	976.61	719.78	687.13	32.64	22.049	
6,000.00	5,918.02	5,936.73	5,757.10	16.03	18.77	-59.41	1,046.27	993.58	733.33	700.04	33.29	22.029	
6,100.00	6,016.51	6,035.80	5,852.76	16.34	19.14	-59.50	1,065.70	1,010.54	746.88	712.94	33.94	22.007	
6,200.00	6,115.00	6,134.87	5,948.41	16.65	19.50	-59.59	1,085.13	1,027.50	760.43	725.84	34.59	21.985	
6,300.00	6,213.48	6,233.94	6,044.07	16.95	19.86	-59.67	1,104.56	1,044.46	773.98	738.74	35.24	21.962	
6,400.00	6,311.97	6,333.01	6,139.72	17.26	20.23	-59.76	1,123.99	1,061.42	787.53	751.64	35.90	21.938	
6,500.00	6,410.46	6,433.65	6,236.90	17.57	20.60	-59.84	1,143.73	1,078.58	801.08	764.52	36.56	21.911	
6,600.00	6,508.95	6,551.04	6,351.53	17.88	20.92	-60.81	1,167.03	1,086.21	813.32	776.05	37.26	21.827	
6,700.00	6,607.69	6,661.37	6,458.80	18.17	21.13	-48.22	1,188.88	1,073.70	824.25	786.35	37.90	21.747	
6,800.00	6,707.39	6,765.57	6,556.75	18.34	21.26	50.67	1,208.86	1,044.71	835.99	797.65	38.34	21.802	
6,900.00	6,805.96	6,864.87	6,644.60	18.45	21.32	73.42	1,226.81	1,002.27	848.55	809.90	38.65	21.955	
7,000.00	6,900.99	6,960.00	6,721.72	18.49	21.33	76.47	1,242.60	949.02	861.55	822.71	38.84	22.180	
7,100.00	6,990.14	7,051.59	6,787.83	18.49	21.30	76.22	1,256.17	887.22	874.55	835.59	38.96	22.445	
7,200.00	7,071.20	7,140.21	6,842.90	18.47	21.24	75.02	1,267.49	818.80	887.09	848.02	39.07	22.708	
7,300.00	7,142.19	7,226.37	6,887.01	18.46	21.15	73.55	1,276.60	745.43	898.70	859.50	39.21	22.923	
7,400.00	7,201.35	7,310.47	6,920.32	18.48	21.06	72.07	1,283.52	668.58	908.97	869.53	39.44	23.047	
7,500.00	7,247.23	7,392.89	6,943.07	18.58	20.97	70.73	1,288.30	589.57	917.50	877.68	39.81	23.044	
7,600.00	7,278.70	7,473.93	6,955.50	18.78	20.90	69.59	1,290.97	509.59	923.97	883.62	40.36	22.894	
7,700.00	7,294.98	7,554.61	6,957.90	19.08	20.91	68.70	1,291.61	429.00	928.13	887.06	41.07	22.597	
7,800.00	7,296.21	7,654.45	6,955.24	19.48	21.24	68.40	1,291.25	329.19	928.77	886.69	42.08	22.072	
7,900.00	7,293.16	7,754.45	6,952.58	20.02	21.84	68.41	1,290.89	229.23	928.09	884.80	43.29	21.438	
8,000.00	7,290.12	7,854.45	6,949.91	20.67	22.61	68.41	1,290.54	129.27	927.42	882.71	44.71	20.744	
8,100.00	7,287.08	7,954.45	6,947.25	21.44	23.47	68.42	1,290.18	29.31	926.74	880.44	46.30	20.016	
8,200.00	7,284.04	8,054.44	6,944.58	22.31	24.41	68.43	1,289.82	-70.65	926.06	878.01	48.06	19.271	
8,300.00	7,281.00	8,154.44	6,941.92	23.26	25.42	68.44	1,289.46	-170.61	925.39	875.43	49.96	18.524	
8,400.00	7,277.95	8,254.44	6,939.25	24.29	26.50	68.45	1,289.10	-270.57	924.71	872.72	51.98	17.788	
8,500.00	7,274.91	8,354.44	6,936.59	25.39	27.62	68.46	1,288.74	-370.54	924.03	869.91	54.13	17.071	
8,600.00	7,271.87	8,454.43	6,933.93	26.55	28.80	68.47	1,288.39	-470.50	923.36	866.99	56.37	16.380	
8,700.00	7,268.83	8,554.43	6,931.26	27.76	30.02	68.47	1,288.03	-570.46	922.68	863.98	58.70	15.718	
8,800.00	7,265.79	8,654.43	6,928.60	29.01	31.28	68.48	1,287.67	-670.42	922.00	860.89	61.11	15.087	
8,900.00	7,262.75	8,754.43	6,925.93	30.31	32.57	68.49	1,287.31	-770.38	921.33	857.73	63.60	14.487	
9,000.00	7,259.70	8,854.42	6,923.27	31.64	33.90	68.50	1,286.95	-870.34	920.65	854.51	66.14	13.920	
9,100.00	7,256.66	8,954.42	6,920.60	33.00	35.25	68.51	1,286.60	-970.31	919.97	851.24	68.74	13.384	
9,200.00	7,253.62	9,054.42	6,917.94	34.38	36.63	68.52	1,286.24	-1,070.27	919.30	847.92	71.38	12.879	
9,300.00	7,250.58	9,154.42	6,915.27	35.80	38.03	68.53	1,285.88	-1,170.23	918.62	844.55	74.07	12.402	
9,400.00	7,247.54	9,254.41	6,912.61	37.23	39.45	68.54	1,285.52	-1,270.19	917.94	841.14	76.80	11.952	
9,500.00	7,244.49	9,354.41	6,909.94	38.68	40.88	68.54	1,285.16	-1,370.15	917.27	837.70	79.56	11.529	
9,600.00	7,241.45	9,454.41	6,907.28	40.15	42.34	68.55	1,284.80	-1,470.11	916.59	834.23	82.36	11.129	
9,700.00	7,238.41	9,554.41	6,904.62	41.64	43.81	68.56	1,284.45	-1,570.07	915.92	830.73	85.18	10.752	
9,800.00	7,235.37	9,654.40	6,901.95	43.14	45.29	68.57	1,284.09	-1,670.04	915.24	827.21	88.03	10.397	
9,900.00	7,232.33	9,754.40	6,899.29	44.65	46.79	68.58	1,283.73	-1,770.00	914.56	823.66	90.91	10.061	
10,000.00	7,229.28	9,854.40	6,896.62	46.17	48.29	68.59	1,283.37	-1,869.96	913.89	820.09	93.80	9.743	
10,100.00	7,226.24	9,954.40	6,893.96	47.70	49.81	68.60	1,283.01	-1,969.92	913.21	816.50	96.71	9.443	
10,200.00	7,223.20	10,054.39	6,891.29	49.24	51.33	68.61	1,282.65	-2,069.88	912.53	812.89	99.64	9.158	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,220.16	10,154.39	6,888.63	50.79	52.87	68.61	1,282.30	-2,169.84	911.86	809.27	102.59	8.888		
10,400.00	7,217.12	10,254.39	6,885.96	52.35	54.41	68.62	1,281.94	-2,269.80	911.18	805.63	105.55	8.633		
10,500.00	7,214.08	10,354.39	6,883.30	53.91	55.96	68.63	1,281.58	-2,369.77	910.51	801.98	108.52	8.390		
10,600.00	7,211.03	10,454.39	6,880.64	55.48	57.51	68.64	1,281.22	-2,469.73	909.83	798.32	111.51	8.159		
10,700.00	7,207.99	10,554.38	6,877.97	57.06	59.08	68.65	1,280.86	-2,569.69	909.15	794.64	114.51	7.940		
10,800.00	7,204.95	10,654.38	6,875.31	58.64	60.64	68.66	1,280.51	-2,669.65	908.48	790.96	117.52	7.730		
10,900.00	7,201.91	10,754.38	6,872.64	60.22	62.22	68.67	1,280.15	-2,769.61	907.80	787.26	120.54	7.531		
11,000.00	7,198.87	10,854.38	6,869.98	61.82	63.79	68.68	1,279.79	-2,869.57	907.13	783.56	123.57	7.341		
11,100.00	7,195.82	10,954.37	6,867.31	63.41	65.38	68.69	1,279.43	-2,969.53	906.45	779.85	126.60	7.160		
11,200.00	7,192.78	11,054.37	6,864.65	65.01	66.96	68.69	1,279.07	-3,069.50	905.77	776.13	129.65	6.986		
11,300.00	7,189.74	11,154.37	6,861.98	66.61	68.55	68.70	1,278.71	-3,169.46	905.10	772.40	132.70	6.821		
11,400.00	7,186.70	11,254.37	6,859.32	68.22	70.15	68.71	1,278.36	-3,269.42	904.42	768.66	135.76	6.662		
11,500.00	7,183.66	11,354.36	6,856.65	69.83	71.75	68.72	1,278.00	-3,369.38	903.75	764.92	138.82	6.510		
11,600.00	7,180.62	11,454.36	6,853.99	71.44	73.35	68.73	1,277.64	-3,469.34	903.07	761.17	141.90	6.364		
11,700.00	7,177.57	11,554.36	6,851.33	73.05	74.95	68.74	1,277.28	-3,569.30	902.39	757.42	144.97	6.225		
11,800.00	7,174.53	11,654.36	6,848.66	74.67	76.56	68.75	1,276.92	-3,669.26	901.72	753.66	148.06	6.090		
11,900.00	7,171.49	11,754.35	6,846.00	76.29	78.17	68.76	1,276.57	-3,769.23	901.04	749.90	151.14	5.962		
12,000.00	7,168.45	11,854.35	6,843.33	77.91	79.78	68.77	1,276.21	-3,869.19	900.37	746.13	154.24	5.838		
12,100.00	7,165.41	11,954.35	6,840.67	79.53	81.39	68.78	1,275.85	-3,969.15	899.69	742.36	157.33	5.718		
12,200.00	7,162.36	12,054.35	6,838.00	81.16	83.01	68.78	1,275.49	-4,069.11	899.01	738.58	160.43	5.604		
12,300.00	7,159.32	12,154.34	6,835.34	82.79	84.63	68.79	1,275.13	-4,169.07	898.34	734.80	163.54	5.493		
12,400.00	7,156.28	12,254.34	6,832.67	84.42	86.25	68.80	1,274.77	-4,269.03	897.66	731.02	166.65	5.387		
12,500.00	7,153.24	12,354.34	6,830.01	86.05	87.87	68.81	1,274.42	-4,369.00	896.99	727.23	169.76	5.284		
12,600.00	7,150.20	12,454.34	6,827.35	87.68	89.50	68.82	1,274.06	-4,468.96	896.31	723.44	172.88	5.185		
12,700.00	7,147.16	12,554.34	6,824.68	89.31	91.12	68.83	1,273.70	-4,568.92	895.64	719.64	176.00	5.089		
12,800.00	7,144.11	12,654.33	6,822.02	90.95	92.75	68.84	1,273.34	-4,668.88	894.96	715.84	179.12	4.996		
12,900.00	7,141.07	12,754.33	6,819.35	92.58	94.38	68.85	1,272.98	-4,768.84	894.28	712.04	182.24	4.907		
13,000.00	7,138.03	12,854.33	6,816.69	94.22	96.01	68.86	1,272.63	-4,868.80	893.61	708.24	185.37	4.821		
13,100.00	7,134.99	12,954.33	6,814.02	95.86	97.64	68.87	1,272.27	-4,968.76	892.93	704.43	188.50	4.737		
13,200.00	7,131.95	13,054.32	6,811.36	97.50	99.27	68.88	1,271.91	-5,068.73	892.26	700.62	191.64	4.656		
13,300.00	7,128.90	13,154.32	6,808.69	99.14	100.91	68.89	1,271.55	-5,168.69	891.58	696.81	194.77	4.578		
13,400.00	7,125.86	13,254.32	6,806.03	100.79	102.54	68.89	1,271.19	-5,268.65	890.91	693.00	197.91	4.502		
13,500.00	7,122.82	13,354.32	6,803.37	102.43	104.18	68.90	1,270.83	-5,368.61	890.23	689.18	201.05	4.428		
13,600.00	7,119.78	13,454.31	6,800.70	104.07	105.82	68.91	1,270.48	-5,468.57	889.56	685.36	204.19	4.356		
13,700.00	7,116.74	13,554.31	6,798.04	105.72	107.46	68.92	1,270.12	-5,568.53	888.88	681.54	207.34	4.287		
13,800.00	7,113.69	13,654.31	6,795.37	107.36	109.10	68.93	1,269.76	-5,668.49	888.21	677.72	210.49	4.220		
13,900.00	7,110.65	13,754.31	6,792.71	109.01	110.74	68.94	1,269.40	-5,768.46	887.53	673.90	213.63	4.154		
14,000.00	7,107.61	13,854.30	6,790.04	110.66	112.38	68.95	1,269.04	-5,868.42	886.85	670.07	216.78	4.091		
14,100.00	7,104.57	13,954.30	6,787.38	112.31	114.02	68.96	1,268.69	-5,968.38	886.18	666.24	219.94	4.029		
14,200.00	7,101.53	14,054.30	6,784.71	113.96	115.67	68.97	1,268.33	-6,068.34	885.50	662.41	223.09	3.969		
14,300.00	7,098.49	14,154.30	6,782.05	115.60	117.31	68.98	1,267.97	-6,168.30	884.83	658.58	226.25	3.911		
14,400.00	7,095.44	14,254.29	6,779.38	117.25	118.96	68.99	1,267.61	-6,268.26	884.15	654.75	229.40	3.854		
14,500.00	7,092.40	14,354.29	6,776.72	118.91	120.60	69.00	1,267.25	-6,368.22	883.48	650.91	232.56	3.799		
14,600.00	7,089.36	14,454.29	6,774.06	120.56	122.25	69.01	1,266.89	-6,468.19	882.80	647.08	235.72	3.745		
14,700.00	7,086.32	14,554.29	6,771.39	122.21	123.89	69.02	1,266.54	-6,568.15	882.13	643.24	238.89	3.693		
14,800.00	7,083.28	14,654.29	6,768.73	123.86	125.54	69.03	1,266.18	-6,668.11	881.45	639.40	242.05	3.642		
14,900.00	7,080.23	14,754.28	6,766.06	125.51	127.19	69.03	1,265.82	-6,768.07	880.78	635.56	245.21	3.592		
15,000.00	7,077.19	14,854.28	6,763.40	127.17	128.84	69.04	1,265.46	-6,868.03	880.10	631.72	248.38	3.543		
15,100.00	7,074.15	14,954.28	6,760.73	128.82	130.49	69.05	1,265.10	-6,967.99	879.43	627.88	251.55	3.496		
15,200.00	7,071.11	15,054.28	6,758.07	130.48	132.14	69.06	1,264.75	-7,067.95	878.75	624.04	254.72	3.450		
15,300.00	7,068.07	15,154.27	6,755.40	132.13	133.79	69.07	1,264.39	-7,167.92	878.08	620.19	257.89	3.405		
15,400.00	7,065.03	15,254.27	6,752.74	133.79	135.44	69.08	1,264.03	-7,267.88	877.40	616.34	261.06	3.361		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,061.98	15,354.27	6,750.08	135.44	137.09	69.09	1,263.67	-7,367.84	876.73	612.50	264.23	3.318	
15,600.00	7,058.94	15,454.27	6,747.41	137.10	138.74	69.10	1,263.31	-7,467.80	876.05	608.65	267.40	3.276	
15,665.20	7,056.96	15,519.46	6,745.67	138.18	139.82	69.11	1,263.08	-7,532.97	875.61	606.14	269.47	3.249 SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.35	-0.73	119.99	120.00				
100.00	100.00	102.00	102.00	3.28	3.28	90.35	-0.73	119.99	120.00	112.47	7.53	15.938	
200.00	200.00	202.00	202.00	3.31	3.31	90.35	-0.73	119.99	120.00	112.42	7.57	15.842	
300.00	300.00	299.47	299.45	3.35	3.35	20.55	0.65	121.04	120.66	113.00	7.66	15.750	
400.00	399.93	396.90	396.74	3.41	3.42	19.22	4.66	124.08	120.57	112.79	7.78	15.490	
500.00	499.68	494.18	493.66	3.50	3.51	17.18	11.29	129.12	119.43	111.48	7.95	15.031	
600.00	599.13	591.28	590.06	3.62	3.62	14.37	20.52	136.12	117.40	109.26	8.15	14.412	
700.00	698.15	688.14	685.78	3.76	3.76	10.69	32.32	145.08	114.74	106.36	8.38	13.685	
800.00	796.71	784.72	780.66	3.94	3.94	6.01	46.64	155.95	112.24	103.59	8.66	12.965	
831.23	827.47	814.81	810.10	4.00	4.00	4.32	51.62	159.73	112.06	103.31	8.75	12.807 CC, ES	
900.00	895.20	880.92	874.53	4.14	4.15	0.29	63.43	168.69	113.00	104.04	8.96	12.613	
1,000.00	993.68	976.55	967.08	4.37	4.41	-5.94	82.59	183.24	117.95	108.66	9.29	12.699	
1,100.00	1,092.17	1,075.23	1,062.12	4.62	4.72	-12.07	103.73	199.28	125.95	116.25	9.70	12.981	
1,200.00	1,190.66	1,174.05	1,157.30	4.89	5.05	-17.44	124.90	215.35	135.24	125.08	10.16	13.312	
1,300.00	1,289.14	1,272.86	1,252.47	5.17	5.41	-22.09	146.06	231.41	145.56	134.91	10.65	13.663	
1,400.00	1,387.63	1,371.67	1,347.64	5.47	5.79	-26.10	167.23	247.48	156.71	145.54	11.18	14.022	
1,500.00	1,486.12	1,470.48	1,442.81	5.77	6.18	-29.58	188.39	263.54	168.53	156.80	11.74	14.358	
1,600.00	1,584.60	1,569.29	1,537.98	6.09	6.58	-32.59	209.56	279.61	180.89	168.56	12.32	14.678	
1,700.00	1,683.09	1,668.10	1,633.15	6.41	7.00	-35.22	230.72	295.67	193.68	180.74	12.93	14.975	
1,800.00	1,781.58	1,766.91	1,728.32	6.74	7.42	-37.52	251.89	311.74	206.82	193.26	13.56	15.249	
1,900.00	1,880.06	1,865.72	1,823.49	6.92	7.72	-39.54	273.06	327.81	220.25	206.67	13.58	16.218	
2,000.00	1,978.55	1,964.53	1,918.66	6.96	7.85	-41.33	294.22	343.87	233.92	220.20	13.72	17.053	
2,100.00	2,077.04	2,063.34	2,013.83	7.01	7.93	-42.92	315.39	359.94	247.79	233.95	13.83	17.910	
2,200.00	2,175.52	2,162.15	2,109.00	7.08	8.03	-44.34	336.55	376.00	261.83	247.84	13.99	18.718	
2,300.00	2,274.01	2,260.96	2,204.17	7.17	8.15	-45.62	357.72	392.07	276.01	261.84	14.17	19.472	
2,400.00	2,372.50	2,359.77	2,299.34	7.27	8.28	-46.77	378.88	408.13	290.31	275.92	14.39	20.169	
2,500.00	2,470.99	2,458.58	2,394.52	7.38	8.43	-47.82	400.05	424.20	304.72	290.08	14.64	20.807	
2,600.00	2,569.47	2,557.40	2,489.69	7.51	8.60	-48.77	421.21	440.26	319.22	304.29	14.93	21.388	
2,700.00	2,667.96	2,656.21	2,584.86	7.65	8.78	-49.64	442.38	456.33	333.80	318.56	15.23	21.911	
2,800.00	2,766.45	2,755.02	2,680.03	7.81	8.98	-50.43	463.55	472.39	348.44	332.87	15.57	22.380	
2,900.00	2,864.93	2,853.83	2,775.20	7.97	9.19	-51.16	484.71	488.46	363.15	347.22	15.93	22.798	
3,000.00	2,963.42	2,952.64	2,870.37	8.15	9.41	-51.84	505.88	504.52	377.91	361.59	16.31	23.167	
3,100.00	3,061.91	3,051.45	2,965.54	8.33	9.64	-52.46	527.04	520.59	392.71	376.00	16.72	23.491	
3,200.00	3,160.39	3,150.26	3,060.71	8.53	9.89	-53.04	548.21	536.66	407.56	390.42	17.14	23.775	
3,300.00	3,258.88	3,249.07	3,155.88	8.73	10.14	-53.57	569.37	552.72	422.45	404.86	17.59	24.022	
3,400.00	3,357.37	3,347.88	3,251.05	8.94	10.41	-54.07	590.54	568.79	437.37	419.32	18.05	24.234	
3,500.00	3,455.85	3,446.69	3,346.22	9.16	10.68	-54.54	611.70	584.85	452.32	433.80	18.52	24.417	
3,600.00	3,554.34	3,545.50	3,441.39	9.39	10.96	-54.98	632.87	600.92	467.30	448.28	19.02	24.573	
3,700.00	3,652.83	3,644.31	3,536.57	9.62	11.25	-55.39	654.04	616.98	482.30	462.78	19.52	24.705	
3,800.00	3,751.31	3,743.12	3,631.74	9.86	11.54	-55.78	675.20	633.05	497.33	477.29	20.04	24.816	
3,900.00	3,849.80	3,841.93	3,726.91	10.10	11.84	-56.14	696.37	649.11	512.38	491.81	20.57	24.908	
4,000.00	3,948.29	3,940.75	3,822.08	10.35	12.15	-56.48	717.53	665.18	527.45	506.33	21.11	24.984	
4,100.00	4,046.77	4,039.56	3,917.25	10.61	12.46	-56.81	738.70	681.24	542.53	520.87	21.66	25.045	
4,200.00	4,145.26	4,138.37	4,012.42	10.86	12.78	-57.11	759.86	697.31	557.63	535.41	22.22	25.093	
4,300.00	4,243.75	4,237.18	4,107.59	11.13	13.10	-57.40	781.03	713.38	572.74	549.95	22.79	25.130	
4,400.00	4,342.23	4,335.99	4,202.76	11.39	13.42	-57.68	802.20	729.44	587.87	564.50	23.37	25.158	
4,500.00	4,440.72	4,434.80	4,297.93	11.66	13.75	-57.94	823.36	745.51	603.01	579.06	23.95	25.176	
4,600.00	4,539.21	4,533.61	4,393.10	11.94	14.09	-58.19	844.53	761.57	618.16	593.62	24.54	25.188	
4,700.00	4,637.70	4,632.42	4,488.27	12.22	14.42	-58.42	865.69	777.64	633.33	608.19	25.14	25.192	
4,800.00	4,736.18	4,731.23	4,583.44	12.50	14.76	-58.65	886.86	793.70	648.50	622.76	25.74	25.192	
4,900.00	4,834.67	4,830.04	4,678.61	12.78	15.10	-58.86	908.02	809.77	663.68	637.33	26.35	25.186	
5,000.00	4,933.16	4,928.85	4,773.79	13.07	15.45	-59.07	929.19	825.83	678.88	651.91	26.97	25.176	

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,027.66	4,868.96	13.35	15.80	-59.26	950.35	841.90	694.07	666.49	27.58	25.162	
5,200.00	5,130.13	5,126.47	4,964.13	13.64	16.15	-59.45	971.52	857.96	709.28	681.07	28.21	25.146	
5,300.00	5,228.62	5,225.28	5,059.30	13.94	16.50	-59.63	992.69	874.03	724.50	695.66	28.83	25.126	
5,400.00	5,327.10	5,324.10	5,154.47	14.23	16.86	-59.81	1,013.85	890.09	739.72	710.25	29.47	25.104	
5,500.00	5,425.59	5,422.91	5,249.64	14.53	17.21	-59.97	1,035.02	906.16	754.94	724.84	30.10	25.081	
5,600.00	5,524.08	5,521.72	5,344.81	14.83	17.57	-60.13	1,056.18	922.23	770.18	739.44	30.74	25.055	
5,700.00	5,622.56	5,620.53	5,439.98	15.13	17.93	-60.28	1,077.35	938.29	785.42	754.04	31.38	25.029	
5,800.00	5,721.05	5,719.34	5,535.15	15.43	18.30	-60.43	1,098.51	954.36	800.66	768.64	32.03	25.001	
5,900.00	5,819.54	5,818.15	5,630.32	15.73	18.66	-60.57	1,119.68	970.42	815.91	783.24	32.67	24.972	
6,000.00	5,918.02	5,916.96	5,725.49	16.03	19.03	-60.71	1,140.84	986.49	831.16	797.84	33.32	24.942	
6,100.00	6,016.51	6,015.77	5,820.66	16.34	19.39	-60.84	1,162.01	1,002.55	846.42	812.45	33.98	24.912	
6,200.00	6,115.00	6,114.58	5,915.83	16.65	19.76	-60.97	1,183.18	1,018.62	861.68	827.05	34.63	24.881	
6,300.00	6,213.48	6,213.39	6,011.01	16.95	20.13	-61.09	1,204.34	1,034.68	876.95	841.66	35.29	24.850	
6,400.00	6,311.97	6,312.20	6,106.18	17.26	20.50	-61.21	1,225.51	1,050.75	892.22	856.27	35.95	24.819	
6,500.00	6,410.46	6,411.01	6,201.35	17.57	20.87	-61.32	1,246.67	1,066.81	907.49	870.88	36.61	24.787	
6,600.00	6,508.95	6,509.82	6,296.52	17.88	21.24	-61.43	1,267.84	1,082.88	922.77	885.50	37.28	24.756	
6,700.00	6,607.69	6,612.58	6,395.58	18.17	21.62	-46.99	1,289.88	1,098.96	938.23	900.31	37.91	24.746	
6,800.00	6,707.39	6,727.67	6,507.70	18.34	21.93	53.70	1,314.94	1,102.20	953.97	915.56	38.40	24.840	
6,900.00	6,805.96	6,842.99	6,618.74	18.45	22.16	78.05	1,339.93	1,084.68	969.39	930.61	38.78	24.999	
7,000.00	6,900.99	6,958.08	6,724.65	18.49	22.31	82.49	1,363.94	1,047.03	984.12	945.07	39.05	25.201	
7,100.00	6,990.14	7,072.49	6,821.64	18.49	22.37	83.41	1,386.11	990.86	997.83	958.57	39.26	25.418	
7,200.00	7,071.20	7,185.81	6,906.49	18.47	22.36	83.16	1,405.70	918.58	1,010.19	970.75	39.44	25.610	
7,300.00	7,142.19	7,297.63	6,976.65	18.46	22.30	82.41	1,422.10	833.24	1,020.96	981.28	39.67	25.734	
7,400.00	7,201.35	7,407.64	7,030.40	18.48	22.19	81.45	1,434.91	738.28	1,029.90	989.89	40.00	25.745	
7,500.00	7,247.23	7,515.58	7,066.86	18.58	22.04	80.43	1,443.91	637.23	1,036.83	996.36	40.48	25.614	
7,600.00	7,278.70	7,621.25	7,085.93	18.78	21.87	79.42	1,449.03	533.54	1,041.64	1,000.52	41.12	25.331	
7,700.00	7,294.98	7,723.94	7,088.48	19.08	21.71	78.51	1,450.44	430.98	1,044.24	1,002.31	41.93	24.904	
7,800.00	7,296.21	7,823.79	7,085.82	19.48	21.98	78.27	1,450.67	331.17	1,044.77	1,001.87	42.90	24.354	
7,900.00	7,293.16	7,923.79	7,083.17	20.02	22.66	78.29	1,450.90	231.20	1,044.70	1,000.61	44.09	23.695	
8,000.00	7,290.12	8,023.79	7,080.51	20.67	23.46	78.31	1,451.13	131.24	1,044.63	999.14	45.49	22.963	
8,100.00	7,287.08	8,123.79	7,077.85	21.44	24.34	78.33	1,451.36	31.28	1,044.56	997.48	47.09	22.183	
8,200.00	7,284.04	8,223.79	7,075.19	22.31	25.29	78.35	1,451.59	-68.69	1,044.49	995.64	48.86	21.378	
8,300.00	7,281.00	8,323.78	7,072.53	23.26	26.30	78.37	1,451.82	-168.65	1,044.43	993.64	50.78	20.566	
8,400.00	7,277.95	8,423.78	7,069.88	24.29	27.37	78.39	1,452.05	-268.61	1,044.36	991.51	52.85	19.761	
8,500.00	7,274.91	8,523.78	7,067.22	25.39	28.49	78.41	1,452.28	-368.58	1,044.29	989.25	55.04	18.975	
8,600.00	7,271.87	8,623.78	7,064.56	26.55	29.66	78.43	1,452.51	-468.54	1,044.22	986.89	57.33	18.214	
8,700.00	7,268.83	8,723.78	7,061.90	27.76	30.87	78.45	1,452.74	-568.51	1,044.15	984.43	59.72	17.483	
8,800.00	7,265.79	8,823.78	7,059.25	29.01	32.12	78.47	1,452.97	-668.47	1,044.09	981.89	62.20	16.786	
8,900.00	7,262.75	8,923.78	7,056.59	30.31	33.41	78.50	1,453.20	-768.43	1,044.02	979.27	64.75	16.124	
9,000.00	7,259.70	9,023.78	7,053.93	31.64	34.72	78.52	1,453.43	-868.40	1,043.95	976.58	67.37	15.496	
9,100.00	7,256.66	9,123.78	7,051.27	33.00	36.06	78.54	1,453.66	-968.36	1,043.88	973.84	70.04	14.903	
9,200.00	7,253.62	9,223.78	7,048.61	34.38	37.43	78.56	1,453.89	-1,068.32	1,043.82	971.04	72.77	14.344	
9,300.00	7,250.58	9,323.78	7,045.96	35.80	38.82	78.58	1,454.11	-1,168.29	1,043.75	968.20	75.55	13.816	
9,400.00	7,247.54	9,423.78	7,043.30	37.23	40.23	78.60	1,454.34	-1,268.25	1,043.68	965.32	78.36	13.319	
9,500.00	7,244.49	9,523.78	7,040.64	38.68	41.66	78.62	1,454.57	-1,368.21	1,043.61	962.40	81.22	12.850	
9,600.00	7,241.45	9,623.77	7,037.98	40.15	43.10	78.64	1,454.80	-1,468.18	1,043.55	959.45	84.10	12.408	
9,700.00	7,238.41	9,723.77	7,035.33	41.64	44.56	78.66	1,455.03	-1,568.14	1,043.48	956.46	87.02	11.991	
9,800.00	7,235.37	9,823.77	7,032.67	43.14	46.04	78.68	1,455.26	-1,668.11	1,043.42	953.45	89.96	11.598	
9,900.00	7,232.33	9,923.77	7,030.01	44.65	47.52	78.70	1,455.49	-1,768.07	1,043.35	950.42	92.93	11.227	
10,000.00	7,229.28	10,023.77	7,027.35	46.17	49.02	78.72	1,455.72	-1,868.03	1,043.28	947.36	95.92	10.876	
10,100.00	7,226.24	10,123.77	7,024.69	47.70	50.53	78.74	1,455.95	-1,968.00	1,043.22	944.28	98.94	10.544	
10,200.00	7,223.20	10,223.77	7,022.04	49.24	52.05	78.77	1,456.18	-2,067.96	1,043.15	941.19	101.97	10.230	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,220.16	10,323.77	7,019.38	50.79	53.57	78.79	1,456.41	-2,167.92	1,043.09	938.07	105.01	9.933	
10,400.00	7,217.12	10,423.77	7,016.72	52.35	55.11	78.81	1,456.64	-2,267.89	1,043.02	934.94	108.08	9.651	
10,500.00	7,214.08	10,523.77	7,014.06	53.91	56.65	78.83	1,456.87	-2,367.85	1,042.95	931.80	111.15	9.383	
10,600.00	7,211.03	10,623.77	7,011.41	55.48	58.20	78.85	1,457.10	-2,467.82	1,042.89	928.65	114.24	9.129	
10,700.00	7,207.99	10,723.77	7,008.75	57.06	59.75	78.87	1,457.33	-2,567.78	1,042.82	925.48	117.35	8.887	
10,800.00	7,204.95	10,823.77	7,006.09	58.64	61.32	78.89	1,457.56	-2,667.74	1,042.76	922.30	120.46	8.657	
10,900.00	7,201.91	10,923.77	7,003.43	60.22	62.88	78.91	1,457.79	-2,767.71	1,042.69	919.11	123.58	8.437	
11,000.00	7,198.87	11,023.76	7,000.77	61.82	64.46	78.93	1,458.02	-2,867.67	1,042.63	915.91	126.72	8.228	
11,100.00	7,195.82	11,123.76	6,998.12	63.41	66.03	78.95	1,458.24	-2,967.63	1,042.56	912.71	129.86	8.028	
11,200.00	7,192.78	11,223.76	6,995.46	65.01	67.61	78.97	1,458.47	-3,067.60	1,042.50	909.49	133.01	7.838	
11,300.00	7,189.74	11,323.76	6,992.80	66.61	69.20	78.99	1,458.70	-3,167.56	1,042.44	906.27	136.17	7.655	
11,400.00	7,186.70	11,423.76	6,990.14	68.22	70.79	79.01	1,458.93	-3,267.52	1,042.37	903.04	139.34	7.481	
11,500.00	7,183.66	11,523.76	6,987.49	69.83	72.38	79.04	1,459.16	-3,367.49	1,042.31	899.80	142.51	7.314	
11,600.00	7,180.62	11,623.76	6,984.83	71.44	73.98	79.06	1,459.39	-3,467.45	1,042.24	896.56	145.69	7.154	
11,700.00	7,177.57	11,723.76	6,982.17	73.05	75.58	79.08	1,459.62	-3,567.42	1,042.18	893.31	148.87	7.000	
11,800.00	7,174.53	11,823.76	6,979.51	74.67	77.18	79.10	1,459.85	-3,667.38	1,042.12	890.05	152.06	6.853	
11,900.00	7,171.49	11,923.76	6,976.85	76.29	78.79	79.12	1,460.08	-3,767.34	1,042.05	886.79	155.26	6.712	
12,000.00	7,168.45	12,023.76	6,974.20	77.91	80.40	79.14	1,460.31	-3,867.31	1,041.99	883.53	158.46	6.576	
12,100.00	7,165.41	12,123.76	6,971.54	79.53	82.01	79.16	1,460.54	-3,967.27	1,041.93	880.26	161.67	6.445	
12,200.00	7,162.36	12,223.76	6,968.88	81.16	83.62	79.18	1,460.77	-4,067.23	1,041.86	876.99	164.88	6.319	
12,300.00	7,159.32	12,323.76	6,966.22	82.79	85.24	79.20	1,461.00	-4,167.20	1,041.80	873.71	168.09	6.198	
12,400.00	7,156.28	12,423.75	6,963.57	84.42	86.85	79.22	1,461.23	-4,267.16	1,041.74	870.43	171.31	6.081	
12,500.00	7,153.24	12,523.75	6,960.91	86.05	88.47	79.24	1,461.46	-4,367.13	1,041.68	867.14	174.53	5.968	
12,600.00	7,150.20	12,623.75	6,958.25	87.68	90.09	79.27	1,461.69	-4,467.09	1,041.61	863.85	177.76	5.860	
12,700.00	7,147.16	12,723.75	6,955.59	89.31	91.72	79.29	1,461.92	-4,567.05	1,041.55	860.56	180.99	5.755	
12,800.00	7,144.11	12,823.75	6,952.93	90.95	93.34	79.31	1,462.15	-4,667.02	1,041.49	857.27	184.22	5.653	
12,900.00	7,141.07	12,923.75	6,950.28	92.58	94.97	79.33	1,462.37	-4,766.98	1,041.43	853.97	187.46	5.556	
13,000.00	7,138.03	13,023.75	6,947.62	94.22	96.60	79.35	1,462.60	-4,866.94	1,041.36	850.67	190.69	5.461	
13,100.00	7,134.99	13,123.75	6,944.96	95.86	98.23	79.37	1,462.83	-4,966.91	1,041.30	847.37	193.94	5.369	
13,200.00	7,131.95	13,223.75	6,942.30	97.50	99.86	79.39	1,463.06	-5,066.87	1,041.24	844.06	197.18	5.281	
13,300.00	7,128.90	13,323.75	6,939.65	99.14	101.49	79.41	1,463.29	-5,166.83	1,041.18	840.75	200.43	5.195	
13,400.00	7,125.86	13,423.75	6,936.99	100.79	103.12	79.43	1,463.52	-5,266.80	1,041.12	837.44	203.68	5.112	
13,500.00	7,122.82	13,523.75	6,934.33	102.43	104.76	79.45	1,463.75	-5,366.76	1,041.06	834.13	206.93	5.031	
13,600.00	7,119.78	13,623.75	6,931.67	104.07	106.39	79.47	1,463.98	-5,466.73	1,040.99	830.81	210.18	4.953	
13,700.00	7,116.74	13,723.74	6,929.01	105.72	108.03	79.49	1,464.21	-5,566.69	1,040.93	827.50	213.44	4.877	
13,800.00	7,113.69	13,823.74	6,926.36	107.36	109.67	79.52	1,464.44	-5,666.65	1,040.87	824.18	216.70	4.803	
13,900.00	7,110.65	13,923.74	6,923.70	109.01	111.31	79.54	1,464.67	-5,766.62	1,040.81	820.86	219.96	4.732	
14,000.00	7,107.61	14,023.74	6,921.04	110.66	112.95	79.56	1,464.90	-5,866.58	1,040.75	817.53	223.22	4.662	
14,100.00	7,104.57	14,123.74	6,918.38	112.31	114.59	79.58	1,465.13	-5,966.54	1,040.69	814.21	226.48	4.595	
14,200.00	7,101.53	14,223.74	6,915.73	113.96	116.23	79.60	1,465.36	-6,066.51	1,040.63	810.88	229.75	4.529	
14,300.00	7,098.49	14,323.74	6,913.07	115.60	117.87	79.62	1,465.59	-6,166.47	1,040.57	807.56	233.02	4.466	
14,400.00	7,095.44	14,423.74	6,910.41	117.25	119.52	79.64	1,465.82	-6,266.44	1,040.51	804.23	236.28	4.404	
14,500.00	7,092.40	14,523.74	6,907.75	118.91	121.16	79.66	1,466.05	-6,366.40	1,040.45	800.90	239.56	4.343	
14,600.00	7,089.36	14,623.74	6,905.10	120.56	122.81	79.68	1,466.28	-6,466.36	1,040.39	797.56	242.83	4.284	
14,700.00	7,086.32	14,723.74	6,902.44	122.21	124.45	79.70	1,466.50	-6,566.33	1,040.33	794.23	246.10	4.227	
14,800.00	7,083.28	14,823.74	6,899.78	123.86	126.10	79.72	1,466.73	-6,666.29	1,040.27	790.90	249.38	4.171	
14,900.00	7,080.23	14,923.74	6,897.12	125.51	127.75	79.75	1,466.96	-6,766.25	1,040.21	787.56	252.65	4.117	
15,000.00	7,077.19	15,023.74	6,894.46	127.17	129.39	79.77	1,467.19	-6,866.22	1,040.15	784.22	255.93	4.064	
15,100.00	7,074.15	15,123.73	6,891.81	128.82	131.04	79.79	1,467.42	-6,966.18	1,040.09	780.88	259.21	4.013	
15,200.00	7,071.11	15,223.73	6,889.15	130.48	132.69	79.81	1,467.65	-7,066.14	1,040.04	777.54	262.49	3.962	
15,300.00	7,068.07	15,323.73	6,886.49	132.13	134.34	79.83	1,467.88	-7,166.11	1,039.98	774.20	265.77	3.913	
15,400.00	7,065.03	15,423.73	6,883.83	133.79	135.99	79.85	1,468.11	-7,266.07	1,039.92	770.86	269.06	3.865	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,061.98	15,523.73	6,881.18	135.44	137.64	79.87	1,468.34	-7,366.04	1,039.86	767.52	272.34	3.818	
15,600.00	7,058.94	15,623.73	6,878.52	137.10	139.29	79.89	1,468.57	-7,466.00	1,039.80	764.18	275.63	3.773	
15,665.20	7,056.96	15,688.93	6,876.78	138.18	140.37	79.91	1,468.72	-7,531.17	1,039.76	762.00	277.77	3.743 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	0.36	-40.09	40.09				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.36	-40.09	40.09	32.56	7.53	5.325	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.36	-40.09	40.09	32.52	7.57	5.294 CC	
200.03	200.03	200.03	200.03	3.31	3.31	-89.48	0.36	-40.09	40.09	32.52	7.57	5.294 ES	
300.00	300.00	300.00	300.00	3.35	3.35	-158.91	0.36	-40.09	40.50	32.84	7.66	5.285	
400.00	399.93	400.07	399.93	3.41	3.42	-160.53	0.36	-40.09	43.77	35.98	7.79	5.616	
500.00	499.68	500.32	499.68	3.50	3.50	-163.14	0.36	-40.09	50.40	42.43	7.97	6.324	
600.00	599.13	600.87	599.13	3.62	3.61	-165.96	0.36	-40.09	60.49	52.30	8.19	7.387	
700.00	698.15	701.85	698.15	3.76	3.74	-168.52	0.36	-40.09	74.07	65.62	8.45	8.767	
800.00	796.71	796.71	796.71	3.94	3.87	-170.62	0.36	-40.09	90.72	81.98	8.74	10.383	
900.00	895.20	898.83	898.81	4.14	4.01	-172.32	0.46	-38.39	106.24	97.20	9.04	11.757	
1,000.00	993.68	1,002.03	1,001.86	4.37	4.17	-173.93	0.78	-32.98	118.35	108.99	9.36	12.650	
1,100.00	1,092.17	1,105.94	1,105.36	4.62	4.35	-175.62	1.32	-23.80	127.02	117.32	9.70	13.093	
1,200.00	1,190.66	1,210.31	1,208.91	4.89	4.55	-177.49	2.08	-10.81	132.27	122.20	10.07	13.133	
1,300.00	1,289.14	1,314.86	1,312.09	5.17	4.77	-179.68	3.06	5.97	134.15	123.68	10.47	12.814	
1,400.00	1,387.63	1,416.09	1,411.52	5.47	5.02	177.87	4.17	24.95	133.61	122.70	10.91	12.241	
1,500.00	1,486.12	1,515.93	1,509.55	5.77	5.29	175.42	5.28	43.83	133.16	121.76	11.40	11.684	
1,600.00	1,584.60	1,615.76	1,607.58	6.09	5.57	172.96	6.38	62.71	132.96	121.05	11.91	11.167	
1,632.94	1,617.04	1,648.65	1,639.87	6.19	5.66	172.15	6.75	68.93	132.94	120.86	12.08	11.005	
1,700.00	1,683.09	1,715.60	1,705.61	6.41	5.86	170.50	7.49	81.59	133.00	120.56	12.44	10.690	
1,800.00	1,781.58	1,815.43	1,803.63	6.74	6.15	168.04	8.59	100.47	133.29	120.48	12.81	10.405	
1,900.00	1,880.06	1,915.27	1,901.66	6.92	6.30	165.59	9.70	119.35	133.82	120.92	12.90	10.375	
2,000.00	1,978.55	2,015.11	1,999.69	6.96	6.34	163.17	10.80	138.23	134.60	121.61	12.98	10.366	
2,100.00	2,077.04	2,114.94	2,097.72	7.01	6.40	160.78	11.91	157.11	135.61	122.50	13.11	10.345	
2,200.00	2,175.52	2,214.78	2,195.75	7.08	6.48	158.43	13.01	175.99	136.86	123.59	13.27	10.313	
2,300.00	2,274.01	2,314.61	2,293.77	7.17	6.57	156.13	14.12	194.87	138.33	124.86	13.47	10.269	
2,400.00	2,372.50	2,414.45	2,391.80	7.27	6.69	153.88	15.22	213.75	140.02	126.32	13.71	10.216	
2,500.00	2,470.99	2,514.28	2,489.83	7.38	6.82	151.68	16.33	232.63	141.93	127.95	13.98	10.155	
2,600.00	2,569.47	2,614.12	2,587.86	7.51	6.96	149.55	17.43	251.51	144.03	129.76	14.28	10.088	
2,700.00	2,667.96	2,713.95	2,685.88	7.65	7.12	147.48	18.54	270.39	146.34	131.73	14.61	10.017	
2,800.00	2,766.45	2,813.79	2,783.91	7.81	7.30	145.48	19.64	289.27	148.82	133.85	14.97	9.943	
2,900.00	2,864.93	2,913.63	2,881.94	7.97	7.48	143.54	20.75	308.15	151.48	136.13	15.35	9.868	
3,000.00	2,963.42	3,013.46	2,979.97	8.15	7.68	141.68	21.85	327.04	154.31	138.55	15.76	9.792	
3,100.00	3,061.91	3,113.30	3,078.00	8.33	7.89	139.88	22.96	345.92	157.30	141.11	16.19	9.717	
3,200.00	3,160.39	3,213.13	3,176.02	8.53	8.11	138.15	24.06	364.80	160.44	143.80	16.64	9.643	
3,300.00	3,258.88	3,312.97	3,274.05	8.73	8.34	136.49	25.17	383.68	163.72	146.61	17.10	9.572	
3,400.00	3,357.37	3,412.80	3,372.08	8.94	8.57	134.89	26.27	402.56	167.13	149.54	17.59	9.503	
3,500.00	3,455.85	3,512.64	3,470.11	9.16	8.82	133.36	27.38	421.44	170.66	152.58	18.08	9.438	
3,600.00	3,554.34	3,612.48	3,568.14	9.39	9.07	131.90	28.48	440.32	174.31	155.72	18.59	9.375	
3,700.00	3,652.83	3,712.31	3,666.16	9.62	9.32	130.49	29.59	459.20	178.07	158.96	19.11	9.316	
3,800.00	3,751.31	3,812.15	3,764.19	9.86	9.59	129.14	30.69	478.08	181.93	162.29	19.65	9.260	
3,900.00	3,849.80	3,911.98	3,862.22	10.10	9.86	127.85	31.80	496.96	185.89	165.71	20.19	9.208	
4,000.00	3,948.29	4,011.82	3,960.25	10.35	10.13	126.62	32.90	515.84	189.94	169.20	20.74	9.159	
4,100.00	4,046.77	4,111.65	4,058.28	10.61	10.41	125.43	34.01	534.72	194.08	172.78	21.30	9.112	
4,200.00	4,145.26	4,211.49	4,156.30	10.86	10.70	124.30	35.12	553.60	198.29	176.43	21.86	9.069	
4,300.00	4,243.75	4,311.32	4,254.33	11.13	10.98	123.21	36.22	572.48	202.58	180.14	22.44	9.029	
4,400.00	4,342.23	4,411.16	4,352.36	11.39	11.27	122.17	37.33	591.36	206.94	183.92	23.02	8.991	
4,500.00	4,440.72	4,511.00	4,450.39	11.66	11.57	121.17	38.43	610.24	211.37	187.76	23.60	8.956	
4,600.00	4,539.21	4,610.83	4,548.41	11.94	11.87	120.21	39.54	629.12	215.85	191.66	24.19	8.923	
4,700.00	4,637.70	4,710.67	4,646.44	12.22	12.17	119.29	40.64	648.00	220.39	195.61	24.78	8.892	
4,800.00	4,736.18	4,810.50	4,744.47	12.50	12.47	118.41	41.75	666.88	224.99	199.61	25.38	8.864	
4,900.00	4,834.67	4,910.34	4,842.50	12.78	12.78	117.57	42.85	685.76	229.64	203.66	25.99	8.837	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,000.00	4,933.16	5,010.17	4,940.53	13.07	13.09	116.76	43.96	704.64	234.34	207.75	26.59	8.813	
5,100.00	5,031.64	5,110.01	5,038.55	13.35	13.40	115.98	45.06	723.52	239.08	211.88	27.20	8.789	
5,200.00	5,130.13	5,209.85	5,136.58	13.64	13.71	115.23	46.17	742.40	243.86	216.05	27.81	8.768	
5,300.00	5,228.62	5,309.68	5,234.61	13.94	14.03	114.51	47.27	761.28	248.69	220.26	28.43	8.748	
5,400.00	5,327.10	5,409.52	5,332.64	14.23	14.34	113.81	48.38	780.16	253.55	224.50	29.05	8.729	
5,500.00	5,425.59	5,509.35	5,430.67	14.53	14.66	113.15	49.48	799.04	258.45	228.78	29.67	8.711	
5,600.00	5,524.08	5,609.19	5,528.69	14.83	14.98	112.51	50.59	817.92	263.38	233.09	30.29	8.695	
5,700.00	5,622.56	5,709.02	5,626.72	15.13	15.30	111.89	51.69	836.81	268.34	237.43	30.92	8.680	
5,800.00	5,721.05	5,808.86	5,724.75	15.43	15.62	111.29	52.80	855.69	273.34	241.79	31.54	8.665	
5,900.00	5,819.54	5,908.69	5,822.78	15.73	15.95	110.72	53.90	874.57	278.36	246.19	32.17	8.652	
6,000.00	5,918.02	6,008.53	5,920.80	16.03	16.27	110.16	55.01	893.45	283.41	250.60	32.80	8.639	
6,100.00	6,016.51	6,108.37	6,018.83	16.34	16.60	109.63	56.11	912.33	288.48	255.04	33.44	8.628	
6,200.00	6,115.00	6,208.20	6,116.86	16.65	16.93	109.11	57.22	931.21	293.58	259.51	34.07	8.617	
6,300.00	6,213.48	6,308.04	6,214.89	16.95	17.25	108.61	58.32	950.09	298.70	263.99	34.71	8.606	
6,400.00	6,311.97	6,409.09	6,314.94	17.26	17.49	109.21	59.45	969.53	303.66	268.40	35.26	8.613	
6,500.00	6,410.46	6,507.07	6,412.80	17.57	17.63	112.56	60.53	961.49	308.82	273.14	35.68	8.656	
6,600.00	6,508.95	6,597.66	6,502.02	17.88	17.69	117.90	61.51	946.26	316.70	280.77	35.93	8.814	
6,700.00	6,607.69	6,679.30	6,579.85	18.17	17.71	139.84	62.35	921.82	330.43	294.51	35.92	9.199	
6,800.00	6,707.39	6,756.62	6,650.11	18.34	17.70	-111.27	63.10	889.67	348.80	313.19	35.60	9.797	
6,900.00	6,805.96	6,831.19	6,713.71	18.45	17.68	-79.52	63.77	850.82	369.58	334.47	35.12	10.524	
7,000.00	6,900.99	6,903.62	6,770.72	18.49	17.66	-68.54	64.37	806.21	391.05	356.50	34.55	11.319	
7,100.00	6,990.14	6,974.37	6,821.17	18.49	17.65	-61.95	64.88	756.67	411.80	377.83	33.97	12.124	
7,200.00	7,071.20	7,043.82	6,865.05	18.47	17.66	-57.37	65.32	702.89	430.77	397.32	33.45	12.879	
7,300.00	7,142.19	7,112.28	6,902.33	18.46	17.70	-54.07	65.68	645.50	447.14	414.08	33.06	13.526	
7,400.00	7,201.35	7,180.00	6,932.93	18.48	17.78	-51.74	65.97	585.13	460.34	427.49	32.85	14.011	
7,500.00	7,247.23	7,250.00	6,957.63	18.58	17.90	-50.18	66.18	519.67	469.96	437.08	32.88	14.293	
7,600.00	7,278.70	7,314.11	6,973.84	18.78	18.07	-49.36	66.31	457.66	475.69	442.54	33.15	14.348	
7,700.00	7,294.98	7,380.89	6,984.00	19.08	18.28	-49.16	66.36	391.69	477.43	443.75	33.68	14.175	
7,800.00	7,296.21	7,450.00	6,987.18	19.48	18.54	-49.48	66.34	322.69	475.52	441.10	34.42	13.815	
7,842.24	7,294.92	7,483.52	6,986.43	19.71	18.69	-49.51	66.30	289.18	475.34	440.56	34.78	13.666	
7,900.00	7,293.16	7,541.28	6,984.96	20.02	18.99	-49.56	66.23	231.44	475.30	440.01	35.29	13.468	
8,000.00	7,290.12	7,641.28	6,982.44	20.67	19.59	-49.63	66.11	131.48	475.22	438.90	36.33	13.081	
8,100.00	7,287.08	7,741.28	6,979.91	21.44	20.32	-49.70	66.00	31.51	475.15	437.60	37.55	12.654	
8,200.00	7,284.04	7,841.27	6,977.38	22.31	21.15	-49.78	65.88	-68.46	475.08	436.14	38.94	12.201	
8,300.00	7,281.00	7,941.27	6,974.85	23.26	22.07	-49.85	65.76	-168.42	475.00	434.53	40.48	11.735	
8,400.00	7,277.95	8,041.27	6,972.32	24.29	23.08	-49.92	65.64	-268.39	474.93	432.78	42.15	11.268	
8,500.00	7,274.91	8,141.27	6,969.79	25.39	24.17	-50.00	65.53	-368.35	474.86	430.92	43.94	10.807	
8,600.00	7,271.87	8,241.27	6,967.26	26.55	25.32	-50.07	65.41	-468.32	474.79	428.95	45.83	10.359	
8,700.00	7,268.83	8,341.26	6,964.73	27.76	26.52	-50.14	65.29	-568.29	474.72	426.90	47.82	9.926	
8,800.00	7,265.79	8,441.26	6,962.20	29.01	27.77	-50.22	65.17	-668.25	474.65	424.75	49.90	9.513	
8,900.00	7,262.75	8,541.26	6,959.67	30.31	29.07	-50.29	65.06	-768.22	474.58	422.54	52.04	9.119	
9,000.00	7,259.70	8,641.26	6,957.14	31.64	30.40	-50.36	64.94	-868.18	474.51	420.26	54.25	8.746	
9,100.00	7,256.66	8,741.26	6,954.61	33.00	31.77	-50.44	64.82	-968.15	474.45	417.93	56.52	8.394	
9,200.00	7,253.62	8,841.25	6,952.08	34.38	33.16	-50.51	64.70	-1,068.12	474.38	415.54	58.84	8.062	
9,300.00	7,250.58	8,941.25	6,949.55	35.80	34.58	-50.59	64.59	-1,168.08	474.32	413.11	61.21	7.749	
9,400.00	7,247.54	9,041.25	6,947.03	37.23	36.02	-50.66	64.47	-1,268.05	474.25	410.64	63.62	7.455	
9,500.00	7,244.49	9,141.25	6,944.50	38.68	37.47	-50.73	64.35	-1,368.01	474.19	408.13	66.06	7.178	
9,600.00	7,241.45	9,241.25	6,941.97	40.15	38.95	-50.81	64.24	-1,467.98	474.13	405.58	68.54	6.917	
9,700.00	7,238.41	9,341.25	6,939.44	41.64	40.44	-50.88	64.12	-1,567.95	474.06	403.01	71.05	6.672	
9,800.00	7,235.37	9,441.24	6,936.91	43.14	41.95	-50.95	64.00	-1,667.91	474.00	400.41	73.59	6.441	
9,900.00	7,232.33	9,541.24	6,934.38	44.65	43.46	-51.03	63.88	-1,767.88	473.94	397.79	76.15	6.223	
10,000.00	7,229.28	9,641.24	6,931.85	46.17	44.99	-51.10	63.77	-1,867.85	473.88	395.14	78.74	6.018	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,226.24	9,741.24	6,929.32	47.70	46.53	-51.18	63.65	-1,967.81	473.82	392.47	81.35	5.825	
10,200.00	7,223.20	9,841.24	6,926.79	49.24	48.08	-51.25	63.53	-2,067.78	473.77	389.79	83.98	5.642	
10,300.00	7,220.16	9,941.23	6,924.26	50.79	49.63	-51.32	63.41	-2,167.74	473.71	387.08	86.63	5.468	
10,400.00	7,217.12	10,041.23	6,921.73	52.35	51.20	-51.40	63.30	-2,267.71	473.65	384.36	89.29	5.305	
10,500.00	7,214.08	10,141.23	6,919.20	53.91	52.77	-51.47	63.18	-2,367.68	473.60	381.63	91.97	5.150	
10,600.00	7,211.03	10,241.23	6,916.67	55.48	54.34	-51.55	63.06	-2,467.64	473.54	378.88	94.66	5.002	
10,700.00	7,207.99	10,341.23	6,914.14	57.06	55.92	-51.62	62.94	-2,567.61	473.49	376.12	97.37	4.863	
10,800.00	7,204.95	10,441.22	6,911.61	58.64	57.51	-51.69	62.83	-2,667.57	473.43	373.34	100.09	4.730	
10,900.00	7,201.91	10,541.22	6,909.09	60.22	59.10	-51.77	62.71	-2,767.54	473.38	370.55	102.83	4.604	
11,000.00	7,198.87	10,641.22	6,906.56	61.82	60.69	-51.84	62.59	-2,867.51	473.33	367.76	105.57	4.483	
11,100.00	7,195.82	10,741.22	6,904.03	63.41	62.29	-51.92	62.47	-2,967.47	473.28	364.95	108.33	4.369	
11,200.00	7,192.78	10,841.22	6,901.50	65.01	63.90	-51.99	62.36	-3,067.44	473.23	362.13	111.10	4.260	
11,300.00	7,189.74	10,941.22	6,898.97	66.61	65.50	-52.06	62.24	-3,167.40	473.18	359.30	113.88	4.155	
11,400.00	7,186.70	11,041.21	6,896.44	68.22	67.11	-52.14	62.12	-3,267.37	473.13	356.47	116.66	4.056	
11,500.00	7,183.66	11,141.21	6,893.91	69.83	68.73	-52.21	62.01	-3,367.34	473.08	353.62	119.46	3.960	
11,600.00	7,180.62	11,241.21	6,891.38	71.44	70.34	-52.29	61.89	-3,467.30	473.04	350.77	122.26	3.869	
11,700.00	7,177.57	11,341.21	6,888.85	73.05	71.96	-52.36	61.77	-3,567.27	472.99	347.91	125.08	3.782	
11,800.00	7,174.53	11,441.21	6,886.32	74.67	73.58	-52.43	61.65	-3,667.23	472.94	345.05	127.90	3.698	
11,900.00	7,171.49	11,541.20	6,883.79	76.29	75.20	-52.51	61.54	-3,767.20	472.90	342.17	130.73	3.617	
12,000.00	7,168.45	11,641.20	6,881.26	77.91	76.83	-52.58	61.42	-3,867.17	472.86	339.29	133.56	3.540	
12,100.00	7,165.41	11,741.20	6,878.73	79.53	78.46	-52.66	61.30	-3,967.13	472.81	336.41	136.41	3.466	
12,200.00	7,162.36	11,841.20	6,876.20	81.16	80.08	-52.73	61.18	-4,067.10	472.77	333.51	139.26	3.395	
12,300.00	7,159.32	11,941.20	6,873.68	82.79	81.71	-52.81	61.07	-4,167.06	472.73	330.62	142.11	3.326	
12,400.00	7,156.28	12,041.19	6,871.15	84.42	83.35	-52.88	60.95	-4,267.03	472.69	327.71	144.98	3.260	
12,500.00	7,153.24	12,141.19	6,868.62	86.05	84.98	-52.95	60.83	-4,367.00	472.65	324.80	147.85	3.197	
12,600.00	7,150.20	12,241.19	6,866.09	87.68	86.62	-53.03	60.71	-4,466.96	472.61	321.89	150.73	3.136	
12,700.00	7,147.16	12,341.19	6,863.56	89.31	88.25	-53.10	60.60	-4,566.93	472.57	318.96	153.61	3.076	
12,800.00	7,144.11	12,441.19	6,861.03	90.95	89.89	-53.18	60.48	-4,666.89	472.53	316.04	156.50	3.019	
12,900.00	7,141.07	12,541.19	6,858.50	92.58	91.53	-53.25	60.36	-4,766.86	472.50	313.11	159.39	2.964	
13,000.00	7,138.03	12,641.18	6,855.97	94.22	93.17	-53.33	60.24	-4,866.83	472.46	310.17	162.29	2.911	
13,100.00	7,134.99	12,741.18	6,853.44	95.86	94.81	-53.40	60.13	-4,966.79	472.43	307.23	165.20	2.860	
13,200.00	7,131.95	12,841.18	6,850.91	97.50	96.45	-53.47	60.01	-5,066.76	472.39	304.29	168.11	2.810	
13,300.00	7,128.90	12,941.18	6,848.38	99.14	98.10	-53.55	59.89	-5,166.72	472.36	301.34	171.02	2.762	
13,400.00	7,125.86	13,041.18	6,845.85	100.79	99.74	-53.62	59.77	-5,266.69	472.33	298.38	173.94	2.715	
13,500.00	7,122.82	13,141.17	6,843.32	102.43	101.39	-53.70	59.66	-5,366.66	472.29	295.42	176.87	2.670	
13,600.00	7,119.78	13,241.17	6,840.79	104.07	103.03	-53.77	59.54	-5,466.62	472.26	292.46	179.80	2.627	
13,700.00	7,116.74	13,341.17	6,838.26	105.72	104.68	-53.85	59.42	-5,566.59	472.23	289.49	182.74	2.584	
13,800.00	7,113.69	13,441.17	6,835.74	107.36	106.33	-53.92	59.31	-5,666.56	472.20	286.52	185.68	2.543	
13,900.00	7,110.65	13,541.17	6,833.21	109.01	107.98	-53.99	59.19	-5,766.52	472.18	283.55	188.63	2.503	
14,000.00	7,107.61	13,641.16	6,830.68	110.66	109.63	-54.07	59.07	-5,866.49	472.15	280.57	191.58	2.465	
14,100.00	7,104.57	13,741.16	6,828.15	112.31	111.28	-54.14	58.95	-5,966.45	472.12	277.59	194.53	2.427	
14,200.00	7,101.53	13,841.16	6,825.62	113.96	112.93	-54.22	58.84	-6,066.42	472.09	274.60	197.49	2.390	
14,300.00	7,098.49	13,941.16	6,823.09	115.60	114.58	-54.29	58.72	-6,166.39	472.07	271.61	200.46	2.355	
14,400.00	7,095.44	14,041.16	6,820.56	117.25	116.23	-54.37	58.60	-6,266.35	472.04	268.62	203.42	2.320	
14,500.00	7,092.40	14,141.15	6,818.03	118.91	117.88	-54.44	58.48	-6,366.32	472.02	265.62	206.40	2.287	
14,600.00	7,089.36	14,241.15	6,815.50	120.56	119.54	-54.52	58.37	-6,466.28	472.00	262.62	209.38	2.254	
14,700.00	7,086.32	14,341.15	6,812.97	122.21	121.19	-54.59	58.25	-6,566.25	471.97	259.62	212.36	2.223	
14,800.00	7,083.28	14,441.15	6,810.44	123.86	122.84	-54.66	58.13	-6,666.22	471.95	256.61	215.34	2.192	
14,900.00	7,080.23	14,541.15	6,807.91	125.51	124.50	-54.74	58.01	-6,766.18	471.93	253.60	218.33	2.162	
15,000.00	7,077.19	14,641.15	6,805.38	127.17	126.15	-54.81	57.90	-6,866.15	471.91	250.58	221.33	2.132	
15,100.00	7,074.15	14,741.14	6,802.85	128.82	127.81	-54.89	57.78	-6,966.11	471.89	247.57	224.33	2.104	
15,200.00	7,071.11	14,841.14	6,800.33	130.48	129.46	-54.96	57.66	-7,066.08	471.87	244.55	227.33	2.076	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,300.00	7,068.07	14,941.14	6,797.80	132.13	131.12	-55.04	57.54	-7,166.05	471.86	241.52	230.34	2.049	
15,400.00	7,065.03	15,041.14	6,795.27	133.79	132.78	-55.11	57.43	-7,266.01	471.84	238.49	233.35	2.022	
15,500.00	7,061.98	15,141.14	6,792.74	135.44	134.43	-55.19	57.31	-7,365.98	471.82	235.46	236.36	1.996	
15,600.00	7,058.94	15,241.13	6,790.21	137.10	136.09	-55.26	57.19	-7,465.94	471.81	232.43	239.38	1.971	
15,665.20	7,056.96	15,306.33	6,788.56	138.18	137.17	-55.31	57.12	-7,531.12	471.80	230.45	241.35	1.955 SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-88.96	0.36	-20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	-88.96	0.36	-20.05	20.05	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.31	3.31	-88.96	0.36	-20.05	20.05	12.47	7.57	2.647	
300.00	300.00	300.65	300.63	3.35	3.35	-157.14	0.84	-18.34	18.77	11.11	7.66	2.451	
400.00	399.93	401.23	401.06	3.41	3.42	-156.35	2.25	-13.24	16.97	9.19	7.78	2.182	
500.00	499.68	501.74	501.18	3.50	3.51	-156.50	4.61	-4.75	15.03	7.10	7.93	1.896	
600.00	599.13	602.19	600.87	3.62	3.63	-158.00	7.90	7.11	12.97	4.85	8.12	1.597	
700.00	698.15	702.51	699.94	3.76	3.78	-161.70	12.10	22.28	10.85	2.50	8.35	1.299	Level 3
792.58	789.47	795.08	791.17	3.92	3.96	-168.76	16.30	37.42	10.05	1.42	8.62	1.165	Level 2, CC
800.00	796.71	802.50	798.48	3.94	3.97	-169.88	16.64	38.63	10.48	1.83	8.65	1.212	Level 2
900.00	895.20	902.48	897.02	4.14	4.18	-178.52	21.17	54.98	10.76	1.77	8.99	1.197	Level 2
1,000.00	993.68	1,002.47	995.55	4.37	4.42	173.44	25.71	71.33	11.27	1.88	9.39	1.200	Level 2
1,100.00	1,092.17	1,102.46	1,094.09	4.62	4.67	166.22	30.24	87.68	11.98	2.14	9.84	1.217	Level 2
1,200.00	1,190.66	1,202.45	1,192.63	4.89	4.95	159.90	34.77	104.03	12.85	2.52	10.33	1.244	Level 2
1,300.00	1,289.14	1,302.43	1,291.16	5.17	5.23	154.44	39.31	120.38	13.86	2.99	10.87	1.275	Level 3
1,400.00	1,387.63	1,402.42	1,389.70	5.47	5.53	149.76	43.84	136.73	14.98	3.54	11.45	1.309	Level 3
1,500.00	1,486.12	1,502.41	1,488.24	5.77	5.83	145.76	48.38	153.08	16.19	4.14	12.05	1.344	Level 3
1,600.00	1,584.60	1,602.39	1,586.77	6.09	6.15	142.32	52.91	169.43	17.46	4.79	12.67	1.378	Level 3
1,700.00	1,683.09	1,702.38	1,685.31	6.41	6.47	139.36	57.45	185.78	18.79	5.47	13.32	1.411	Level 3
1,800.00	1,781.58	1,802.37	1,783.85	6.74	6.79	136.79	61.98	202.13	20.16	6.19	13.97	1.443	Level 3
1,900.00	1,880.06	1,902.35	1,882.38	6.92	6.97	134.56	66.51	218.48	21.57	7.60	13.97	1.544	
2,000.00	1,978.55	2,002.34	1,980.92	6.96	7.00	132.60	71.05	234.83	23.00	8.93	14.07	1.635	
2,100.00	2,077.04	2,102.33	2,079.46	7.01	7.06	130.88	75.58	251.18	24.46	10.25	14.21	1.722	
2,200.00	2,175.52	2,202.31	2,177.99	7.08	7.13	129.35	80.12	267.53	25.94	11.57	14.37	1.805	
2,300.00	2,274.01	2,302.30	2,276.53	7.17	7.22	127.98	84.65	283.88	27.44	12.87	14.57	1.884	
2,400.00	2,372.50	2,402.29	2,375.07	7.27	7.32	126.76	89.19	300.23	28.95	14.16	14.78	1.958	
2,500.00	2,470.99	2,502.27	2,473.60	7.38	7.43	125.66	93.72	316.58	30.47	15.44	15.03	2.027	
2,600.00	2,569.47	2,602.26	2,572.14	7.51	7.56	124.66	98.25	332.93	32.00	16.70	15.30	2.091	
2,700.00	2,667.96	2,702.25	2,670.68	7.65	7.70	123.76	102.79	349.28	33.54	17.94	15.60	2.150	
2,800.00	2,766.45	2,802.23	2,769.21	7.81	7.85	122.93	107.32	365.63	35.09	19.17	15.91	2.205	
2,900.00	2,864.93	2,902.22	2,867.75	7.97	8.01	122.17	111.86	381.98	36.64	20.39	16.25	2.254	
3,000.00	2,963.42	3,002.21	2,966.29	8.15	8.18	121.48	116.39	398.33	38.20	21.59	16.61	2.299	
3,100.00	3,061.91	3,102.19	3,064.82	8.33	8.37	120.84	120.92	414.68	39.77	22.77	16.99	2.340	
3,200.00	3,160.39	3,202.18	3,163.36	8.53	8.56	120.25	125.46	431.03	41.34	23.94	17.39	2.377	
3,300.00	3,258.88	3,302.17	3,261.90	8.73	8.76	119.70	129.99	447.38	42.91	25.10	17.81	2.410	
3,400.00	3,357.37	3,402.16	3,360.43	8.94	8.97	119.19	134.53	463.73	44.49	26.25	18.24	2.440	
3,500.00	3,455.85	3,502.14	3,458.97	9.16	9.19	118.72	139.06	480.08	46.07	27.39	18.68	2.466	
3,600.00	3,554.34	3,602.13	3,557.51	9.39	9.41	118.28	143.60	496.43	47.65	28.51	19.14	2.490	
3,700.00	3,652.83	3,702.12	3,656.04	9.62	9.64	117.86	148.13	512.78	49.24	29.63	19.61	2.511	
3,800.00	3,751.31	3,802.10	3,754.58	9.86	9.88	117.48	152.66	529.13	50.83	30.74	20.09	2.530	
3,900.00	3,849.80	3,902.09	3,853.12	10.10	10.12	117.11	157.20	545.48	52.42	31.83	20.59	2.546	
4,000.00	3,948.29	4,002.08	3,951.65	10.35	10.37	116.77	161.73	561.83	54.01	32.92	21.09	2.561	
4,100.00	4,046.77	4,102.06	4,050.19	10.61	10.62	116.44	166.27	578.18	55.61	34.00	21.60	2.574	
4,200.00	4,145.26	4,202.05	4,148.73	10.86	10.87	116.14	170.80	594.53	57.20	35.08	22.12	2.586	
4,300.00	4,243.75	4,302.04	4,247.26	11.13	11.14	115.85	175.34	610.88	58.80	36.15	22.65	2.596	
4,400.00	4,342.23	4,402.02	4,345.80	11.39	11.40	115.58	179.87	627.23	60.40	37.21	23.19	2.604	
4,500.00	4,440.72	4,502.01	4,444.34	11.66	11.67	115.32	184.40	643.58	62.00	38.26	23.74	2.612	
4,600.00	4,539.21	4,602.00	4,542.87	11.94	11.94	115.07	188.94	659.93	63.60	39.32	24.29	2.619	
4,700.00	4,637.70	4,701.98	4,641.41	12.22	12.22	114.84	193.47	676.28	65.21	40.36	24.85	2.624	
4,800.00	4,736.18	4,801.97	4,739.95	12.50	12.49	114.61	198.01	692.63	66.81	41.40	25.41	2.629	
4,900.00	4,834.67	4,901.96	4,838.48	12.78	12.78	114.40	202.54	708.98	68.42	42.44	25.98	2.634	
5,000.00	4,933.16	5,001.94	4,937.02	13.07	13.06	114.20	207.08	725.33	70.02	43.47	26.55	2.637	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,101.93	5,035.56	13.35	13.34	114.01	211.61	741.68	71.63	44.50	27.13	2.640		
5,200.00	5,130.13	5,201.92	5,134.10	13.64	13.63	113.82	216.14	758.03	73.24	45.52	27.71	2.643		
5,300.00	5,228.62	5,301.90	5,232.63	13.94	13.92	113.64	220.68	774.38	74.84	46.55	28.30	2.645		
5,400.00	5,327.10	5,401.89	5,331.17	14.23	14.22	113.47	225.21	790.73	76.45	47.56	28.89	2.646		
5,500.00	5,425.59	5,501.88	5,429.71	14.53	14.51	113.31	229.75	807.08	78.06	48.58	29.48	2.648		
5,600.00	5,524.08	5,601.86	5,528.24	14.83	14.81	113.15	234.28	823.43	79.67	49.59	30.08	2.649		
5,700.00	5,622.56	5,701.85	5,626.78	15.13	15.10	113.00	238.82	839.78	81.28	50.60	30.68	2.649		
5,800.00	5,721.05	5,801.84	5,725.32	15.43	15.40	112.86	243.35	856.13	82.90	51.61	31.29	2.650		
5,900.00	5,819.54	5,901.83	5,823.85	15.73	15.70	112.72	247.88	872.48	84.51	52.61	31.89	2.650		
6,000.00	5,918.02	6,001.81	5,922.39	16.03	16.01	112.59	252.42	888.83	86.12	53.62	32.50	2.650		
6,100.00	6,016.51	6,101.80	6,020.93	16.34	16.31	112.46	256.95	905.18	87.73	54.62	33.12	2.649		
6,200.00	6,115.00	6,201.79	6,119.46	16.65	16.62	112.34	261.49	921.53	89.35	55.62	33.73	2.649		
6,300.00	6,213.48	6,301.77	6,218.00	16.95	16.92	112.22	266.02	937.88	90.96	56.61	34.35	2.648		
6,400.00	6,311.97	6,401.76	6,316.54	17.26	17.23	112.10	270.56	954.23	92.57	57.61	34.97	2.648		
6,500.00	6,410.46	6,501.75	6,415.07	17.57	17.54	111.99	275.09	970.58	94.19	58.60	35.59	2.647		
6,600.00	6,508.95	6,601.31	6,513.59	17.88	17.79	113.68	279.60	983.88	95.92	59.81	36.11	2.656		
6,700.00	6,607.69	6,698.22	6,610.31	18.17	17.94	137.54	283.93	982.99	99.58	63.33	36.25	2.747		
6,800.00	6,707.39	6,792.53	6,703.24	18.34	18.03	-111.66	288.00	968.05	105.98	69.95	36.03	2.942		
6,900.00	6,805.96	6,884.76	6,791.04	18.45	18.06	-78.62	291.74	940.30	114.14	78.55	35.59	3.207		
7,000.00	6,900.99	6,975.20	6,872.36	18.49	18.06	-66.93	295.12	901.05	123.10	88.10	35.00	3.517		
7,100.00	6,990.14	7,064.12	6,946.13	18.49	18.04	-60.04	298.08	851.61	132.08	97.74	34.33	3.847		
7,200.00	7,071.20	7,151.79	7,011.42	18.47	18.03	-55.45	300.60	793.27	140.45	106.77	33.68	4.170		
7,300.00	7,142.19	7,238.46	7,067.51	18.46	18.04	-52.31	302.66	727.31	147.77	114.62	33.15	4.458		
7,400.00	7,201.35	7,324.38	7,113.77	18.48	18.09	-50.25	304.23	655.01	153.71	120.87	32.84	4.681		
7,500.00	7,247.23	7,409.76	7,149.71	18.58	18.21	-49.05	305.30	577.63	158.03	125.22	32.82	4.815		
7,600.00	7,278.70	7,494.85	7,174.92	18.78	18.40	-48.59	305.86	496.43	160.61	127.48	33.13	4.848		
7,700.00	7,294.98	7,579.87	7,189.09	19.08	18.66	-48.81	305.91	412.67	161.39	127.61	33.78	4.778		
7,785.78	7,298.03	7,652.86	7,192.27	19.42	18.94	-49.13	305.54	339.78	161.68	127.17	34.51	4.685		
7,800.00	7,296.21	7,665.13	7,191.98	19.48	18.99	-49.54	305.44	327.52	160.75	126.06	34.69	4.634		
7,900.00	7,293.16	7,765.13	7,188.80	20.02	19.51	-49.74	304.60	227.58	161.65	126.11	35.54	4.548		
8,000.00	7,290.12	7,865.12	7,185.62	20.67	20.15	-49.95	303.76	127.64	162.55	125.97	36.58	4.444		
8,100.00	7,287.08	7,965.12	7,182.44	21.44	20.90	-50.15	302.92	27.70	163.45	125.64	37.80	4.323		
8,200.00	7,284.04	8,065.11	7,179.26	22.31	21.75	-50.35	302.08	-72.24	164.35	125.15	39.20	4.193		
8,300.00	7,281.00	8,165.10	7,176.08	23.26	22.69	-50.55	301.24	-172.18	165.26	124.51	40.75	4.055		
8,400.00	7,277.95	8,265.10	7,172.91	24.29	23.71	-50.74	300.40	-272.12	166.17	123.73	42.44	3.915		
8,500.00	7,274.91	8,365.09	7,169.73	25.39	24.80	-50.94	299.56	-372.06	167.08	122.82	44.26	3.775		
8,600.00	7,271.87	8,465.09	7,166.55	26.55	25.95	-51.13	298.72	-472.00	167.99	121.81	46.18	3.637		
8,700.00	7,268.83	8,565.08	7,163.37	27.76	27.16	-51.32	297.88	-571.94	168.90	120.69	48.21	3.504		
8,800.00	7,265.79	8,665.08	7,160.19	29.01	28.41	-51.51	297.03	-671.88	169.82	119.49	50.32	3.375		
8,900.00	7,262.75	8,765.07	7,157.01	30.31	29.71	-51.69	296.19	-771.82	170.74	118.22	52.52	3.251		
9,000.00	7,259.70	8,865.06	7,153.83	31.64	31.04	-51.88	295.35	-871.76	171.65	116.87	54.78	3.133		
9,100.00	7,256.66	8,965.06	7,150.65	33.00	32.40	-52.06	294.51	-971.70	172.58	115.47	57.11	3.022		
9,200.00	7,253.62	9,065.05	7,147.47	34.38	33.79	-52.24	293.67	-1,071.64	173.50	114.00	59.49	2.916		
9,300.00	7,250.58	9,165.05	7,144.29	35.80	35.20	-52.41	292.83	-1,171.58	174.42	112.49	61.93	2.816		
9,400.00	7,247.54	9,265.04	7,141.11	37.23	36.64	-52.59	291.99	-1,271.53	175.35	110.94	64.41	2.722		
9,500.00	7,244.49	9,365.03	7,137.93	38.68	38.09	-52.76	291.15	-1,371.47	176.28	109.34	66.94	2.633		
9,600.00	7,241.45	9,465.03	7,134.75	40.15	39.56	-52.94	290.31	-1,471.41	177.20	107.71	69.50	2.550		
9,700.00	7,238.41	9,565.02	7,131.57	41.64	41.05	-53.11	289.46	-1,571.35	178.14	106.04	72.10	2.471		
9,800.00	7,235.37	9,665.02	7,128.40	43.14	42.55	-53.27	288.62	-1,671.29	179.07	104.34	74.73	2.396		
9,900.00	7,232.33	9,765.01	7,125.22	44.65	44.06	-53.44	287.78	-1,771.23	180.00	102.62	77.38	2.326		
10,000.00	7,229.28	9,865.01	7,122.04	46.17	45.58	-53.61	286.94	-1,871.17	180.94	100.87	80.07	2.260		
10,100.00	7,226.24	9,965.00	7,118.86	47.70	47.12	-53.77	286.10	-1,971.11	181.87	99.09	82.78	2.197		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,223.20	10,064.99	7,115.68	49.24	48.66	-53.93	285.26	-2,071.05	182.81	97.30	85.51	2.138	
10,300.00	7,220.16	10,164.99	7,112.50	50.79	50.21	-54.09	284.42	-2,170.99	183.75	95.48	88.27	2.082	
10,400.00	7,217.12	10,264.98	7,109.32	52.35	51.77	-54.25	283.58	-2,270.93	184.69	93.65	91.04	2.029	
10,500.00	7,214.08	10,364.98	7,106.14	53.91	53.34	-54.41	282.74	-2,370.87	185.64	91.80	93.84	1.978	
10,600.00	7,211.03	10,464.97	7,102.96	55.48	54.91	-54.56	281.90	-2,470.81	186.58	89.93	96.65	1.931	
10,700.00	7,207.99	10,564.97	7,099.78	57.06	56.48	-54.72	281.05	-2,570.75	187.52	88.05	99.47	1.885	
10,800.00	7,204.95	10,664.96	7,096.60	58.64	58.07	-54.87	280.21	-2,670.69	188.47	86.15	102.32	1.842	
10,900.00	7,201.91	10,764.95	7,093.42	60.22	59.65	-55.02	279.37	-2,770.63	189.42	84.24	105.18	1.801	
11,000.00	7,198.87	10,864.95	7,090.24	61.82	61.25	-55.17	278.53	-2,870.57	190.37	82.32	108.05	1.762	
11,100.00	7,195.82	10,964.94	7,087.06	63.41	62.84	-55.32	277.69	-2,970.51	191.32	80.39	110.93	1.725	
11,200.00	7,192.78	11,064.94	7,083.89	65.01	64.44	-55.46	276.85	-3,070.45	192.27	78.44	113.83	1.689	
11,300.00	7,189.74	11,164.93	7,080.71	66.61	66.04	-55.61	276.01	-3,170.39	193.22	76.49	116.74	1.655	
11,400.00	7,186.70	11,264.93	7,077.53	68.22	67.65	-55.75	275.17	-3,270.33	194.18	74.52	119.66	1.623	
11,500.00	7,183.66	11,364.92	7,074.35	69.83	69.26	-55.89	274.33	-3,370.27	195.13	72.55	122.59	1.592	
11,600.00	7,180.62	11,464.91	7,071.17	71.44	70.87	-56.03	273.48	-3,470.21	196.09	70.56	125.53	1.562	
11,700.00	7,177.57	11,564.91	7,067.99	73.05	72.49	-56.17	272.64	-3,570.15	197.05	68.57	128.48	1.534	
11,800.00	7,174.53	11,664.90	7,064.81	74.67	74.10	-56.31	271.80	-3,670.09	198.01	66.57	131.44	1.506	
11,900.00	7,171.49	11,764.90	7,061.63	76.29	75.72	-56.45	270.96	-3,770.03	198.97	64.56	134.41	1.480 Level 3	
12,000.00	7,168.45	11,864.89	7,058.45	77.91	77.35	-56.58	270.12	-3,869.97	199.93	62.54	137.38	1.455 Level 3	
12,100.00	7,165.41	11,964.89	7,055.27	79.53	78.97	-56.71	269.28	-3,969.91	200.89	60.52	140.37	1.431 Level 3	
12,200.00	7,162.36	12,064.88	7,052.09	81.16	80.60	-56.85	268.44	-4,069.85	201.85	58.49	143.36	1.408 Level 3	
12,300.00	7,159.32	12,164.87	7,048.91	82.79	82.22	-56.98	267.60	-4,169.79	202.82	56.45	146.36	1.386 Level 3	
12,400.00	7,156.28	12,264.87	7,045.73	84.42	83.85	-57.11	266.76	-4,269.73	203.78	54.41	149.37	1.364 Level 3	
12,500.00	7,153.24	12,364.86	7,042.55	86.05	85.48	-57.24	265.92	-4,369.67	204.75	52.36	152.39	1.344 Level 3	
12,600.00	7,150.20	12,464.86	7,039.37	87.68	87.12	-57.37	265.07	-4,469.61	205.72	50.31	155.41	1.324 Level 3	
12,700.00	7,147.16	12,564.85	7,036.20	89.31	88.75	-57.49	264.23	-4,569.55	206.69	48.25	158.44	1.305 Level 3	
12,800.00	7,144.11	12,664.85	7,033.02	90.95	90.39	-57.62	263.39	-4,669.49	207.66	46.18	161.47	1.286 Level 3	
12,900.00	7,141.07	12,764.84	7,029.84	92.58	92.02	-57.74	262.55	-4,769.43	208.63	44.11	164.51	1.268 Level 3	
13,000.00	7,138.03	12,864.83	7,026.66	94.22	93.66	-57.86	261.71	-4,869.37	209.60	42.04	167.56	1.251 Level 3	
13,100.00	7,134.99	12,964.83	7,023.48	95.86	95.30	-57.99	260.87	-4,969.31	210.57	39.96	170.61	1.234 Level 2	
13,200.00	7,131.95	13,064.82	7,020.30	97.50	96.94	-58.11	260.03	-5,069.25	211.54	37.87	173.67	1.218 Level 2	
13,300.00	7,128.90	13,164.82	7,017.12	99.14	98.58	-58.23	259.19	-5,169.19	212.52	35.78	176.74	1.202 Level 2	
13,400.00	7,125.86	13,264.81	7,013.94	100.79	100.22	-58.34	258.35	-5,269.13	213.49	33.69	179.81	1.187 Level 2	
13,500.00	7,122.82	13,364.81	7,010.76	102.43	101.87	-58.46	257.50	-5,369.07	214.47	31.59	182.88	1.173 Level 2	
13,600.00	7,119.78	13,464.80	7,007.58	104.07	103.51	-58.58	256.66	-5,469.01	215.45	29.49	185.96	1.159 Level 2	
13,700.00	7,116.74	13,564.79	7,004.40	105.72	105.15	-58.69	255.82	-5,568.95	216.42	27.38	189.04	1.145 Level 2	
13,800.00	7,113.69	13,664.79	7,001.22	107.36	106.80	-58.81	254.98	-5,668.89	217.40	25.27	192.13	1.132 Level 2	
13,900.00	7,110.65	13,764.78	6,998.04	109.01	108.45	-58.92	254.14	-5,768.83	218.38	23.16	195.23	1.119 Level 2	
14,000.00	7,107.61	13,864.78	6,994.86	110.66	110.09	-59.03	253.30	-5,868.77	219.36	21.04	198.32	1.106 Level 2	
14,100.00	7,104.57	13,964.77	6,991.69	112.31	111.74	-59.14	252.46	-5,968.71	220.34	18.92	201.42	1.094 Level 2	
14,200.00	7,101.53	14,064.77	6,988.51	113.96	113.39	-59.26	251.62	-6,068.65	221.33	16.80	204.53	1.082 Level 2	
14,300.00	7,098.49	14,164.76	6,985.33	115.60	115.04	-59.36	250.78	-6,168.59	222.31	14.67	207.64	1.071 Level 2	
14,400.00	7,095.44	14,264.75	6,982.15	117.25	116.69	-59.47	249.94	-6,268.53	223.29	12.54	210.76	1.059 Level 2	
14,500.00	7,092.40	14,364.75	6,978.97	118.91	118.34	-59.58	249.09	-6,368.47	224.28	10.40	213.87	1.049 Level 2	
14,600.00	7,089.36	14,464.74	6,975.79	120.56	119.99	-59.69	248.25	-6,468.41	225.26	8.27	217.00	1.038 Level 2	
14,700.00	7,086.32	14,564.74	6,972.61	122.21	121.64	-59.79	247.41	-6,568.35	226.25	6.13	220.12	1.028 Level 2	
14,800.00	7,083.28	14,664.73	6,969.43	123.86	123.29	-59.90	246.57	-6,668.29	227.24	3.99	223.25	1.018 Level 2	
14,900.00	7,080.23	14,764.73	6,966.25	125.51	124.94	-60.00	245.73	-6,768.24	228.22	1.84	226.38	1.008 Level 2	
15,000.00	7,077.19	14,864.72	6,963.07	127.17	126.60	-60.10	244.89	-6,868.18	229.21	-0.31	229.52	0.999 Level 1	
15,100.00	7,074.15	14,964.71	6,959.89	128.82	128.25	-60.21	244.05	-6,968.12	230.20	-2.46	232.66	0.989 Level 1	
15,200.00	7,071.11	15,064.71	6,956.71	130.48	129.90	-60.31	243.21	-7,068.06	231.19	-4.61	235.80	0.980 Level 1	
15,300.00	7,068.07	15,164.70	6,953.53	132.13	131.56	-60.41	242.37	-7,168.00	232.18	-6.76	238.95	0.972 Level 1	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	7,065.03	15,264.70	6,950.35	133.79	133.21	-60.51	241.52	-7,267.94	233.17	-8.92	242.09	0.963	Level 1
15,500.00	7,061.98	15,364.69	6,947.18	135.44	134.87	-60.60	240.68	-7,367.88	234.16	-11.08	245.25	0.955	Level 1
15,600.00	7,058.94	15,464.69	6,944.00	137.10	136.52	-60.70	239.84	-7,467.82	235.16	-13.24	248.40	0.947	Level 1
15,665.20	7,056.96	15,529.88	6,941.92	138.18	137.60	-60.76	239.29	-7,532.97	235.80	-14.65	250.46	0.941	Level 1, ES, SF

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.55	1.09	-140.04	140.04				
100.00	100.00	100.00	100.00	3.28	3.28	-89.55	1.09	-140.04	140.04	132.52	7.53	18.601	
200.00	200.00	200.00	200.00	3.31	3.31	-89.55	1.09	-140.04	140.04	132.47	7.57	18.490 CC	
200.35	200.35	200.35	200.35	3.31	3.31	-89.55	1.09	-140.04	140.04	132.47	7.57	18.490	
300.00	300.00	302.14	302.14	3.35	3.35	-158.93	0.83	-139.64	140.07	132.41	7.66	18.284 ES	
400.00	399.93	406.34	406.26	3.41	3.41	-160.31	-1.24	-136.47	140.31	132.53	7.78	18.037	
500.00	499.68	510.28	509.92	3.50	3.50	-163.02	-5.38	-130.15	141.02	133.08	7.94	17.763	
600.00	599.13	613.80	612.83	3.62	3.62	-167.01	-11.54	-120.74	142.65	134.51	8.15	17.510	
700.00	698.15	716.75	714.68	3.76	3.77	-172.09	-19.68	-108.29	145.83	137.42	8.41	17.340	
800.00	796.71	818.99	815.25	3.94	3.96	-178.03	-29.75	-92.91	150.84	142.10	8.74	17.259	
900.00	895.20	917.53	911.87	4.14	4.19	176.13	-40.38	-76.66	156.76	147.62	9.15	17.141	
1,000.00	993.68	1,016.10	1,008.50	4.37	4.45	170.77	-51.02	-60.40	164.22	154.61	9.60	17.100	
1,100.00	1,092.17	1,114.66	1,105.12	4.62	4.73	165.89	-61.66	-44.14	173.00	162.90	10.11	17.119	
1,200.00	1,190.66	1,213.22	1,201.75	4.89	5.02	161.51	-72.30	-27.88	182.93	172.28	10.65	17.179	
1,300.00	1,289.14	1,311.78	1,298.38	5.17	5.34	157.59	-82.94	-11.62	193.82	182.60	11.22	17.270	
1,400.00	1,387.63	1,410.35	1,395.01	5.47	5.67	154.10	-93.58	4.64	205.53	193.71	11.82	17.382	
1,500.00	1,486.12	1,508.91	1,491.64	5.77	6.01	150.98	-104.22	20.90	217.92	205.47	12.45	17.506	
1,600.00	1,584.60	1,607.47	1,588.27	6.09	6.36	148.21	-114.86	37.16	230.88	217.79	13.09	17.638	
1,700.00	1,683.09	1,706.04	1,684.89	6.41	6.71	145.73	-125.50	53.42	244.32	230.58	13.75	17.773	
1,800.00	1,781.58	1,804.60	1,781.52	6.74	7.07	143.51	-136.14	69.67	258.17	243.76	14.41	17.918	
1,900.00	1,880.06	1,903.16	1,878.15	6.92	7.27	141.52	-146.78	85.93	272.36	257.96	14.40	18.909	
2,000.00	1,978.55	2,001.72	1,974.78	6.96	7.31	139.72	-157.42	102.19	286.85	272.36	14.49	19.803	
2,100.00	2,077.04	2,100.29	2,071.41	7.01	7.38	138.10	-168.06	118.45	301.58	286.98	14.60	20.651	
2,200.00	2,175.52	2,201.15	2,168.04	7.08	7.46	136.63	-178.70	134.71	316.53	301.78	14.75	21.453	
2,300.00	2,274.01	2,302.59	2,264.66	7.17	7.56	135.29	-189.34	150.97	331.67	316.73	14.94	22.204	
2,400.00	2,372.50	2,404.03	2,361.29	7.27	7.68	134.07	-199.98	167.23	346.97	331.82	15.15	22.902	
2,500.00	2,470.99	2,505.46	2,457.92	7.38	7.81	132.96	-210.62	183.49	362.41	347.02	15.39	23.545	
2,600.00	2,569.47	2,606.90	2,554.55	7.51	7.96	131.93	-221.26	199.75	377.98	362.32	15.66	24.134	
2,700.00	2,667.96	2,708.34	2,651.18	7.65	8.12	130.98	-231.90	216.01	393.66	377.70	15.96	24.670	
2,800.00	2,766.45	2,809.78	2,747.81	7.81	8.30	130.11	-242.54	232.27	409.43	393.15	16.28	25.154	
2,900.00	2,864.93	2,888.79	2,844.43	7.97	8.45	129.30	-253.18	248.52	425.29	408.71	16.58	25.653	
3,000.00	2,963.42	2,987.35	2,941.06	8.15	8.64	128.55	-263.82	264.78	441.22	424.29	16.94	26.053	
3,100.00	3,061.91	3,085.91	3,037.69	8.33	8.84	127.85	-274.46	281.04	457.23	439.91	17.31	26.410	
3,200.00	3,160.39	3,184.48	3,134.32	8.53	9.06	127.20	-285.10	297.30	473.29	455.58	17.71	26.727	
3,300.00	3,258.88	3,283.04	3,230.95	8.73	9.28	126.59	-295.74	313.56	489.41	471.29	18.12	27.008	
3,400.00	3,357.37	3,381.60	3,327.58	8.94	9.51	126.03	-306.38	329.82	505.59	487.03	18.55	27.254	
3,500.00	3,455.85	3,480.16	3,424.20	9.16	9.75	125.49	-317.02	346.08	521.80	502.81	19.00	27.470	
3,600.00	3,554.34	3,578.73	3,520.83	9.39	9.99	124.99	-327.66	362.34	538.06	518.61	19.45	27.659	
3,700.00	3,652.83	3,677.29	3,617.46	9.62	10.25	124.52	-338.30	378.60	554.36	534.43	19.93	27.822	
3,800.00	3,751.31	3,775.85	3,714.09	9.86	10.51	124.07	-348.94	394.86	570.69	550.28	20.41	27.963	
3,900.00	3,849.80	3,874.41	3,810.72	10.10	10.77	123.65	-359.58	411.12	587.06	566.15	20.90	28.084	
4,000.00	3,948.29	3,972.98	3,907.35	10.35	11.05	123.25	-370.22	427.38	603.45	582.04	21.41	28.187	
4,100.00	4,046.77	4,071.54	4,003.97	10.61	11.32	122.87	-380.86	443.63	619.87	597.95	21.92	28.274	
4,200.00	4,145.26	4,170.10	4,100.60	10.86	11.60	122.52	-391.50	459.89	636.31	613.87	22.45	28.347	
4,300.00	4,243.75	4,268.67	4,197.23	11.13	11.89	122.18	-402.14	476.15	652.78	629.80	22.98	28.407	
4,400.00	4,342.23	4,367.23	4,293.86	11.39	12.18	121.85	-412.78	492.41	669.27	645.75	23.52	28.456	
4,500.00	4,440.72	4,465.79	4,390.49	11.66	12.47	121.55	-423.42	508.67	685.78	661.71	24.07	28.494	
4,600.00	4,539.21	4,564.35	4,487.12	11.94	12.77	121.25	-434.06	524.93	702.31	677.68	24.62	28.525	
4,700.00	4,637.70	4,662.92	4,583.74	12.22	13.07	120.98	-444.70	541.19	718.85	693.67	25.18	28.547	
4,800.00	4,736.18	4,761.48	4,680.37	12.50	13.37	120.71	-455.34	557.45	735.41	709.66	25.75	28.562	
4,900.00	4,834.67	4,860.04	4,777.00	12.78	13.68	120.45	-465.98	573.71	751.98	725.67	26.32	28.571	
5,000.00	4,933.16	4,958.60	4,873.63	13.07	13.99	120.21	-476.62	589.97	768.57	741.68	26.90	28.575	

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,057.17	4,970.26	13.35	14.30	119.98	-487.26	606.23	785.18	757.70	27.48	28.575	
5,200.00	5,130.13	5,155.73	5,066.89	13.64	14.61	119.75	-497.90	622.49	801.79	773.72	28.06	28.570	
5,300.00	5,228.62	5,254.29	5,163.51	13.94	14.93	119.54	-508.54	638.74	818.41	789.76	28.65	28.561	
5,400.00	5,327.10	5,352.85	5,260.14	14.23	15.25	119.33	-519.18	655.00	835.05	805.80	29.25	28.550	
5,500.00	5,425.59	5,451.42	5,356.77	14.53	15.57	119.13	-529.81	671.26	851.70	821.85	29.85	28.535	
5,600.00	5,524.08	5,549.98	5,453.40	14.83	15.89	118.94	-540.45	687.52	868.35	837.90	30.45	28.518	
5,700.00	5,622.56	5,648.54	5,550.03	15.13	16.21	118.76	-551.09	703.78	885.02	853.96	31.05	28.500	
5,800.00	5,721.05	5,747.11	5,646.66	15.43	16.54	118.58	-561.73	720.04	901.69	870.03	31.66	28.479	
5,900.00	5,819.54	5,845.67	5,743.28	15.73	16.86	118.41	-572.37	736.30	918.37	886.10	32.27	28.457	
6,000.00	5,918.02	5,944.23	5,839.91	16.03	17.19	118.24	-583.01	752.56	935.06	902.17	32.89	28.433	
6,100.00	6,016.51	6,042.79	5,936.54	16.34	17.52	118.09	-593.65	768.82	951.76	918.25	33.50	28.408	
6,200.00	6,115.00	6,141.36	6,033.17	16.65	17.85	117.93	-604.29	785.08	968.46	934.34	34.12	28.383	
6,300.00	6,213.48	6,239.92	6,129.80	16.95	18.18	117.79	-614.93	801.34	985.17	950.43	34.74	28.356	
6,400.00	6,311.97	6,338.48	6,226.43	17.26	18.52	117.64	-625.57	817.59	1,001.89	966.52	35.37	28.329	
6,500.00	6,410.46	6,437.04	6,323.05	17.57	18.85	117.50	-636.21	833.85	1,018.61	982.62	35.99	28.301	
6,600.00	6,508.95	6,535.61	6,419.68	17.88	19.18	117.37	-646.85	850.11	1,035.34	998.72	36.62	28.273	
6,700.00	6,607.69	6,634.11	6,516.25	18.17	19.52	133.02	-657.49	866.36	1,051.87	1,014.65	37.22	28.262	
6,800.00	6,707.39	6,724.70	6,605.18	18.34	19.80	-124.33	-667.28	880.51	1,067.11	1,029.49	37.62	28.367	
6,900.00	6,805.96	6,805.66	6,685.49	18.45	19.95	-98.07	-676.20	884.71	1,082.01	1,044.19	37.82	28.609	
7,000.00	6,900.99	6,888.47	6,767.49	18.49	20.06	-91.80	-685.37	878.38	1,096.66	1,058.74	37.92	28.920	
7,100.00	6,990.14	6,973.63	6,850.21	18.49	20.13	-89.16	-694.71	860.75	1,110.83	1,072.88	37.94	29.277	
7,200.00	7,071.20	7,061.72	6,932.52	18.47	20.16	-87.88	-704.09	831.02	1,124.30	1,086.39	37.91	29.654	
7,300.00	7,142.19	7,153.37	7,012.96	18.46	20.16	-87.32	-713.36	788.26	1,136.85	1,098.98	37.87	30.016	
7,400.00	7,201.35	7,249.33	7,089.72	18.48	20.13	-87.25	-722.33	731.53	1,148.26	1,110.39	37.87	30.322	
7,500.00	7,247.23	7,350.35	7,160.41	18.58	20.07	-87.55	-730.72	660.00	1,158.25	1,120.30	37.95	30.519	
7,600.00	7,278.70	7,457.22	7,221.95	18.78	20.01	-88.16	-738.21	573.10	1,166.55	1,128.37	38.18	30.553	
7,700.00	7,294.98	7,570.65	7,270.49	19.08	19.97	-89.05	-744.36	470.93	1,172.86	1,134.23	38.62	30.368	
7,800.00	7,296.21	7,691.24	7,301.49	19.48	19.98	-90.21	-748.67	354.67	1,176.85	1,137.54	39.30	29.942	
7,900.00	7,293.16	7,819.62	7,309.95	20.02	20.12	-90.81	-750.54	226.80	1,178.64	1,138.33	40.31	29.242	
8,000.00	7,290.12	7,919.26	7,306.79	20.67	20.41	-90.80	-750.92	127.21	1,179.24	1,137.81	41.43	28.466	
8,100.00	7,287.08	8,019.25	7,303.62	21.44	20.88	-90.79	-751.30	27.26	1,179.83	1,137.06	42.77	27.583	
8,200.00	7,284.04	8,119.25	7,300.44	22.31	21.53	-90.79	-751.68	-72.69	1,180.43	1,136.10	44.34	26.625	
8,300.00	7,281.00	8,219.25	7,297.27	23.26	22.31	-90.78	-752.06	-172.63	1,181.03	1,134.94	46.09	25.625	
8,400.00	7,277.95	8,319.25	7,294.10	24.29	23.21	-90.77	-752.44	-272.58	1,181.63	1,133.61	48.01	24.610	
8,500.00	7,274.91	8,419.25	7,290.93	25.39	24.20	-90.77	-752.82	-372.53	1,182.22	1,132.13	50.09	23.602	
8,600.00	7,271.87	8,519.24	7,287.75	26.55	25.26	-90.76	-753.20	-472.47	1,182.82	1,130.52	52.30	22.616	
8,700.00	7,268.83	8,619.24	7,284.58	27.76	26.39	-90.75	-753.58	-572.42	1,183.42	1,128.79	54.63	21.664	
8,800.00	7,265.79	8,719.24	7,281.41	29.01	27.58	-90.75	-753.95	-672.37	1,184.02	1,126.96	57.06	20.752	
8,900.00	7,262.75	8,819.24	7,278.23	30.31	28.81	-90.74	-754.33	-772.32	1,184.61	1,125.04	59.57	19.885	
9,000.00	7,259.70	8,919.24	7,275.06	31.64	30.09	-90.73	-754.71	-872.26	1,185.21	1,123.04	62.17	19.064	
9,100.00	7,256.66	9,019.24	7,271.89	33.00	31.40	-90.73	-755.09	-972.21	1,185.81	1,120.97	64.84	18.289	
9,200.00	7,253.62	9,119.23	7,268.72	34.38	32.74	-90.72	-755.47	-1,072.16	1,186.41	1,118.84	67.56	17.559	
9,300.00	7,250.58	9,219.23	7,265.54	35.80	34.12	-90.71	-755.85	-1,172.10	1,187.00	1,116.66	70.35	16.874	
9,400.00	7,247.54	9,319.23	7,262.37	37.23	35.52	-90.71	-756.23	-1,272.05	1,187.60	1,114.43	73.18	16.230	
9,500.00	7,244.49	9,419.23	7,259.20	38.68	36.94	-90.70	-756.61	-1,372.00	1,188.20	1,112.15	76.05	15.625	
9,600.00	7,241.45	9,519.23	7,256.03	40.15	38.38	-90.69	-756.99	-1,471.94	1,188.80	1,109.84	78.96	15.057	
9,700.00	7,238.41	9,619.22	7,252.85	41.64	39.83	-90.69	-757.37	-1,571.89	1,189.39	1,107.50	81.90	14.523	
9,800.00	7,235.37	9,719.22	7,249.68	43.14	41.31	-90.68	-757.74	-1,671.84	1,189.99	1,105.12	84.87	14.021	
9,900.00	7,232.33	9,819.22	7,246.51	44.65	42.80	-90.67	-758.12	-1,771.79	1,190.59	1,102.72	87.87	13.550	
10,000.00	7,229.28	9,919.22	7,243.34	46.17	44.30	-90.67	-758.50	-1,871.73	1,191.19	1,100.29	90.89	13.105	
10,100.00	7,226.24	10,019.22	7,240.16	47.70	45.81	-90.66	-758.88	-1,971.68	1,191.78	1,097.85	93.94	12.687	
10,200.00	7,223.20	10,119.21	7,236.99	49.24	47.33	-90.65	-759.26	-2,071.63	1,192.38	1,095.38	97.00	12.292	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,220.16	10,219.21	7,233.82	50.79	48.87	-90.65	-759.64	-2,171.57	1,192.98	1,092.89	100.09	11.919	
10,400.00	7,217.12	10,319.21	7,230.65	52.35	50.41	-90.64	-760.02	-2,271.52	1,193.58	1,090.39	103.19	11.567	
10,500.00	7,214.08	10,419.21	7,227.47	53.91	51.96	-90.63	-760.40	-2,371.47	1,194.17	1,087.87	106.30	11.234	
10,600.00	7,211.03	10,519.21	7,224.30	55.48	53.51	-90.63	-760.78	-2,471.42	1,194.77	1,085.34	109.43	10.918	
10,700.00	7,207.99	10,619.21	7,221.13	57.06	55.08	-90.62	-761.16	-2,571.36	1,195.37	1,082.80	112.57	10.619	
10,800.00	7,204.95	10,719.20	7,217.95	58.64	56.65	-90.61	-761.53	-2,671.31	1,195.97	1,080.25	115.72	10.335	
10,900.00	7,201.91	10,819.20	7,214.78	60.22	58.22	-90.61	-761.91	-2,771.26	1,196.56	1,077.68	118.88	10.065	
11,000.00	7,198.87	10,919.20	7,211.61	61.82	59.80	-90.60	-762.29	-2,871.20	1,197.16	1,075.11	122.06	9.808	
11,100.00	7,195.82	11,019.20	7,208.44	63.41	61.39	-90.59	-762.67	-2,971.15	1,197.76	1,072.52	125.24	9.564	
11,200.00	7,192.78	11,119.20	7,205.26	65.01	62.97	-90.59	-763.05	-3,071.10	1,198.36	1,069.93	128.43	9.331	
11,300.00	7,189.74	11,219.19	7,202.09	66.61	64.57	-90.58	-763.43	-3,171.04	1,198.96	1,067.33	131.63	9.109	
11,400.00	7,186.70	11,319.19	7,198.92	68.22	66.17	-90.57	-763.81	-3,270.99	1,199.55	1,064.72	134.83	8.897	
11,500.00	7,183.66	11,419.19	7,195.75	69.83	67.77	-90.57	-764.19	-3,370.94	1,200.15	1,062.11	138.04	8.694	
11,600.00	7,180.62	11,519.19	7,192.57	71.44	69.37	-90.56	-764.57	-3,470.89	1,200.75	1,059.49	141.26	8.500	
11,700.00	7,177.57	11,619.19	7,189.40	73.05	70.98	-90.55	-764.95	-3,570.83	1,201.35	1,056.87	144.48	8.315	
11,800.00	7,174.53	11,719.18	7,186.23	74.67	72.59	-90.55	-765.32	-3,670.78	1,201.94	1,054.23	147.71	8.137	
11,900.00	7,171.49	11,819.18	7,183.06	76.29	74.20	-90.54	-765.70	-3,770.73	1,202.54	1,051.60	150.94	7.967	
12,000.00	7,168.45	11,919.18	7,179.88	77.91	75.81	-90.53	-766.08	-3,870.67	1,203.14	1,048.96	154.18	7.803	
12,100.00	7,165.41	12,019.18	7,176.71	79.53	77.43	-90.53	-766.46	-3,970.62	1,203.74	1,046.31	157.43	7.646	
12,200.00	7,162.36	12,119.18	7,173.54	81.16	79.05	-90.52	-766.84	-4,070.57	1,204.34	1,043.66	160.67	7.496	
12,300.00	7,159.32	12,219.18	7,170.37	82.79	80.67	-90.51	-767.22	-4,170.52	1,204.93	1,041.01	163.92	7.351	
12,400.00	7,156.28	12,319.17	7,167.19	84.42	82.30	-90.51	-767.60	-4,270.46	1,205.53	1,038.35	167.18	7.211	
12,500.00	7,153.24	12,419.17	7,164.02	86.05	83.92	-90.50	-767.98	-4,370.41	1,206.13	1,035.69	170.44	7.077	
12,600.00	7,150.20	12,519.17	7,160.85	87.68	85.55	-90.50	-768.36	-4,470.36	1,206.73	1,033.03	173.70	6.947	
12,700.00	7,147.16	12,619.17	7,157.67	89.31	87.18	-90.49	-768.74	-4,570.30	1,207.33	1,030.36	176.96	6.823	
12,800.00	7,144.11	12,719.17	7,154.50	90.95	88.81	-90.48	-769.11	-4,670.25	1,207.92	1,027.70	180.23	6.702	
12,900.00	7,141.07	12,819.16	7,151.33	92.58	90.44	-90.48	-769.49	-4,770.20	1,208.52	1,025.02	183.50	6.586	
13,000.00	7,138.03	12,919.16	7,148.16	94.22	92.08	-90.47	-769.87	-4,870.14	1,209.12	1,022.35	186.77	6.474	
13,100.00	7,134.99	13,019.16	7,144.98	95.86	93.71	-90.46	-770.25	-4,970.09	1,209.72	1,019.67	190.05	6.365	
13,200.00	7,131.95	13,119.16	7,141.81	97.50	95.35	-90.46	-770.63	-5,070.04	1,210.32	1,016.99	193.32	6.261	
13,300.00	7,128.90	13,219.16	7,138.64	99.14	96.98	-90.45	-771.01	-5,169.99	1,210.91	1,014.31	196.60	6.159	
13,400.00	7,125.86	13,319.15	7,135.47	100.79	98.62	-90.44	-771.39	-5,269.93	1,211.51	1,011.63	199.89	6.061	
13,500.00	7,122.82	13,419.15	7,132.29	102.43	100.26	-90.44	-771.77	-5,369.88	1,212.11	1,008.94	203.17	5.966	
13,600.00	7,119.78	13,519.15	7,129.12	104.07	101.90	-90.43	-772.15	-5,469.83	1,212.71	1,006.25	206.46	5.874	
13,700.00	7,116.74	13,619.15	7,125.95	105.72	103.54	-90.42	-772.53	-5,569.77	1,213.31	1,003.56	209.74	5.785	
13,800.00	7,113.69	13,719.15	7,122.78	107.36	105.19	-90.42	-772.90	-5,669.72	1,213.90	1,000.87	213.03	5.698	
13,900.00	7,110.65	13,819.15	7,119.60	109.01	106.83	-90.41	-773.28	-5,769.67	1,214.50	998.18	216.32	5.614	
14,000.00	7,107.61	13,919.14	7,116.43	110.66	108.47	-90.41	-773.66	-5,869.62	1,215.10	995.48	219.62	5.533	
14,100.00	7,104.57	14,019.14	7,113.26	112.31	110.12	-90.40	-774.04	-5,969.56	1,215.70	992.79	222.91	5.454	
14,200.00	7,101.53	14,119.14	7,110.09	113.96	111.76	-90.39	-774.42	-6,069.51	1,216.30	990.09	226.21	5.377	
14,300.00	7,098.49	14,219.14	7,106.91	115.60	113.41	-90.39	-774.80	-6,169.46	1,216.90	987.39	229.50	5.302	
14,400.00	7,095.44	14,319.14	7,103.74	117.25	115.06	-90.38	-775.18	-6,269.40	1,217.49	984.69	232.80	5.230	
14,500.00	7,092.40	14,419.13	7,100.57	118.91	116.71	-90.37	-775.56	-6,369.35	1,218.09	981.99	236.10	5.159	
14,600.00	7,089.36	14,519.13	7,097.39	120.56	118.35	-90.37	-775.94	-6,469.30	1,218.69	979.29	239.40	5.091	
14,700.00	7,086.32	14,619.13	7,094.22	122.21	120.00	-90.36	-776.32	-6,569.25	1,219.29	976.58	242.71	5.024	
14,800.00	7,083.28	14,719.13	7,091.05	123.86	121.65	-90.35	-776.69	-6,669.19	1,219.89	973.88	246.01	4.959	
14,900.00	7,080.23	14,819.13	7,087.88	125.51	123.30	-90.35	-777.07	-6,769.14	1,220.49	971.17	249.31	4.895	
15,000.00	7,077.19	14,919.12	7,084.70	127.17	124.96	-90.34	-777.45	-6,869.09	1,221.08	968.47	252.62	4.834	
15,100.00	7,074.15	15,019.12	7,081.53	128.82	126.61	-90.34	-777.83	-6,969.03	1,221.68	965.76	255.93	4.774	
15,200.00	7,071.11	15,119.12	7,078.36	130.48	128.26	-90.33	-778.21	-7,068.98	1,222.28	963.05	259.23	4.715	
15,300.00	7,068.07	15,219.12	7,075.19	132.13	129.91	-90.32	-778.59	-7,168.93	1,222.88	960.34	262.54	4.658	
15,400.00	7,065.03	15,319.12	7,072.01	133.79	131.56	-90.32	-778.97	-7,268.87	1,223.48	957.63	265.85	4.602	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,061.98	15,419.12	7,068.84	135.44	133.22	-90.31	-779.35	-7,368.82	1,224.08	954.92	269.16	4.548	
15,600.00	7,058.94	15,519.11	7,065.67	137.10	134.87	-90.30	-779.73	-7,468.77	1,224.67	952.20	272.47	4.495	
15,665.20	7,056.96	15,584.31	7,063.60	138.18	135.95	-90.30	-779.97	-7,533.93	1,225.06	950.44	274.63	4.461 SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	1.09	-119.99	120.00				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	1.09	-119.99	120.00	112.47	7.53	15.939	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	1.09	-119.99	120.00	112.43	7.57	15.844	
300.00	300.00	303.92	303.90	3.35	3.35	-159.15	0.29	-118.29	118.76	111.10	7.66	15.507	
400.00	399.93	407.68	407.50	3.41	3.42	-160.97	-2.11	-113.19	117.15	109.38	7.78	15.067	
500.00	499.68	511.17	510.56	3.50	3.51	-164.24	-6.10	-104.72	115.85	107.92	7.93	14.600	
593.21	592.39	607.27	605.90	3.61	3.62	-168.58	-11.21	-93.84	115.34	107.21	8.13	14.191	CC
600.00	599.13	614.26	612.81	3.62	3.63	-168.95	-11.64	-92.94	115.34	107.20	8.14	14.164	ES
700.00	698.15	716.83	714.03	3.76	3.80	-174.98	-18.70	-77.93	116.30	107.89	8.41	13.828	
800.00	796.71	816.56	812.01	3.94	4.00	-178.47	-26.62	-61.10	119.78	111.02	8.76	13.672	
900.00	895.20	915.56	909.25	4.14	4.23	-172.39	-34.52	-44.32	125.10	115.93	9.17	13.639	
1,000.00	993.68	1,014.55	1,006.50	4.37	4.49	166.85	-42.42	-27.53	131.72	122.09	9.63	13.673	
1,100.00	1,092.17	1,113.55	1,103.74	4.62	4.77	161.88	-50.32	-10.75	139.46	129.32	10.14	13.753	
1,200.00	1,190.66	1,212.55	1,200.99	4.89	5.06	157.45	-58.21	6.04	148.14	137.46	10.69	13.864	
1,300.00	1,289.14	1,311.55	1,298.23	5.17	5.37	153.53	-66.11	22.82	157.61	146.35	11.26	13.995	
1,400.00	1,387.63	1,410.55	1,395.48	5.47	5.70	150.06	-74.01	39.61	167.74	155.87	11.87	14.137	
1,500.00	1,486.12	1,509.55	1,492.73	5.77	6.03	147.00	-81.91	56.39	178.41	165.92	12.49	14.284	
1,600.00	1,584.60	1,608.55	1,589.97	6.09	6.37	144.28	-89.81	73.18	189.53	176.40	13.13	14.432	
1,700.00	1,683.09	1,707.55	1,687.22	6.41	6.72	141.87	-97.71	89.96	201.03	187.24	13.79	14.578	
1,800.00	1,781.58	1,806.54	1,784.46	6.74	7.06	139.72	-105.61	106.75	212.84	198.39	14.45	14.730	
1,900.00	1,880.06	1,905.54	1,881.71	6.92	7.26	137.80	-113.50	123.53	224.92	210.47	14.44	15.571	
2,000.00	1,978.55	2,004.54	1,978.95	6.96	7.29	136.07	-121.40	140.32	237.22	222.69	14.53	16.330	
2,100.00	2,077.04	2,103.54	2,076.20	7.01	7.35	134.52	-129.30	157.10	249.72	235.07	14.65	17.049	
2,200.00	2,175.52	2,202.54	2,173.44	7.08	7.43	133.11	-137.20	173.89	262.37	247.58	14.80	17.730	
2,300.00	2,274.01	2,301.54	2,270.69	7.17	7.52	131.83	-145.10	190.67	275.18	260.20	14.98	18.371	
2,400.00	2,372.50	2,400.54	2,367.93	7.27	7.63	130.67	-153.00	207.46	288.10	272.91	15.19	18.969	
2,500.00	2,470.99	2,500.47	2,465.18	7.38	7.76	129.61	-160.89	224.24	301.13	285.71	15.43	19.521	
2,600.00	2,569.47	2,601.47	2,562.42	7.51	7.90	128.63	-168.79	241.03	314.26	298.57	15.69	20.026	
2,700.00	2,667.96	2,702.47	2,659.67	7.65	8.05	127.73	-176.69	257.81	327.47	311.48	15.98	20.487	
2,800.00	2,766.45	2,803.47	2,756.91	7.81	8.22	126.91	-184.59	274.60	340.75	324.45	16.30	20.904	
2,900.00	2,864.93	2,895.53	2,854.16	7.97	8.38	126.14	-192.49	291.38	354.09	337.47	16.62	21.301	
3,000.00	2,963.42	3,005.47	2,951.40	8.15	8.59	125.43	-200.39	308.17	367.49	350.50	17.00	21.618	
3,100.00	3,061.91	3,106.47	3,048.65	8.33	8.79	124.77	-208.29	324.95	380.95	363.57	17.38	21.918	
3,200.00	3,160.39	3,207.48	3,145.89	8.53	9.00	124.16	-216.18	341.74	394.45	376.67	17.78	22.185	
3,300.00	3,258.88	3,308.48	3,243.14	8.73	9.23	123.58	-224.08	358.52	407.99	389.80	18.20	22.421	
3,400.00	3,357.37	3,409.48	3,340.38	8.94	9.46	123.05	-231.98	375.31	421.57	402.94	18.63	22.629	
3,500.00	3,455.85	3,489.52	3,437.63	9.16	9.64	122.54	-239.88	392.09	435.19	416.16	19.03	22.869	
3,600.00	3,554.34	3,588.52	3,534.87	9.39	9.88	122.07	-247.78	408.88	448.83	429.35	19.49	23.034	
3,700.00	3,652.83	3,687.52	3,632.12	9.62	10.13	121.63	-255.68	425.66	462.51	442.55	19.95	23.178	
3,800.00	3,751.31	3,786.52	3,729.36	9.86	10.38	121.21	-263.58	442.45	476.21	455.77	20.44	23.302	
3,900.00	3,849.80	3,885.51	3,826.61	10.10	10.64	120.81	-271.47	459.23	489.93	469.00	20.93	23.410	
4,000.00	3,948.29	3,984.51	3,923.85	10.35	10.90	120.44	-279.37	476.02	503.67	482.24	21.43	23.502	
4,100.00	4,046.77	4,083.51	4,021.10	10.61	11.17	120.08	-287.27	492.80	517.44	495.50	21.94	23.580	
4,200.00	4,145.26	4,182.51	4,118.34	10.86	11.44	119.74	-295.17	509.59	531.22	508.76	22.47	23.647	
4,300.00	4,243.75	4,281.51	4,215.59	11.13	11.72	119.43	-303.07	526.37	545.02	522.03	22.99	23.702	
4,400.00	4,342.23	4,380.51	4,312.83	11.39	12.00	119.12	-310.97	543.16	558.84	535.31	23.53	23.748	
4,500.00	4,440.72	4,479.51	4,410.08	11.66	12.29	118.83	-318.86	559.94	572.67	548.59	24.08	23.785	
4,600.00	4,539.21	4,578.50	4,507.32	11.94	12.58	118.56	-326.76	576.73	586.51	561.89	24.63	23.814	
4,700.00	4,637.70	4,677.50	4,604.57	12.22	12.87	118.29	-334.66	593.51	600.37	575.19	25.19	23.837	
4,800.00	4,736.18	4,776.50	4,701.81	12.50	13.16	118.04	-342.56	610.30	614.24	588.49	25.75	23.854	
4,900.00	4,834.67	4,875.50	4,799.06	12.78	13.46	117.80	-350.46	627.08	628.12	601.80	26.32	23.865	
5,000.00	4,933.16	4,974.50	4,896.30	13.07	13.76	117.58	-358.36	643.87	642.01	615.12	26.89	23.872	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,073.50	4,993.55	13.35	14.07	117.36	-366.26	660.65	655.91	628.44	27.47	23.875		
5,200.00	5,130.13	5,172.50	5,090.79	13.64	14.37	117.15	-374.15	677.44	669.82	641.76	28.06	23.874		
5,300.00	5,228.62	5,271.49	5,188.04	13.94	14.68	116.94	-382.05	694.22	683.74	655.09	28.64	23.870		
5,400.00	5,327.10	5,370.49	5,285.28	14.23	14.99	116.75	-389.95	711.01	697.66	668.43	29.24	23.863		
5,500.00	5,425.59	5,469.49	5,382.53	14.53	15.30	116.56	-397.85	727.79	711.60	681.76	29.83	23.853		
5,600.00	5,524.08	5,568.49	5,479.77	14.83	15.61	116.38	-405.75	744.58	725.54	695.11	30.43	23.842		
5,700.00	5,622.56	5,667.49	5,577.02	15.13	15.93	116.21	-413.65	761.36	739.48	708.45	31.03	23.828		
5,800.00	5,721.05	5,766.49	5,674.26	15.43	16.25	116.05	-421.55	778.15	753.44	721.80	31.64	23.813		
5,900.00	5,819.54	5,865.49	5,771.51	15.73	16.57	115.89	-429.44	794.93	767.40	735.15	32.25	23.797		
6,000.00	5,918.02	5,964.48	5,868.75	16.03	16.89	115.73	-437.34	811.72	781.36	748.50	32.86	23.779		
6,100.00	6,016.51	6,063.48	5,966.00	16.34	17.21	115.58	-445.24	828.50	795.33	761.86	33.47	23.760		
6,200.00	6,115.00	6,162.48	6,063.24	16.65	17.53	115.44	-453.14	845.29	809.31	775.22	34.09	23.741		
6,300.00	6,213.48	6,261.48	6,160.49	16.95	17.85	115.30	-461.04	862.07	823.29	788.58	34.71	23.720		
6,400.00	6,311.97	6,360.48	6,257.73	17.26	18.18	115.17	-468.94	878.86	837.27	801.94	35.33	23.699		
6,500.00	6,410.46	6,459.48	6,354.98	17.57	18.50	115.04	-476.83	895.64	851.26	815.31	35.95	23.678		
6,600.00	6,508.95	6,549.23	6,443.64	17.88	18.72	115.17	-484.06	907.17	865.67	829.20	36.47	23.736		
6,700.00	6,607.69	6,634.51	6,528.56	18.17	18.85	131.80	-491.05	906.76	881.36	844.49	36.87	23.905		
6,800.00	6,707.39	6,718.07	6,611.00	18.34	18.93	-123.96	-497.91	895.32	897.45	860.37	37.08	24.201		
6,900.00	6,805.96	6,800.52	6,690.17	18.45	18.97	-96.15	-504.56	873.53	913.33	876.15	37.18	24.567		
7,000.00	6,900.99	6,882.17	6,765.16	18.49	18.98	-88.41	-510.93	842.00	928.51	891.34	37.17	24.979		
7,100.00	6,990.14	6,963.33	6,835.10	18.49	18.96	-84.42	-516.94	801.39	942.58	905.48	37.10	25.405		
7,200.00	7,071.20	7,044.27	6,899.16	18.47	18.93	-81.90	-522.51	752.32	955.18	918.17	37.01	25.810		
7,300.00	7,142.19	7,125.25	6,956.53	18.46	18.89	-80.23	-527.59	695.46	966.00	929.06	36.94	26.150		
7,400.00	7,201.35	7,206.52	7,006.40	18.48	18.86	-79.17	-532.09	631.52	974.81	937.86	36.95	26.381		
7,500.00	7,247.23	7,288.31	7,047.98	18.58	18.85	-78.61	-535.95	561.26	981.42	944.33	37.09	26.460		
7,600.00	7,278.70	7,370.85	7,080.50	18.78	18.87	-78.50	-539.10	485.52	985.73	948.34	37.39	26.360		
7,700.00	7,294.98	7,454.37	7,103.19	19.08	18.95	-78.80	-541.47	405.24	987.69	949.82	37.88	26.076		
7,800.00	7,296.21	7,539.16	7,115.32	19.48	19.09	-79.45	-542.99	321.41	987.45	948.91	38.54	25.619		
7,836.32	7,295.10	7,570.46	7,116.97	19.67	19.16	-79.60	-543.32	290.15	987.36	948.51	38.85	25.414		
7,900.00	7,293.16	7,628.80	7,116.38	20.02	19.34	-79.67	-543.64	231.82	987.60	948.17	39.43	25.048		
8,000.00	7,290.12	7,728.80	7,113.75	20.67	19.77	-79.70	-544.04	131.86	988.14	947.55	40.59	24.346		
8,100.00	7,287.08	7,828.80	7,111.13	21.44	20.35	-79.73	-544.45	31.90	988.68	946.71	41.98	23.554		
8,200.00	7,284.04	7,928.79	7,108.50	22.31	21.07	-79.76	-544.86	-68.06	989.23	945.65	43.57	22.702		
8,300.00	7,281.00	8,028.79	7,105.87	23.26	21.91	-79.79	-545.26	-168.02	989.77	944.41	45.36	21.821		
8,400.00	7,277.95	8,128.79	7,103.24	24.29	22.85	-79.82	-545.67	-267.99	990.31	943.00	47.31	20.932		
8,500.00	7,274.91	8,228.79	7,100.62	25.39	23.88	-79.85	-546.08	-367.95	990.86	941.45	49.41	20.055		
8,600.00	7,271.87	8,328.78	7,097.99	26.55	24.97	-79.88	-546.49	-467.91	991.40	939.77	51.63	19.201		
8,700.00	7,268.83	8,428.78	7,095.36	27.76	26.14	-79.91	-546.89	-567.87	991.95	937.98	53.97	18.380		
8,800.00	7,265.79	8,528.78	7,092.73	29.01	27.35	-79.94	-547.30	-667.83	992.49	936.09	56.40	17.596		
8,900.00	7,262.75	8,628.77	7,090.10	30.31	28.61	-79.97	-547.71	-767.79	993.04	934.11	58.93	16.852		
9,000.00	7,259.70	8,728.77	7,087.48	31.64	29.91	-80.00	-548.11	-867.76	993.58	932.06	61.52	16.150		
9,100.00	7,256.66	8,828.77	7,084.85	33.00	31.25	-80.03	-548.52	-967.72	994.13	929.94	64.19	15.488		
9,200.00	7,253.62	8,928.77	7,082.22	34.38	32.62	-80.06	-548.93	-1,067.68	994.68	927.77	66.91	14.866		
9,300.00	7,250.58	9,028.76	7,079.59	35.80	34.01	-80.09	-549.34	-1,167.64	995.22	925.54	69.68	14.283		
9,400.00	7,247.54	9,128.76	7,076.97	37.23	35.43	-80.12	-549.74	-1,267.60	995.77	923.27	72.50	13.735		
9,500.00	7,244.49	9,228.76	7,074.34	38.68	36.87	-80.15	-550.15	-1,367.57	996.32	920.96	75.36	13.221		
9,600.00	7,241.45	9,328.75	7,071.71	40.15	38.32	-80.18	-550.56	-1,467.53	996.86	918.61	78.25	12.739		
9,700.00	7,238.41	9,428.75	7,069.08	41.64	39.80	-80.21	-550.96	-1,567.49	997.41	916.23	81.18	12.286		
9,800.00	7,235.37	9,528.75	7,066.45	43.14	41.29	-80.24	-551.37	-1,667.45	997.96	913.82	84.14	11.861		
9,900.00	7,232.33	9,628.75	7,063.83	44.65	42.79	-80.27	-551.78	-1,767.41	998.51	911.39	87.12	11.461		
10,000.00	7,229.28	9,728.74	7,061.20	46.17	44.31	-80.30	-552.18	-1,867.37	999.06	908.93	90.12	11.085		
10,100.00	7,226.24	9,828.74	7,058.57	47.70	45.83	-80.33	-552.59	-1,967.34	999.60	906.45	93.15	10.731		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,223.20	9,928.74	7,055.94	49.24	47.37	-80.36	-553.00	-2,067.30	1,000.15	903.96	96.20	10.397	
10,300.00	7,220.16	10,028.73	7,053.31	50.79	48.91	-80.39	-553.41	-2,167.26	1,000.70	901.44	99.26	10.082	
10,400.00	7,217.12	10,128.73	7,050.69	52.35	50.46	-80.42	-553.81	-2,267.22	1,001.25	898.91	102.34	9.784	
10,500.00	7,214.08	10,228.73	7,048.06	53.91	52.02	-80.45	-554.22	-2,367.18	1,001.80	896.37	105.43	9.502	
10,600.00	7,211.03	10,328.73	7,045.43	55.48	53.59	-80.48	-554.63	-2,467.15	1,002.35	893.81	108.54	9.235	
10,700.00	7,207.99	10,428.72	7,042.80	57.06	55.16	-80.51	-555.03	-2,567.11	1,002.90	891.24	111.66	8.982	
10,800.00	7,204.95	10,528.72	7,040.18	58.64	56.74	-80.53	-555.44	-2,667.07	1,003.45	888.66	114.79	8.742	
10,900.00	7,201.91	10,628.72	7,037.55	60.22	58.32	-80.56	-555.85	-2,767.03	1,004.00	886.07	117.93	8.513	
11,000.00	7,198.87	10,728.71	7,034.92	61.82	59.91	-80.59	-556.26	-2,866.99	1,004.55	883.47	121.08	8.296	
11,100.00	7,195.82	10,828.71	7,032.29	63.41	61.50	-80.62	-556.66	-2,966.95	1,005.10	880.86	124.24	8.090	
11,200.00	7,192.78	10,928.71	7,029.66	65.01	63.10	-80.65	-557.07	-3,066.92	1,005.66	878.25	127.41	7.893	
11,300.00	7,189.74	11,028.71	7,027.04	66.61	64.70	-80.68	-557.48	-3,166.88	1,006.21	875.62	130.58	7.705	
11,400.00	7,186.70	11,128.70	7,024.41	68.22	66.31	-80.71	-557.88	-3,266.84	1,006.76	872.99	133.77	7.526	
11,500.00	7,183.66	11,228.70	7,021.78	69.83	67.91	-80.74	-558.29	-3,366.80	1,007.31	870.36	136.96	7.355	
11,600.00	7,180.62	11,328.70	7,019.15	71.44	69.52	-80.77	-558.70	-3,466.76	1,007.87	867.71	140.15	7.191	
11,700.00	7,177.57	11,428.69	7,016.52	73.05	71.14	-80.80	-559.10	-3,566.73	1,008.42	865.06	143.35	7.034	
11,800.00	7,174.53	11,528.69	7,013.90	74.67	72.75	-80.82	-559.51	-3,666.69	1,008.97	862.41	146.56	6.884	
11,900.00	7,171.49	11,628.69	7,011.27	76.29	74.37	-80.85	-559.92	-3,766.65	1,009.52	859.75	149.77	6.740	
12,000.00	7,168.45	11,728.69	7,008.64	77.91	75.99	-80.88	-560.33	-3,866.61	1,010.08	857.09	152.99	6.602	
12,100.00	7,165.41	11,828.68	7,006.01	79.53	77.61	-80.91	-560.73	-3,966.57	1,010.63	854.42	156.21	6.470	
12,200.00	7,162.36	11,928.68	7,003.39	81.16	79.24	-80.94	-561.14	-4,066.53	1,011.19	851.75	159.44	6.342	
12,300.00	7,159.32	12,028.68	7,000.76	82.79	80.86	-80.97	-561.55	-4,166.50	1,011.74	849.07	162.67	6.220	
12,400.00	7,156.28	12,128.68	6,998.13	84.42	82.49	-81.00	-561.95	-4,266.46	1,012.29	846.39	165.90	6.102	
12,500.00	7,153.24	12,228.67	6,995.50	86.05	84.12	-81.03	-562.36	-4,366.42	1,012.85	843.71	169.14	5.988	
12,600.00	7,150.20	12,328.67	6,992.87	87.68	85.75	-81.06	-562.77	-4,466.38	1,013.40	841.02	172.38	5.879	
12,700.00	7,147.16	12,428.67	6,990.25	89.31	87.39	-81.08	-563.18	-4,566.34	1,013.96	838.33	175.63	5.773	
12,800.00	7,144.11	12,528.66	6,987.62	90.95	89.02	-81.11	-563.58	-4,666.31	1,014.52	835.64	178.87	5.672	
12,900.00	7,141.07	12,628.66	6,984.99	92.58	90.66	-81.14	-563.99	-4,766.27	1,015.07	832.95	182.12	5.574	
13,000.00	7,138.03	12,728.66	6,982.36	94.22	92.29	-81.17	-564.40	-4,866.23	1,015.63	830.25	185.38	5.479	
13,100.00	7,134.99	12,828.66	6,979.74	95.86	93.93	-81.20	-564.80	-4,966.19	1,016.18	827.55	188.63	5.387	
13,200.00	7,131.95	12,928.65	6,977.11	97.50	95.57	-81.23	-565.21	-5,066.15	1,016.74	824.85	191.89	5.298	
13,300.00	7,128.90	13,028.65	6,974.48	99.14	97.21	-81.25	-565.62	-5,166.11	1,017.30	822.14	195.15	5.213	
13,400.00	7,125.86	13,128.65	6,971.85	100.79	98.85	-81.28	-566.02	-5,266.08	1,017.85	819.44	198.42	5.130	
13,500.00	7,122.82	13,228.64	6,969.22	102.43	100.50	-81.31	-566.43	-5,366.04	1,018.41	816.73	201.68	5.050	
13,600.00	7,119.78	13,328.64	6,966.60	104.07	102.14	-81.34	-566.84	-5,466.00	1,018.97	814.02	204.95	4.972	
13,700.00	7,116.74	13,428.64	6,963.97	105.72	103.78	-81.37	-567.25	-5,565.96	1,019.53	811.31	208.22	4.896	
13,800.00	7,113.69	13,528.64	6,961.34	107.36	105.43	-81.40	-567.65	-5,665.92	1,020.09	808.59	211.49	4.823	
13,900.00	7,110.65	13,628.63	6,958.71	109.01	107.08	-81.42	-568.06	-5,765.89	1,020.64	805.88	214.77	4.752	
14,000.00	7,107.61	13,728.63	6,956.08	110.66	108.72	-81.45	-568.47	-5,865.85	1,021.20	803.16	218.04	4.683	
14,100.00	7,104.57	13,828.63	6,953.46	112.31	110.37	-81.48	-568.87	-5,965.81	1,021.76	800.44	221.32	4.617	
14,200.00	7,101.53	13,928.62	6,950.83	113.96	112.02	-81.51	-569.28	-6,065.77	1,022.32	797.72	224.60	4.552	
14,300.00	7,098.49	14,028.62	6,948.20	115.60	113.67	-81.54	-569.69	-6,165.73	1,022.88	795.00	227.88	4.489	
14,400.00	7,095.44	14,128.62	6,945.57	117.25	115.32	-81.57	-570.09	-6,265.69	1,023.44	792.28	231.16	4.427	
14,500.00	7,092.40	14,228.62	6,942.95	118.91	116.97	-81.59	-570.50	-6,365.66	1,024.00	789.55	234.45	4.368	
14,600.00	7,089.36	14,328.61	6,940.32	120.56	118.62	-81.62	-570.91	-6,465.62	1,024.56	786.83	237.73	4.310	
14,700.00	7,086.32	14,428.61	6,937.69	122.21	120.27	-81.65	-571.32	-6,565.58	1,025.12	784.10	241.02	4.253	
14,800.00	7,083.28	14,528.61	6,935.06	123.86	121.92	-81.68	-571.72	-6,665.54	1,025.68	781.37	244.31	4.198	
14,900.00	7,080.23	14,628.60	6,932.43	125.51	123.57	-81.71	-572.13	-6,765.50	1,026.24	778.64	247.60	4.145	
15,000.00	7,077.19	14,728.60	6,929.81	127.17	125.23	-81.73	-572.54	-6,865.47	1,026.80	775.91	250.89	4.093	
15,100.00	7,074.15	14,828.60	6,927.18	128.82	126.88	-81.76	-572.94	-6,965.43	1,027.36	773.18	254.18	4.042	
15,200.00	7,071.11	14,928.60	6,924.55	130.48	128.54	-81.79	-573.35	-7,065.39	1,027.93	770.45	257.48	3.992	
15,300.00	7,068.07	15,028.59	6,921.92	132.13	130.19	-81.82	-573.76	-7,165.35	1,028.49	767.72	260.77	3.944	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	7,065.03	15,128.59	6,919.30	133.79	131.84	-81.84	-574.17	-7,265.31	1,029.05	764.98	264.07	3.897	
15,500.00	7,061.98	15,228.59	6,916.67	135.44	133.50	-81.87	-574.57	-7,365.27	1,029.61	762.25	267.36	3.851	
15,600.00	7,058.94	15,328.58	6,914.04	137.10	135.16	-81.90	-574.98	-7,465.24	1,030.17	759.51	270.66	3.806	
15,665.20	7,056.96	15,393.78	6,912.33	138.18	136.23	-81.92	-575.24	-7,530.41	1,030.54	757.73	272.81	3.777 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	1.46	-160.09	160.09				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	1.46	-160.09	160.09	152.56	7.53	21.264	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	1.46	-160.09	160.09	152.52	7.57	21.137	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	1.46	-160.09	160.09	152.52	7.57	21.137 CC	
300.00	300.00	302.27	302.27	3.35	3.35	-158.85	1.16	-159.72	160.14	152.48	7.66	20.904 ES	
400.00	399.93	406.72	406.64	3.41	3.41	-160.17	-1.26	-156.77	160.60	152.82	7.78	20.645	
500.00	499.68	510.85	510.49	3.50	3.50	-162.77	-6.06	-150.90	161.76	153.82	7.94	20.368	
600.00	599.13	614.48	613.49	3.62	3.62	-166.56	-13.21	-142.17	164.09	155.94	8.15	20.128	
700.00	698.15	717.40	715.33	3.76	3.77	-171.37	-22.64	-130.65	168.23	159.81	8.42	19.980	
800.00	796.71	819.47	815.73	3.94	3.96	-176.94	-34.27	-116.43	174.49	165.73	8.76	19.926	
900.00	895.20	919.51	913.49	4.14	4.20	177.12	-47.70	-100.03	181.12	171.95	9.17	19.758	
1,000.00	993.68	1,017.51	1,009.13	4.37	4.47	171.57	-61.24	-83.48	189.30	179.66	9.64	19.635	
1,100.00	1,092.17	1,115.51	1,104.77	4.62	4.77	166.52	-74.78	-66.94	199.14	188.97	10.16	19.595	
1,200.00	1,190.66	1,213.51	1,200.41	4.89	5.08	161.96	-88.32	-50.40	210.40	199.68	10.72	19.621	
1,300.00	1,289.14	1,311.51	1,296.05	5.17	5.42	157.88	-101.86	-33.85	222.88	211.56	11.32	19.694	
1,400.00	1,387.63	1,409.51	1,391.69	5.47	5.77	154.23	-115.40	-17.31	236.37	224.44	11.94	19.802	
1,500.00	1,486.12	1,507.51	1,487.33	5.77	6.14	150.99	-128.94	-0.77	250.72	238.15	12.58	19.934	
1,600.00	1,584.60	1,605.51	1,582.97	6.09	6.51	148.09	-142.48	15.78	265.79	252.55	13.24	20.082	
1,700.00	1,683.09	1,703.51	1,678.61	6.41	6.89	145.51	-156.03	32.32	281.45	267.55	13.91	20.238	
1,800.00	1,781.58	1,801.51	1,774.25	6.74	7.28	143.20	-169.57	48.86	297.63	283.04	14.59	20.403	
1,900.00	1,880.06	1,900.49	1,869.89	6.92	7.50	141.13	-183.11	65.40	314.23	299.64	14.59	21.539	
2,000.00	1,978.55	2,002.49	1,965.53	6.96	7.55	139.27	-196.65	81.95	331.19	316.52	14.67	22.570	
2,100.00	2,077.04	2,104.49	2,061.17	7.01	7.62	137.58	-210.19	98.49	348.47	333.68	14.79	23.556	
2,200.00	2,175.52	2,206.49	2,156.81	7.08	7.72	136.06	-223.73	115.03	366.01	351.07	14.95	24.490	
2,300.00	2,274.01	2,308.49	2,252.45	7.17	7.83	134.67	-237.27	131.58	383.78	368.65	15.13	25.367	
2,400.00	2,372.50	2,389.51	2,348.09	7.27	7.93	133.41	-250.81	148.12	401.76	386.44	15.32	26.228	
2,500.00	2,470.99	2,487.51	2,443.73	7.38	8.07	132.26	-264.35	164.66	419.90	404.35	15.55	26.996	
2,600.00	2,569.47	2,585.51	2,539.37	7.51	8.22	131.20	-277.89	181.21	438.20	422.38	15.82	27.703	
2,700.00	2,667.96	2,683.51	2,635.01	7.65	8.39	130.22	-291.43	197.75	456.63	440.52	16.11	28.349	
2,800.00	2,766.45	2,781.51	2,730.65	7.81	8.57	129.32	-304.97	214.29	475.18	458.76	16.42	28.936	
2,900.00	2,864.93	2,879.51	2,826.29	7.97	8.76	128.49	-318.51	230.84	493.84	477.08	16.76	29.466	
3,000.00	2,963.42	2,977.51	2,921.93	8.15	8.96	127.72	-332.05	247.38	512.59	495.47	17.12	29.943	
3,100.00	3,061.91	3,075.51	3,017.57	8.33	9.18	127.00	-345.59	263.92	531.42	513.92	17.50	30.369	
3,200.00	3,160.39	3,173.51	3,113.21	8.53	9.41	126.33	-359.13	280.47	550.33	532.43	17.90	30.749	
3,300.00	3,258.88	3,271.51	3,208.85	8.73	9.64	125.71	-372.67	297.01	569.30	550.99	18.31	31.085	
3,400.00	3,357.37	3,369.51	3,304.49	8.94	9.89	125.13	-386.21	313.55	588.34	569.59	18.75	31.383	
3,500.00	3,455.85	3,467.51	3,400.13	9.16	10.14	124.58	-399.76	330.09	607.43	588.23	19.20	31.644	
3,600.00	3,554.34	3,565.51	3,495.77	9.39	10.40	124.07	-413.30	346.64	626.57	606.91	19.66	31.873	
3,700.00	3,652.83	3,663.51	3,591.41	9.62	10.67	123.58	-426.84	363.18	645.76	625.62	20.13	32.073	
3,800.00	3,751.31	3,761.51	3,687.05	9.86	10.94	123.13	-440.38	379.72	664.99	644.37	20.62	32.246	
3,900.00	3,849.80	3,859.51	3,782.69	10.10	11.22	122.70	-453.92	396.27	684.26	663.13	21.12	32.396	
4,000.00	3,948.29	3,957.51	3,878.33	10.35	11.51	122.29	-467.46	412.81	703.56	681.93	21.63	32.524	
4,100.00	4,046.77	4,055.51	3,973.97	10.61	11.80	121.91	-481.00	429.35	722.90	700.74	22.15	32.633	
4,200.00	4,145.26	4,153.51	4,069.61	10.86	12.09	121.54	-494.54	445.90	742.26	719.58	22.68	32.726	
4,300.00	4,243.75	4,251.51	4,165.25	11.13	12.39	121.20	-508.08	462.44	761.65	738.43	23.22	32.804	
4,400.00	4,342.23	4,349.51	4,260.89	11.39	12.70	120.87	-521.62	478.98	781.07	757.31	23.76	32.868	
4,500.00	4,440.72	4,447.51	4,356.53	11.66	13.01	120.55	-535.16	495.53	800.51	776.20	24.32	32.920	
4,600.00	4,539.21	4,545.51	4,452.17	11.94	13.32	120.25	-548.70	512.07	819.98	795.10	24.88	32.962	
4,700.00	4,637.70	4,643.51	4,547.81	12.22	13.63	119.97	-562.24	528.61	839.46	814.02	25.44	32.994	
4,800.00	4,736.18	4,741.51	4,643.45	12.50	13.95	119.70	-575.78	545.15	858.97	832.95	26.01	33.018	
4,900.00	4,834.67	4,839.51	4,739.09	12.78	14.27	119.44	-589.32	561.70	878.49	851.89	26.59	33.035	
5,000.00	4,933.16	4,937.51	4,834.73	13.07	14.60	119.19	-602.86	578.24	898.02	870.85	27.18	33.046	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.64	5,035.51	4,930.37	13.35	14.92	118.95	-616.40	594.78	917.58	889.81	27.76	33.051		
5,200.00	5,130.13	5,133.51	5,026.01	13.64	15.25	118.73	-629.94	611.33	937.15	908.79	28.36	33.050		
5,300.00	5,228.62	5,231.51	5,121.65	13.94	15.59	118.51	-643.49	627.87	956.73	927.78	28.95	33.046		
5,400.00	5,327.10	5,329.51	5,217.29	14.23	15.92	118.30	-657.03	644.41	976.32	946.77	29.55	33.037		
5,500.00	5,425.59	5,427.51	5,312.93	14.53	16.25	118.10	-670.57	660.96	995.93	965.77	30.16	33.025		
5,600.00	5,524.08	5,525.51	5,408.57	14.83	16.59	117.90	-684.11	677.50	1,015.55	984.78	30.76	33.011		
5,700.00	5,622.56	5,623.51	5,504.21	15.13	16.93	117.72	-697.65	694.04	1,035.17	1,003.80	31.38	32.993		
5,800.00	5,721.05	5,721.51	5,599.85	15.43	17.27	117.54	-711.19	710.59	1,054.81	1,022.82	31.99	32.973		
5,900.00	5,819.54	5,819.51	5,695.49	15.73	17.61	117.36	-724.73	727.13	1,074.46	1,041.85	32.61	32.952		
6,000.00	5,918.02	5,917.51	5,791.13	16.03	17.96	117.20	-738.27	743.67	1,094.12	1,060.89	33.23	32.928		
6,100.00	6,016.51	6,015.51	5,886.77	16.34	18.30	117.04	-751.81	760.22	1,113.79	1,079.93	33.85	32.903		
6,200.00	6,115.00	6,113.51	5,982.41	16.65	18.65	116.88	-765.35	776.76	1,133.46	1,098.98	34.48	32.877		
6,300.00	6,213.48	6,211.51	6,078.05	16.95	19.00	116.73	-778.89	793.30	1,153.14	1,118.04	35.10	32.850		
6,400.00	6,311.97	6,309.51	6,173.69	17.26	19.35	116.59	-792.43	809.84	1,172.83	1,137.10	35.73	32.822		
6,500.00	6,410.46	6,407.51	6,269.33	17.57	19.70	116.45	-805.97	826.39	1,192.53	1,156.16	36.37	32.793		
6,600.00	6,508.95	6,505.51	6,364.97	17.88	20.05	116.31	-819.51	842.93	1,212.23	1,175.23	37.00	32.763		
6,700.00	6,607.69	6,603.44	6,460.54	18.17	20.40	132.12	-833.04	859.46	1,231.77	1,194.17	37.61	32.756		
6,800.00	6,707.39	6,681.04	6,536.91	18.34	20.59	-124.49	-843.92	867.41	1,250.86	1,212.95	37.91	32.997		
6,900.00	6,805.96	6,760.16	6,615.16	18.45	20.73	-97.47	-855.17	865.81	1,269.67	1,231.58	38.08	33.338		
7,000.00	6,900.99	6,840.43	6,693.71	18.49	20.82	-90.46	-866.58	854.19	1,287.83	1,249.67	38.16	33.747		
7,100.00	6,990.14	6,922.29	6,771.64	18.49	20.88	-87.14	-878.02	832.15	1,305.03	1,266.86	38.16	34.197		
7,200.00	7,071.20	7,006.18	6,847.93	18.47	20.91	-85.21	-889.36	799.28	1,320.93	1,282.81	38.12	34.652		
7,300.00	7,142.19	7,092.63	6,921.34	18.46	20.90	-84.08	-900.40	755.11	1,335.26	1,297.19	38.07	35.070		
7,400.00	7,201.35	7,182.18	6,990.40	18.48	20.87	-83.48	-910.96	699.20	1,347.77	1,309.70	38.07	35.399		
7,500.00	7,247.23	7,275.44	7,053.30	18.58	20.81	-83.34	-920.78	631.18	1,358.22	1,320.05	38.17	35.584		
7,600.00	7,278.70	7,373.01	7,107.84	18.78	20.74	-83.58	-929.54	550.86	1,366.40	1,327.99	38.41	35.573		
7,700.00	7,294.98	7,475.51	7,151.34	19.08	20.67	-84.18	-936.85	458.46	1,372.10	1,333.26	38.84	35.327		
7,800.00	7,296.21	7,583.61	7,180.69	19.48	20.61	-85.14	-942.26	354.70	1,375.23	1,335.74	39.48	34.830		
7,900.00	7,293.16	7,698.89	7,192.38	20.02	20.59	-85.78	-945.25	240.21	1,377.02	1,336.62	40.40	34.081		
8,000.00	7,290.12	7,803.58	7,189.32	20.67	20.70	-85.79	-946.02	135.58	1,377.96	1,336.44	41.52	33.190		
8,100.00	7,287.08	7,903.57	7,185.67	21.44	21.01	-85.76	-946.65	35.65	1,378.85	1,336.01	42.84	32.188		
8,200.00	7,284.04	8,003.57	7,182.01	22.31	21.56	-85.74	-947.27	-64.27	1,379.74	1,335.37	44.37	31.094		
8,300.00	7,281.00	8,103.56	7,178.36	23.26	22.29	-85.72	-947.90	-164.20	1,380.63	1,334.53	46.10	29.948		
8,400.00	7,277.95	8,203.56	7,174.71	24.29	23.16	-85.70	-948.53	-264.12	1,381.52	1,333.52	48.00	28.782		
8,500.00	7,274.91	8,303.55	7,171.06	25.39	24.12	-85.67	-949.16	-364.05	1,382.41	1,332.36	50.05	27.622		
8,600.00	7,271.87	8,403.55	7,167.41	26.55	25.17	-85.65	-949.78	-463.98	1,383.30	1,331.07	52.24	26.482		
8,700.00	7,268.83	8,503.54	7,163.75	27.76	26.29	-85.63	-950.41	-563.90	1,384.19	1,329.66	54.54	25.381		
8,800.00	7,265.79	8,603.54	7,160.10	29.01	27.46	-85.61	-951.04	-663.83	1,385.09	1,328.14	56.94	24.324		
8,900.00	7,262.75	8,703.53	7,156.45	30.31	28.68	-85.58	-951.67	-763.75	1,385.98	1,326.54	59.44	23.318		
9,000.00	7,259.70	8,803.52	7,152.80	31.64	29.95	-85.56	-952.29	-863.68	1,386.87	1,324.86	62.01	22.363		
9,100.00	7,256.66	8,903.52	7,149.15	33.00	31.25	-85.54	-952.92	-963.61	1,387.76	1,323.10	64.66	21.462		
9,200.00	7,253.62	9,003.51	7,145.49	34.38	32.58	-85.52	-953.55	-1,063.53	1,388.66	1,321.29	67.37	20.613		
9,300.00	7,250.58	9,103.51	7,141.84	35.80	33.95	-85.49	-954.18	-1,163.46	1,389.55	1,319.42	70.13	19.814		
9,400.00	7,247.54	9,203.50	7,138.19	37.23	35.33	-85.47	-954.80	-1,263.38	1,390.44	1,317.50	72.94	19.063		
9,500.00	7,244.49	9,303.50	7,134.54	38.68	36.75	-85.45	-955.43	-1,363.31	1,391.33	1,315.54	75.79	18.358		
9,600.00	7,241.45	9,403.49	7,130.89	40.15	38.18	-85.43	-956.06	-1,463.23	1,392.23	1,313.55	78.68	17.695		
9,700.00	7,238.41	9,503.49	7,127.23	41.64	39.63	-85.40	-956.69	-1,563.16	1,393.12	1,311.52	81.61	17.072		
9,800.00	7,235.37	9,603.48	7,123.58	43.14	41.09	-85.38	-957.31	-1,663.09	1,394.02	1,309.46	84.56	16.486		
9,900.00	7,232.33	9,703.48	7,119.93	44.65	42.58	-85.36	-957.94	-1,763.01	1,394.91	1,307.37	87.54	15.934		
10,000.00	7,229.28	9,803.47	7,116.28	46.17	44.07	-85.34	-958.57	-1,862.94	1,395.80	1,305.26	90.55	15.415		
10,100.00	7,226.24	9,903.46	7,112.63	47.70	45.58	-85.32	-959.20	-1,962.86	1,396.70	1,303.12	93.58	14.926		
10,200.00	7,223.20	10,003.46	7,108.97	49.24	47.09	-85.29	-959.82	-2,062.79	1,397.59	1,300.97	96.62	14.464		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,220.16	10,103.45	7,105.32	50.79	48.62	-85.27	-960.45	-2,162.72	1,398.49	1,298.80	99.69	14.028		
10,400.00	7,217.12	10,203.45	7,101.67	52.35	50.16	-85.25	-961.08	-2,262.64	1,399.38	1,296.61	102.77	13.616		
10,500.00	7,214.08	10,303.44	7,098.02	53.91	51.70	-85.23	-961.71	-2,362.57	1,400.28	1,294.41	105.87	13.226		
10,600.00	7,211.03	10,403.44	7,094.37	55.48	53.25	-85.21	-962.33	-2,462.49	1,401.17	1,292.19	108.98	12.857		
10,700.00	7,207.99	10,503.43	7,090.71	57.06	54.81	-85.18	-962.96	-2,562.42	1,402.07	1,289.96	112.11	12.507		
10,800.00	7,204.95	10,603.43	7,087.06	58.64	56.37	-85.16	-963.59	-2,662.34	1,402.97	1,287.73	115.24	12.174		
10,900.00	7,201.91	10,703.42	7,083.41	60.22	57.94	-85.14	-964.22	-2,762.27	1,403.86	1,285.48	118.39	11.858		
11,000.00	7,198.87	10,803.42	7,079.76	61.82	59.52	-85.12	-964.84	-2,862.20	1,404.76	1,283.22	121.54	11.558		
11,100.00	7,195.82	10,903.41	7,076.10	63.41	61.10	-85.10	-965.47	-2,962.12	1,405.66	1,280.95	124.71	11.272		
11,200.00	7,192.78	11,003.40	7,072.45	65.01	62.69	-85.07	-966.10	-3,062.05	1,406.55	1,278.67	127.88	10.999		
11,300.00	7,189.74	11,103.40	7,068.80	66.61	64.28	-85.05	-966.73	-3,161.97	1,407.45	1,276.39	131.06	10.739		
11,400.00	7,186.70	11,203.39	7,065.15	68.22	65.87	-85.03	-967.35	-3,261.90	1,408.35	1,274.10	134.25	10.491		
11,500.00	7,183.66	11,303.39	7,061.50	69.83	67.47	-85.01	-967.98	-3,361.83	1,409.24	1,271.80	137.44	10.253		
11,600.00	7,180.62	11,403.38	7,057.84	71.44	69.07	-84.99	-968.61	-3,461.75	1,410.14	1,269.50	140.64	10.026		
11,700.00	7,177.57	11,503.38	7,054.19	73.05	70.67	-84.97	-969.24	-3,561.68	1,411.04	1,267.19	143.85	9.809		
11,800.00	7,174.53	11,603.37	7,050.54	74.67	72.28	-84.94	-969.86	-3,661.60	1,411.94	1,264.88	147.06	9.601		
11,900.00	7,171.49	11,703.37	7,046.89	76.29	73.89	-84.92	-970.49	-3,761.53	1,412.84	1,262.56	150.28	9.402		
12,000.00	7,168.45	11,803.36	7,043.24	77.91	75.50	-84.90	-971.12	-3,861.46	1,413.73	1,260.24	153.50	9.210		
12,100.00	7,165.41	11,903.36	7,039.58	79.53	77.11	-84.88	-971.75	-3,961.38	1,414.63	1,257.91	156.72	9.026		
12,200.00	7,162.36	12,003.35	7,035.93	81.16	78.73	-84.86	-972.37	-4,061.31	1,415.53	1,255.58	159.95	8.850		
12,300.00	7,159.32	12,103.34	7,032.28	82.79	80.35	-84.84	-973.00	-4,161.23	1,416.43	1,253.25	163.19	8.680		
12,400.00	7,156.28	12,203.34	7,028.63	84.42	81.97	-84.81	-973.63	-4,261.16	1,417.33	1,250.91	166.42	8.516		
12,500.00	7,153.24	12,303.33	7,024.98	86.05	83.59	-84.79	-974.26	-4,361.08	1,418.23	1,248.57	169.66	8.359		
12,600.00	7,150.20	12,403.33	7,021.32	87.68	85.22	-84.77	-974.88	-4,461.01	1,419.13	1,246.22	172.91	8.208		
12,700.00	7,147.16	12,503.32	7,017.67	89.31	86.84	-84.75	-975.51	-4,560.94	1,420.03	1,243.88	176.15	8.061		
12,800.00	7,144.11	12,603.32	7,014.02	90.95	88.47	-84.73	-976.14	-4,660.86	1,420.93	1,241.53	179.40	7.920		
12,900.00	7,141.07	12,703.31	7,010.37	92.58	90.10	-84.71	-976.77	-4,760.79	1,421.83	1,239.18	182.65	7.784		
13,000.00	7,138.03	12,803.31	7,006.72	94.22	91.73	-84.69	-977.39	-4,860.71	1,422.73	1,236.82	185.91	7.653		
13,100.00	7,134.99	12,903.30	7,003.06	95.86	93.37	-84.66	-978.02	-4,960.64	1,423.63	1,234.47	189.16	7.526		
13,200.00	7,131.95	13,003.30	6,999.41	97.50	95.00	-84.64	-978.65	-5,060.57	1,424.53	1,232.11	192.42	7.403		
13,300.00	7,128.90	13,103.29	6,995.76	99.14	96.64	-84.62	-979.28	-5,160.49	1,425.43	1,229.75	195.68	7.284		
13,400.00	7,125.86	13,203.28	6,992.11	100.79	98.27	-84.60	-979.90	-5,260.42	1,426.33	1,227.39	198.94	7.170		
13,500.00	7,122.82	13,303.28	6,988.46	102.43	99.91	-84.58	-980.53	-5,360.34	1,427.24	1,225.03	202.21	7.058		
13,600.00	7,119.78	13,403.27	6,984.80	104.07	101.55	-84.56	-981.16	-5,460.27	1,428.14	1,222.66	205.47	6.950		
13,700.00	7,116.74	13,503.27	6,981.15	105.72	103.19	-84.54	-981.79	-5,560.19	1,429.04	1,220.30	208.74	6.846		
13,800.00	7,113.69	13,603.26	6,977.50	107.36	104.83	-84.52	-982.41	-5,660.12	1,429.94	1,217.93	212.01	6.745		
13,900.00	7,110.65	13,703.26	6,973.85	109.01	106.47	-84.49	-983.04	-5,760.05	1,430.84	1,215.56	215.28	6.646		
14,000.00	7,107.61	13,803.25	6,970.20	110.66	108.11	-84.47	-983.67	-5,859.97	1,431.75	1,213.19	218.56	6.551		
14,100.00	7,104.57	13,903.25	6,966.54	112.31	109.75	-84.45	-984.30	-5,959.90	1,432.65	1,210.82	221.83	6.458		
14,200.00	7,101.53	14,003.24	6,962.89	113.96	111.40	-84.43	-984.92	-6,059.82	1,433.55	1,208.45	225.10	6.368		
14,300.00	7,098.49	14,103.24	6,959.24	115.60	113.04	-84.41	-985.55	-6,159.75	1,434.45	1,206.07	228.38	6.281		
14,400.00	7,095.44	14,203.23	6,955.59	117.25	114.69	-84.39	-986.18	-6,259.68	1,435.36	1,203.70	231.66	6.196		
14,500.00	7,092.40	14,303.22	6,951.94	118.91	116.33	-84.37	-986.81	-6,359.60	1,436.26	1,201.32	234.94	6.113		
14,600.00	7,089.36	14,403.22	6,948.28	120.56	117.98	-84.35	-987.43	-6,459.53	1,437.16	1,198.95	238.22	6.033		
14,700.00	7,086.32	14,503.21	6,944.63	122.21	119.63	-84.33	-988.06	-6,559.45	1,438.07	1,196.57	241.50	5.955		
14,800.00	7,083.28	14,603.21	6,940.98	123.86	121.28	-84.31	-988.69	-6,659.38	1,438.97	1,194.19	244.78	5.879		
14,900.00	7,080.23	14,703.20	6,937.33	125.51	122.93	-84.29	-989.32	-6,759.31	1,439.88	1,191.81	248.06	5.805		
15,000.00	7,077.19	14,803.20	6,933.67	127.17	124.58	-84.26	-989.94	-6,859.23	1,440.78	1,189.44	251.34	5.732		
15,100.00	7,074.15	14,903.19	6,930.02	128.82	126.23	-84.24	-990.57	-6,959.16	1,441.68	1,187.06	254.63	5.662		
15,200.00	7,071.11	15,003.19	6,926.37	130.48	127.88	-84.22	-991.20	-7,059.08	1,442.59	1,184.68	257.91	5.593		
15,300.00	7,068.07	15,103.18	6,922.72	132.13	129.53	-84.20	-991.83	-7,159.01	1,443.49	1,182.30	261.20	5.526		
15,400.00	7,065.03	15,203.18	6,919.07	133.79	131.18	-84.18	-992.45	-7,258.93	1,444.40	1,179.91	264.49	5.461		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,061.98	15,303.17	6,915.41	135.44	132.83	-84.16	-993.08	-7,358.86	1,445.30	1,177.53	267.77	5.398	
15,600.00	7,058.94	15,403.16	6,911.76	137.10	134.48	-84.14	-993.71	-7,458.79	1,446.21	1,175.15	271.06	5.335	
15,665.20	7,056.96	15,468.36	6,909.38	138.18	135.56	-84.13	-994.12	-7,523.93	1,446.80	1,173.60	273.20	5.296 SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.82	3.30	-1,039.86	1,039.86				
100.00	100.00	100.00	100.00	3.28	3.28	-89.82	3.30	-1,039.86	1,039.86	1,032.34	7.53	138.117	
200.00	200.00	200.00	200.00	3.31	3.31	-89.82	3.30	-1,039.86	1,039.86	1,032.29	7.57	137.296	
300.00	300.00	339.29	339.24	3.35	3.37	-159.16	1.17	-1,037.23	1,038.38	1,030.70	7.68	135.271	
400.00	399.93	478.08	477.65	3.41	3.47	-159.63	-5.20	-1,029.39	1,036.00	1,028.17	7.83	132.335	
500.00	499.68	615.91	614.45	3.50	3.63	-160.42	-15.69	-1,016.46	1,033.23	1,025.18	8.04	128.473	
600.00	599.13	749.24	745.88	3.62	3.86	-161.50	-29.76	-999.11	1,030.26	1,021.93	8.33	123.726	
675.63	674.07	823.81	819.13	3.72	4.01	-162.20	-38.58	-988.24	1,029.23	1,020.67	8.56	120.222 CC, ES	
700.00	698.15	847.81	842.70	3.76	4.07	-162.42	-41.42	-984.74	1,029.34	1,020.70	8.64	119.106	
800.00	796.71	946.21	939.36	3.94	4.31	-163.39	-53.06	-970.39	1,031.60	1,022.60	9.01	114.539	
900.00	895.20	1,044.58	1,035.98	4.14	4.57	-164.35	-64.69	-956.05	1,034.57	1,025.16	9.41	109.926	
1,000.00	993.68	1,142.95	1,132.60	4.37	4.86	-165.32	-76.33	-941.71	1,037.84	1,027.99	9.85	105.334	
1,100.00	1,092.17	1,241.33	1,229.22	4.62	5.15	-166.27	-87.96	-927.37	1,041.41	1,031.09	10.33	100.851	
1,200.00	1,190.66	1,339.70	1,325.84	4.89	5.47	-167.22	-99.60	-913.03	1,045.28	1,034.45	10.83	96.558	
1,300.00	1,289.14	1,438.07	1,422.46	5.17	5.79	-168.17	-111.23	-898.69	1,049.44	1,038.09	11.35	92.454	
1,400.00	1,387.63	1,536.44	1,519.08	5.47	6.13	-169.10	-122.87	-884.35	1,053.89	1,042.00	11.90	88.586	
1,500.00	1,486.12	1,634.81	1,615.71	5.77	6.47	-170.03	-134.50	-870.01	1,058.63	1,046.17	12.46	84.954	
1,600.00	1,584.60	1,733.18	1,712.33	6.09	6.82	-170.95	-146.13	-855.67	1,063.65	1,050.61	13.04	81.557	
1,700.00	1,683.09	1,831.55	1,808.95	6.41	7.13	-171.86	-157.77	-841.33	1,068.96	1,055.54	13.42	79.681	
1,800.00	1,781.58	1,929.92	1,905.57	6.74	7.28	-172.76	-169.40	-826.99	1,074.53	1,060.71	13.82	77.737	
1,900.00	1,880.06	2,028.29	2,002.19	6.92	7.32	-173.65	-181.04	-812.65	1,080.38	1,066.57	13.81	78.256	
2,000.00	1,978.55	2,126.66	2,098.81	6.96	7.39	-174.54	-192.67	-798.31	1,086.49	1,072.59	13.89	78.198	
2,100.00	2,077.04	2,225.03	2,195.44	7.01	7.47	-175.41	-204.31	-783.96	1,092.86	1,078.85	14.02	77.978	
2,200.00	2,175.52	2,323.40	2,292.06	7.08	7.57	-176.27	-215.94	-769.62	1,099.49	1,085.33	14.17	77.605	
2,300.00	2,274.01	2,421.77	2,388.68	7.17	7.68	-177.13	-227.58	-755.28	1,106.38	1,092.02	14.35	77.091	
2,400.00	2,372.50	2,520.14	2,485.30	7.27	7.81	-177.97	-239.21	-740.94	1,113.51	1,098.94	14.57	76.450	
2,500.00	2,470.99	2,618.51	2,581.92	7.38	7.95	-178.80	-250.84	-726.60	1,120.88	1,106.07	14.81	75.697	
2,600.00	2,569.47	2,716.88	2,678.54	7.51	8.10	-179.62	-262.48	-712.26	1,128.49	1,113.42	15.08	74.848	
2,700.00	2,667.96	2,815.25	2,775.16	7.65	8.27	-179.57	-274.11	-697.92	1,136.34	1,120.97	15.37	73.919	
2,800.00	2,766.45	2,913.62	2,871.79	7.81	8.45	-178.77	-285.75	-683.58	1,144.41	1,128.72	15.69	72.925	
2,900.00	2,864.93	3,011.99	2,968.41	7.97	8.63	-177.98	-297.38	-669.24	1,152.71	1,136.68	16.04	71.881	
3,000.00	2,963.42	3,110.36	3,065.03	8.15	8.83	-177.20	-309.02	-654.90	1,161.23	1,144.83	16.40	70.800	
3,100.00	3,061.91	3,208.73	3,161.65	8.33	9.04	-176.44	-320.65	-640.56	1,169.96	1,153.18	16.79	69.695	
3,200.00	3,160.39	3,307.10	3,258.27	8.53	9.26	-175.68	-332.29	-626.22	1,178.90	1,161.71	17.19	68.575	
3,300.00	3,258.88	3,405.47	3,354.89	8.73	9.49	-174.94	-343.92	-611.88	1,188.05	1,170.44	17.61	67.450	
3,400.00	3,357.37	3,503.84	3,451.51	8.94	9.72	-174.21	-355.55	-597.54	1,197.40	1,179.35	18.05	66.329	
3,500.00	3,455.85	3,602.21	3,548.14	9.16	9.96	-173.49	-367.19	-583.20	1,206.94	1,188.43	18.51	65.217	
3,600.00	3,554.34	3,700.58	3,644.76	9.39	10.21	-172.78	-378.82	-568.86	1,216.67	1,197.70	18.97	64.120	
3,700.00	3,652.83	3,798.95	3,741.38	9.62	10.46	-172.08	-390.46	-554.52	1,226.59	1,207.14	19.46	63.043	
3,800.00	3,751.31	3,902.68	3,838.00	9.86	10.73	-171.39	-402.09	-540.18	1,236.69	1,216.73	19.96	61.944	
3,900.00	3,849.80	4,004.31	3,934.62	10.10	11.01	-170.71	-413.73	-525.84	1,246.97	1,226.49	20.48	60.890	
4,000.00	3,948.29	4,105.94	4,031.24	10.35	11.29	-170.05	-425.36	-511.49	1,257.42	1,236.42	21.00	59.865	
4,100.00	4,046.77	4,207.57	4,127.86	10.61	11.57	-169.39	-437.00	-497.15	1,268.04	1,246.50	21.54	58.871	
4,200.00	4,145.26	4,309.20	4,224.49	10.86	11.86	-168.75	-448.63	-482.81	1,278.83	1,256.74	22.08	57.907	
4,300.00	4,243.75	4,389.18	4,321.11	11.13	12.09	-168.11	-460.26	-468.47	1,289.77	1,267.20	22.57	57.133	
4,400.00	4,342.23	4,487.55	4,417.73	11.39	12.38	-167.49	-471.90	-454.13	1,300.88	1,277.75	23.13	56.252	
4,500.00	4,440.72	4,585.92	4,514.35	11.66	12.67	-166.88	-483.53	-439.79	1,312.13	1,288.45	23.68	55.402	
4,600.00	4,539.21	4,684.29	4,610.97	11.94	12.96	-166.28	-495.17	-425.45	1,323.53	1,299.28	24.25	54.581	
4,700.00	4,637.70	4,782.66	4,707.59	12.22	13.26	-165.68	-506.80	-411.11	1,335.08	1,310.26	24.82	53.790	
4,800.00	4,736.18	4,881.03	4,804.22	12.50	13.56	-165.10	-518.44	-396.77	1,346.77	1,321.37	25.40	53.028	
4,900.00	4,834.67	4,979.40	4,900.84	12.78	13.86	-164.53	-530.07	-382.43	1,358.60	1,332.62	25.98	52.294	
5,000.00	4,933.16	5,077.77	4,997.46	13.07	14.16	-163.97	-541.71	-368.09	1,370.56	1,343.99	26.57	51.588	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.64	5,176.14	5,094.08	13.35	14.47	163.41	-553.34	-353.75	1,382.65	1,355.49	27.16	50.908	
5,200.00	5,130.13	5,274.51	5,190.70	13.64	14.78	162.87	-564.97	-339.41	1,394.86	1,367.11	27.76	50.253	
5,300.00	5,228.62	5,372.88	5,287.32	13.94	15.09	162.34	-576.61	-325.07	1,407.21	1,378.85	28.36	49.623	
5,400.00	5,327.10	5,471.25	5,383.94	14.23	15.40	161.81	-588.24	-310.73	1,419.67	1,390.70	28.96	49.017	
5,500.00	5,425.59	5,569.62	5,480.57	14.53	15.71	161.30	-599.88	-296.39	1,432.25	1,402.67	29.57	48.434	
5,600.00	5,524.08	5,667.99	5,577.19	14.83	16.03	160.79	-611.51	-282.05	1,444.94	1,414.76	30.18	47.872	
5,700.00	5,622.56	5,766.36	5,673.81	15.13	16.35	160.29	-623.15	-267.71	1,457.74	1,426.94	30.80	47.332	
5,800.00	5,721.05	5,864.73	5,770.43	15.43	16.67	159.80	-634.78	-253.37	1,470.66	1,439.24	31.42	46.812	
5,900.00	5,819.54	5,963.10	5,867.05	15.73	16.99	159.32	-646.42	-239.03	1,483.67	1,451.64	32.04	46.311	
6,000.00	5,918.02	6,061.47	5,963.67	16.03	17.31	158.85	-658.05	-224.68	1,496.79	1,464.13	32.66	45.829	
6,100.00	6,016.51	6,159.84	6,060.29	16.34	17.63	158.38	-669.68	-210.34	1,510.01	1,476.73	33.29	45.364	
6,200.00	6,115.00	6,258.21	6,156.92	16.65	17.96	157.92	-681.32	-196.00	1,523.33	1,489.42	33.91	44.916	
6,300.00	6,213.48	6,356.58	6,253.54	16.95	18.28	157.47	-692.95	-181.66	1,536.75	1,502.20	34.55	44.485	
6,400.00	6,311.97	6,454.04	6,308.98	17.26	18.59	157.01	-704.58	-167.31	1,550.27	1,515.62	35.19	44.054	
6,500.00	6,410.46	6,551.51	6,408.91	17.57	18.90	156.56	-716.21	-152.96	1,563.89	1,529.14	35.83	43.623	
6,600.00	6,508.95	6,648.99	6,506.40	17.88	19.21	156.11	-727.84	-138.61	1,577.51	1,542.66	36.47	43.192	
6,700.00	6,607.44	6,746.48	6,603.89	18.19	19.52	155.66	-739.47	-124.26	1,591.13	1,556.18	37.11	42.761	
6,800.00	6,705.93	6,843.97	6,701.38	18.50	19.83	155.21	-751.10	-109.91	1,604.75	1,569.70	37.75	42.330	
6,900.00	6,804.42	6,941.46	6,798.87	18.81	20.14	154.76	-762.73	-95.56	1,618.37	1,583.22	38.39	41.899	
7,000.00	6,902.91	7,038.95	6,896.36	19.12	20.45	154.31	-774.36	-81.21	1,632.00	1,596.74	39.03	41.468	
7,100.00	7,001.40	7,136.44	6,993.85	19.43	20.76	153.86	-785.99	-66.86	1,645.62	1,610.26	39.67	41.037	
7,200.00	7,100.00	7,234.00	7,091.40	19.74	21.07	153.41	-797.62	-52.51	1,659.25	1,623.78	40.31	40.606	
7,300.00	7,198.50	7,331.50	7,188.90	20.05	21.38	152.96	-809.25	-38.16	1,672.87	1,637.30	40.95	40.175	
7,400.00	7,297.00	7,429.00	7,286.40	20.36	21.69	152.51	-820.88	-23.81	1,686.50	1,650.82	41.59	39.744	
7,500.00	7,395.50	7,526.50	7,383.90	20.67	22.00	152.06	-832.51	-9.46	1,700.12	1,664.34	42.23	39.313	
7,600.00	7,494.00	7,624.00	7,481.40	20.98	22.31	151.61	-844.14	4.89	1,713.75	1,677.86	42.87	38.882	
7,700.00	7,592.50	7,721.50	7,578.90	21.29	22.62	151.16	-855.77	20.54	1,727.37	1,691.38	43.51	38.451	
7,800.00	7,691.00	7,819.00	7,676.40	21.60	22.93	150.71	-867.40	36.19	1,741.00	1,704.90	44.15	38.020	
7,900.00	7,789.50	7,916.50	7,773.90	21.91	23.24	150.26	-879.03	51.84	1,754.62	1,718.42	44.79	37.589	
8,000.00	7,888.00	8,014.00	7,871.40	22.22	23.55	149.81	-890.66	67.49	1,768.25	1,731.94	45.43	37.158	
8,100.00	7,986.50	8,111.50	7,968.90	22.53	23.86	149.36	-902.29	83.14	1,781.87	1,745.46	46.07	36.727	
8,200.00	8,085.00	8,209.00	8,066.40	22.84	24.17	148.91	-913.92	98.79	1,795.50	1,758.98	46.71	36.296	
8,300.00	8,183.50	8,307.00	8,163.90	23.15	24.48	148.46	-925.55	114.44	1,809.12	1,772.50	47.35	35.865	
8,400.00	8,282.00	8,405.00	8,261.40	23.46	24.79	148.01	-937.18	130.09	1,822.75	1,786.02	47.99	35.434	
8,500.00	8,380.50	8,503.00	8,358.90	23.77	25.10	147.56	-948.81	145.74	1,836.37	1,799.54	48.63	35.003	
8,600.00	8,479.00	8,601.00	8,456.40	24.08	25.41	147.11	-960.44	161.39	1,850.00	1,813.06	49.27	34.572	
8,700.00	8,577.50	8,699.00	8,553.90	24.39	25.72	146.66	-972.07	177.04	1,863.62	1,826.58	49.91	34.141	
8,800.00	8,676.00	8,797.00	8,651.40	24.70	26.03	146.21	-983.70	192.69	1,877.25	1,840.10	50.55	33.710	
8,900.00	8,774.50	8,895.00	8,748.90	25.01	26.34	145.76	-995.33	208.34	1,890.87	1,853.62	51.19	33.279	
9,000.00	8,873.00	8,993.00	8,846.40	25.32	26.65	145.31	-1006.96	223.99	1,904.50	1,867.14	51.83	32.848	
9,100.00	8,971.50	9,091.00	8,943.90	25.63	26.96	144.86	-1018.59	239.64	1,918.12	1,880.66	52.47	32.417	
9,200.00	9,070.00	9,189.00	9,041.40	25.94	27.27	144.41	-1030.22	255.29	1,931.75	1,894.18	53.11	31.986	
9,300.00	9,168.50	9,287.00	9,138.90	26.25	27.58	143.96	-1041.85	270.94	1,945.37	1,907.70	53.75	31.555	
9,400.00	9,267.00	9,385.00	9,236.40	26.56	27.89	143.51	-1053.48	286.59	1,959.00	1,921.22	54.39	31.124	
9,500.00	9,365.50	9,483.00	9,333.90	26.87	28.20	143.06	-1065.11	302.24	1,972.62	1,934.74	55.03	30.693	
9,600.00	9,464.00	9,581.00	9,431.40	27.18	28.51	142.61	-1076.74	317.89	1,986.25	1,948.26	55.67	30.262	
9,700.00	9,562.50	9,679.00	9,528.90	27.49	28.82	142.16	-1088.37	333.54	1,999.87	1,961.78	56.31	29.831	
9,800.00	9,661.00	9,777.00	9,626.40	27.80	29.13	141.71	-1100.00	349.19	2,013.50	1,975.30	56.95	29.400	
9,900.00	9,759.50	9,875.00	9,723.90	28.11	29.44	141.26	-1111.63	364.84	2,027.12	1,988.82	57.59	28.969	
10,000.00	9,858.00	9,973.00	9,821.40	28.42	29.75	140.81	-1123.26	380.49	2,040.75	2,002.34	58.23	28.538	

**Hewlett-Packard**  
Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>	5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1											<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											<b>Offset Well Error:</b>	3.28 usft
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>							<b>Warning</b>
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	
10,100.00	7,226.24	6,891.83	6,779.26	47.70	20.07	-66.97	-756.26	-103.58	2,262.46	2,215.79	46.68	48.470	
10,200.00	7,223.20	6,883.25	6,770.84	49.24	20.04	-66.61	-755.24	-104.88	2,345.38	2,298.65	46.72	50.197	
10,300.00	7,220.16	6,882.13	6,769.74	50.79	20.04	-66.56	-755.11	-105.05	2,429.51	2,382.74	46.77	51.945	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.84	2.94	-1,019.81	1,019.82				
100.00	100.00	100.00	100.00	3.28	3.28	-89.84	2.94	-1,019.81	1,019.82	1,012.29	7.53	135.455	
200.00	200.00	200.00	200.00	3.31	3.31	-89.84	2.94	-1,019.81	1,019.82	1,012.24	7.57	134.649	
300.00	300.00	332.89	332.85	3.35	3.36	-159.19	0.72	-1,017.67	1,018.61	1,010.94	7.67	132.752	
400.00	399.93	465.30	464.92	3.41	3.46	-159.66	-5.90	-1,011.29	1,017.06	1,009.24	7.82	130.051	
500.00	499.68	596.76	595.49	3.50	3.60	-160.47	-16.80	-1,000.76	1,015.69	1,007.66	8.03	126.503	
600.00	599.13	726.83	723.86	3.62	3.81	-161.60	-31.81	-986.26	1,014.69	1,006.38	8.31	122.105	
671.94	670.42	817.12	812.36	3.72	4.00	-162.57	-44.69	-973.83	1,014.35	1,005.79	8.56	118.537	CC, ES
700.00	698.15	844.58	839.20	3.76	4.07	-162.89	-48.86	-969.80	1,014.50	1,005.85	8.65	117.218	
800.00	796.71	942.32	934.74	3.94	4.32	-164.04	-63.72	-955.45	1,017.01	1,007.97	9.04	112.535	
900.00	895.20	1,040.03	1,030.24	4.14	4.60	-165.19	-78.58	-941.11	1,020.36	1,010.89	9.46	107.809	
1,000.00	993.68	1,137.74	1,125.74	4.37	4.90	-166.34	-93.43	-926.76	1,024.14	1,014.20	9.93	103.118	
1,100.00	1,092.17	1,235.44	1,221.23	4.62	5.22	-167.48	-108.28	-912.42	1,028.34	1,017.91	10.43	98.558	
1,200.00	1,190.66	1,333.15	1,316.73	4.89	5.56	-168.62	-123.14	-898.08	1,032.97	1,022.01	10.96	94.212	
1,300.00	1,289.14	1,430.85	1,412.23	5.17	5.91	-169.74	-137.99	-883.74	1,038.01	1,026.49	11.52	90.081	
1,400.00	1,387.63	1,528.56	1,507.73	5.47	6.27	-170.85	-152.84	-869.39	1,043.47	1,031.37	12.10	86.210	
1,500.00	1,486.12	1,626.27	1,603.23	5.77	6.64	-171.95	-167.70	-855.05	1,049.33	1,036.62	12.70	82.597	
1,600.00	1,584.60	1,723.97	1,698.73	6.09	7.02	-173.03	-182.55	-840.71	1,055.59	1,042.26	13.32	79.236	
1,700.00	1,683.09	1,821.68	1,794.23	6.41	7.36	-174.11	-197.40	-826.37	1,062.23	1,048.31	13.92	76.323	
1,800.00	1,781.58	1,919.38	1,889.73	6.74	7.54	-175.17	-212.26	-812.02	1,069.26	1,055.07	14.19	75.354	
1,900.00	1,880.06	2,017.09	1,985.23	6.92	7.59	-176.22	-227.11	-797.68	1,076.67	1,062.48	14.18	75.909	
2,000.00	1,978.55	2,114.79	2,080.73	6.96	7.66	-177.25	-241.96	-783.34	1,084.44	1,070.16	14.28	75.924	
2,100.00	2,077.04	2,212.50	2,176.23	7.01	7.75	-178.27	-256.82	-769.00	1,092.57	1,078.16	14.42	75.788	
2,200.00	2,175.52	2,310.21	2,271.73	7.08	7.86	-179.27	-271.67	-754.65	1,101.06	1,086.47	14.58	75.510	
2,300.00	2,274.01	2,407.91	2,367.23	7.17	7.98	-179.74	-286.52	-740.31	1,109.88	1,095.11	14.78	75.101	
2,400.00	2,372.50	2,505.62	2,462.72	7.27	8.11	-178.76	-301.38	-725.97	1,119.05	1,104.04	15.01	74.573	
2,500.00	2,470.99	2,603.32	2,558.22	7.38	8.26	-177.80	-316.23	-711.63	1,128.54	1,113.28	15.26	73.942	
2,600.00	2,569.47	2,701.03	2,653.72	7.51	8.43	-176.86	-331.08	-697.28	1,138.35	1,122.80	15.55	73.221	
2,700.00	2,667.96	2,801.27	2,749.22	7.65	8.61	-175.93	-345.94	-682.94	1,148.47	1,132.61	15.86	72.403	
2,800.00	2,766.45	2,903.56	2,844.72	7.81	8.81	-175.02	-360.79	-668.60	1,158.90	1,142.69	16.21	71.505	
2,900.00	2,864.93	3,005.85	2,940.22	7.97	9.02	-174.13	-375.64	-654.26	1,169.62	1,153.04	16.58	70.559	
3,000.00	2,963.42	3,108.15	3,035.72	8.15	9.24	-173.25	-390.49	-639.91	1,180.63	1,163.66	16.97	69.577	
3,100.00	3,061.91	3,189.56	3,131.22	8.33	9.43	-172.39	-405.35	-625.57	1,191.91	1,174.58	17.33	68.763	
3,200.00	3,160.39	3,287.26	3,226.72	8.53	9.66	-171.54	-420.20	-611.23	1,203.47	1,185.71	17.75	67.788	
3,300.00	3,258.88	3,384.97	3,322.22	8.73	9.90	-170.71	-435.05	-596.89	1,215.29	1,197.10	18.19	66.807	
3,400.00	3,357.37	3,482.68	3,417.72	8.94	10.14	-169.89	-449.91	-582.54	1,227.36	1,208.72	18.64	65.829	
3,500.00	3,455.85	3,580.38	3,513.22	9.16	10.40	-169.09	-464.76	-568.20	1,239.69	1,220.58	19.11	64.858	
3,600.00	3,554.34	3,678.09	3,608.71	9.39	10.66	-168.30	-479.61	-553.86	1,252.25	1,232.66	19.60	63.900	
3,700.00	3,652.83	3,775.79	3,704.21	9.62	10.93	-167.53	-494.47	-539.52	1,265.05	1,244.96	20.09	62.959	
3,800.00	3,751.31	3,873.50	3,799.71	9.86	11.20	-166.78	-509.32	-525.17	1,278.08	1,257.48	20.60	62.039	
3,900.00	3,849.80	3,971.20	3,895.21	10.10	11.48	-166.04	-524.17	-510.83	1,291.32	1,270.20	21.12	61.140	
4,000.00	3,948.29	4,068.91	3,990.71	10.35	11.77	-165.32	-539.03	-496.49	1,304.78	1,283.13	21.65	60.267	
4,100.00	4,046.77	4,166.62	4,086.21	10.61	12.06	-164.60	-553.88	-482.15	1,318.45	1,296.26	22.19	59.418	
4,200.00	4,145.26	4,264.32	4,181.71	10.86	12.35	-163.91	-568.73	-467.80	1,332.31	1,309.58	22.74	58.596	
4,300.00	4,243.75	4,362.03	4,277.21	11.13	12.65	-163.23	-583.59	-453.46	1,346.37	1,323.08	23.29	57.801	
4,400.00	4,342.23	4,459.73	4,372.71	11.39	12.95	-162.56	-598.44	-439.12	1,360.62	1,336.77	23.86	57.032	
4,500.00	4,440.72	4,557.44	4,468.21	11.66	13.26	-161.90	-613.29	-424.78	1,375.05	1,350.63	24.43	56.291	
4,600.00	4,539.21	4,655.15	4,563.71	11.94	13.57	-161.26	-628.15	-410.43	1,389.66	1,364.65	25.00	55.576	
4,700.00	4,637.70	4,752.85	4,659.21	12.22	13.88	-160.63	-643.00	-396.09	1,404.44	1,378.85	25.59	54.887	
4,800.00	4,736.18	4,850.56	4,754.71	12.50	14.19	-160.02	-657.85	-381.75	1,419.38	1,393.20	26.18	54.223	
4,900.00	4,834.67	4,948.26	4,850.20	12.78	14.51	-159.42	-672.71	-367.41	1,434.49	1,407.71	26.77	53.584	
5,000.00	4,933.16	5,045.97	4,945.70	13.07	14.83	-158.83	-687.56	-353.06	1,449.74	1,422.38	27.37	52.969	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.64	5,143.67	5,041.20	13.35	15.15	158.25	-702.41	-338.72	1,465.16	1,437.18	27.97	52.378	
5,200.00	5,130.13	5,241.38	5,136.70	13.64	15.48	157.68	-717.27	-324.38	1,480.71	1,452.13	28.58	51.809	
5,300.00	5,228.62	5,339.09	5,232.20	13.94	15.81	157.13	-732.12	-310.04	1,496.41	1,467.22	29.19	51.261	
5,400.00	5,327.10	5,436.79	5,327.70	14.23	16.13	156.58	-746.97	-295.70	1,512.24	1,482.44	29.81	50.735	
5,500.00	5,425.59	5,534.50	5,423.20	14.53	16.47	156.05	-761.83	-281.35	1,528.21	1,497.79	30.43	50.228	
5,600.00	5,524.08	5,632.20	5,518.70	14.83	16.80	155.53	-776.68	-267.01	1,544.31	1,513.26	31.05	49.741	
5,700.00	5,622.56	5,729.91	5,614.20	15.13	17.13	155.02	-791.53	-252.67	1,560.53	1,528.86	31.67	49.272	
5,800.00	5,721.05	5,827.61	5,709.70	15.43	17.47	154.52	-806.39	-238.33	1,576.87	1,544.57	32.30	48.821	
5,900.00	5,819.54	5,925.32	5,805.20	15.73	17.80	154.02	-821.24	-223.98	1,593.33	1,560.40	32.93	48.387	
6,000.00	5,918.02	6,023.03	5,900.70	16.03	18.14	153.54	-836.09	-209.64	1,609.90	1,576.34	33.56	47.969	
6,100.00	6,016.51	6,120.73	5,996.19	16.34	18.48	153.07	-850.95	-195.30	1,626.58	1,592.38	34.20	47.566	
6,200.00	6,115.00	7,923.38	6,989.76	16.65	30.83	116.01	-1,004.99	930.13	1,613.42	1,572.16	41.26	39.101	
6,300.00	6,213.48	7,939.07	6,989.68	16.95	31.02	115.38	-1,004.97	945.82	1,567.50	1,524.92	42.58	36.814	
6,400.00	6,311.97	7,954.76	6,989.60	17.26	31.21	114.76	-1,004.95	961.51	1,526.59	1,482.69	43.90	34.773	
6,500.00	6,410.46	7,970.44	6,989.51	17.57	31.41	114.13	-1,004.93	977.19	1,491.11	1,445.90	45.21	32.982	
6,600.00	6,508.95	7,986.13	6,989.43	17.88	31.60	113.50	-1,004.91	992.88	1,461.46	1,414.98	46.48	31.442	
6,700.00	6,607.69	8,000.05	6,989.36	18.17	31.77	127.11	-1,004.89	1,006.70	1,437.95	1,390.31	47.64	30.183	
6,800.00	6,707.39	8,000.15	6,989.35	18.34	31.77	-132.37	-1,004.89	1,006.90	1,420.92	1,372.49	48.42	29.343	
6,900.00	6,805.96	7,984.72	6,989.44	18.45	31.58	-106.78	-1,004.91	991.47	1,410.94	1,362.13	48.81	28.905	
6,996.37	6,897.63	7,955.42	6,989.59	18.49	31.22	-100.02	-1,004.95	962.17	1,407.92	1,359.11	48.81	28.848 SF	
7,000.00	6,900.99	7,954.04	6,989.60	18.49	31.20	-99.83	-1,004.95	960.79	1,407.92	1,359.12	48.80	28.852	
7,100.00	6,990.14	7,908.87	6,989.84	18.49	30.65	-95.36	-1,005.01	915.62	1,411.00	1,362.59	48.41	29.149	
7,200.00	7,071.20	7,850.32	6,990.15	18.47	29.96	-91.37	-1,005.09	857.07	1,418.75	1,371.04	47.71	29.734	
7,300.00	7,142.19	7,779.82	6,990.52	18.46	29.14	-87.59	-1,005.18	786.57	1,429.37	1,382.56	46.81	30.538	
7,400.00	7,201.35	7,700.88	6,990.95	18.48	28.25	-84.15	-1,005.29	705.88	1,440.92	1,395.11	45.81	31.455	
7,500.00	7,247.23	7,610.21	6,991.42	18.58	27.29	-81.30	-1,005.40	616.96	1,451.57	1,406.81	44.76	32.428	
7,600.00	7,278.70	7,515.26	6,991.92	18.78	26.34	-79.26	-1,005.53	522.02	1,459.80	1,415.99	43.82	33.317	
7,700.00	7,294.98	7,426.13	6,988.16	19.08	25.50	-78.03	-1,004.99	433.04	1,464.78	1,421.72	43.06	34.019	
7,800.00	7,296.21	7,340.43	6,973.17	19.48	24.73	-77.25	-1,002.70	348.75	1,466.69	1,424.24	42.45	34.548	
7,900.00	7,293.16	7,259.06	6,948.71	20.02	24.04	-76.37	-998.93	271.30	1,468.68	1,426.64	42.03	34.939	
8,000.00	7,290.12	7,184.47	6,917.88	20.67	23.45	-75.24	-994.17	203.59	1,472.45	1,430.65	41.80	35.225	
8,100.00	7,287.08	7,117.61	6,883.76	21.44	22.95	-73.98	-988.89	146.36	1,478.70	1,436.95	41.74	35.424	
8,200.00	7,284.04	7,058.58	6,848.86	22.31	22.53	-72.67	-983.48	99.09	1,488.06	1,446.22	41.84	35.567	
8,300.00	7,281.00	7,006.93	6,814.88	23.26	22.19	-71.41	-978.21	60.56	1,501.11	1,459.05	42.06	35.688	
8,400.00	7,277.95	6,961.91	6,782.84	24.29	21.91	-70.21	-973.24	29.36	1,518.29	1,475.90	42.39	35.818	
8,500.00	7,274.91	6,922.71	6,753.22	25.39	21.67	-69.11	-968.65	4.10	1,539.89	1,497.10	42.79	35.987	
8,600.00	7,271.87	6,888.51	6,726.17	26.55	21.48	-68.11	-964.45	-16.39	1,566.07	1,522.83	43.24	36.217	
8,700.00	7,268.83	6,850.00	6,694.45	27.76	21.27	-66.95	-959.52	-37.66	1,596.93	1,553.26	43.67	36.566	
8,800.00	7,265.79	6,832.25	6,679.42	29.01	21.17	-66.40	-957.19	-46.80	1,632.28	1,588.06	44.22	36.916	
8,900.00	7,262.75	6,800.00	6,651.48	30.31	21.01	-65.39	-952.85	-62.32	1,672.18	1,627.52	44.66	37.443	
9,000.00	7,259.70	6,800.00	6,651.48	31.64	21.01	-65.39	-952.85	-62.32	1,716.33	1,671.10	45.24	37.942	
9,100.00	7,256.66	6,770.02	6,624.85	33.00	20.86	-64.43	-948.71	-75.44	1,764.41	1,718.77	45.64	38.660	
9,200.00	7,253.62	6,750.00	6,606.74	34.38	20.77	-63.78	-945.90	-83.49	1,816.39	1,770.34	46.05	39.441	
9,300.00	7,250.58	6,750.00	6,606.74	35.80	20.77	-63.78	-945.90	-83.49	1,872.00	1,825.49	46.51	40.248	
9,400.00	7,247.54	6,725.37	6,584.13	37.23	20.66	-62.98	-942.38	-92.59	1,930.72	1,883.88	46.84	41.219	
9,500.00	7,244.49	6,700.00	6,560.49	38.68	20.55	-62.15	-938.71	-101.04	1,992.72	1,945.59	47.14	42.277	
9,600.00	7,241.45	6,700.00	6,560.49	40.15	20.55	-62.15	-938.71	-101.04	2,057.25	2,009.76	47.48	43.326	
9,700.00	7,238.41	6,700.00	6,560.49	41.64	20.55	-62.15	-938.71	-101.04	2,124.52	2,076.73	47.79	44.452	
9,800.00	7,235.37	6,682.82	6,544.30	43.14	20.48	-61.58	-936.19	-106.21	2,194.05	2,146.02	48.03	45.683	
9,900.00	7,232.33	6,674.29	6,536.22	44.65	20.44	-61.30	-934.93	-108.62	2,265.78	2,217.52	48.26	46.951	
10,000.00	7,229.28	6,650.00	6,513.02	46.17	20.35	-60.50	-931.33	-114.86	2,339.71	2,291.28	48.43	48.314	
10,100.00	7,226.24	6,650.00	6,513.02	47.70	20.35	-60.50	-931.33	-114.86	2,415.06	2,366.42	48.63	49.658	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft	
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft	
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,200.00	7,223.20	6,650.00	6,513.02	49.24	20.35	-60.50	-931.33	-114.86	2,492.14	2,443.32	48.82	51.049			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.82	3.30	-1,059.63	1,059.63				
100.00	100.00	100.00	100.00	3.28	3.28	-89.82	3.30	-1,059.63	1,059.63	1,052.10	7.53	140.743	
200.00	200.00	200.00	200.00	3.31	3.31	-89.82	3.30	-1,059.63	1,059.63	1,052.06	7.57	139.906	
300.00	300.00	347.24	347.18	3.35	3.37	-159.15	1.42	-1,056.35	1,057.81	1,050.13	7.68	137.725	
400.00	399.93	493.95	493.44	3.41	3.49	-159.58	-4.20	-1,046.56	1,054.40	1,046.56	7.84	134.515	
500.00	499.68	639.69	637.97	3.50	3.67	-160.32	-13.46	-1,030.42	1,049.90	1,041.84	8.06	130.240	
600.00	599.13	764.38	760.80	3.62	3.89	-161.19	-24.12	-1,011.85	1,044.88	1,036.54	8.33	125.364	
700.00	698.15	863.36	858.15	3.76	4.10	-161.97	-33.03	-996.32	1,042.65	1,034.01	8.64	120.643	
725.99	723.81	889.07	883.43	3.80	4.16	-162.17	-35.35	-992.29	1,042.59	1,033.86	8.73	119.422	
800.00	796.71	962.24	955.39	3.94	4.34	-162.78	-41.93	-980.81	1,043.51	1,034.51	9.00	115.988	
900.00	895.20	1,061.09	1,052.61	4.14	4.60	-163.59	-50.83	-965.30	1,044.98	1,035.59	9.39	111.288	
1,000.00	993.68	1,159.94	1,149.83	4.37	4.88	-164.41	-59.73	-949.80	1,046.67	1,036.86	9.82	106.615	
1,100.00	1,092.17	1,258.79	1,247.05	4.62	5.18	-165.22	-68.63	-934.29	1,048.58	1,038.30	10.27	102.052	
1,200.00	1,190.66	1,357.64	1,344.27	4.89	5.49	-166.03	-77.53	-918.79	1,050.70	1,039.94	10.76	97.683	
1,300.00	1,289.14	1,456.49	1,441.49	5.17	5.81	-166.83	-86.43	-903.28	1,053.03	1,041.77	11.26	93.487	
1,400.00	1,387.63	1,555.34	1,538.71	5.47	6.14	-167.63	-95.33	-887.77	1,055.58	1,043.79	11.79	89.529	
1,500.00	1,486.12	1,654.19	1,635.93	5.77	6.48	-168.43	-104.23	-872.27	1,058.33	1,046.00	12.33	85.803	
1,600.00	1,584.60	1,753.04	1,733.15	6.09	6.82	-169.22	-113.13	-856.76	1,061.30	1,048.40	12.89	82.309	
1,700.00	1,683.09	1,851.89	1,830.37	6.41	7.08	-170.01	-122.03	-841.25	1,064.46	1,051.25	13.22	80.528	
1,800.00	1,781.58	1,950.74	1,927.59	6.74	7.20	-170.80	-130.93	-825.75	1,067.84	1,054.25	13.58	78.605	
1,900.00	1,880.06	2,049.59	2,024.81	6.92	7.25	-171.58	-139.83	-810.24	1,071.42	1,057.85	13.56	78.999	
2,000.00	1,978.55	2,148.44	2,122.03	6.96	7.32	-172.35	-148.72	-794.74	1,075.19	1,061.55	13.65	78.793	
2,100.00	2,077.04	2,247.29	2,219.25	7.01	7.40	-173.12	-157.62	-779.23	1,079.17	1,065.41	13.76	78.419	
2,200.00	2,175.52	2,346.14	2,316.47	7.08	7.50	-173.88	-166.52	-763.72	1,083.34	1,069.43	13.91	77.888	
2,300.00	2,274.01	2,444.99	2,413.69	7.17	7.61	-174.64	-175.42	-748.22	1,087.71	1,073.62	14.09	77.214	
2,400.00	2,372.50	2,543.84	2,510.91	7.27	7.74	-175.39	-184.32	-732.71	1,092.27	1,077.97	14.29	76.410	
2,500.00	2,470.99	2,642.69	2,608.13	7.38	7.88	-176.13	-193.22	-717.21	1,097.02	1,082.48	14.53	75.495	
2,600.00	2,569.47	2,741.54	2,705.35	7.51	8.03	-176.87	-202.12	-701.70	1,101.95	1,087.16	14.79	74.483	
2,700.00	2,667.96	2,840.39	2,802.57	7.65	8.19	-177.60	-211.02	-686.19	1,107.07	1,091.99	15.08	73.393	
2,800.00	2,766.45	2,939.24	2,899.79	7.81	8.37	-178.33	-219.92	-670.69	1,112.37	1,096.97	15.40	72.240	
2,900.00	2,864.93	3,038.09	2,997.01	7.97	8.56	-179.04	-228.82	-655.18	1,117.85	1,102.12	15.74	71.040	
3,000.00	2,963.42	3,136.94	3,094.23	8.15	8.76	-179.75	-237.72	-639.68	1,123.51	1,107.42	16.09	69.806	
3,100.00	3,061.91	3,235.79	3,191.45	8.33	8.96	-179.54	-246.62	-624.17	1,129.34	1,112.87	16.47	68.552	
3,200.00	3,160.39	3,334.64	3,288.67	8.53	9.18	-178.85	-255.52	-608.66	1,135.35	1,118.47	16.87	67.288	
3,300.00	3,258.88	3,433.49	3,385.89	8.73	9.40	-178.16	-264.41	-593.16	1,141.52	1,124.23	17.29	66.024	
3,400.00	3,357.37	3,532.34	3,483.11	8.94	9.63	-177.47	-273.31	-577.65	1,147.86	1,130.13	17.72	64.768	
3,500.00	3,455.85	3,631.19	3,580.33	9.16	9.87	-176.80	-282.21	-562.15	1,154.36	1,136.19	18.17	63.527	
3,600.00	3,554.34	3,730.05	3,677.55	9.39	10.11	-176.13	-291.11	-546.64	1,161.02	1,142.38	18.63	62.306	
3,700.00	3,652.83	3,828.90	3,774.77	9.62	10.37	-175.47	-300.01	-531.13	1,167.84	1,148.73	19.11	61.109	
3,800.00	3,751.31	3,927.75	3,871.99	9.86	10.62	-174.82	-308.91	-515.63	1,174.81	1,155.21	19.60	59.941	
3,900.00	3,849.80	4,026.60	3,969.21	10.10	10.88	-174.18	-317.81	-500.12	1,181.94	1,161.84	20.10	58.803	
4,000.00	3,948.29	4,125.45	4,066.43	10.35	11.15	-173.54	-326.71	-484.62	1,189.22	1,168.60	20.61	57.697	
4,100.00	4,046.77	4,224.30	4,163.65	10.61	11.42	-172.91	-335.61	-469.11	1,196.64	1,175.51	21.13	56.625	
4,200.00	4,145.26	4,323.15	4,260.87	10.86	11.69	-172.29	-344.51	-453.60	1,204.21	1,182.54	21.66	55.587	
4,300.00	4,243.75	4,422.00	4,358.09	11.13	11.97	-171.68	-353.41	-438.10	1,211.92	1,189.71	22.20	54.584	
4,400.00	4,342.23	4,520.85	4,455.32	11.39	12.26	-171.07	-362.31	-422.59	1,219.76	1,197.01	22.75	53.616	
4,500.00	4,440.72	4,619.70	4,552.54	11.66	12.54	-170.47	-371.21	-407.09	1,227.75	1,204.44	23.31	52.682	
4,600.00	4,539.21	4,718.55	4,649.76	11.94	12.83	-169.88	-380.11	-391.58	1,235.86	1,212.00	23.87	51.781	
4,700.00	4,637.70	4,817.40	4,746.98	12.22	13.12	-169.30	-389.00	-376.07	1,244.11	1,219.68	24.44	50.914	
4,800.00	4,736.18	4,916.25	4,844.20	12.50	13.42	-168.72	-397.90	-360.57	1,252.49	1,227.48	25.01	50.079	
4,900.00	4,834.67	5,015.10	4,941.42	12.78	13.72	-168.16	-406.80	-345.06	1,260.99	1,235.40	25.59	49.276	
5,000.00	4,933.16	5,113.95	5,038.64	13.07	14.02	-167.60	-415.70	-329.56	1,269.61	1,243.44	26.18	48.503	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.64	5,212.80	5,135.86	13.35	14.32	167.04	-424.60	-314.05	1,278.36	1,251.59	26.77	47.759	
5,200.00	5,130.13	5,311.65	5,233.08	13.64	14.62	166.50	-433.50	-298.54	1,287.22	1,259.86	27.36	47.044	
5,300.00	5,228.62	5,410.50	5,330.30	13.94	14.93	165.96	-442.40	-283.04	1,296.20	1,268.24	27.96	46.357	
5,400.00	5,327.10	5,509.35	5,427.52	14.23	15.24	165.43	-451.30	-267.53	1,305.29	1,276.73	28.57	45.695	
5,500.00	5,425.59	5,608.20	5,524.74	14.53	15.55	164.91	-460.20	-252.03	1,314.50	1,285.32	29.17	45.059	
5,600.00	5,524.08	5,707.05	5,621.96	14.83	15.86	164.39	-469.10	-236.52	1,323.81	1,294.03	29.78	44.447	
5,700.00	5,622.56	5,805.90	5,719.18	15.13	16.17	163.88	-478.00	-221.01	1,333.23	1,302.83	30.40	43.858	
5,800.00	5,721.05	5,904.75	5,816.40	15.43	16.49	163.38	-486.90	-205.51	1,342.75	1,311.73	31.02	43.291	
5,900.00	5,819.54	6,003.60	5,913.62	15.73	16.80	162.89	-495.80	-190.00	1,352.38	1,320.74	31.64	42.746	
6,000.00	5,918.02	6,102.45	6,010.84	16.03	17.12	162.40	-504.69	-174.49	1,362.10	1,329.84	32.26	42.221	
6,100.00	6,016.51	6,201.30	6,108.06	16.34	17.44	161.92	-513.59	-158.99	1,371.92	1,339.04	32.89	41.716	
6,200.00	6,115.00	6,300.15	6,205.28	16.65	17.76	161.44	-522.49	-143.48	1,381.84	1,348.33	33.52	41.229	
6,300.00	6,213.48	7,985.07	7,115.61	16.95	30.12	118.33	-601.99	947.25	1,316.53	1,277.40	39.13	33.645	
6,400.00	6,311.97	8,000.96	7,115.55	17.26	30.32	117.46	-601.92	963.13	1,255.73	1,215.11	40.62	30.913	
6,500.00	6,410.46	8,016.84	7,115.50	17.57	30.52	116.58	-601.85	979.01	1,199.99	1,157.79	42.19	28.440	
6,600.00	6,508.95	8,032.73	7,115.44	17.88	30.73	115.70	-601.78	994.90	1,150.03	1,106.21	43.82	26.246	
6,700.00	6,607.69	8,046.74	7,115.39	18.17	30.91	128.06	-601.72	1,008.91	1,106.56	1,061.15	45.41	24.369	
6,800.00	6,707.39	8,047.14	7,115.39	18.34	30.91	-133.38	-601.72	1,009.31	1,070.32	1,023.63	46.69	22.923	
6,900.00	6,805.96	8,031.91	7,115.44	18.45	30.72	-109.24	-601.79	994.08	1,042.83	995.26	47.57	21.920	
7,000.00	6,900.99	8,001.42	7,115.55	18.49	30.32	-103.22	-601.92	963.60	1,024.82	976.84	47.98	21.357	
7,100.00	6,990.14	7,956.43	7,115.71	18.49	29.76	-99.21	-602.12	918.60	1,015.91	967.99	47.92	21.201 SF	
7,166.72	7,045.25	7,918.88	7,115.84	18.48	29.29	-96.60	-602.28	881.05	1,014.37	966.75	47.63	21.299 CC, ES	
7,200.00	7,071.20	7,901.96	7,115.91	18.47	29.08	-95.28	-602.37	860.21	1,014.71	967.25	47.47	21.378	
7,300.00	7,142.19	7,827.69	7,116.16	18.46	28.19	-91.25	-602.68	789.86	1,019.14	972.53	46.61	21.867	
7,400.00	7,201.35	7,747.11	7,116.44	18.48	27.24	-87.39	-603.03	709.28	1,026.74	981.13	45.61	22.509	
7,500.00	7,247.23	7,658.28	7,116.75	18.58	26.25	-84.08	-603.42	620.46	1,035.13	990.56	44.58	23.221	
7,600.00	7,278.70	7,565.51	7,116.75	18.78	25.26	-81.66	-603.80	527.69	1,042.30	998.68	43.62	23.895	
7,700.00	7,294.98	7,479.61	7,108.59	19.08	24.39	-79.92	-603.39	442.24	1,047.54	1,004.69	42.85	24.447	
7,800.00	7,296.21	7,396.13	7,089.76	19.48	23.58	-78.60	-601.98	360.99	1,050.90	1,008.68	42.22	24.891	
7,900.00	7,293.16	7,317.59	7,062.53	20.02	22.86	-77.25	-599.77	287.41	1,055.26	1,013.49	41.77	25.264	
8,000.00	7,290.12	7,246.20	7,030.12	20.67	22.25	-75.61	-597.04	223.90	1,062.46	1,020.98	41.48	25.612	
8,100.00	7,287.08	7,182.55	6,995.41	21.44	21.74	-73.85	-594.06	170.66	1,073.42	1,032.06	41.36	25.955	
8,200.00	7,284.04	7,126.53	6,960.62	22.31	21.32	-72.08	-591.03	126.88	1,088.91	1,047.55	41.36	26.328	
8,300.00	7,281.00	7,077.55	6,927.17	23.26	20.98	-70.40	-588.09	91.25	1,109.55	1,068.09	41.46	26.759	
8,400.00	7,277.95	7,034.86	6,895.85	24.29	20.70	-68.84	-585.32	62.37	1,135.72	1,094.08	41.64	27.273	
8,500.00	7,274.91	7,000.00	6,868.90	25.39	20.48	-67.52	-582.92	40.40	1,167.57	1,125.69	41.88	27.879	
8,600.00	7,271.87	6,965.09	6,840.75	26.55	20.28	-66.15	-580.41	19.91	1,205.07	1,162.95	42.12	28.612	
8,700.00	7,268.83	6,936.54	6,816.93	27.76	20.12	-65.00	-578.28	4.33	1,248.02	1,205.65	42.37	29.453	
8,800.00	7,265.79	6,911.39	6,795.39	29.01	19.98	-63.98	-576.34	-8.50	1,296.13	1,253.51	42.62	30.410	
8,900.00	7,262.75	6,900.00	6,785.47	30.31	19.92	-63.51	-575.45	-14.02	1,349.13	1,306.24	42.89	31.452	
9,000.00	7,259.70	6,869.35	6,758.30	31.64	19.77	-62.25	-573.01	-28.00	1,406.33	1,363.26	43.07	32.654	
9,100.00	7,256.66	6,850.00	6,740.82	33.00	19.67	-61.44	-571.43	-36.14	1,467.62	1,424.37	43.25	33.932	
9,200.00	7,253.62	6,835.81	6,727.85	34.38	19.61	-60.85	-570.25	-41.77	1,532.51	1,489.09	43.43	35.291	
9,300.00	7,250.58	6,821.51	6,714.65	35.80	19.54	-60.25	-569.06	-47.15	1,600.64	1,557.06	43.57	36.736	
9,400.00	7,247.54	6,800.00	6,694.58	37.23	19.45	-59.36	-567.24	-54.68	1,671.71	1,628.03	43.68	38.272	
9,500.00	7,244.49	6,800.00	6,694.58	38.68	19.45	-59.36	-567.24	-54.68	1,745.24	1,701.43	43.81	39.839	
9,600.00	7,241.45	6,800.00	6,694.58	40.15	19.45	-59.36	-567.24	-54.68	1,821.29	1,777.38	43.91	41.478	
9,700.00	7,238.41	6,776.26	6,672.16	41.64	19.35	-58.37	-565.20	-62.19	1,899.05	1,855.07	43.97	43.185	
9,800.00	7,235.37	6,767.24	6,663.57	43.14	19.31	-58.00	-564.42	-64.82	1,978.81	1,934.77	44.04	44.932	
9,900.00	7,232.33	6,750.00	6,647.05	44.65	19.24	-57.28	-562.92	-69.51	2,060.28	2,016.19	44.09	46.727	
10,000.00	7,229.28	6,750.00	6,647.05	46.17	19.24	-57.28	-562.92	-69.51	2,143.07	2,098.93	44.14	48.547	
10,100.00	7,226.24	6,750.00	6,647.05	47.70	19.24	-57.28	-562.92	-69.51	2,227.27	2,183.08	44.19	50.406	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										<b>Offset Well Error:</b>	3.28 usft
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>							<b>Warning</b>
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	
10,200.00	7,223.20	6,750.00	6,647.05	49.24	19.24	-57.28	-562.92	-69.51	2,312.73	2,268.51	44.22	52.299	
10,300.00	7,220.16	6,731.41	6,629.09	50.79	19.18	-56.52	-561.28	-74.06	2,399.00	2,354.74	44.26	54.207	
10,400.00	7,217.12	6,725.67	6,623.53	52.35	19.15	-56.28	-560.77	-75.36	2,486.37	2,442.08	44.28	56.145	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-66W-06 Offsets Incomplete - BRANDONDI 1 - PDC SI Well - Actual MS Energy Surveys												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7000-SRC Energy_2° CONE_2.448												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,800.00	7,144.11	7,236.94	7,235.79	90.95	20.86	-97.07	-421.32	-6,964.48	2,446.46	2,386.16	60.30	40.571	
12,900.00	7,141.07	7,233.73	7,232.58	92.58	20.81	-96.86	-421.44	-6,964.49	2,353.29	2,291.38	61.91	38.011	
13,000.00	7,138.03	7,230.51	7,229.37	94.22	20.76	-96.65	-421.57	-6,964.49	2,260.70	2,197.04	63.66	35.510	
13,100.00	7,134.99	7,227.30	7,226.15	95.86	20.70	-96.44	-421.69	-6,964.50	2,168.76	2,103.19	65.57	33.073	
13,200.00	7,131.95	7,224.08	7,222.94	97.50	20.65	-96.22	-421.82	-6,964.50	2,077.57	2,009.91	67.66	30.705	
13,300.00	7,128.90	7,220.87	7,219.73	99.14	20.59	-96.01	-421.94	-6,964.51	1,987.21	1,917.27	69.95	28.411	
13,400.00	7,125.86	7,217.65	7,216.52	100.79	20.54	-95.80	-422.07	-6,964.52	1,897.82	1,825.38	72.44	26.197	
13,500.00	7,122.82	7,214.44	7,213.30	102.43	20.49	-95.59	-422.19	-6,964.52	1,809.54	1,734.35	75.19	24.067	
13,600.00	7,119.78	7,211.22	7,210.09	104.07	20.43	-95.38	-422.32	-6,964.53	1,722.53	1,644.33	78.19	22.029	
13,700.00	7,116.74	7,208.01	7,206.88	105.72	20.38	-95.17	-422.44	-6,964.53	1,636.99	1,555.49	81.50	20.086	
13,800.00	7,113.69	7,204.79	7,203.66	107.36	20.32	-94.96	-422.57	-6,964.54	1,553.18	1,468.05	85.13	18.246	
13,900.00	7,110.65	7,201.58	7,200.45	109.01	20.27	-94.75	-422.69	-6,964.55	1,471.39	1,382.28	89.11	16.512	
14,000.00	7,107.61	7,201.64	7,197.24	110.66	20.27	-94.53	-422.82	-6,964.55	1,391.97	1,298.44	93.53	14.883	
14,100.00	7,104.57	7,195.14	7,194.03	112.31	20.18	-94.32	-422.94	-6,964.56	1,315.35	1,217.09	98.25	13.387	
14,200.00	7,101.53	7,191.93	7,190.81	113.96	20.14	-94.11	-423.07	-6,964.56	1,242.05	1,138.61	103.44	12.008	
14,300.00	7,098.49	7,188.71	7,187.60	115.60	20.10	-93.90	-423.19	-6,964.57	1,172.69	1,063.68	109.01	10.758	
14,400.00	7,095.44	7,185.50	7,184.39	117.25	20.06	-93.69	-423.32	-6,964.58	1,108.02	993.09	114.93	9.641	
14,500.00	7,092.40	7,182.28	7,181.17	118.91	20.02	-93.48	-423.44	-6,964.58	1,048.90	927.81	121.09	8.662	
14,600.00	7,089.36	7,179.07	7,177.96	120.56	19.98	-93.26	-423.57	-6,964.59	996.32	868.99	127.33	7.825	
14,700.00	7,086.32	7,175.85	7,174.75	122.21	19.93	-93.05	-423.69	-6,964.59	951.37	817.96	133.40	7.131	
14,800.00	7,083.28	7,172.64	7,171.54	123.86	19.89	-92.84	-423.82	-6,964.60	915.16	776.18	138.98	6.585	
14,900.00	7,080.23	7,169.42	7,168.32	125.51	19.85	-92.63	-423.94	-6,964.60	888.78	745.08	143.70	6.185	
15,000.00	7,077.19	7,166.21	7,165.11	127.17	19.81	-92.42	-424.07	-6,964.61	873.10	725.92	147.18	5.932	
15,088.24	7,074.51	7,163.37	7,162.28	128.63	19.78	-92.23	-424.18	-6,964.62	868.63	719.64	148.99	5.830 CC	
15,100.00	7,074.15	7,162.99	7,161.90	128.82	19.77	-92.20	-424.19	-6,964.62	868.71	719.57	149.14	5.825 ES, SF	
15,200.00	7,071.11	7,159.78	7,158.68	130.48	19.73	-91.99	-424.32	-6,964.62	875.79	726.33	149.46	5.860	
15,300.00	7,068.07	7,156.56	7,155.47	132.13	19.69	-91.78	-424.44	-6,964.63	894.05	745.85	148.20	6.033	
15,400.00	7,065.03	7,153.35	7,152.26	133.79	19.65	-91.57	-424.57	-6,964.63	922.83	777.25	145.58	6.339	
15,500.00	7,061.98	7,150.13	7,149.05	135.44	19.61	-91.36	-424.69	-6,964.64	961.20	819.25	141.95	6.771	
15,600.00	7,058.94	7,146.92	7,145.83	137.10	19.56	-91.14	-424.82	-6,964.65	1,008.04	870.41	137.63	7.324	
15,665.20	7,056.96	7,144.82	7,143.74	138.18	19.54	-91.01	-424.90	-6,964.65	1,042.62	908.02	134.60	7.746	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,100.00	7,165.41	7,140.41	7,080.34	79.53	15.91	89.55	2,358.92	-5,516.95	2,464.74	2,386.68	78.06	31.576		
12,200.00	7,162.36	7,139.46	7,079.40	81.16	15.91	89.52	2,358.91	-5,516.93	2,403.21	2,322.34	80.87	29.717		
12,300.00	7,159.32	7,138.51	7,078.44	82.79	15.91	89.50	2,358.89	-5,516.91	2,344.34	2,260.57	83.77	27.985		
12,400.00	7,156.28	7,137.54	7,077.48	84.42	15.91	89.47	2,358.88	-5,516.89	2,288.32	2,201.58	86.75	26.379		
12,500.00	7,153.24	7,136.58	7,076.51	86.05	15.90	89.44	2,358.86	-5,516.87	2,235.38	2,145.59	89.78	24.897		
12,600.00	7,150.20	7,135.60	7,075.54	87.68	15.90	89.41	2,358.85	-5,516.85	2,185.73	2,092.86	92.87	23.536		
12,700.00	7,147.16	7,134.62	7,074.56	89.31	15.90	89.38	2,358.83	-5,516.83	2,139.60	2,043.62	95.98	22.293		
12,800.00	7,144.11	7,133.64	7,073.57	90.95	15.90	89.35	2,358.81	-5,516.81	2,097.23	1,998.14	99.09	21.165		
12,900.00	7,141.07	7,132.64	7,072.58	92.58	15.90	89.32	2,358.80	-5,516.79	2,058.85	1,956.67	102.17	20.151		
13,000.00	7,138.03	7,131.64	7,071.58	94.22	15.89	89.29	2,358.78	-5,516.77	2,024.68	1,919.48	105.20	19.246		
13,100.00	7,134.99	7,130.63	7,070.57	95.86	15.89	89.26	2,358.77	-5,516.75	1,994.94	1,886.80	108.14	18.447		
13,200.00	7,131.95	7,129.62	7,069.56	97.50	15.89	89.23	2,358.75	-5,516.73	1,969.84	1,858.88	110.96	17.752		
13,300.00	7,128.90	7,128.60	7,068.53	99.14	15.89	89.20	2,358.73	-5,516.71	1,949.55	1,835.92	113.63	17.158		
13,400.00	7,125.86	7,127.57	7,067.51	100.79	15.89	89.17	2,358.72	-5,516.69	1,934.22	1,818.12	116.10	16.660		
13,500.00	7,122.82	7,126.53	7,066.47	102.43	15.88	89.14	2,358.70	-5,516.67	1,923.98	1,805.62	118.36	16.256		
13,600.00	7,119.78	7,125.49	7,065.43	104.07	15.88	89.11	2,358.69	-5,516.65	1,918.89	1,798.53	120.37	15.942		
13,647.68	7,118.33	7,124.99	7,064.93	104.86	15.88	89.09	2,358.68	-5,516.64	1,918.30	1,797.07	121.23	15.823 CC		
13,700.00	7,116.74	7,124.44	7,064.38	105.72	15.88	89.08	2,358.67	-5,516.62	1,919.02	1,796.91	122.11	15.715 ES		
13,800.00	7,113.69	7,123.38	7,063.32	107.36	15.88	89.04	2,358.65	-5,516.60	1,924.34	1,800.77	123.57	15.572		
13,900.00	7,110.65	7,122.32	7,062.26	109.01	15.87	89.01	2,358.63	-5,516.58	1,934.82	1,810.07	124.75	15.510 SF		
14,000.00	7,107.61	7,121.24	7,061.19	110.66	15.87	88.98	2,358.62	-5,516.56	1,950.38	1,824.74	125.64	15.524		
14,100.00	7,104.57	7,120.16	7,060.11	112.31	15.87	88.95	2,358.60	-5,516.54	1,970.90	1,844.65	126.25	15.611		
14,200.00	7,101.53	7,119.08	7,059.02	113.96	15.87	88.91	2,358.58	-5,516.52	1,996.22	1,869.64	126.59	15.770		
14,300.00	7,098.49	7,117.98	7,057.92	115.60	15.87	88.88	2,358.57	-5,516.49	2,026.17	1,899.49	126.68	15.995		
14,400.00	7,095.44	7,118.41	7,058.36	117.25	15.87	88.90	2,358.57	-5,516.51	2,060.53	1,933.99	126.54	16.284		
14,500.00	7,092.40	7,117.25	7,057.20	118.91	15.86	88.86	2,358.55	-5,516.48	2,099.10	1,972.92	126.19	16.635		
14,600.00	7,089.36	7,116.08	7,056.02	120.56	15.86	88.83	2,358.53	-5,516.46	2,141.65	2,016.00	125.66	17.044		
14,700.00	7,086.32	7,114.89	7,054.83	122.21	15.86	88.79	2,358.51	-5,516.43	2,187.95	2,062.98	124.97	17.508		
14,800.00	7,083.28	7,113.68	7,053.63	123.86	15.86	88.75	2,358.49	-5,516.41	2,237.76	2,113.61	124.15	18.025		
14,900.00	7,080.23	7,112.46	7,052.40	125.51	15.85	88.72	2,358.47	-5,516.39	2,290.85	2,167.63	123.22	18.591		
15,000.00	7,077.19	7,111.22	7,051.16	127.17	15.85	88.68	2,358.45	-5,516.36	2,347.01	2,224.80	122.20	19.206		
15,100.00	7,074.15	7,109.96	7,049.91	128.82	15.85	88.64	2,358.43	-5,516.34	2,406.01	2,284.89	121.12	19.865		
15,200.00	7,071.11	7,108.69	7,048.63	130.48	15.85	88.60	2,358.41	-5,516.31	2,467.65	2,347.67	119.98	20.568		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,300.00	7,189.74	7,272.59	7,141.84	66.61	16.57	95.42	948.62	-5,608.42	2,486.88	2,448.97	37.90	65.614	
11,400.00	7,186.70	7,270.99	7,140.24	68.22	16.57	95.24	948.63	-5,608.39	2,389.09	2,350.65	38.44	62.155	
11,500.00	7,183.66	7,269.38	7,138.63	69.83	16.56	95.06	948.65	-5,608.37	2,291.49	2,252.45	39.04	58.693	
11,600.00	7,180.62	7,267.76	7,137.02	71.44	16.56	94.88	948.67	-5,608.35	2,194.11	2,154.39	39.73	55.232	
11,700.00	7,177.57	7,266.14	7,135.39	73.05	16.56	94.70	948.69	-5,608.33	2,096.97	2,056.48	40.50	51.779	
11,800.00	7,174.53	7,264.51	7,133.76	74.67	16.55	94.51	948.71	-5,608.31	2,000.12	1,958.74	41.38	48.341	
11,900.00	7,171.49	7,262.86	7,132.12	76.29	16.55	94.33	948.73	-5,608.29	1,903.59	1,861.21	42.37	44.925	
12,000.00	7,168.45	7,261.21	7,130.47	77.91	16.55	94.14	948.75	-5,608.27	1,807.43	1,763.92	43.51	41.541	
12,100.00	7,165.41	7,259.55	7,128.81	79.53	16.54	93.96	948.77	-5,608.25	1,711.71	1,666.90	44.81	38.199	
12,200.00	7,162.36	7,257.88	7,127.14	81.16	16.54	93.77	948.79	-5,608.23	1,616.51	1,570.21	46.30	34.912	
12,300.00	7,159.32	7,256.21	7,125.46	82.79	16.54	93.58	948.81	-5,608.20	1,521.93	1,473.91	48.02	31.694	
12,400.00	7,156.28	7,254.52	7,123.77	84.42	16.53	93.39	948.83	-5,608.18	1,428.08	1,378.07	50.00	28.560	
12,500.00	7,153.24	7,252.82	7,122.07	86.05	16.53	93.20	948.85	-5,608.16	1,335.11	1,282.81	52.30	25.526	
12,600.00	7,150.20	7,251.11	7,120.37	87.68	16.53	93.01	948.87	-5,608.14	1,243.24	1,188.26	54.98	22.613	
12,700.00	7,147.16	7,249.40	7,118.65	89.31	16.52	92.81	948.90	-5,608.12	1,152.73	1,094.62	58.11	19.837	
12,800.00	7,144.11	7,247.67	7,116.93	90.95	16.52	92.62	948.92	-5,608.10	1,063.90	1,002.13	61.78	17.222	
12,900.00	7,141.07	7,245.94	7,115.19	92.58	16.52	92.42	948.94	-5,608.08	977.24	911.15	66.09	14.786	
13,000.00	7,138.03	7,244.19	7,113.45	94.22	16.51	92.23	948.96	-5,608.06	893.37	822.20	71.17	12.552	
13,100.00	7,134.99	7,242.44	7,111.69	95.86	16.51	92.03	948.98	-5,608.03	813.14	736.01	77.13	10.542	
13,200.00	7,131.95	7,240.67	7,109.93	97.50	16.51	91.83	949.01	-5,608.01	737.76	653.69	84.07	8.776	
13,300.00	7,128.90	7,238.90	7,108.15	99.14	16.50	91.63	949.03	-5,607.99	668.86	576.89	91.96	7.273	
13,400.00	7,125.86	7,237.11	7,106.37	100.79	16.50	91.43	949.05	-5,607.97	608.64	508.05	100.59	6.051	
13,500.00	7,122.82	7,235.32	7,104.57	102.43	16.50	91.23	949.07	-5,607.95	559.92	450.61	109.32	5.122	
13,600.00	7,119.78	7,233.51	7,102.77	104.07	16.49	91.02	949.10	-5,607.93	525.91	408.93	116.98	4.496	
13,700.00	7,116.74	7,231.70	7,100.95	105.72	16.49	90.82	949.12	-5,607.90	509.54	387.47	122.07	4.174	
13,734.75	7,115.68	7,231.06	7,100.32	106.29	16.49	90.75	949.13	-5,607.90	508.36	385.35	123.01	4.133 CC, ES, SF	
13,800.00	7,113.69	7,229.87	7,099.13	107.36	16.49	90.61	949.14	-5,607.88	512.53	389.05	123.48	4.151	
13,900.00	7,110.65	7,228.03	7,097.29	109.01	16.48	90.41	949.17	-5,607.86	534.53	413.36	121.18	4.411	
14,000.00	7,107.61	7,226.18	7,095.44	110.66	16.48	90.20	949.19	-5,607.84	573.38	457.19	116.19	4.935	
14,100.00	7,104.57	7,224.33	7,093.58	112.31	16.47	89.99	949.22	-5,607.82	625.93	516.05	109.88	5.696	
14,200.00	7,101.53	7,222.46	7,091.72	113.96	16.47	89.78	949.24	-5,607.79	689.07	585.76	103.31	6.670	
14,300.00	7,098.49	7,220.58	7,089.84	115.60	16.47	89.57	949.27	-5,607.77	760.15	663.07	97.08	7.830	
14,400.00	7,095.44	7,218.69	7,087.95	117.25	16.46	89.35	949.29	-5,607.75	837.16	745.70	91.46	9.153	
14,500.00	7,092.40	7,216.79	7,086.04	118.91	16.46	89.14	949.32	-5,607.73	918.61	832.09	86.52	10.617	
14,600.00	7,089.36	7,214.87	7,084.13	120.56	16.46	88.92	949.34	-5,607.71	1,003.41	921.19	82.22	12.204	
14,700.00	7,086.32	7,212.95	7,082.21	122.21	16.45	88.71	949.37	-5,607.69	1,090.79	1,012.29	78.50	13.896	
14,800.00	7,083.28	7,211.01	7,080.27	123.86	16.45	88.49	949.40	-5,607.66	1,180.17	1,104.89	75.27	15.678	
14,900.00	7,080.23	7,209.07	7,078.33	125.51	16.44	88.27	949.42	-5,607.64	1,271.13	1,198.65	72.48	17.538	
15,000.00	7,077.19	7,207.11	7,076.37	127.17	16.44	88.05	949.45	-5,607.62	1,363.35	1,293.31	70.04	19.465	
15,100.00	7,074.15	7,205.14	7,074.40	128.82	16.44	87.83	949.48	-5,607.60	1,456.60	1,388.69	67.91	21.448	
15,200.00	7,071.11	7,203.15	7,072.41	130.48	16.43	87.61	949.51	-5,607.58	1,550.69	1,484.64	66.05	23.479	
15,300.00	7,068.07	7,201.16	7,070.42	132.13	16.43	87.38	949.53	-5,607.55	1,645.47	1,581.07	64.40	25.551	
15,400.00	7,065.03	7,199.22	7,068.48	133.79	16.42	87.17	949.56	-5,607.53	1,740.84	1,677.89	62.94	27.657	
15,500.00	7,061.98	7,197.38	7,066.64	135.44	16.42	86.96	949.59	-5,607.51	1,836.69	1,775.04	61.65	29.793	
15,600.00	7,058.94	7,195.55	7,064.81	137.10	16.42	86.75	949.61	-5,607.49	1,932.97	1,872.47	60.50	31.951	
15,665.20	7,056.96	7,194.36	7,063.63	138.18	16.42	86.62	949.63	-5,607.48	1,995.93	1,936.12	59.81	33.370	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													5N-66W-06 Offsets Incomplete - SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys		Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft		
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
11,500.00	7,183.66	7,528.89	7,068.03	69.83	25.10	-88.37	-376.34	-5,690.96	2,455.94	2,402.69	53.25	46.117				
11,600.00	7,180.62	7,526.52	7,065.67	71.44	25.10	-88.21	-376.11	-5,690.94	2,361.88	2,307.51	54.38	43.437				
11,700.00	7,177.57	7,524.15	7,063.32	73.05	25.10	-88.04	-375.89	-5,690.93	2,268.33	2,212.72	55.60	40.796				
11,800.00	7,174.53	7,521.79	7,060.96	74.67	25.09	-87.88	-375.66	-5,690.91	2,175.34	2,118.40	56.94	38.201				
11,900.00	7,171.49	7,519.42	7,058.60	76.29	25.09	-87.71	-375.43	-5,690.89	2,083.00	2,024.58	58.42	35.656				
12,000.00	7,168.45	7,517.05	7,056.25	77.91	25.09	-87.55	-375.21	-5,690.88	1,991.40	1,931.36	60.04	33.168				
12,100.00	7,165.41	7,514.69	7,053.89	79.53	25.08	-87.38	-374.98	-5,690.86	1,900.65	1,838.82	61.82	30.743				
12,200.00	7,162.36	7,512.32	7,051.53	81.16	25.08	-87.21	-374.76	-5,690.84	1,810.86	1,747.07	63.79	28.388				
12,300.00	7,159.32	7,509.95	7,049.18	82.79	25.08	-87.05	-374.53	-5,690.83	1,722.20	1,656.24	65.96	26.110				
12,400.00	7,156.28	7,507.58	7,046.82	84.42	25.07	-86.88	-374.31	-5,690.81	1,634.84	1,566.48	68.36	23.916				
12,500.00	7,153.24	7,505.22	7,044.46	86.05	25.07	-86.72	-374.08	-5,690.80	1,549.01	1,478.00	71.01	21.814				
12,600.00	7,150.20	7,502.85	7,042.11	87.68	25.07	-86.55	-373.86	-5,690.78	1,464.97	1,391.03	73.94	19.813				
12,700.00	7,147.16	7,500.48	7,039.75	89.31	25.06	-86.39	-373.63	-5,690.76	1,383.06	1,305.87	77.18	17.919				
12,800.00	7,144.11	7,498.12	7,037.40	90.95	25.06	-86.22	-373.41	-5,690.75	1,303.66	1,222.90	80.76	16.143				
12,900.00	7,141.07	7,495.75	7,035.04	92.58	25.06	-86.05	-373.18	-5,690.73	1,227.28	1,142.59	84.69	14.491				
13,000.00	7,138.03	7,493.38	7,032.68	94.22	25.06	-85.89	-372.95	-5,690.71	1,154.51	1,065.52	88.99	12.973				
13,100.00	7,134.99	7,491.02	7,030.33	95.86	25.05	-85.72	-372.73	-5,690.70	1,086.07	992.42	93.66	11.596				
13,200.00	7,131.95	7,488.65	7,027.97	97.50	25.05	-85.55	-372.50	-5,690.68	1,022.84	924.20	98.64	10.370				
13,300.00	7,128.90	7,486.28	7,025.62	99.14	25.05	-85.39	-372.28	-5,690.67	965.84	861.98	103.86	9.300				
13,400.00	7,125.86	7,483.92	7,023.26	100.79	25.04	-85.22	-372.05	-5,690.65	916.22	807.06	109.16	8.393				
13,500.00	7,122.82	7,481.55	7,020.90	102.43	25.04	-85.06	-371.83	-5,690.63	875.26	760.92	114.34	7.655				
13,600.00	7,119.78	7,479.18	7,018.55	104.07	25.04	-84.89	-371.60	-5,690.62	844.21	725.12	119.09	7.089				
13,700.00	7,116.74	7,476.82	7,016.19	105.72	25.03	-84.72	-371.38	-5,690.60	824.18	701.12	123.07	6.697				
13,800.00	7,113.69	7,474.45	7,013.84	107.36	25.03	-84.56	-371.15	-5,690.59	816.00	690.05	125.95	6.479				
13,817.13	7,113.17	7,474.04	7,013.43	107.65	25.03	-84.53	-371.11	-5,690.58	815.82	689.51	126.31	6.459 CC, ES				
13,900.00	7,110.65	7,472.08	7,011.48	109.01	25.03	-84.39	-370.92	-5,690.57	820.02	692.53	127.49	6.432 SF				
14,000.00	7,107.61	7,469.72	7,009.13	110.66	25.02	-84.23	-370.70	-5,690.55	836.05	708.43	127.62	6.551				
14,100.00	7,104.57	7,467.35	7,006.77	112.31	25.02	-84.06	-370.47	-5,690.54	863.44	736.98	126.46	6.828				
14,200.00	7,101.53	7,464.98	7,004.42	113.96	25.02	-83.89	-370.25	-5,690.52	901.15	776.91	124.24	7.253				
14,300.00	7,098.49	7,462.62	7,002.06	115.60	25.01	-83.73	-370.02	-5,690.50	947.94	826.68	121.26	7.817				
14,400.00	7,095.44	7,460.25	6,999.70	117.25	25.01	-83.56	-369.80	-5,690.49	1,002.55	884.72	117.83	8.508				
14,500.00	7,092.40	7,459.53	6,998.98	118.91	25.01	-83.51	-369.72	-5,690.48	1,063.77	949.56	114.20	9.315				
14,600.00	7,089.36	7,456.66	6,996.13	120.56	25.01	-83.31	-369.45	-5,690.46	1,130.53	1,020.00	110.53	10.228				
14,700.00	7,086.32	7,453.80	6,993.28	122.21	25.00	-83.11	-369.18	-5,690.44	1,201.91	1,094.96	106.95	11.238				
14,800.00	7,083.28	7,450.95	6,990.44	123.86	25.00	-82.91	-368.91	-5,690.42	1,277.13	1,173.60	103.53	12.336				
14,900.00	7,080.23	7,448.11	6,987.62	125.51	24.99	-82.71	-368.64	-5,690.41	1,355.55	1,255.22	100.32	13.512				
15,000.00	7,077.19	7,445.28	6,984.80	127.17	24.99	-82.51	-368.37	-5,690.39	1,436.65	1,339.31	97.34	14.759				
15,100.00	7,074.15	7,442.46	6,981.99	128.82	24.99	-82.31	-368.09	-5,690.37	1,520.00	1,425.41	94.58	16.070				
15,200.00	7,071.11	7,439.65	6,979.20	130.48	24.98	-82.12	-367.82	-5,690.35	1,605.24	1,513.19	92.05	17.439				
15,300.00	7,068.07	7,436.85	6,976.41	132.13	24.98	-81.92	-367.55	-5,690.33	1,692.10	1,602.38	89.72	18.860				
15,400.00	7,065.03	7,434.06	6,973.64	133.79	24.97	-81.72	-367.27	-5,690.31	1,780.34	1,692.76	87.58	20.328				
15,500.00	7,061.98	7,431.29	6,970.88	135.44	24.97	-81.53	-367.00	-5,690.29	1,869.75	1,784.13	85.62	21.838				
15,600.00	7,058.94	7,428.52	6,968.12	137.10	24.97	-81.34	-366.72	-5,690.27	1,960.19	1,876.37	83.82	23.385				
15,665.20	7,056.96	7,426.72	6,966.33	138.18	24.96	-81.21	-366.54	-5,690.25	2,019.63	1,936.90	82.73	24.412				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,226.24	7,267.24	7,267.24	47.70	255.75	-94.34	-475.77	-4,258.08	2,456.52	2,174.92	281.60	8.723	
10,200.00	7,223.20	7,264.20	7,264.20	49.24	255.64	-94.15	-475.77	-4,258.08	2,364.03	2,081.56	282.48	8.369	
10,300.00	7,220.16	7,261.16	7,261.16	50.79	255.53	-93.96	-475.77	-4,258.08	2,272.17	1,988.72	283.45	8.016	
10,400.00	7,217.12	7,258.12	7,258.12	52.35	255.42	-93.77	-475.77	-4,258.08	2,181.03	1,896.49	284.54	7.665	
10,500.00	7,214.08	7,255.08	7,255.08	53.91	255.31	-93.58	-475.77	-4,258.08	2,090.68	1,804.93	285.75	7.316	
10,600.00	7,211.03	7,252.03	7,252.03	55.48	255.21	-93.39	-475.77	-4,258.08	2,001.25	1,714.16	287.10	6.971	
10,700.00	7,207.99	7,248.99	7,248.99	57.06	255.10	-93.20	-475.77	-4,258.08	1,912.87	1,624.27	288.59	6.628	
10,800.00	7,204.95	7,245.95	7,245.95	58.64	254.99	-93.01	-475.77	-4,258.08	1,825.68	1,535.42	290.26	6.290	
10,900.00	7,201.91	7,242.91	7,242.91	60.22	254.88	-92.82	-475.77	-4,258.08	1,739.86	1,447.75	292.11	5.956	
11,000.00	7,198.87	7,239.87	7,239.87	61.82	254.78	-92.63	-475.77	-4,258.08	1,655.63	1,361.46	294.16	5.628	
11,100.00	7,195.82	7,236.82	7,236.82	63.41	254.67	-92.44	-475.77	-4,258.08	1,573.24	1,276.80	296.44	5.307	
11,200.00	7,192.78	7,233.78	7,233.78	65.01	254.56	-92.25	-475.77	-4,258.08	1,492.99	1,194.04	298.96	4.994	
11,300.00	7,189.74	7,230.74	7,230.74	66.61	254.45	-92.06	-475.77	-4,258.08	1,415.26	1,113.53	301.73	4.691	
11,400.00	7,186.70	7,227.70	7,227.70	68.22	254.34	-91.87	-475.77	-4,258.08	1,340.48	1,035.71	304.77	4.398	
11,500.00	7,183.66	7,224.66	7,224.66	69.83	254.24	-91.68	-475.77	-4,258.08	1,269.16	961.08	308.08	4.120	
11,600.00	7,180.62	7,221.62	7,221.62	71.44	254.13	-91.49	-475.77	-4,258.08	1,201.94	890.28	311.65	3.857	
11,700.00	7,177.57	7,218.57	7,218.57	73.05	254.02	-91.30	-475.77	-4,258.08	1,139.52	824.07	315.45	3.612	
11,800.00	7,174.53	7,215.53	7,215.53	74.67	253.91	-91.11	-475.77	-4,258.08	1,082.76	763.34	319.41	3.390	
11,900.00	7,171.49	7,212.49	7,212.49	76.29	253.81	-90.92	-475.77	-4,258.08	1,032.56	709.13	323.43	3.193	
12,000.00	7,168.45	7,209.45	7,209.45	77.91	253.70	-90.73	-475.77	-4,258.08	989.94	662.58	327.36	3.024	
12,100.00	7,165.41	7,206.41	7,206.41	79.53	253.59	-90.54	-475.77	-4,258.08	955.92	624.91	331.01	2.888	
12,200.00	7,162.36	7,203.36	7,203.36	81.16	253.48	-90.35	-475.77	-4,258.08	931.42	597.26	334.16	2.787	
12,300.00	7,159.32	7,200.32	7,200.32	82.79	253.37	-90.16	-475.77	-4,258.08	917.22	580.62	336.60	2.725	
12,381.37	7,156.85	7,202.15	7,197.85	84.11	253.44	-90.00	-475.77	-4,258.08	913.61	575.51	338.10	2.702 CC	
12,400.00	7,156.28	7,202.72	7,197.28	84.42	253.46	-89.96	-475.77	-4,258.08	913.80	575.44	338.36	2.701 ES, SF	
12,500.00	7,153.24	7,205.76	7,194.24	86.05	253.57	-89.77	-475.77	-4,258.08	921.27	582.08	339.19	2.716	
12,600.00	7,150.20	7,191.20	7,191.20	87.68	253.05	-89.58	-475.77	-4,258.08	939.38	600.92	338.46	2.775	
12,700.00	7,147.16	7,188.16	7,188.16	89.31	252.94	-89.39	-475.77	-4,258.08	967.53	630.21	337.32	2.868	
12,800.00	7,144.11	7,185.11	7,185.11	90.95	252.84	-89.20	-475.77	-4,258.08	1,004.87	669.36	335.52	2.995	
12,900.00	7,141.07	7,182.07	7,182.07	92.58	252.73	-89.01	-475.77	-4,258.08	1,050.43	717.18	333.25	3.152	
13,000.00	7,138.03	7,179.03	7,179.03	94.22	252.62	-88.82	-475.77	-4,258.08	1,103.19	772.50	330.69	3.336	
13,100.00	7,134.99	7,175.99	7,175.99	95.86	252.51	-88.63	-475.77	-4,258.08	1,162.17	834.18	327.99	3.543	
13,200.00	7,131.95	7,172.95	7,172.95	97.50	252.40	-88.44	-475.77	-4,258.08	1,226.47	901.21	325.25	3.771	
13,300.00	7,128.90	7,169.90	7,169.90	99.14	252.30	-88.25	-475.77	-4,258.08	1,295.29	972.73	322.56	4.016	
13,400.00	7,125.86	7,166.86	7,166.86	100.79	252.19	-88.06	-475.77	-4,258.08	1,367.97	1,047.99	319.98	4.275	
13,500.00	7,122.82	7,163.82	7,163.82	102.43	252.08	-87.87	-475.77	-4,258.08	1,443.90	1,126.38	317.52	4.547	
13,600.00	7,119.78	7,160.78	7,160.78	104.07	251.97	-87.68	-475.77	-4,258.08	1,522.62	1,207.41	315.21	4.831	
13,700.00	7,116.74	7,157.74	7,157.74	105.72	251.87	-87.49	-475.77	-4,258.08	1,603.70	1,290.66	313.05	5.123	
13,800.00	7,113.69	7,154.69	7,154.69	107.36	251.76	-87.30	-475.77	-4,258.08	1,686.81	1,375.78	311.03	5.423	
13,900.00	7,110.65	7,151.65	7,151.65	109.01	251.65	-87.11	-475.77	-4,258.08	1,771.66	1,462.50	309.16	5.731	
14,000.00	7,107.61	7,148.61	7,148.61	110.66	251.54	-86.92	-475.77	-4,258.08	1,858.02	1,550.59	307.43	6.044	
14,100.00	7,104.57	7,145.57	7,145.57	112.31	251.43	-86.73	-475.77	-4,258.08	1,945.67	1,639.85	305.82	6.362	
14,200.00	7,101.53	7,142.53	7,142.53	113.96	251.33	-86.54	-475.77	-4,258.08	2,034.46	1,730.13	304.33	6.685	
14,300.00	7,098.49	7,139.49	7,139.49	115.60	251.22	-86.35	-475.77	-4,258.08	2,124.25	1,821.30	302.95	7.012	
14,400.00	7,095.44	7,136.44	7,136.44	117.25	251.11	-86.16	-475.77	-4,258.08	2,214.90	1,913.23	301.67	7.342	
14,500.00	7,092.40	7,133.40	7,133.40	118.91	251.00	-85.97	-475.77	-4,258.08	2,306.32	2,005.85	300.48	7.676	
14,600.00	7,089.36	7,130.36	7,130.36	120.56	250.90	-85.78	-475.77	-4,258.08	2,398.43	2,099.06	299.37	8.012	
14,700.00	7,086.32	7,127.32	7,127.32	122.21	250.79	-85.59	-475.77	-4,258.08	2,491.14	2,192.80	298.34	8.350	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,130.13	15,755.18	7,159.29	13.64	258.82	123.06	-1,214.62	716.19	2,459.09	2,273.57	185.52	13.255		
5,300.00	5,228.62	15,773.46	7,159.68	13.94	259.36	122.45	-1,214.67	734.46	2,386.13	2,195.31	190.82	12.505		
5,400.00	5,327.10	15,808.26	7,160.07	14.23	260.38	121.84	-1,214.72	752.74	2,315.05	2,118.35	196.70	11.770		
5,500.00	5,425.59	15,810.02	7,160.46	14.53	260.43	121.23	-1,214.77	771.01	2,246.02	2,043.89	202.13	11.112		
5,600.00	5,524.08	15,828.30	7,160.84	14.83	260.97	120.61	-1,214.82	789.29	2,179.24	1,971.12	208.12	10.471		
5,700.00	5,622.56	15,846.57	7,161.23	15.13	261.51	119.99	-1,214.87	807.56	2,114.93	1,900.61	214.32	9.868		
5,800.00	5,721.05	15,864.85	7,161.62	15.43	262.05	119.37	-1,214.92	825.83	2,053.31	1,832.62	220.69	9.304		
5,900.00	5,819.54	15,883.13	7,162.01	15.73	262.59	118.75	-1,214.97	844.11	1,994.64	1,767.42	227.22	8.779		
6,000.00	5,918.02	15,901.41	7,162.40	16.03	263.13	118.12	-1,215.02	862.38	1,939.17	1,705.34	233.84	8.293		
6,100.00	6,016.51	15,919.69	7,162.79	16.34	263.67	117.50	-1,215.07	880.66	1,887.20	1,646.71	240.50	7.847		
6,200.00	6,115.00	15,937.97	7,163.18	16.65	264.20	116.87	-1,215.11	898.93	1,839.03	1,591.91	247.12	7.442		
6,300.00	6,213.48	15,956.25	7,163.57	16.95	264.74	116.24	-1,215.16	917.21	1,794.95	1,541.32	253.63	7.077		
6,400.00	6,311.97	15,974.52	7,163.96	17.26	265.28	115.61	-1,215.21	935.48	1,755.27	1,495.34	259.93	6.753		
6,500.00	6,410.46	16,007.20	7,164.35	17.57	266.24	114.98	-1,215.26	953.76	1,720.31	1,454.01	266.30	6.460		
6,600.00	6,508.95	16,011.08	7,164.74	17.88	266.36	114.35	-1,215.31	972.03	1,690.35	1,418.91	271.44	6.227		
6,700.00	6,607.69	16,027.50	7,165.09	18.17	266.84	127.87	-1,215.36	988.44	1,665.59	1,389.23	276.36	6.027		
6,800.00	6,707.39	16,030.32	7,165.15	18.34	266.93	-131.92	-1,215.36	991.27	1,646.17	1,366.03	280.15	5.876		
6,900.00	6,805.96	16,017.49	7,164.87	18.45	266.55	-106.82	-1,215.33	978.44	1,632.73	1,350.13	282.60	5.778		
7,000.00	6,900.99	15,989.32	7,164.27	18.49	265.72	-100.50	-1,215.25	950.28	1,625.37	1,341.74	283.63	5.731		
7,084.91	6,977.15	15,953.87	7,163.52	18.49	264.67	-97.26	-1,215.16	914.83	1,623.54	1,340.11	283.43	5.728 CC, ES, SF		
7,100.00	6,990.14	15,946.51	7,163.36	18.49	264.46	-96.74	-1,215.14	907.47	1,623.59	1,340.30	283.30	5.731		
7,200.00	7,071.20	15,909.90	7,162.16	18.47	263.38	-93.49	-1,214.99	851.08	1,626.35	1,343.97	282.38	5.759		
7,300.00	7,142.19	15,821.49	7,160.70	18.46	260.77	-90.38	-1,214.80	782.48	1,632.24	1,352.83	279.40	5.842		
7,400.00	7,201.35	15,742.36	7,159.01	18.48	258.44	-87.51	-1,214.59	703.37	1,639.65	1,363.21	276.44	5.931		
7,500.00	7,247.23	15,654.67	7,157.15	18.58	255.86	-85.07	-1,214.35	615.70	1,647.02	1,373.80	273.22	6.028		
7,600.00	7,278.70	15,560.58	7,155.14	18.78	253.09	-83.26	-1,214.09	521.63	1,653.00	1,382.98	270.02	6.122		
7,700.00	7,294.98	15,462.39	7,153.05	19.08	250.19	-82.24	-1,213.83	423.47	1,656.57	1,389.51	267.06	6.203		
7,800.00	7,296.21	15,362.52	7,150.93	19.48	247.25	-82.05	-1,213.56	323.62	1,657.25	1,392.80	264.45	6.267		
7,900.00	7,293.16	15,262.53	7,148.80	20.02	244.31	-82.08	-1,213.29	223.65	1,657.07	1,395.02	262.05	6.323		
8,000.00	7,290.12	15,162.53	7,146.67	20.67	241.36	-82.11	-1,213.02	123.67	1,656.90	1,397.11	259.79	6.378		
8,100.00	7,287.08	15,062.53	7,144.54	21.44	238.42	-82.14	-1,212.75	23.70	1,656.72	1,399.09	257.63	6.431		
8,200.00	7,284.04	14,962.54	7,142.41	22.31	235.48	-82.17	-1,212.48	-76.27	1,656.55	1,400.97	255.57	6.482		
8,300.00	7,281.00	14,862.54	7,140.28	23.26	232.54	-82.20	-1,212.21	-176.24	1,656.37	1,402.77	253.61	6.531		
8,400.00	7,277.95	14,762.55	7,138.15	24.29	229.59	-82.23	-1,211.94	-276.22	1,656.20	1,404.48	251.72	6.580		
8,500.00	7,274.91	14,662.55	7,136.02	25.39	226.65	-82.26	-1,211.67	-376.19	1,656.03	1,406.12	249.90	6.627		
8,600.00	7,271.87	14,562.56	7,133.89	26.55	223.71	-82.30	-1,211.40	-476.16	1,655.85	1,407.71	248.15	6.673		
8,700.00	7,268.83	14,462.56	7,131.77	27.76	220.77	-82.33	-1,211.13	-576.14	1,655.68	1,409.24	246.44	6.718		
8,800.00	7,265.79	14,362.56	7,129.64	29.01	217.83	-82.36	-1,210.86	-676.11	1,655.51	1,410.72	244.79	6.763		
8,900.00	7,262.75	14,262.57	7,127.51	30.31	214.89	-82.39	-1,210.59	-776.08	1,655.34	1,412.17	243.17	6.807		
9,000.00	7,259.70	14,162.57	7,125.38	31.64	211.96	-82.42	-1,210.32	-876.05	1,655.17	1,413.58	241.59	6.851		
9,100.00	7,256.66	14,062.58	7,123.25	33.00	209.02	-82.45	-1,210.05	-976.03	1,655.00	1,414.95	240.05	6.894		
9,200.00	7,253.62	13,962.58	7,121.12	34.38	206.08	-82.48	-1,209.78	-1,076.00	1,654.83	1,416.30	238.53	6.938		
9,300.00	7,250.58	13,862.59	7,118.99	35.80	203.15	-82.51	-1,209.51	-1,175.97	1,654.66	1,417.63	237.04	6.981		
9,400.00	7,247.54	13,762.59	7,116.86	37.23	200.21	-82.54	-1,209.24	-1,275.95	1,654.49	1,418.93	235.56	7.024		
9,500.00	7,244.49	13,662.59	7,114.73	38.68	197.28	-82.58	-1,208.97	-1,375.92	1,654.33	1,420.21	234.11	7.066		
9,600.00	7,241.45	13,562.60	7,112.60	40.15	194.34	-82.61	-1,208.70	-1,475.89	1,654.16	1,421.48	232.68	7.109		
9,700.00	7,238.41	13,462.60	7,110.47	41.64	191.41	-82.64	-1,208.43	-1,575.86	1,653.99	1,422.73	231.26	7.152		
9,800.00	7,235.37	13,362.61	7,108.34	43.14	188.48	-82.67	-1,208.15	-1,675.84	1,653.83	1,423.97	229.86	7.195		
9,900.00	7,232.33	13,262.61	7,106.22	44.65	185.55	-82.70	-1,207.88	-1,775.81	1,653.66	1,425.19	228.47	7.238		
10,000.00	7,229.28	13,162.61	7,104.09	46.17	182.62	-82.73	-1,207.61	-1,875.78	1,653.49	1,426.41	227.09	7.281		
10,100.00	7,226.24	13,062.62	7,101.96	47.70	179.69	-82.76	-1,207.34	-1,975.75	1,653.33	1,427.61	225.72	7.325		
10,200.00	7,223.20	12,962.62	7,099.83	49.24	176.76	-82.79	-1,207.07	-2,075.73	1,653.17	1,428.81	224.36	7.368		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,220.16	12,862.63	7,097.70	50.79	173.84	-82.82	-1,206.80	-2,175.70	1,653.00	1,429.99	223.01	7.412		
10,400.00	7,217.12	12,762.63	7,095.57	52.35	170.91	-82.86	-1,206.53	-2,275.67	1,652.84	1,431.17	221.67	7.456		
10,500.00	7,214.08	12,662.64	7,093.44	53.91	167.99	-82.89	-1,206.26	-2,375.65	1,652.68	1,432.34	220.34	7.501		
10,600.00	7,211.03	12,562.64	7,091.31	55.48	165.07	-82.92	-1,205.99	-2,475.62	1,652.51	1,433.50	219.01	7.545		
10,700.00	7,207.99	12,462.64	7,089.18	57.06	162.15	-82.95	-1,205.72	-2,575.59	1,652.35	1,434.66	217.69	7.590		
10,800.00	7,204.95	12,362.65	7,087.05	58.64	159.23	-82.98	-1,205.45	-2,675.56	1,652.19	1,435.81	216.38	7.635		
10,900.00	7,201.91	12,262.65	7,084.92	60.22	156.31	-83.01	-1,205.18	-2,775.54	1,652.03	1,436.95	215.08	7.681		
11,000.00	7,198.87	12,162.66	7,082.80	61.82	153.40	-83.04	-1,204.91	-2,875.51	1,651.87	1,438.09	213.78	7.727		
11,100.00	7,195.82	12,062.66	7,080.67	63.41	150.48	-83.07	-1,204.64	-2,975.48	1,651.71	1,439.22	212.49	7.773		
11,200.00	7,192.78	11,962.66	7,078.54	65.01	147.57	-83.11	-1,204.37	-3,075.46	1,651.55	1,440.35	211.20	7.820		
11,300.00	7,189.74	11,862.67	7,076.41	66.61	144.66	-83.14	-1,204.10	-3,175.43	1,651.39	1,441.47	209.91	7.867		
11,400.00	7,186.70	11,762.67	7,074.28	68.22	141.75	-83.17	-1,203.83	-3,275.40	1,651.23	1,442.59	208.64	7.914		
11,500.00	7,183.66	11,662.68	7,072.15	69.83	138.85	-83.20	-1,203.56	-3,375.37	1,651.07	1,443.71	207.37	7.962		
11,600.00	7,180.62	11,562.68	7,070.02	71.44	135.95	-83.23	-1,203.29	-3,475.35	1,650.91	1,444.82	206.10	8.010		
11,700.00	7,177.57	11,462.69	7,067.89	73.05	133.05	-83.26	-1,203.02	-3,575.32	1,650.76	1,445.92	204.84	8.059		
11,800.00	7,174.53	11,362.69	7,065.76	74.67	130.15	-83.29	-1,202.75	-3,675.29	1,650.60	1,447.02	203.58	8.108		
11,900.00	7,171.49	11,262.69	7,063.63	76.29	127.26	-83.32	-1,202.48	-3,775.26	1,650.45	1,448.12	202.33	8.157		
12,000.00	7,168.45	11,162.70	7,061.50	77.91	124.37	-83.36	-1,202.21	-3,875.24	1,650.29	1,449.21	201.08	8.207		
12,100.00	7,165.41	11,062.70	7,059.38	79.53	121.48	-83.39	-1,201.94	-3,975.21	1,650.13	1,450.29	199.84	8.257		
12,200.00	7,162.36	10,962.71	7,057.25	81.16	118.60	-83.42	-1,201.67	-4,075.18	1,649.98	1,451.37	198.61	8.308		
12,300.00	7,159.32	10,862.71	7,055.12	82.79	115.72	-83.45	-1,201.40	-4,175.16	1,649.83	1,452.45	197.38	8.359		
12,400.00	7,156.28	10,762.71	7,052.99	84.42	112.85	-83.48	-1,201.13	-4,275.13	1,649.67	1,453.52	196.15	8.410		
12,500.00	7,153.24	10,662.72	7,050.86	86.05	109.98	-83.51	-1,200.86	-4,375.10	1,649.52	1,454.59	194.93	8.462		
12,600.00	7,150.20	10,562.72	7,048.73	87.68	107.11	-83.54	-1,200.59	-4,475.07	1,649.37	1,455.64	193.72	8.514		
12,700.00	7,147.16	10,462.73	7,046.60	89.31	104.25	-83.57	-1,200.32	-4,575.05	1,649.21	1,456.70	192.52	8.567		
12,800.00	7,144.11	10,362.73	7,044.47	90.95	101.40	-83.61	-1,200.05	-4,675.02	1,649.06	1,457.74	191.32	8.619		
12,900.00	7,141.07	10,262.74	7,042.34	92.58	98.55	-83.64	-1,199.78	-4,774.99	1,648.91	1,458.78	190.13	8.673		
13,000.00	7,138.03	10,162.74	7,040.21	94.22	95.72	-83.67	-1,199.51	-4,874.97	1,648.76	1,459.81	188.95	8.726		
13,100.00	7,134.99	10,062.74	7,038.08	95.86	92.89	-83.70	-1,199.24	-4,974.94	1,648.61	1,460.84	187.77	8.780		
13,200.00	7,131.95	9,962.75	7,035.96	97.50	90.06	-83.73	-1,198.97	-5,074.91	1,648.46	1,461.85	186.61	8.834		
13,300.00	7,128.90	9,862.75	7,033.83	99.14	87.25	-83.76	-1,198.70	-5,174.88	1,648.31	1,462.86	185.45	8.888		
13,400.00	7,125.86	9,762.76	7,031.70	100.79	84.45	-83.79	-1,198.43	-5,274.86	1,648.16	1,463.85	184.31	8.942		
13,500.00	7,122.82	9,662.76	7,029.57	102.43	81.66	-83.83	-1,198.16	-5,374.83	1,648.01	1,464.84	183.18	8.997		
13,600.00	7,119.78	9,562.76	7,027.44	104.07	78.88	-83.86	-1,197.89	-5,474.80	1,647.87	1,465.81	182.06	9.051		
13,700.00	7,116.74	9,462.77	7,025.31	105.72	76.12	-83.89	-1,197.62	-5,574.78	1,647.72	1,466.77	180.95	9.106		
13,800.00	7,113.69	9,362.77	7,023.18	107.36	73.37	-83.92	-1,197.35	-5,674.75	1,647.57	1,467.71	179.87	9.160		
13,900.00	7,110.65	9,262.78	7,021.05	109.01	70.65	-83.95	-1,197.08	-5,774.72	1,647.43	1,468.63	178.80	9.214		
14,000.00	7,107.61	9,162.78	7,018.92	110.66	67.94	-83.98	-1,196.81	-5,874.69	1,647.28	1,469.54	177.74	9.268		
14,100.00	7,104.57	9,062.79	7,016.79	112.31	65.26	-84.01	-1,196.53	-5,974.67	1,647.14	1,470.42	176.72	9.321		
14,200.00	7,101.53	8,962.79	7,014.66	113.96	62.60	-84.05	-1,196.26	-6,074.64	1,646.99	1,471.28	175.71	9.373		
14,300.00	7,098.49	8,862.79	7,012.53	115.60	59.97	-84.08	-1,195.99	-6,174.61	1,646.85	1,472.11	174.74	9.425		
14,400.00	7,095.44	8,762.80	7,010.41	117.25	57.38	-84.11	-1,195.72	-6,274.58	1,646.70	1,472.91	173.79	9.475		
14,500.00	7,092.40	8,662.80	7,008.28	118.91	54.83	-84.14	-1,195.45	-6,374.56	1,646.56	1,473.68	172.88	9.524		
14,600.00	7,089.36	8,562.81	7,006.15	120.56	52.32	-84.17	-1,195.18	-6,474.53	1,646.42	1,474.40	172.02	9.571		
14,700.00	7,086.32	8,462.81	7,004.02	122.21	49.87	-84.20	-1,194.91	-6,574.50	1,646.27	1,475.08	171.20	9.616		
14,800.00	7,083.28	8,362.81	7,001.89	123.86	47.49	-84.23	-1,194.64	-6,674.48	1,646.13	1,475.70	170.44	9.658		
14,900.00	7,080.23	8,262.82	6,999.76	125.51	45.18	-84.27	-1,194.37	-6,774.45	1,645.99	1,476.25	169.74	9.697		
15,000.00	7,077.19	8,162.82	6,997.63	127.17	42.97	-84.30	-1,194.10	-6,874.42	1,645.85	1,476.73	169.12	9.732		
15,100.00	7,074.15	8,062.83	6,995.50	128.82	40.86	-84.33	-1,193.83	-6,974.39	1,645.71	1,477.13	168.58	9.762		
15,200.00	7,071.11	7,962.83	6,993.37	130.48	38.88	-84.36	-1,193.56	-7,074.37	1,645.57	1,477.42	168.16	9.786		
15,300.00	7,068.07	7,862.84	6,991.24	132.13	37.06	-84.39	-1,193.29	-7,174.34	1,645.43	1,477.58	167.85	9.803		
15,400.00	7,065.03	7,762.84	6,989.11	133.79	35.42	-84.42	-1,193.02	-7,274.31	1,645.29	1,477.61	167.68	9.812		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,061.98	7,662.84	6,986.99	135.44	33.98	-84.45	-1,192.75	-7,374.29	1,645.15	1,477.48	167.68	9.812	
15,554.61	7,060.32	7,624.92	6,985.82	136.35	33.48	-84.47	-1,192.60	-7,428.88	1,645.08	1,477.09	167.99	9.793	
15,600.00	7,058.94	7,585.45	6,984.59	137.10	33.01	-84.45	-1,192.68	-7,451.63	1,645.39	1,477.37	168.01	9.793	
15,665.20	7,056.96	7,550.00	6,981.17	138.18	32.60	-84.37	-1,193.10	-7,486.91	1,646.74	1,478.41	168.33	9.783	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design										5N-67W-01 Offsets Incomplete - Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI Planned Surv			Offset Site Error:		0.00 usft
Survey Program:										20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
13,300.00	7,128.90	6,720.00	6,613.65	99.14	21.39	70.46	1,871.53	-7,125.84	2,485.75	2,406.44	79.31	31.342			
13,400.00	7,125.86	6,720.00	6,613.65	100.79	21.39	70.46	1,871.53	-7,125.84	2,407.23	2,325.09	82.14	29.307			
13,500.00	7,122.82	6,720.00	6,613.65	102.43	21.39	70.46	1,871.53	-7,125.84	2,330.36	2,245.23	85.12	27.377			
13,600.00	7,119.78	6,720.00	6,613.65	104.07	21.39	70.46	1,871.53	-7,125.84	2,255.29	2,167.03	88.26	25.552			
13,700.00	7,116.74	6,720.00	6,613.65	105.72	21.39	70.46	1,871.53	-7,125.84	2,182.23	2,090.67	91.57	23.832			
13,800.00	7,113.69	6,720.00	6,613.65	107.36	21.39	70.46	1,871.53	-7,125.84	2,111.38	2,016.35	95.03	22.218			
13,900.00	7,110.65	6,751.73	6,644.46	109.01	21.42	71.63	1,876.13	-7,131.88	2,042.17	1,943.34	98.83	20.663			
14,000.00	7,107.61	6,757.74	6,650.26	110.66	21.43	71.85	1,877.00	-7,133.20	1,976.14	1,873.49	102.64	19.252			
14,100.00	7,104.57	6,764.38	6,656.65	112.31	21.44	72.09	1,877.96	-7,134.72	1,912.99	1,806.39	106.60	17.946			
14,200.00	7,101.53	6,771.76	6,663.73	113.96	21.45	72.36	1,879.03	-7,136.49	1,853.01	1,742.34	110.67	16.743			
14,300.00	7,098.49	6,779.99	6,671.61	115.60	21.46	72.67	1,880.22	-7,138.57	1,796.51	1,681.66	114.85	15.643			
14,400.00	7,095.44	6,789.25	6,680.43	117.25	21.47	73.00	1,881.56	-7,141.02	1,743.80	1,624.71	119.08	14.643			
14,500.00	7,092.40	6,820.00	6,709.48	118.91	21.50	74.13	1,885.98	-7,150.09	1,695.49	1,572.04	123.45	13.734			
14,600.00	7,089.36	6,820.00	6,709.48	120.56	21.50	74.13	1,885.98	-7,150.09	1,651.12	1,523.50	127.62	12.938			
14,700.00	7,086.32	6,820.00	6,709.48	122.21	21.50	74.13	1,885.98	-7,150.09	1,611.75	1,480.07	131.67	12.240			
14,800.00	7,083.28	6,841.26	6,729.29	123.86	21.52	74.89	1,889.02	-7,157.19	1,577.47	1,441.77	135.69	11.625			
14,900.00	7,080.23	6,859.91	6,746.47	125.51	21.54	75.56	1,891.67	-7,163.96	1,548.56	1,409.09	139.46	11.104			
15,000.00	7,077.19	6,882.05	6,766.58	127.17	21.55	76.35	1,894.79	-7,172.65	1,525.20	1,382.24	142.95	10.669			
15,100.00	7,074.15	6,908.66	6,790.34	128.82	21.58	77.28	1,898.50	-7,184.04	1,507.50	1,361.38	146.12	10.317			
15,200.00	7,071.11	6,941.13	6,818.67	130.48	21.60	78.40	1,902.98	-7,199.27	1,495.47	1,346.54	148.93	10.042			
15,300.00	7,068.07	6,981.41	6,852.66	132.13	21.62	79.75	1,908.41	-7,220.17	1,488.92	1,337.54	151.38	9.836			
15,379.72	7,065.64	7,020.90	6,884.65	133.45	21.65	81.02	1,913.59	-7,242.72	1,487.39	1,334.30	153.10	9.715 CC			
15,400.00	7,065.03	7,032.22	6,893.56	133.79	21.65	81.38	1,915.05	-7,249.56	1,487.49	1,333.97	153.52	9.689 ES			
15,500.00	7,061.98	7,097.32	6,942.32	135.44	21.70	83.33	1,923.14	-7,291.87	1,490.48	1,335.01	155.47	9.587			
15,600.00	7,058.94	7,181.63	6,998.64	137.10	21.80	85.59	1,932.82	-7,353.77	1,496.83	1,339.38	157.45	9.507			
15,665.20	7,056.96	7,249.51	7,037.78	138.18	21.94	87.17	1,939.84	-7,408.75	1,502.02	1,343.13	158.90	9.453 SF			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design										5N-67W-01 Offsets Incomplete - Bluff Federal 32N-2C-L - SRC Energy Planned Well - BHI Planned Sur				Offset Site Error:		0.00 usft
Survey Program:										20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1				Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
13,200.00	7,131.95	6,620.00	6,532.45	97.50	19.92	64.34	1,667.05	-7,135.34	2,485.46	2,416.32	69.14	35.950				
13,300.00	7,128.90	6,620.00	6,532.45	99.14	19.92	64.34	1,667.05	-7,135.34	2,402.29	2,330.63	71.65	33.527				
13,400.00	7,125.86	6,620.00	6,532.45	100.79	19.92	64.34	1,667.05	-7,135.34	2,320.45	2,246.12	74.33	31.218				
13,500.00	7,122.82	6,620.00	6,532.45	102.43	19.92	64.34	1,667.05	-7,135.34	2,240.08	2,162.90	77.18	29.024				
13,600.00	7,119.78	6,620.00	6,532.45	104.07	19.92	64.34	1,667.05	-7,135.34	2,161.35	2,081.14	80.21	26.945				
13,700.00	7,116.74	6,620.00	6,532.45	105.72	19.92	64.34	1,667.05	-7,135.34	2,084.45	2,001.02	83.43	24.985				
13,800.00	7,113.69	6,620.00	6,532.45	107.36	19.92	64.34	1,667.05	-7,135.34	2,009.58	1,922.74	86.84	23.142				
13,900.00	7,110.65	6,659.28	6,569.94	109.01	19.95	65.88	1,671.57	-7,146.15	1,935.67	1,845.12	90.55	21.377				
14,000.00	7,107.61	6,668.02	6,578.18	110.66	19.96	66.22	1,672.57	-7,148.87	1,864.97	1,770.59	94.38	19.760				
14,100.00	7,104.57	6,677.62	6,587.20	112.31	19.97	66.59	1,673.67	-7,151.99	1,796.91	1,698.50	98.41	18.259				
14,200.00	7,101.53	6,688.23	6,597.10	113.96	19.98	67.01	1,674.88	-7,155.60	1,731.78	1,629.16	102.63	16.875				
14,300.00	7,098.49	6,720.00	6,626.38	115.60	20.01	68.24	1,678.49	-7,167.39	1,670.21	1,563.18	107.03	15.604				
14,400.00	7,095.44	6,720.00	6,626.38	117.25	20.01	68.24	1,678.49	-7,167.39	1,611.60	1,500.05	111.55	14.448				
14,500.00	7,092.40	6,720.00	6,626.38	118.91	20.01	68.24	1,678.49	-7,167.39	1,557.21	1,441.07	116.14	13.408				
14,600.00	7,089.36	6,744.46	6,648.50	120.56	20.02	69.19	1,681.24	-7,177.46	1,507.05	1,386.21	120.84	12.471				
14,700.00	7,086.32	6,763.30	6,665.26	122.21	20.04	69.91	1,683.35	-7,185.79	1,461.57	1,336.06	125.51	11.645				
14,800.00	7,083.28	6,784.82	6,684.10	123.86	20.05	70.73	1,685.73	-7,195.92	1,421.08	1,290.98	130.10	10.923				
14,900.00	7,080.23	6,820.00	6,714.12	125.51	20.08	72.05	1,689.57	-7,213.84	1,385.94	1,251.38	134.57	10.299				
15,000.00	7,077.19	6,838.28	6,729.32	127.17	20.09	72.72	1,691.53	-7,223.80	1,356.16	1,217.41	138.75	9.774				
15,100.00	7,074.15	6,871.77	6,756.40	128.82	20.13	73.93	1,695.07	-7,243.18	1,332.05	1,189.40	142.66	9.337				
15,200.00	7,071.11	6,920.00	6,793.53	130.48	20.17	75.60	1,700.01	-7,273.55	1,313.58	1,167.33	146.25	8.982				
15,300.00	7,068.07	6,957.68	6,820.87	132.13	20.24	76.85	1,703.73	-7,299.19	1,300.39	1,150.96	149.43	8.702				
15,400.00	7,065.03	7,012.90	6,858.11	133.79	20.34	78.57	1,708.92	-7,339.62	1,292.18	1,139.87	152.32	8.484				
15,500.00	7,061.98	7,078.35	6,897.52	135.44	20.56	80.40	1,714.64	-7,391.52	1,288.21	1,133.19	155.03	8.310				
15,574.08	7,059.73	7,134.25	6,926.83	136.67	20.80	81.78	1,719.09	-7,438.89	1,287.46	1,130.50	156.96	8.202 CC				
15,600.00	7,058.94	7,155.38	6,936.81	137.10	20.93	82.26	1,720.67	-7,457.44	1,287.54	1,129.87	157.67	8.166				
15,665.20	7,056.96	7,212.11	6,960.53	138.18	21.31	83.39	1,724.58	-7,508.80	1,288.32	1,128.89	159.43	8.081 ES, SF				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,600.00	7,119.78	6,620.00	6,481.78	104.07	22.54	68.65	2,076.26	-7,140.58	2,434.63	2,341.17	93.46	26.051	
13,700.00	7,116.74	6,620.00	6,481.78	105.72	22.54	68.65	2,076.26	-7,140.58	2,366.30	2,269.68	96.62	24.491	
13,800.00	7,113.69	6,620.00	6,481.78	107.36	22.54	68.65	2,076.26	-7,140.58	2,300.29	2,200.40	99.89	23.028	
13,900.00	7,110.65	6,620.00	6,481.78	109.01	22.54	68.65	2,076.26	-7,140.58	2,236.80	2,133.53	103.27	21.659	
14,000.00	7,107.61	6,620.00	6,481.78	110.66	22.54	68.65	2,076.26	-7,140.58	2,176.06	2,069.32	106.74	20.386	
14,100.00	7,104.57	6,620.00	6,481.78	112.31	22.54	68.65	2,076.26	-7,140.58	2,118.30	2,008.01	110.29	19.206	
14,200.00	7,101.53	6,620.00	6,481.78	113.96	22.54	68.65	2,076.26	-7,140.58	2,063.77	1,949.87	113.90	18.119	
14,300.00	7,098.49	6,656.53	6,516.25	115.60	22.58	69.79	2,082.82	-7,150.74	2,011.84	1,894.03	117.81	17.077	
14,400.00	7,095.44	6,667.44	6,526.42	117.25	22.59	70.13	2,084.77	-7,154.16	1,964.01	1,842.46	121.55	16.158	
14,500.00	7,092.40	6,679.71	6,537.79	118.91	22.60	70.51	2,086.96	-7,158.22	1,920.02	1,794.74	125.28	15.325	
14,600.00	7,089.36	6,693.62	6,550.58	120.56	22.62	70.94	2,089.43	-7,163.10	1,880.11	1,751.14	128.97	14.578	
14,700.00	7,086.32	6,720.00	6,574.54	122.21	22.64	71.75	2,094.08	-7,173.11	1,844.55	1,711.91	132.64	13.907	
14,800.00	7,083.28	6,720.00	6,574.54	123.86	22.64	71.75	2,094.08	-7,173.11	1,813.39	1,677.41	135.98	13.336	
14,900.00	7,080.23	6,748.93	6,600.31	125.51	22.66	72.62	2,099.12	-7,185.25	1,786.86	1,647.51	139.35	12.822	
15,000.00	7,077.19	6,773.76	6,621.97	127.17	22.68	73.35	2,103.39	-7,196.60	1,765.10	1,622.62	142.48	12.388	
15,100.00	7,074.15	6,803.15	6,647.02	128.82	22.70	74.21	2,108.37	-7,211.14	1,748.10	1,602.71	145.39	12.024	
15,200.00	7,071.11	6,838.32	6,676.07	130.48	22.72	75.21	2,114.21	-7,230.07	1,735.79	1,587.71	148.09	11.722	
15,300.00	7,068.07	6,880.87	6,709.77	132.13	22.74	76.37	2,121.08	-7,255.11	1,727.98	1,577.40	150.58	11.475	
15,400.00	7,065.03	6,932.86	6,748.58	133.79	22.77	77.72	2,129.12	-7,288.73	1,724.31	1,571.41	152.91	11.277	
15,451.32	7,063.46	6,964.02	6,770.50	134.64	22.79	78.49	2,133.74	-7,310.40	1,723.87	1,569.79	154.08	11.188 CC	
15,500.00	7,061.98	6,996.85	6,792.42	135.44	22.80	79.25	2,138.43	-7,334.38	1,724.24	1,569.06	155.18	11.111 ES	
15,600.00	7,058.94	7,075.71	6,839.86	137.10	22.87	80.93	2,148.88	-7,396.43	1,726.94	1,569.40	157.54	10.962	
15,665.20	7,056.96	7,136.35	6,870.97	138.18	22.93	82.03	2,156.06	-7,447.96	1,729.69	1,570.55	159.14	10.869 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1949-SRC Energy_ISCWSA REV 2 MWD+IFR1													<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,200.00	7,131.95	6,706.00	6,584.30	97.50	19.51	-66.31	-837.80	-7,082.03	2,460.03	2,386.07	73.95	33.264		
13,300.00	7,128.90	6,706.00	6,584.30	99.14	19.51	-66.31	-837.80	-7,082.03	2,378.47	2,301.98	76.49	31.094		
13,400.00	7,125.86	6,706.00	6,584.30	100.79	19.51	-66.31	-837.80	-7,082.03	2,298.38	2,219.19	79.19	29.025		
13,500.00	7,122.82	6,706.00	6,584.30	102.43	19.51	-66.31	-837.80	-7,082.03	2,219.90	2,137.86	82.04	27.059		
13,600.00	7,119.78	6,706.00	6,584.30	104.07	19.51	-66.31	-837.80	-7,082.03	2,143.22	2,058.16	85.06	25.198		
13,700.00	7,116.74	6,706.00	6,584.30	105.72	19.51	-66.31	-837.80	-7,082.03	2,068.52	1,980.28	88.24	23.442		
13,800.00	7,113.69	6,737.86	6,614.91	107.36	19.53	-67.54	-842.03	-7,089.77	1,995.18	1,903.36	91.81	21.731		
13,900.00	7,110.65	6,745.21	6,621.91	109.01	19.53	-67.83	-842.99	-7,091.78	1,924.74	1,829.34	95.40	20.176		
14,000.00	7,107.61	6,753.32	6,629.61	110.66	19.54	-68.14	-844.05	-7,094.11	1,856.91	1,757.75	99.15	18.728		
14,100.00	7,104.57	6,762.33	6,638.12	112.31	19.55	-68.49	-845.22	-7,096.81	1,791.96	1,688.90	103.07	17.387		
14,200.00	7,101.53	6,772.37	6,647.56	113.96	19.55	-68.88	-846.51	-7,099.98	1,730.22	1,623.09	107.12	16.152		
14,300.00	7,098.49	6,800.00	6,673.26	115.60	19.57	-69.94	-850.01	-7,109.51	1,672.19	1,560.79	111.41	15.010		
14,400.00	7,095.44	6,800.00	6,673.26	117.25	19.57	-69.94	-850.01	-7,109.51	1,617.62	1,502.03	115.59	13.995		
14,500.00	7,092.40	6,816.83	6,688.72	118.91	19.58	-70.58	-852.07	-7,115.82	1,567.40	1,447.50	119.90	13.073		
14,600.00	7,089.36	6,842.49	6,712.11	120.56	19.58	-71.56	-855.05	-7,125.95	1,521.55	1,397.30	124.25	12.245		
14,700.00	7,086.32	6,871.98	6,738.67	122.21	19.58	-72.67	-858.22	-7,138.36	1,480.35	1,351.79	128.55	11.516		
14,800.00	7,083.28	6,894.00	6,758.27	123.86	19.59	-73.50	-860.40	-7,148.16	1,444.06	1,311.42	132.64	10.887		
14,900.00	7,080.23	6,920.95	6,781.88	125.51	19.59	-74.50	-863.08	-7,160.87	1,413.16	1,276.62	136.54	10.350		
15,000.00	7,077.19	6,944.02	6,801.67	127.17	19.59	-75.35	-865.55	-7,172.46	1,388.10	1,248.00	140.10	9.908		
15,100.00	7,074.15	6,970.06	6,823.53	128.82	19.59	-76.30	-868.51	-7,186.30	1,369.02	1,225.72	143.30	9.553		
15,200.00	7,071.11	6,989.00	6,839.08	130.48	19.59	-76.97	-870.79	-7,196.87	1,356.07	1,210.09	145.97	9.290		
15,300.00	7,068.07	7,021.43	6,864.99	132.13	19.59	-78.11	-875.16	-7,215.87	1,349.28	1,200.94	148.34	9.096		
15,356.89	7,066.34	7,036.43	6,876.64	133.07	19.59	-78.63	-877.44	-7,225.03	1,348.27	1,198.86	149.41	9.024 CC		
15,400.00	7,065.03	7,048.34	6,885.75	133.79	19.60	-79.03	-879.36	-7,232.47	1,348.85	1,198.73	150.12	8.985 ES		
15,500.00	7,061.98	7,081.00	6,909.99	135.44	19.60	-80.12	-885.15	-7,253.57	1,354.55	1,203.06	151.49	8.942		
15,600.00	7,058.94	7,149.31	6,957.77	137.10	19.64	-82.26	-897.78	-7,300.70	1,365.28	1,212.01	153.27	8.908		
15,665.20	7,056.96	7,251.04	7,021.15	138.18	19.76	-85.09	-914.55	-7,378.35	1,373.56	1,217.88	155.67	8.823 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

5N-67W-01 Offsets Incomplete - GREELEY-ROTHE 34N-2B-L - SRC Energy PR Well - Actual BHI Surv										Offset Site Error:		0.00 usft		
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1951-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft		
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,200.00	7,131.95	6,656.26	6,559.60	97.50	18.31	-63.17	-712.76	-7,146.24	2,457.89	2,389.72	68.17	36.056		
13,300.00	7,128.90	6,662.69	6,565.73	99.14	18.31	-63.42	-712.81	-7,148.16	2,373.48	2,302.96	70.52	33.656		
13,400.00	7,125.86	6,669.44	6,572.15	100.79	18.31	-63.68	-712.90	-7,150.22	2,290.25	2,217.22	73.03	31.360		
13,500.00	7,122.82	6,706.00	6,606.67	102.43	18.33	-65.10	-714.01	-7,162.21	2,209.10	2,133.39	75.71	29.178		
13,600.00	7,119.78	6,706.00	6,606.67	104.07	18.33	-65.10	-714.01	-7,162.21	2,128.29	2,049.72	78.57	27.089		
13,700.00	7,116.74	6,706.00	6,606.67	105.72	18.33	-65.10	-714.01	-7,162.21	2,049.16	1,967.56	81.61	25.110		
13,800.00	7,113.69	6,706.00	6,606.67	107.36	18.33	-65.10	-714.01	-7,162.21	1,971.94	1,887.09	84.84	23.243		
13,900.00	7,110.65	6,706.00	6,606.67	109.01	18.33	-65.10	-714.01	-7,162.21	1,896.84	1,808.57	88.27	21.488		
14,000.00	7,107.61	6,706.00	6,606.67	110.66	18.33	-65.10	-714.01	-7,162.21	1,824.13	1,732.23	91.90	19.849		
14,100.00	7,104.57	6,706.00	6,606.67	112.31	18.33	-65.10	-714.01	-7,162.21	1,754.12	1,658.39	95.73	18.324		
14,200.00	7,101.53	6,739.51	6,637.86	113.96	18.34	-66.44	-715.99	-7,174.31	1,686.07	1,586.25	99.82	16.890		
14,300.00	7,098.49	6,750.80	6,648.25	115.60	18.35	-66.89	-716.87	-7,178.61	1,621.63	1,517.56	104.07	15.583		
14,400.00	7,095.44	6,762.74	6,659.20	117.25	18.35	-67.37	-717.92	-7,183.28	1,560.67	1,452.20	108.47	14.388		
14,500.00	7,092.40	6,800.00	6,692.91	118.91	18.37	-68.89	-721.97	-7,198.62	1,504.18	1,391.06	113.13	13.296		
14,600.00	7,089.36	6,800.00	6,692.91	120.56	18.37	-68.89	-721.97	-7,198.62	1,450.96	1,333.26	117.70	12.328		
14,700.00	7,086.32	6,800.00	6,692.91	122.21	18.37	-68.89	-721.97	-7,198.62	1,402.85	1,280.61	122.24	11.476		
14,800.00	7,083.28	6,800.00	6,692.91	123.86	18.37	-68.89	-721.97	-7,198.62	1,360.41	1,233.74	126.66	10.740		
14,900.00	7,080.23	6,839.50	6,727.73	125.51	18.39	-70.50	-727.12	-7,216.52	1,322.85	1,191.55	131.30	10.075		
15,000.00	7,077.19	6,860.90	6,746.12	127.17	18.40	-71.36	-730.11	-7,227.06	1,291.63	1,156.13	135.50	9.532		
15,100.00	7,074.15	6,894.00	6,773.83	128.82	18.41	-72.67	-734.99	-7,244.48	1,266.76	1,127.29	139.47	9.083		
15,200.00	7,071.11	6,912.01	6,788.47	130.48	18.42	-73.37	-737.75	-7,254.59	1,248.24	1,105.43	142.81	8.741		
15,300.00	7,068.07	6,943.67	6,813.23	132.13	18.44	-74.57	-742.73	-7,273.67	1,236.31	1,090.51	145.80	8.479		
15,400.00	7,065.03	6,989.00	6,846.36	133.79	18.47	-76.19	-750.07	-7,303.71	1,230.73	1,082.25	148.48	8.289		
15,454.99	7,063.35	7,015.23	6,864.14	134.70	18.50	-77.06	-754.25	-7,322.52	1,230.04	1,080.25	149.80	8.211 CC		
15,500.00	7,061.98	7,050.88	6,886.47	135.44	18.55	-78.17	-759.49	-7,349.80	1,230.40	1,079.35	151.05	8.146		
15,600.00	7,058.94	7,192.07	6,955.37	137.10	18.99	-81.62	-773.82	-7,471.79	1,231.90	1,077.08	154.82	7.957		
15,665.20	7,056.96	7,285.91	6,986.46	138.18	19.77	-83.20	-777.42	-7,560.17	1,231.42	1,074.04	157.38	7.824 ES, SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12C-2-L - SRC Energy PR Well - Actua													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1765-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,900.00	7,141.07	6,710.00	6,631.01	92.58	17.98	5.98	497.80	-7,118.18	2,416.12	2,381.92	34.20	70.651		
13,000.00	7,138.03	6,746.24	6,665.93	94.22	18.02	7.13	503.86	-7,125.71	2,317.49	2,283.13	34.36	67.448		
13,100.00	7,134.99	6,751.89	6,671.33	95.86	18.02	7.33	504.87	-7,127.01	2,219.74	2,185.15	34.60	64.162		
13,200.00	7,131.95	6,757.89	6,677.06	97.50	18.03	7.55	505.96	-7,128.43	2,122.15	2,087.28	34.86	60.875		
13,300.00	7,128.90	6,764.28	6,683.15	99.14	18.04	7.80	507.15	-7,129.98	2,024.72	1,989.56	35.16	57.586		
13,400.00	7,125.86	6,771.10	6,689.63	100.79	18.05	8.07	508.43	-7,131.69	1,927.48	1,891.98	35.50	54.299		
13,500.00	7,122.82	6,804.00	6,720.61	102.43	18.08	9.52	515.01	-7,140.59	1,831.01	1,795.29	35.72	51.259		
13,600.00	7,119.78	6,804.00	6,720.61	104.07	18.08	9.52	515.01	-7,140.59	1,733.94	1,697.76	36.18	47.926		
13,700.00	7,116.74	6,804.00	6,720.61	105.72	18.08	9.52	515.01	-7,140.59	1,637.22	1,600.49	36.73	44.576		
13,800.00	7,113.69	6,804.00	6,720.61	107.36	18.08	9.52	515.01	-7,140.59	1,540.92	1,503.53	37.39	41.212		
13,900.00	7,110.65	6,804.00	6,720.61	109.01	18.08	9.52	515.01	-7,140.59	1,445.13	1,406.94	38.19	37.840		
14,000.00	7,107.61	6,804.00	6,720.61	110.66	18.08	9.52	515.01	-7,140.59	1,349.94	1,310.78	39.16	34.471		
14,100.00	7,104.57	6,804.00	6,720.61	112.31	18.08	9.52	515.01	-7,140.59	1,255.51	1,215.16	40.35	31.117		
14,200.00	7,101.53	6,835.42	6,749.74	113.96	18.10	11.09	521.18	-7,150.62	1,160.61	1,119.56	41.05	28.276		
14,300.00	7,098.49	6,845.88	6,759.31	115.60	18.11	11.63	523.05	-7,154.38	1,067.15	1,024.73	42.41	25.162		
14,400.00	7,095.44	6,857.75	6,770.09	117.25	18.11	12.25	525.07	-7,158.91	974.59	930.55	44.04	22.129		
14,500.00	7,092.40	6,871.31	6,782.30	118.91	18.12	12.99	527.23	-7,164.41	883.13	837.13	45.99	19.201		
14,600.00	7,089.36	6,898.00	6,805.92	120.56	18.14	14.48	531.02	-7,176.24	793.20	745.34	47.86	16.572		
14,700.00	7,086.32	6,898.00	6,805.92	122.21	18.14	14.48	531.02	-7,176.24	704.63	653.07	51.56	13.666		
14,800.00	7,083.28	6,930.81	6,834.25	123.86	18.14	16.41	534.76	-7,192.34	617.95	563.57	54.38	11.364		
14,900.00	7,080.23	6,959.37	6,858.30	125.51	18.14	18.18	537.12	-7,207.56	533.62	475.31	58.32	9.150		
15,000.00	7,077.19	6,991.00	6,884.18	127.17	18.14	20.22	538.74	-7,225.67	452.10	388.81	63.28	7.144		
15,100.00	7,074.15	7,030.03	6,914.88	128.82	18.15	23.03	539.97	-7,249.72	374.15	304.80	69.36	5.395		
15,200.00	7,071.11	7,073.66	6,947.48	130.48	18.16	26.77	540.99	-7,278.70	301.02	223.41	77.61	3.879		
15,300.00	7,068.07	7,122.55	6,981.56	132.13	18.23	31.98	542.08	-7,313.71	234.60	145.22	89.38	2.625		
15,400.00	7,065.03	7,177.00	7,016.06	133.79	18.32	39.55	544.08	-7,355.76	178.44	71.74	106.70	1.672		
15,500.00	7,061.98	7,245.77	7,053.91	135.44	18.60	51.91	547.89	-7,413.01	137.71	8.64	129.08	1.067 Level 2		
15,600.00	7,058.94	7,323.02	7,087.89	137.10	19.12	67.62	553.63	-7,482.07	118.01	-31.65	149.66	0.789 Level 1		
15,652.52	7,057.34	7,368.34	7,103.11	137.97	19.52	75.89	557.39	-7,524.58	115.85	-39.92	155.77	0.744 Level 1, CC		
15,665.20	7,056.96	7,380.05	7,106.57	138.18	19.65	77.83	558.38	-7,535.72	115.94	-40.87	156.81	0.739 Level 1, ES, SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12N-2A-L - SRC Energy PR Well - Actu												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 2049-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	7,141.07	6,618.00	6,508.97	92.58	18.91	21.27	691.26	-7,103.30	2,446.58	2,409.20	37.38	65.448	
13,000.00	7,138.03	6,618.00	6,508.97	94.22	18.91	21.27	691.26	-7,103.30	2,350.70	2,312.74	37.96	61.929	
13,100.00	7,134.99	6,618.00	6,508.97	95.86	18.91	21.27	691.26	-7,103.30	2,255.18	2,216.57	38.61	58.410	
13,200.00	7,131.95	6,618.00	6,508.97	97.50	18.91	21.27	691.26	-7,103.30	2,160.06	2,120.71	39.35	54.898	
13,300.00	7,128.90	6,618.00	6,508.97	99.14	18.91	21.27	691.26	-7,103.30	2,065.41	2,025.22	40.18	51.399	
13,400.00	7,125.86	6,618.00	6,508.97	100.79	18.91	21.27	691.26	-7,103.30	1,971.28	1,930.15	41.13	47.925	
13,500.00	7,122.82	6,618.00	6,508.97	102.43	18.91	21.27	691.26	-7,103.30	1,877.76	1,835.55	42.21	44.485	
13,600.00	7,119.78	6,654.42	6,542.47	104.07	18.95	23.11	700.60	-7,114.10	1,783.63	1,740.37	43.26	41.228	
13,700.00	7,116.74	6,662.92	6,550.16	105.72	18.96	23.57	702.96	-7,116.84	1,690.91	1,646.32	44.59	37.922	
13,800.00	7,113.69	6,672.01	6,558.34	107.36	18.97	24.07	705.55	-7,119.86	1,598.90	1,552.81	46.10	34.686	
13,900.00	7,110.65	6,681.75	6,567.03	109.01	18.98	24.63	708.40	-7,123.19	1,507.72	1,459.90	47.82	31.531	
14,000.00	7,107.61	6,713.00	6,594.44	110.66	19.02	26.54	718.13	-7,134.61	1,417.96	1,368.25	49.71	28.522	
14,100.00	7,104.57	6,713.00	6,594.44	112.31	19.02	26.54	718.13	-7,134.61	1,328.50	1,276.48	52.01	25.541	
14,200.00	7,101.53	6,713.00	6,594.44	113.96	19.02	26.54	718.13	-7,134.61	1,240.64	1,185.98	54.67	22.695	
14,300.00	7,098.49	6,713.00	6,594.44	115.60	19.02	26.54	718.13	-7,134.61	1,154.77	1,097.04	57.73	20.004	
14,400.00	7,095.44	6,743.10	6,620.18	117.25	19.05	28.50	727.89	-7,146.77	1,070.24	1,009.09	61.15	17.503	
14,500.00	7,092.40	6,759.30	6,633.78	118.91	19.06	29.60	733.12	-7,153.85	988.32	923.14	65.18	15.164	
14,600.00	7,089.36	6,777.49	6,648.82	120.56	19.08	30.86	738.98	-7,162.25	909.22	839.36	69.85	13.016	
14,700.00	7,086.32	6,808.00	6,673.45	122.21	19.11	33.03	748.74	-7,177.36	833.70	758.43	75.27	11.076	
14,800.00	7,083.28	6,824.62	6,686.59	123.86	19.11	34.23	753.76	-7,186.20	762.11	680.60	81.51	9.350	
14,900.00	7,080.23	6,860.43	6,714.30	125.51	19.11	36.74	762.75	-7,207.01	695.31	606.88	88.42	7.863	
15,000.00	7,077.19	6,907.53	6,749.09	127.17	19.12	39.85	770.60	-7,237.71	633.47	537.72	95.75	6.616	
15,100.00	7,074.15	6,984.88	6,801.84	128.82	19.10	44.27	772.43	-7,294.06	575.08	473.04	102.04	5.636	
15,200.00	7,071.11	7,032.72	6,830.97	130.48	19.15	46.58	768.14	-7,331.74	520.07	410.52	109.55	4.747	
15,300.00	7,068.07	7,086.00	6,859.38	132.13	19.23	49.05	763.20	-7,376.52	472.14	354.89	117.25	4.027	
15,400.00	7,065.03	7,130.60	6,879.83	133.79	19.45	51.04	759.81	-7,416.00	432.41	306.60	125.81	3.437	
15,500.00	7,061.98	7,180.00	6,898.94	135.44	19.73	53.18	757.80	-7,461.49	402.50	268.69	133.81	3.008	
15,600.00	7,058.94	7,251.77	6,920.39	137.10	20.42	55.95	756.79	-7,529.94	381.65	241.18	140.47	2.717	
15,665.20	7,056.96	7,298.39	6,930.44	138.18	20.98	57.39	756.67	-7,575.45	372.39	228.08	144.31	2.580 CC, ES, SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1860-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	7,141.07	6,660.58	6,536.06	92.58	20.02	36.59	895.00	-7,120.40	2,484.45	2,441.77	42.68	58.209	
13,000.00	7,138.03	6,668.23	6,543.33	94.22	20.03	37.02	896.60	-7,122.21	2,389.35	2,345.75	43.61	54.795	
13,100.00	7,134.99	6,676.11	6,550.78	95.86	20.05	37.47	898.33	-7,124.10	2,294.61	2,249.98	44.63	51.415	
13,200.00	7,131.95	6,708.00	6,580.67	97.50	20.09	39.40	906.15	-7,131.98	2,200.59	2,154.73	45.85	47.993	
13,300.00	7,128.90	6,708.00	6,580.67	99.14	20.09	39.40	906.15	-7,131.98	2,106.47	2,059.39	47.09	44.736	
13,400.00	7,125.86	6,708.00	6,580.67	100.79	20.09	39.40	906.15	-7,131.98	2,012.93	1,964.46	48.46	41.535	
13,500.00	7,122.82	6,708.00	6,580.67	102.43	20.09	39.40	906.15	-7,131.98	1,920.03	1,870.03	50.00	38.401	
13,600.00	7,119.78	6,708.00	6,580.67	104.07	20.09	39.40	906.15	-7,131.98	1,827.89	1,776.17	51.72	35.345	
13,700.00	7,116.74	6,708.00	6,580.67	105.72	20.09	39.40	906.15	-7,131.98	1,736.61	1,682.98	53.64	32.378	
13,800.00	7,113.69	6,708.00	6,580.67	107.36	20.09	39.40	906.15	-7,131.98	1,646.35	1,590.57	55.79	29.511	
13,900.00	7,110.65	6,708.00	6,580.67	109.01	20.09	39.40	906.15	-7,131.98	1,557.28	1,499.08	58.20	26.757	
14,000.00	7,107.61	6,742.68	6,612.59	110.66	20.15	41.65	915.70	-7,141.60	1,468.23	1,407.13	61.10	24.032	
14,100.00	7,104.57	6,751.13	6,620.25	112.31	20.16	42.21	918.12	-7,144.20	1,381.44	1,317.23	64.21	21.514	
14,200.00	7,101.53	6,760.34	6,628.56	113.96	20.18	42.84	920.81	-7,147.15	1,296.36	1,228.63	67.73	19.140	
14,300.00	7,098.49	6,770.43	6,637.58	115.60	20.19	43.53	923.81	-7,150.51	1,213.32	1,141.61	71.71	16.919	
14,400.00	7,095.44	6,803.00	6,666.23	117.25	20.25	45.81	933.83	-7,162.32	1,133.31	1,056.89	76.42	14.829	
14,500.00	7,092.40	6,803.00	6,666.23	118.91	20.25	45.81	933.83	-7,162.32	1,055.22	973.82	81.40	12.963	
14,600.00	7,089.36	6,803.00	6,666.23	120.56	20.25	45.81	933.83	-7,162.32	981.11	894.17	86.95	11.284	
14,700.00	7,086.32	6,803.00	6,666.23	122.21	20.25	45.81	933.83	-7,162.32	911.96	818.92	93.04	9.802	
14,800.00	7,083.28	6,841.74	6,699.25	123.86	20.29	48.59	945.89	-7,178.58	847.09	746.72	100.37	8.440	
14,900.00	7,080.23	6,863.61	6,717.34	125.51	20.31	50.16	952.52	-7,188.93	789.09	681.18	107.91	7.313	
15,000.00	7,077.19	6,897.00	6,744.10	127.17	20.35	52.55	962.36	-7,206.30	738.65	622.71	115.94	6.371	
15,100.00	7,074.15	6,920.59	6,762.30	128.82	20.36	54.22	969.09	-7,219.69	696.73	573.03	123.70	5.633	
15,200.00	7,071.11	6,957.99	6,789.85	130.48	20.38	56.81	979.40	-7,242.79	664.46	533.24	131.23	5.063	
15,300.00	7,068.07	7,010.19	6,825.41	132.13	20.40	60.26	992.81	-7,278.53	642.06	503.88	138.18	4.646	
15,400.00	7,065.03	7,098.52	6,879.02	133.79	20.40	65.52	1,010.43	-7,346.37	627.09	482.31	144.78	4.331	
15,500.00	7,061.98	7,220.39	6,938.61	135.44	20.50	71.25	1,018.98	-7,452.06	612.34	462.11	150.23	4.076	
15,600.00	7,058.94	7,299.15	6,970.16	137.10	20.85	74.36	1,020.42	-7,524.20	600.25	445.46	154.78	3.878	
15,665.20	7,056.96	7,345.65	6,985.96	138.18	21.24	75.98	1,021.61	-7,567.91	595.23	437.77	157.46	3.780 CC, ES, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											5N-67W-01 Offsets Incomplete - GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR Well - Actua		Offset Site Error:		0.00 usft
Survey Program:											20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
12,900.00	7,141.07	6,716.00	6,660.73	92.58	16.87	-45.54	-47.74	-7,121.62	2,460.36	2,418.59	41.77	58.906			
13,000.00	7,138.03	6,716.00	6,660.73	94.22	16.87	-45.54	-47.74	-7,121.62	2,364.53	2,321.83	42.70	55.372			
13,100.00	7,134.99	6,716.00	6,660.73	95.86	16.87	-45.54	-47.74	-7,121.62	2,269.06	2,225.32	43.73	51.884			
13,200.00	7,131.95	6,716.00	6,660.73	97.50	16.87	-45.54	-47.74	-7,121.62	2,173.99	2,129.12	44.87	48.448			
13,300.00	7,128.90	6,716.00	6,660.73	99.14	16.87	-45.54	-47.74	-7,121.62	2,079.39	2,033.26	46.13	45.073			
13,400.00	7,125.86	6,749.17	6,692.67	100.79	16.88	-47.37	-45.23	-7,130.19	1,984.29	1,936.94	47.35	41.907			
13,500.00	7,122.82	6,756.20	6,699.38	102.43	16.89	-47.77	-44.69	-7,132.21	1,890.33	1,841.49	48.84	38.707			
13,600.00	7,119.78	6,763.80	6,706.62	104.07	16.89	-48.21	-44.09	-7,134.46	1,796.91	1,746.42	50.48	35.594			
13,700.00	7,116.74	6,772.03	6,714.42	105.72	16.89	-48.69	-43.43	-7,136.99	1,704.11	1,651.79	52.32	32.574			
13,800.00	7,113.69	6,780.99	6,722.88	107.36	16.89	-49.22	-42.71	-7,139.85	1,612.02	1,557.66	54.36	29.656			
13,900.00	7,110.65	6,811.00	6,750.93	109.01	16.90	-51.04	-40.24	-7,150.23	1,521.16	1,464.74	56.42	26.961			
14,000.00	7,107.61	6,811.00	6,750.93	110.66	16.90	-51.04	-40.24	-7,150.23	1,430.52	1,371.43	59.08	24.211			
14,100.00	7,104.57	6,811.00	6,750.93	112.31	16.90	-51.04	-40.24	-7,150.23	1,341.21	1,279.10	62.11	21.595			
14,200.00	7,101.53	6,811.00	6,750.93	113.96	16.90	-51.04	-40.24	-7,150.23	1,253.51	1,187.96	65.55	19.123			
14,300.00	7,098.49	6,811.00	6,750.93	115.60	16.90	-51.04	-40.24	-7,150.23	1,167.79	1,098.32	69.47	16.809			
14,400.00	7,095.44	6,846.41	6,783.37	117.25	16.91	-53.33	-37.79	-7,164.19	1,082.77	1,009.38	73.39	14.754			
14,500.00	7,092.40	6,860.09	6,795.69	118.91	16.91	-54.26	-37.12	-7,170.10	1,000.85	922.59	78.26	12.789			
14,600.00	7,089.36	6,875.33	6,809.25	120.56	16.92	-55.33	-36.56	-7,177.03	921.86	838.03	83.83	10.997			
14,700.00	7,086.32	6,905.00	6,835.14	122.21	16.92	-57.48	-36.01	-7,191.51	846.72	756.75	89.97	9.411			
14,800.00	7,083.28	6,905.00	6,835.14	123.86	16.92	-57.48	-36.01	-7,191.51	775.66	678.21	97.45	7.959			
14,900.00	7,080.23	6,932.75	6,858.76	125.51	16.94	-59.58	-36.40	-7,206.06	710.33	604.92	105.41	6.739			
15,000.00	7,077.19	6,955.89	6,878.06	127.17	16.96	-61.42	-37.55	-7,218.78	652.18	537.97	114.21	5.710			
15,100.00	7,074.15	6,998.00	6,912.10	128.82	16.98	-64.89	-41.57	-7,243.21	603.41	479.97	123.44	4.888			
15,200.00	7,071.11	7,011.22	6,922.48	130.48	17.01	-66.00	-43.28	-7,251.21	564.51	432.20	132.30	4.267			
15,300.00	7,068.07	7,048.99	6,951.35	132.13	17.07	-69.18	-48.75	-7,274.96	538.29	398.15	140.15	3.841			
15,400.00	7,065.03	7,091.89	6,982.60	133.79	17.15	-72.75	-56.01	-7,303.42	525.23	379.19	146.04	3.596			
15,461.50	7,063.15	7,132.34	7,010.30	134.81	17.28	-75.96	-63.07	-7,332.02	523.31	374.31	149.00	3.512 CC			
15,500.00	7,061.98	7,160.85	7,028.65	135.44	17.38	-78.11	-67.78	-7,353.33	523.98	373.45	150.52	3.481 ES			
15,600.00	7,058.94	7,267.70	7,087.07	137.10	17.97	-84.92	-81.77	-7,441.44	529.64	375.02	154.62	3.425			
15,665.20	7,056.96	7,353.46	7,120.41	138.18	18.79	-88.80	-87.40	-7,520.14	532.88	375.61	157.27	3.388 SF			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											5N-67W-01 Offsets Incomplete - GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy PR Well - Actu		Offset Site Error:		0.00 usft	
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
13,000.00	7,138.03	6,579.02	6,517.59	94.22	16.70	-48.17	-257.06	-7,126.42	2,457.92	2,409.04	48.87	50.293				
13,100.00	7,134.99	6,616.00	6,552.73	95.86	16.72	-49.86	-258.12	-7,137.86	2,366.56	2,316.27	50.29	47.062				
13,200.00	7,131.95	6,616.00	6,552.73	97.50	16.72	-49.86	-258.12	-7,137.86	2,274.73	2,222.87	51.86	43.865				
13,300.00	7,128.90	6,616.00	6,552.73	99.14	16.72	-49.86	-258.12	-7,137.86	2,183.62	2,130.05	53.57	40.761				
13,400.00	7,125.86	6,616.00	6,552.73	100.79	16.72	-49.86	-258.12	-7,137.86	2,093.33	2,037.88	55.44	37.757				
13,500.00	7,122.82	6,616.00	6,552.73	102.43	16.72	-49.86	-258.12	-7,137.86	2,003.95	1,946.46	57.49	34.860				
13,600.00	7,119.78	6,616.00	6,552.73	104.07	16.72	-49.86	-258.12	-7,137.86	1,915.63	1,855.90	59.72	32.076				
13,700.00	7,116.74	6,616.00	6,552.73	105.72	16.72	-49.86	-258.12	-7,137.86	1,828.50	1,766.33	62.17	29.412				
13,800.00	7,113.69	6,616.00	6,552.73	107.36	16.72	-49.86	-258.12	-7,137.86	1,742.76	1,677.92	64.85	26.874				
13,900.00	7,110.65	6,649.19	6,583.77	109.01	16.72	-51.46	-259.82	-7,149.49	1,657.37	1,589.67	67.70	24.481				
14,000.00	7,107.61	6,658.47	6,592.34	110.66	16.72	-51.92	-260.56	-7,152.96	1,574.24	1,503.33	70.90	22.202				
14,100.00	7,104.57	6,668.32	6,601.40	112.31	16.73	-52.43	-261.48	-7,156.74	1,492.95	1,418.53	74.43	20.060				
14,200.00	7,101.53	6,709.00	6,638.12	113.96	16.74	-54.57	-266.63	-7,173.44	1,414.92	1,336.61	78.32	18.067				
14,300.00	7,098.49	6,709.00	6,638.12	115.60	16.74	-54.57	-266.63	-7,173.44	1,337.62	1,255.05	82.56	16.201				
14,400.00	7,095.44	6,709.00	6,638.12	117.25	16.74	-54.57	-266.63	-7,173.44	1,263.50	1,176.31	87.19	14.491				
14,500.00	7,092.40	6,709.00	6,638.12	118.91	16.74	-54.57	-266.63	-7,173.44	1,193.17	1,100.98	92.19	12.943				
14,600.00	7,089.36	6,733.93	6,660.06	120.56	16.74	-55.92	-270.47	-7,184.63	1,126.69	1,029.02	97.67	11.536				
14,700.00	7,086.32	6,754.13	6,677.52	122.21	16.75	-57.03	-273.56	-7,194.30	1,064.73	961.25	103.48	10.289				
14,800.00	7,083.28	6,777.00	6,696.92	123.86	16.76	-58.27	-277.05	-7,205.91	1,007.91	898.32	109.58	9.198				
14,900.00	7,080.23	6,804.00	6,719.26	125.51	16.77	-59.74	-281.15	-7,220.49	956.91	841.02	115.88	8.258				
15,000.00	7,077.19	6,841.47	6,749.28	127.17	16.80	-61.76	-286.40	-7,242.28	912.17	789.91	122.26	7.461				
15,100.00	7,074.15	6,888.15	6,784.96	128.82	16.84	-64.19	-291.72	-7,271.90	873.77	745.29	128.48	6.801				
15,200.00	7,071.11	6,946.86	6,826.72	130.48	16.97	-67.10	-296.35	-7,312.86	841.53	707.15	134.38	6.262				
15,300.00	7,068.07	7,010.26	6,867.33	132.13	17.19	-69.97	-298.55	-7,361.46	814.70	674.96	139.74	5.830				
15,400.00	7,065.03	7,066.60	6,898.77	133.79	17.50	-72.26	-299.49	-7,408.18	793.96	649.42	144.54	5.493				
15,500.00	7,061.98	7,130.11	6,928.23	135.44	18.02	-74.47	-300.00	-7,464.39	779.03	630.22	148.81	5.235				
15,600.00	7,058.94	7,202.40	6,953.07	137.10	18.79	-76.41	-299.85	-7,532.22	768.93	616.31	152.62	5.038				
15,665.20	7,056.96	7,254.25	6,965.65	138.18	19.47	-77.43	-299.34	-7,582.50	764.26	609.30	154.96	4.932 CC, ES, SF				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13N-2C-L - SRC Energy PR Well - Actu		Offset Site Error:		0.00 usft	
Survey Program:											20-SRC Energy_ISCWSA REV 2 MWD, 1952-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
13,100.00	7,134.99	6,615.00	6,548.34	95.86	17.17	-56.22	-448.36	-7,122.11	2,416.62	2,359.58	57.04	42.366				
13,200.00	7,131.95	6,643.57	6,575.89	97.50	17.18	-57.59	-452.69	-7,128.30	2,326.93	2,267.83	59.10	39.373				
13,300.00	7,128.90	6,650.82	6,582.86	99.14	17.19	-57.94	-453.63	-7,130.07	2,238.39	2,177.20	61.20	36.578				
13,400.00	7,125.86	6,658.86	6,590.57	100.79	17.19	-58.32	-454.59	-7,132.11	2,150.78	2,087.32	63.46	33.891				
13,500.00	7,122.82	6,667.82	6,599.15	102.43	17.20	-58.75	-455.56	-7,134.50	2,064.20	1,998.29	65.91	31.319				
13,600.00	7,119.78	6,677.85	6,608.73	104.07	17.21	-59.23	-456.53	-7,137.32	1,978.77	1,910.21	68.56	28.864				
13,700.00	7,116.74	6,708.00	6,637.31	105.72	17.23	-60.66	-458.66	-7,146.65	1,894.83	1,823.40	71.44	26.525				
13,800.00	7,113.69	6,708.00	6,637.31	107.36	17.23	-60.66	-458.66	-7,146.65	1,811.92	1,737.41	74.51	24.319				
13,900.00	7,110.65	6,729.64	6,657.66	109.01	17.23	-61.69	-459.44	-7,153.98	1,730.70	1,652.89	77.81	22.243				
14,000.00	7,107.61	6,773.30	6,698.36	110.66	17.23	-63.74	-458.93	-7,169.77	1,650.83	1,569.58	81.25	20.317				
14,100.00	7,104.57	14,100.00	6,724.85	112.31	21.25	-65.07	-457.03	-7,180.92	1,572.31	1,479.90	92.41	17.015				
14,200.00	7,101.53	6,803.00	6,725.68	113.96	17.24	-65.12	-457.02	-7,181.24	1,496.14	1,406.98	89.16	16.781				
14,300.00	7,098.49	6,832.21	6,752.06	115.60	17.24	-66.48	-454.51	-7,193.52	1,422.00	1,328.58	93.43	15.221				
14,400.00	7,095.44	6,846.73	6,764.92	117.25	17.25	-67.15	-453.27	-7,200.14	1,351.10	1,252.96	98.14	13.767				
14,500.00	7,092.40	6,863.01	6,779.12	118.91	17.25	-67.91	-451.89	-7,207.98	1,283.54	1,180.40	103.14	12.444				
14,600.00	7,089.36	6,898.00	6,808.81	120.56	17.25	-69.53	-448.95	-7,226.24	1,220.07	1,111.88	108.20	11.277				
14,700.00	7,086.32	6,898.00	6,808.81	122.21	17.25	-69.53	-448.95	-7,226.24	1,160.33	1,046.41	113.92	10.186				
14,800.00	7,083.28	6,898.00	6,808.81	123.86	17.25	-69.53	-448.95	-7,226.24	1,106.41	986.67	119.74	9.240				
14,900.00	7,080.23	6,931.55	6,835.94	125.51	17.29	-71.06	-446.78	-7,245.85	1,057.38	932.09	125.30	8.439				
15,000.00	7,077.19	6,950.03	6,850.16	127.17	17.31	-71.89	-446.11	-7,257.63	1,015.37	884.52	130.85	7.760				
15,100.00	7,074.15	6,990.00	6,878.98	128.82	17.35	-73.63	-445.97	-7,285.29	981.08	845.10	135.98	7.215				
15,200.00	7,071.11	6,990.00	6,878.98	130.48	17.35	-73.63	-445.97	-7,285.29	953.37	812.65	140.73	6.775				
15,300.00	7,068.07	7,019.34	6,898.48	132.13	17.42	-74.85	-447.17	-7,307.17	934.28	789.53	144.75	6.454				
15,400.00	7,065.03	7,046.56	6,915.40	133.79	17.50	-75.94	-449.42	-7,328.37	923.58	775.66	147.91	6.244				
15,488.03	7,062.35	7,082.00	6,935.63	135.24	17.59	-77.28	-453.97	-7,357.09	921.24	771.08	150.15	6.135 CC				
15,500.00	7,061.98	7,082.00	6,935.63	135.44	17.59	-77.28	-453.97	-7,357.09	921.31	771.01	150.30	6.130 ES				
15,600.00	7,058.94	7,112.93	6,952.03	137.10	17.73	-78.40	-459.27	-7,382.78	926.93	775.17	151.76	6.108 SF				
15,665.20	7,056.96	7,138.35	6,965.00	138.18	17.84	-79.29	-464.41	-7,404.02	934.56	782.14	152.42	6.131				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 32C-2-L - SRC Energy PR Well - Actua													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1957-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	7,138.03	6,860.72	6,683.70	94.22	23.32	62.81	1,339.18	-7,118.54	2,474.92	2,415.03	59.89	41.325		
13,100.00	7,134.99	6,862.15	6,685.06	95.86	23.32	62.89	1,339.63	-7,118.68	2,383.90	2,322.19	61.71	38.628		
13,200.00	7,131.95	6,863.72	6,686.55	97.50	23.33	62.98	1,340.12	-7,118.84	2,293.63	2,229.94	63.69	36.011		
13,300.00	7,128.90	6,865.47	6,688.20	99.14	23.34	63.08	1,340.66	-7,119.03	2,204.19	2,138.35	65.84	33.478		
13,400.00	7,125.86	6,899.00	6,719.95	100.79	23.45	64.95	1,350.20	-7,123.97	2,116.65	2,048.08	68.57	30.870		
13,500.00	7,122.82	6,899.00	6,719.95	102.43	23.45	64.95	1,350.20	-7,123.97	2,029.07	1,957.98	71.08	28.546		
13,600.00	7,119.78	6,899.00	6,719.95	104.07	23.45	64.95	1,350.20	-7,123.97	1,942.68	1,868.87	73.81	26.320		
13,700.00	7,116.74	6,899.00	6,719.95	105.72	23.45	64.95	1,350.20	-7,123.97	1,857.66	1,780.89	76.78	24.196		
13,800.00	7,113.69	6,899.00	6,719.95	107.36	23.45	64.95	1,350.20	-7,123.97	1,774.21	1,694.22	79.99	22.180		
13,900.00	7,110.65	6,899.00	6,719.95	109.01	23.45	64.95	1,350.20	-7,123.97	1,692.55	1,609.07	83.48	20.275		
14,000.00	7,107.61	6,899.00	6,719.95	110.66	23.45	64.95	1,350.20	-7,123.97	1,612.95	1,525.70	87.26	18.485		
14,100.00	7,104.57	6,899.00	6,719.95	112.31	23.45	64.95	1,350.20	-7,123.97	1,535.75	1,444.41	91.34	16.814		
14,200.00	7,101.53	6,899.00	6,719.95	113.96	23.45	64.95	1,350.20	-7,123.97	1,461.31	1,365.59	95.72	15.266		
14,300.00	7,098.49	6,899.00	6,719.95	115.60	23.45	64.95	1,350.20	-7,123.97	1,390.08	1,289.67	100.41	13.844		
14,400.00	7,095.44	6,899.00	6,719.95	117.25	23.45	64.95	1,350.20	-7,123.97	1,322.58	1,217.20	105.38	12.551		
14,500.00	7,092.40	6,899.00	6,719.95	118.91	23.45	64.95	1,350.20	-7,123.97	1,259.42	1,148.83	110.59	11.388		
14,600.00	7,089.36	6,928.44	6,747.68	120.56	23.51	66.59	1,357.65	-7,130.43	1,200.51	1,084.02	116.50	10.305		
14,700.00	7,086.32	6,940.52	6,758.96	122.21	23.53	67.26	1,360.56	-7,133.64	1,147.49	1,025.30	122.19	9.391		
14,800.00	7,083.28	6,955.84	6,773.15	123.86	23.56	68.10	1,364.12	-7,138.16	1,100.71	972.82	127.89	8.607		
14,900.00	7,080.23	6,975.84	6,791.49	125.51	23.60	69.19	1,368.54	-7,144.82	1,060.83	927.41	133.42	7.951		
15,000.00	7,077.19	7,028.48	6,838.59	127.17	23.65	72.00	1,378.48	-7,166.04	1,028.25	889.33	138.93	7.401		
15,100.00	7,074.15	7,136.27	6,929.72	128.82	23.65	77.41	1,387.84	-7,222.44	1,000.44	856.61	143.84	6.955		
15,200.00	7,071.11	7,210.04	6,986.21	130.48	23.60	80.80	1,387.60	-7,269.81	976.80	829.08	147.71	6.613		
15,300.00	7,068.07	7,268.27	7,026.83	132.13	23.55	83.28	1,386.21	-7,311.48	958.97	807.92	151.04	6.349		
15,400.00	7,065.03	7,312.00	7,054.79	133.79	23.52	85.02	1,385.41	-7,345.09	947.41	793.52	153.89	6.157		
15,500.00	7,061.98	7,366.00	7,085.95	135.44	23.49	86.99	1,385.97	-7,389.17	942.73	786.63	156.10	6.039		
15,519.51	7,061.39	7,366.00	7,085.95	135.77	23.49	86.99	1,385.97	-7,389.17	942.53	786.12	156.41	6.026 CC, ES		
15,600.00	7,058.94	7,416.02	7,111.28	137.10	23.48	88.61	1,387.86	-7,432.24	944.07	786.20	157.87	5.980		
15,665.20	7,056.96	7,460.00	7,130.62	138.18	23.48	89.86	1,390.45	-7,471.64	947.74	788.81	158.93	5.963 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 32N-2B-L - SRC Energy PR Well - Actu													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	7,138.03	6,712.00	6,563.84	94.22	21.63	49.35	1,119.24	-7,115.78	2,430.30	2,378.70	51.60	47.098		
13,100.00	7,134.99	6,712.00	6,563.84	95.86	21.63	49.35	1,119.24	-7,115.78	2,337.53	2,284.49	53.04	44.069		
13,200.00	7,131.95	6,712.00	6,563.84	97.50	21.63	49.35	1,119.24	-7,115.78	2,245.38	2,190.76	54.62	41.109		
13,300.00	7,128.90	6,712.00	6,563.84	99.14	21.63	49.35	1,119.24	-7,115.78	2,153.93	2,097.58	56.35	38.225		
13,400.00	7,125.86	6,712.00	6,563.84	100.79	21.63	49.35	1,119.24	-7,115.78	2,063.28	2,005.03	58.24	35.425		
13,500.00	7,122.82	6,712.00	6,563.84	102.43	21.63	49.35	1,119.24	-7,115.78	1,973.53	1,913.21	60.32	32.717		
13,600.00	7,119.78	6,712.00	6,563.84	104.07	21.63	49.35	1,119.24	-7,115.78	1,884.81	1,822.21	62.60	30.109		
13,700.00	7,116.74	6,747.57	6,597.59	105.72	21.64	51.13	1,121.08	-7,126.84	1,796.04	1,731.08	64.96	27.649		
13,800.00	7,113.69	6,756.57	6,606.04	107.36	21.64	51.59	1,121.63	-7,129.89	1,709.14	1,641.47	67.67	25.258		
13,900.00	7,110.65	6,766.26	6,615.09	109.01	21.65	52.10	1,122.28	-7,133.29	1,623.57	1,552.92	70.65	22.982		
14,000.00	7,107.61	6,776.71	6,624.80	110.66	21.65	52.65	1,123.02	-7,137.08	1,539.53	1,465.60	73.92	20.826		
14,100.00	7,104.57	6,806.00	6,651.71	112.31	21.66	54.22	1,125.37	-7,148.40	1,457.58	1,380.13	77.45	18.819		
14,200.00	7,101.53	6,806.00	6,651.71	113.96	21.66	54.22	1,125.37	-7,148.40	1,377.04	1,295.56	81.48	16.900		
14,300.00	7,098.49	6,806.00	6,651.71	115.60	21.66	54.22	1,125.37	-7,148.40	1,299.21	1,213.30	85.90	15.124		
14,400.00	7,095.44	6,806.00	6,651.71	117.25	21.66	54.22	1,125.37	-7,148.40	1,224.60	1,133.87	90.73	13.497		
14,500.00	7,092.40	6,840.38	6,682.68	118.91	21.68	56.14	1,128.98	-7,162.89	1,152.40	1,056.48	95.93	12.014		
14,600.00	7,089.36	6,855.62	6,696.17	120.56	21.68	57.01	1,130.97	-7,169.69	1,084.62	983.01	101.62	10.674		
14,700.00	7,086.32	6,872.02	6,710.52	122.21	21.69	57.97	1,133.39	-7,177.26	1,021.48	913.76	107.71	9.483		
14,800.00	7,083.28	6,899.00	6,733.70	123.86	21.71	59.56	1,137.96	-7,190.26	963.92	849.72	114.20	8.441		
14,900.00	7,080.23	6,899.00	6,733.70	125.51	21.71	59.56	1,137.96	-7,190.26	912.67	792.01	120.66	7.564		
15,000.00	7,077.19	6,929.85	6,759.47	127.17	21.73	61.40	1,143.96	-7,206.13	868.69	741.34	127.34	6.822		
15,100.00	7,074.15	6,953.39	6,778.50	128.82	21.74	62.81	1,148.99	-7,219.03	833.20	699.60	133.61	6.236		
15,200.00	7,071.11	6,992.00	6,808.47	130.48	21.77	65.10	1,158.07	-7,241.61	807.13	667.65	139.48	5.787		
15,300.00	7,068.07	7,025.92	6,833.42	132.13	21.78	67.04	1,166.07	-7,263.14	790.15	645.80	144.34	5.474		
15,400.00	7,065.03	7,102.94	6,884.63	133.79	21.80	71.05	1,181.01	-7,318.58	780.54	631.50	149.03	5.237		
15,500.00	7,061.98	7,194.12	6,933.95	135.44	21.79	74.95	1,193.25	-7,394.12	775.62	622.56	153.06	5.067		
15,538.63	7,060.81	7,205.74	6,939.40	136.08	21.79	75.39	1,194.84	-7,404.26	775.12	621.05	154.07	5.031 CC		
15,600.00	7,058.94	7,237.24	6,953.22	137.10	21.80	76.52	1,199.20	-7,432.22	776.47	620.86	155.61	4.990 ES		
15,665.20	7,056.96	7,273.00	6,967.34	138.18	21.82	77.70	1,204.90	-7,464.57	780.75	623.75	157.00	4.973 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	7,141.07	6,577.95	6,518.58	92.58	16.77	-27.91	113.36	-7,127.01	2,475.00	2,437.23	37.77	65.530	
13,000.00	7,138.03	6,583.57	6,523.95	94.22	16.77	-28.10	113.56	-7,128.65	2,379.31	2,340.88	38.43	61.916	
13,100.00	7,134.99	6,621.00	6,559.32	95.86	16.78	-29.43	115.07	-7,140.79	2,284.88	2,245.90	38.98	58.616	
13,200.00	7,131.95	6,621.00	6,559.32	97.50	16.78	-29.43	115.07	-7,140.79	2,189.47	2,149.68	39.79	55.026	
13,300.00	7,128.90	6,621.00	6,559.32	99.14	16.78	-29.43	115.07	-7,140.79	2,094.49	2,053.79	40.69	51.469	
13,400.00	7,125.86	6,621.00	6,559.32	100.79	16.78	-29.43	115.07	-7,140.79	1,999.99	1,958.29	41.71	47.952	
13,500.00	7,122.82	6,621.00	6,559.32	102.43	16.78	-29.43	115.07	-7,140.79	1,906.07	1,863.22	42.85	44.485	
13,600.00	7,119.78	6,621.00	6,559.32	104.07	16.78	-29.43	115.07	-7,140.79	1,812.79	1,768.66	44.13	41.080	
13,700.00	7,116.74	6,621.00	6,559.32	105.72	16.78	-29.43	115.07	-7,140.79	1,720.26	1,674.69	45.57	37.746	
13,800.00	7,113.69	6,621.00	6,559.32	107.36	16.78	-29.43	115.07	-7,140.79	1,628.62	1,581.41	47.21	34.498	
13,900.00	7,110.65	6,655.68	6,591.41	109.01	16.79	-30.74	116.50	-7,153.87	1,536.69	1,488.17	48.52	31.672	
14,000.00	7,107.61	6,667.14	6,601.85	110.66	16.79	-31.20	116.95	-7,158.57	1,446.26	1,395.89	50.37	28.714	
14,100.00	7,104.57	6,679.67	6,613.16	112.31	16.79	-31.71	117.41	-7,163.93	1,356.83	1,304.38	52.45	25.870	
14,200.00	7,101.53	6,714.00	6,643.59	113.96	16.80	-33.18	118.59	-7,179.76	1,269.05	1,214.68	54.37	23.342	
14,300.00	7,098.49	6,714.00	6,643.59	115.60	16.80	-33.18	118.59	-7,179.76	1,181.66	1,124.34	57.32	20.615	
14,400.00	7,095.44	6,714.00	6,643.59	117.25	16.80	-33.18	118.59	-7,179.76	1,096.42	1,035.69	60.73	18.054	
14,500.00	7,092.40	6,742.66	6,668.29	118.91	16.81	-34.48	119.49	-7,194.28	1,012.81	948.92	63.89	15.851	
14,600.00	7,089.36	6,762.63	6,685.05	120.56	16.82	-35.42	120.11	-7,205.10	931.59	863.78	67.81	13.738	
14,700.00	7,086.32	6,785.05	6,703.42	122.21	16.83	-36.51	120.79	-7,217.94	853.04	780.77	72.27	11.803	
14,800.00	7,083.28	6,809.00	6,722.49	123.86	16.85	-37.71	121.49	-7,232.42	777.70	700.29	77.41	10.047	
14,900.00	7,080.23	6,839.21	6,745.62	125.51	16.90	-39.26	122.48	-7,251.82	706.19	623.06	83.13	8.495	
15,000.00	7,077.19	6,872.26	6,769.65	127.17	16.96	-40.98	123.80	-7,274.45	639.24	549.67	89.57	7.136	
15,100.00	7,074.15	6,904.00	6,791.40	128.82	17.01	-42.63	125.30	-7,297.52	577.72	480.80	96.93	5.960	
15,200.00	7,071.11	6,955.20	6,823.70	130.48	17.22	-45.29	128.14	-7,337.13	522.17	417.90	104.27	5.008	
15,300.00	7,068.07	6,996.00	6,846.93	132.13	17.39	-47.37	130.73	-7,370.55	473.60	360.99	112.62	4.205	
15,400.00	7,065.03	7,057.65	6,877.31	133.79	17.85	-50.35	134.67	-7,424.02	432.66	312.26	120.40	3.593	
15,500.00	7,061.98	7,121.34	6,902.57	135.44	18.44	-53.12	138.34	-7,482.34	400.30	272.33	127.97	3.128	
15,600.00	7,058.94	7,195.40	6,926.87	137.10	19.31	-56.08	142.30	-7,552.17	374.55	239.59	134.96	2.775	
15,665.20	7,056.96	7,244.33	6,939.54	138.18	20.02	-57.75	144.85	-7,599.36	361.24	222.05	139.19	2.595 CC, ES, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 33C-6-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 33C-6-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 33N-2C-L - SRC Energy PR Well - Actu													<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1777-SRC Energy_ISCWSA REV 2 MWD+IFR1													<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,900.00	7,141.07	6,618.00	6,550.71	92.58	17.21	-11.36	325.16	-7,125.96	2,446.20	2,411.63	34.58	70.750		
13,000.00	7,138.03	6,618.00	6,550.71	94.22	17.21	-11.36	325.16	-7,125.96	2,349.43	2,314.48	34.95	67.225		
13,100.00	7,134.99	6,618.00	6,550.71	95.86	17.21	-11.36	325.16	-7,125.96	2,252.95	2,217.57	35.37	63.689		
13,200.00	7,131.95	6,653.40	6,584.80	97.50	17.22	-12.09	324.66	-7,135.45	2,155.76	2,120.15	35.62	60.526		
13,300.00	7,128.90	6,661.08	6,592.15	99.14	17.23	-12.24	324.73	-7,137.70	2,059.45	2,023.39	36.06	57.108		
13,400.00	7,125.86	6,669.31	6,600.00	100.79	17.23	-12.40	324.88	-7,140.19	1,963.40	1,926.85	36.56	53.710		
13,500.00	7,122.82	6,678.16	6,608.40	102.43	17.23	-12.56	325.11	-7,142.96	1,867.64	1,830.54	37.10	50.339		
13,600.00	7,119.78	6,713.00	6,641.15	104.07	17.24	-13.18	326.84	-7,154.70	1,772.75	1,735.37	37.38	47.421		
13,700.00	7,116.74	6,713.00	6,641.15	105.72	17.24	-13.18	326.84	-7,154.70	1,677.31	1,639.16	38.15	43.963		
13,800.00	7,113.69	6,713.00	6,641.15	107.36	17.24	-13.18	326.84	-7,154.70	1,582.44	1,543.38	39.05	40.519		
13,900.00	7,110.65	6,713.00	6,641.15	109.01	17.24	-13.18	326.84	-7,154.70	1,488.23	1,448.12	40.11	37.100		
14,000.00	7,107.61	6,713.00	6,641.15	110.66	17.24	-13.18	326.84	-7,154.70	1,394.83	1,353.47	41.36	33.721		
14,100.00	7,104.57	6,743.44	6,669.23	112.31	17.25	-13.67	329.22	-7,166.19	1,301.40	1,259.37	42.03	30.964		
14,200.00	7,101.53	6,756.98	6,681.53	113.96	17.26	-13.88	330.48	-7,171.71	1,209.02	1,165.77	43.25	27.951		
14,300.00	7,098.49	6,771.94	6,694.97	115.60	17.26	-14.11	332.01	-7,178.09	1,117.46	1,072.83	44.64	25.035		
14,400.00	7,095.44	6,808.00	6,726.69	117.25	17.27	-14.60	336.31	-7,194.68	1,027.31	981.89	45.41	22.622		
14,500.00	7,092.40	6,808.00	6,726.69	118.91	17.27	-14.60	336.31	-7,194.68	937.34	889.43	47.91	19.565		
14,600.00	7,089.36	6,808.00	6,726.69	120.56	17.27	-14.60	336.31	-7,194.68	849.63	798.64	50.99	16.662		
14,700.00	7,086.32	6,847.26	6,759.98	122.21	17.29	-15.10	341.65	-7,214.78	762.64	710.23	52.41	14.551		
14,800.00	7,083.28	6,871.47	6,779.78	123.86	17.31	-15.39	345.16	-7,228.28	678.09	622.97	55.13	12.301		
14,900.00	7,080.23	6,901.00	6,803.09	125.51	17.32	-15.73	349.64	-7,245.82	595.95	537.88	58.07	10.263		
15,000.00	7,077.19	6,929.89	6,825.06	127.17	17.36	-16.11	353.73	-7,264.13	516.76	454.90	61.86	8.353		
15,100.00	7,074.15	6,965.19	6,850.78	128.82	17.40	-16.80	357.67	-7,287.97	441.34	375.17	66.17	6.670		
15,200.00	7,071.11	6,994.00	6,870.79	130.48	17.44	-17.57	360.01	-7,308.56	370.97	298.29	72.68	5.104		
15,300.00	7,068.07	7,053.08	6,909.20	132.13	17.60	-20.24	360.85	-7,353.39	305.95	227.95	77.99	3.923		
15,400.00	7,065.03	7,105.44	6,940.08	133.79	17.80	-24.34	356.47	-7,395.41	249.47	161.97	87.50	2.851		
15,500.00	7,061.98	7,163.92	6,970.30	135.44	18.13	-30.70	347.80	-7,444.68	204.80	103.95	100.85	2.031		
15,600.00	7,058.94	7,233.10	6,999.87	137.10	18.70	-39.90	334.58	-7,505.79	175.91	58.44	117.48	1.497 Level 3		
15,665.20	7,056.96	7,284.62	7,017.58	138.18	19.21	-46.79	324.93	-7,553.18	165.85	37.57	128.28	1.293 Level 3, CC, ES, SF		



# Hewlett-Packard

## Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4817.00usft (IKON 12)

Offset Depths are relative to Offset Datum

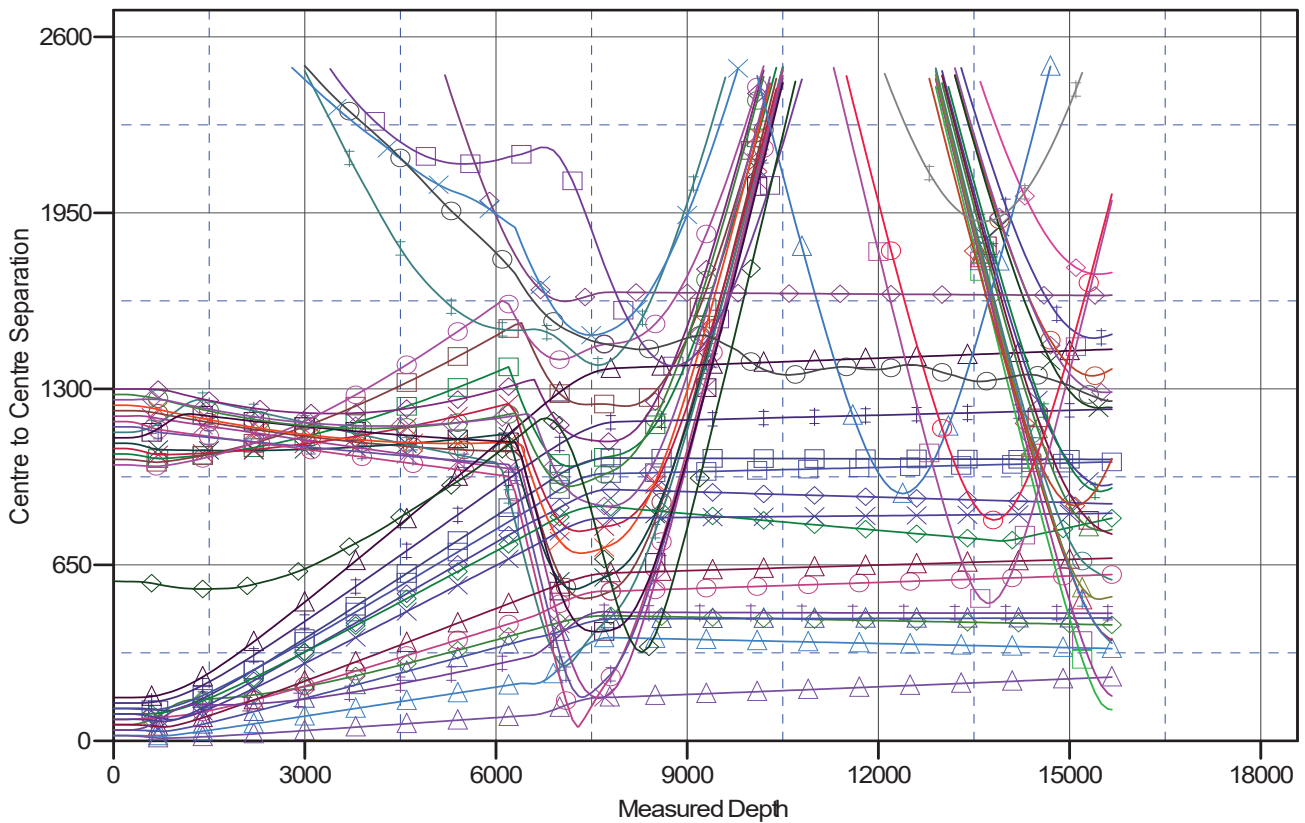
Central Meridian is -105.500000

Coordinates are relative to: VOLT 33C-6-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

### Ladder Plot



### LEGEND

	VOLT 36N8BL Wellbore#1, Design #1V0		VOLT 11N8BL Wellbore#1, Design #1V0		Buffederal 32N2C-LSRC EnergyPlanned Well,BHPlanned SurveysV0
	VOLT 11N8CL Wellbore#1, Design #1V0		VOLT 13N6CM Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 13N2BL-SRC EnergyPRWell, ActualBH SurveysV0
	VOLT 13O6-M Wellbore#1, Design #1V0		VOLT 34N6CM Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 34N2BL-SRC EnergyPRWell, ActualBH SurveysV0
	VOLT 14N8BL Wellbore#1, Design #1V0		VOLT 34O6-M Wellbore#1, Design #1V0		Buffederal 36N2BL-SRC EnergyPlanned Well,BHPlanned SurveysV0
	VOLT 12N8AM Wellbore#1, Design #1V0		VOLT 14G3-L Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 12N2CL-SRC EnergyPRWell, ActualBH SurveysV0
	VOLT 23N6AL Wellbore#1, Design #1V0		VOLT 25N6AL Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 13G2L-SRC EnergyPRWell, ActualBH SurveysV0
	VOLT 12N6BM Wellbore#1, Design #1V0		VOLT 25G3-L Wellbore#1, Design #1V0		BRANDONR, POCIS Well, ActualBH SurveysV0
	VOLT 11G3-L Wellbore#1, Design #1V0		VOLT 32O6-M Wellbore#1, Design #1V0		WILKEN 15-6, POCIS Well, No SurveysV0
	VOLT 13N6BM Wellbore#1, Design #1V0		VOLT 12N6CM Wellbore#1, Design #1V0		SOUTH6-22D, SRCP&A Well, ActualVB SurveysV0
	VOLT 32N6BM Wellbore#1, Design #1V0		VOLT 32G2-L Wellbore#1, Design #1V0		SOUTH6-24D, SRCP&A Well, VES Gyro SurveysV0
	VOLT 25N6CL Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 32N2BL-SRC EnergyPRWell, ActualBH SurveysV0		SOUTH6-23D, SRCP&A Well, ActualVB SurveysV0
	VOLT 34N6AM Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 32G2-L-SRC EnergyPRWell, ActualBH SurveysV0		BOSTFARM26N8BL Wellbore #1, Design #1V0
	VOLT 14N6CL Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 12N2AL-SRC EnergyPRWell, ActualBH SurveysV0		WEDMAN2-5 Noble EnergyPRWell, ActualQrestd Surveys (Grids True)V0
	VOLT 33N6CM Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 13N2CL-SRC EnergyPRWell, ActualBH SurveysV0		BOOMERANG28C-3-L-SRC EnergyPRWell, ActualBH SurveysV0
	VOLT 23N6BL Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 12G2-L-SRC EnergyPRWell, ActualBH SurveysV0		WEDMAN2-5 Noble EnergyPRWell, ActualQrestd Surveys (Grids True)V0
	VOLT 32N6AM Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 33N2BL-SRC EnergyPRWell, ActualBH SurveysV0		BOOMERANG34N6CM, SRCP Well, ActualBH SurveysV0
	VOLT 33N6AL Wellbore#1, Design #1V0		Buffederal 32G2-L-SRC EnergyPlanned Well,BHPlanned SurveysV0		PSCJ5411 Noble EnergySW Well, ActualVES Surveys (Grids to True)V0
	VOLT 36G3-L Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 33N2CL-SRC EnergyPRWell, ActualBH SurveysV0		
	VOLT 36N6AL Wellbore#1, Design #1V0		GREELEY-ROTHEFEDERAL 34C-L-SRC EnergyPRWell, ActualBH SurveysV0		

# Hewlett-Packard

## Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 33C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 33C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4817.00usft (IKON 12)

Offset Depths are relative to Offset Datum

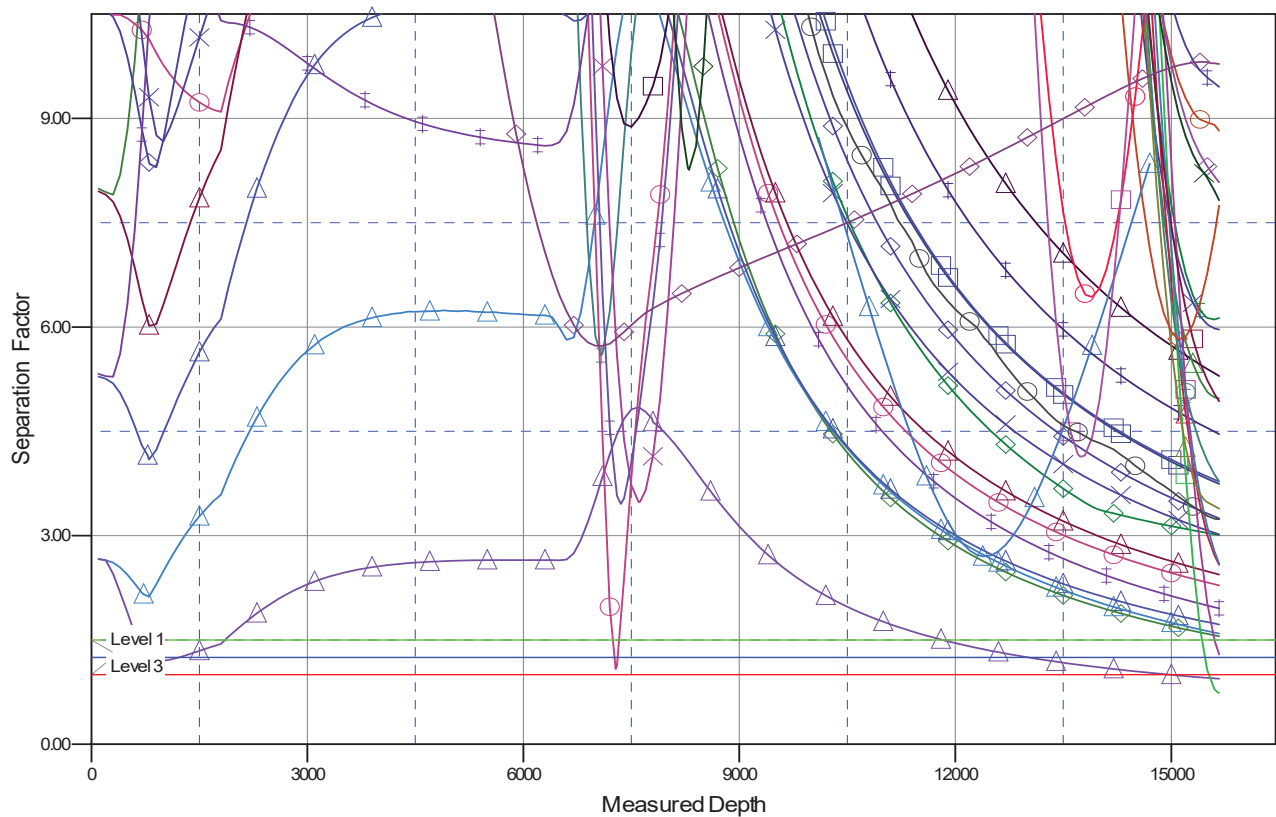
Central Meridian is -105.500000

Coordinates are relative to: VOLT 33C-6-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

## Separation Factor Plot



### LEGEND

VOLT 36NBL_Wellbore#1,Design#1V0	VOLT 11NBL_Wellbore#1,Design#1V0	Buffederal32N2C-LSRCEnergyPlannedWell,BHPlannedSurveyV0
VOLT 11NBL_Wellbore#1,Design#1V0	VOLT 13NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 13N2B-L,SRCEnergyPRWell,ActualBHSurveyV0
VOLT 13NBL_Wellbore#1,Design#1V0	VOLT 34NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 34N2B-L,SRCEnergyPRWell,ActualBHSurveyV0
VOLT 14NBL_Wellbore#1,Design#1V0	VOLT 3406-M_Wellbore#1,Design#1V0	Buffederal32N2B-LSRCEnergyPlannedWell,BHPlannedSurveyV0
VOLT 12NBL_Wellbore#1,Design#1V0	VOLT 1402-L_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 12N2C-L,SRCEnergyPRWell,ActualBHSurveyV0
VOLT 23NBL_Wellbore#1,Design#1V0	VOLT 25NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 13G2-L,SRCEnergyPRWell,ActualBHSurveyV0
VOLT 12NBL_Wellbore#1,Design#1V0	VOLT 25C3-L_Wellbore#1,Design#1V0	BRANDONR, PDCSWel,ActualMSBergySurveyV0
VOLT 11G3-L_Wellbore#1,Design#1V0	VOLT 3206-M_Wellbore#1,Design#1V0	WILKEN 15-6, PDCSWel, No SurveyV0
VOLT 13NBL_Wellbore#1,Design#1V0	VOLT 12NBL_Wellbore#1,Design#1V0	SOUTH6-22D, SRCP&A Well, Actual VBS SurveyV0
VOLT 32NBL_Wellbore#1,Design#1V0	VOLT 33NBL_Wellbore#1,Design#1V0	SOUTH6-24D, SRCP&A Well, VES Gyro SurveyV0
VOLT 25NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 32N2B-L,SRCEnergyPRWell,ActualBHSurveyV0	SOUTH6-23D, SRCP&A Well, Actual VBS SurveyV0
VOLT 34NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 32G2-L,SRCEnergyPRWell,ActualBHSurveyV0	SOSTFARM59NBL_Wellbore#1,Design#1V0
VOLT 14NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 12N2A-L,SRCEnergyPRWell,ActualBHSurveyV0	WIDEMAN25-5,Noble EnergyPRWell,ActualCorestedSurvey(Grid to True)V0
VOLT 33NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 13N2C-L,SRCEnergyPRWell,ActualBHSurveyV0	BOOMERANG28C-3-L,SRCEnergyPRWell,ActualBHSurveyV0
VOLT 23NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 12G2-L,SRCEnergyPRWell,ActualBHSurveyV0	WIDEMAN22-5,Noble EnergyPRWell,ActualCorestedSurvey(Grid to True)V0
VOLT 32NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 33N2B-L,SRCEnergyPRWell,ActualBHSurveyV0	BOOMERANG34N6C-M, SRCPRWell, ActualBHSurveyV0
VOLT 36NBL_Wellbore#1,Design#1V0	Buffederal32C2-LSRCEnergyPlannedWell,BHPlannedSurveyV0	PSCJ5411,Noble EnergySWel,ActualVES Survey(Grid to True)V0
VOLT 36C2-L_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 33N2C-L,SRCEnergyPRWell,ActualBHSurveyV0	
VOLT 36NBL_Wellbore#1,Design#1V0	GREELEY-ROTHEFEDERAL 34C2-L,SRCEnergyPRWell,ActualBHSurveyV0	