

# **SRC ENERGY**

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

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

**VOLT 36N-3B-L**

**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 36N-3B-L
<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 36N-3B-L	<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	17,997.31	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
Offset Well - Wellbore - Design						
5N-66W-04 Offsets Incomplete						
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,153.46	7,340.51	1,585.08	1,468.70	13.619	CC, ES
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,300.00	7,340.19	1,591.84	1,473.66	13.470	SF
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,798.45	7,131.09	1,604.13	1,515.33	18.064	CC
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,800.00	7,131.10	1,604.14	1,515.31	18.059	ES
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	11,000.00	7,131.70	1,616.75	1,525.82	17.781	SF
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	10,864.88	7,194.41	152.43	62.44	1.694	CC, ES, SF
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,200.00	7,391.39	131.87	14.99	1.128	Level 2, ES, SF
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,202.88	7,391.40	131.84	15.07	1.129	Level 2, CC
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,593.40	7,231.30	774.81	671.69	7.514	CC
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,600.00	7,231.28	774.84	671.66	7.510	ES, SF
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,102.96	7,111.93	871.60	794.20	11.261	CC, ES
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,200.00	7,111.16	876.98	798.91	11.233	SF
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,531.89	7,265.99	159.51	88.94	2.260	CC, ES, SF
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,484.61	7,255.82	1,575.54	1,505.85	22.608	CC
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,500.00	7,255.72	1,575.61	1,505.75	22.553	ES
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,700.00	7,254.39	1,590.19	1,518.44	22.162	SF
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,733.89	7,278.37	2,381.77	2,271.12	21.525	CC
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,800.00	7,278.66	2,382.69	2,271.05	21.342	ES
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	12,200.00	7,280.41	2,426.95	2,310.81	20.896	SF
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	16,627.17	16,494.87	2,473.30	2,030.17	5.581	CC
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	17,997.31	17,843.66	2,485.05	1,979.94	4.920	ES, SF
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	6,945.03	8,116.00	2,457.58	2,402.80	44.861	CC, ES
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,000.00	8,107.95	2,458.25	2,403.35	44.778	SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	3,111.31	3,032.07	1,079.64	1,063.17	65.571	CC
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	3,200.00	3,119.47	1,079.75	1,062.93	64.205	ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	7,100.00	6,864.55	1,354.23	1,318.96	38.396	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	5,381.10	5,800.00	2,338.95	2,305.82	70.595	CC, ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	6,500.00	6,600.00	2,406.64	2,368.41	62.949	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,600.00	7,509.71	2,419.79	2,370.07	48.666	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	8,200.00	7,504.85	2,494.38	2,440.20	46.042	SF

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 11C-3-L - Wellbore #1 - Design #1	200.00	202.00	140.04	132.47	18.489	CC, ES
VOLT 11C-3-L - Wellbore #1 - Design #1	17,997.31	18,084.88	1,238.36	858.24	3.258	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	200.00	202.00	180.14	172.56	23.782	CC, ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	17,997.31	17,939.28	1,711.93	1,328.07	4.460	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	200.00	202.00	160.09	152.52	21.135	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	17,997.31	18,009.12	1,501.15	1,117.77	3.916	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	903.36	738.18	1,060.19	1,051.41	120.702	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	8,100.00	6,941.49	1,279.00	1,231.39	26.864	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	933.55	767.65	1,077.19	1,068.29	121.051	CC, ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	8,300.00	6,920.08	1,460.82	1,409.81	28.638	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	967.50	800.00	1,093.97	1,084.94	121.149	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	8,500.00	6,890.03	1,657.51	1,603.68	30.794	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	7,830.82	7,250.40	566.10	519.46	12.138	CC, ES
VOLT 13C-6-M - Wellbore #1 - Design #1	7,900.00	7,206.75	568.48	521.49	12.098	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,357.35	7,576.96	504.73	463.09	12.122	CC
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,400.00	7,534.70	504.85	462.91	12.040	ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,700.00	7,265.64	513.61	469.82	11.729	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	7,621.23	7,347.83	172.39	128.39	3.918	CC, ES, SF
VOLT 14C-3-L - Wellbore #1 - Design #1	200.00	201.00	60.14	52.56	7.940	CC, ES
VOLT 14C-3-L - Wellbore #1 - Design #1	17,997.31	18,128.24	646.50	274.12	1.736	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	200.00	201.00	40.09	32.52	5.293	CC
VOLT 14N-3B-L - Wellbore #1 - Design #1	600.00	606.24	40.35	32.24	4.977	ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	17,997.31	17,947.33	473.14	89.97	1.235	Level 2, SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	680.68	683.76	18.22	9.95	2.202	CC
VOLT 14N-3C-L - Wellbore #1 - Design #1	17,997.31	18,041.02	222.36	-148.28	0.600	Level 1, ES, SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	200.00	201.00	80.19	72.61	10.587	CC, ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	17,997.31	17,824.78	679.01	299.82	1.791	SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	521.02	535.47	118.87	110.89	14.905	CC, ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	17,997.31	17,932.24	1,070.28	686.64	2.790	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	200.00	202.00	100.23	92.66	13.232	CC, ES
VOLT 23N-3C-L - Wellbore #1 - Design #1	17,997.31	18,015.17	857.47	474.77	2.241	SF
VOLT 25C-3-L - Wellbore #1 - Design #1	200.00	203.00	200.18	192.61	26.427	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	17,997.31	18,102.88	1,913.67	1,531.35	5.005	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	228.36	233.25	219.94	212.34	28.955	CC, ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	17,997.31	17,837.22	1,955.35	1,571.50	5.094	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	200.00	203.00	240.00	232.42	31.683	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	17,997.31	18,055.87	2,144.60	1,760.56	5.584	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	1,057.88	887.89	1,122.35	1,112.97	119.617	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	8,600.00	6,886.83	1,852.76	1,796.80	33.113	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	989.63	820.94	1,113.31	1,104.18	121.864	CC
VOLT 32N-6A-M - Wellbore #1 - Design #1	1,000.00	828.78	1,113.32	1,104.15	121.388	ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	8,600.00	6,759.34	1,961.68	1,906.58	35.603	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	1,004.63	832.18	1,153.48	1,144.27	125.237	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	8,800.00	6,800.00	2,111.11	2,052.97	36.306	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	7,918.88	7,166.72	1,014.37	966.75	21.299	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	8,100.00	7,079.09	1,025.73	976.76	20.943	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,069.37	7,689.50	656.37	615.96	16.242	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,100.00	7,667.26	656.71	616.20	16.210	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,753.16	7,258.22	906.84	861.57	20.029	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	8,000.00	7,094.37	921.84	874.74	19.572	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	7,757.48	7,266.57	121.64	75.31	2.626	CC, ES, SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	7,432.96	7,463.53	61.31	18.96	1.448	Level 3, CC, ES, SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,649.19	7,298.98	323.35	278.07	7.140	CC, ES

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 34N-6C-M - Wellbore #1 - Design #1	7,700.00	7,260.30	324.90	278.87	7.058	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	726.29	723.39	16.50	8.11	1.967	CC
VOLT 36C-3-L - Wellbore #1 - Design #1	17,672.78	17,901.97	281.67	-27.70	0.910	Level 1, ES, SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	800.00	793.74	32.78	24.19	3.816	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	17,600.00	17,555.23	455.43	97.77	1.273	Level 3, SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,470.10	15,470.95	611.74	337.77	2.233	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	9,600.00	17,573.34	625.26	258.99	1.707	ES, SF
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	10,516.93	7,977.26	553.72	437.44	4.762	CC
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	17,997.31	15,495.78	635.20	146.31	1.299	Level 3, ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	10,475.15	7,863.44	903.60	787.87	7.808	CC
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	17,997.31	15,377.46	969.02	482.49	1.992	ES, SF

<b>Offset Design</b>		5N-66W-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448										<b>Offset Well Error:</b>	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	7,107.52	7,344.01	7,073.75	64.66	21.68	-90.31	998.26	6,168.24	2,438.81	2,372.47	66.34	36.763	
10,400.00	7,107.18	7,343.84	7,073.58	66.25	21.68	-90.31	998.26	6,168.24	2,363.71	2,295.17	68.54	34.487	
10,500.00	7,106.83	7,343.67	7,073.41	67.85	21.68	-90.30	998.26	6,168.24	2,290.51	2,219.64	70.87	32.320	
10,600.00	7,106.48	7,343.50	7,073.24	69.46	21.68	-90.30	998.26	6,168.24	2,219.40	2,146.07	73.33	30.266	
10,700.00	7,106.13	7,343.32	7,073.06	71.07	21.68	-90.29	998.26	6,168.24	2,150.59	2,074.67	75.92	28.326	
10,800.00	7,105.78	7,343.14	7,072.89	72.68	21.68	-90.28	998.26	6,168.24	2,084.31	2,005.67	78.64	26.504	
10,900.00	7,105.43	7,342.97	7,072.71	74.29	21.68	-90.28	998.26	6,168.24	2,020.80	1,939.32	81.48	24.801	
11,000.00	7,105.08	7,342.78	7,072.53	75.91	21.68	-90.27	998.26	6,168.24	1,960.35	1,875.91	84.43	23.218	
11,100.00	7,104.73	7,342.60	7,072.34	77.52	21.68	-90.26	998.26	6,168.24	1,903.23	1,815.74	87.48	21.756	
11,200.00	7,104.38	7,342.41	7,072.16	79.14	21.68	-90.26	998.26	6,168.24	1,849.75	1,759.15	90.60	20.416	
11,300.00	7,104.03	7,342.23	7,071.97	80.77	21.68	-90.25	998.26	6,168.24	1,800.25	1,706.47	93.77	19.198	
11,400.00	7,103.68	7,342.03	7,071.78	82.39	21.68	-90.24	998.26	6,168.24	1,755.05	1,658.09	96.95	18.102	
11,500.00	7,103.34	7,341.84	7,071.58	84.02	21.68	-90.24	998.26	6,168.24	1,714.50	1,614.39	100.11	17.127	
11,600.00	7,102.99	7,341.64	7,071.39	85.65	21.68	-90.23	998.27	6,168.24	1,678.93	1,575.75	103.18	16.272	
11,700.00	7,102.64	7,341.45	7,071.19	87.28	21.68	-90.22	998.27	6,168.24	1,648.67	1,542.54	106.13	15.535	
11,800.00	7,102.29	7,341.24	7,070.99	88.91	21.68	-90.21	998.27	6,168.24	1,624.01	1,515.13	108.89	14.915	
11,900.00	7,101.94	7,341.04	7,070.78	90.54	21.68	-90.21	998.27	6,168.24	1,605.22	1,493.81	111.41	14.409	
12,000.00	7,101.59	7,340.83	7,070.57	92.18	21.68	-90.20	998.27	6,168.24	1,592.49	1,478.86	113.63	14.014	
12,100.00	7,101.24	7,340.62	7,070.36	93.81	21.68	-90.19	998.27	6,168.24	1,585.98	1,470.46	115.53	13.728	
12,153.46	7,101.05	7,340.51	7,070.25	94.69	21.68	-90.19	998.27	6,168.24	1,585.08	1,468.70	116.39	13.619	CC, ES
12,200.00	7,100.89	7,340.41	7,070.15	95.45	21.68	-90.18	998.27	6,168.24	1,585.77	1,468.72	117.05	13.548	
12,300.00	7,100.54	7,340.19	7,069.93	97.09	21.68	-90.18	998.27	6,168.24	1,591.84	1,473.66	118.18	13.470	SF
12,400.00	7,100.19	7,339.97	7,069.71	98.73	21.68	-90.17	998.27	6,168.24	1,604.14	1,485.22	118.92	13.490	
12,500.00	7,099.84	7,339.75	7,069.49	100.37	21.68	-90.16	998.27	6,168.24	1,622.52	1,503.26	119.27	13.604	
12,600.00	7,099.49	7,339.52	7,069.27	102.01	21.68	-90.15	998.27	6,168.23	1,646.78	1,527.53	119.25	13.809	
12,700.00	7,099.15	7,339.29	7,069.04	103.65	21.68	-90.14	998.27	6,168.23	1,676.66	1,557.76	118.90	14.101	
12,800.00	7,098.80	7,339.06	7,068.80	105.29	21.68	-90.14	998.27	6,168.23	1,711.87	1,593.61	118.26	14.476	
12,900.00	7,098.45	7,338.82	7,068.57	106.94	21.68	-90.13	998.27	6,168.23	1,752.09	1,634.72	117.36	14.929	
13,000.00	7,098.10	7,338.58	7,068.33	108.58	21.68	-90.12	998.28	6,168.23	1,796.97	1,680.72	116.25	15.457	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448													
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	7,097.75	7,338.34	7,068.08	110.23	21.68	-90.11	998.28	6,168.23	1,846.19	1,731.21	114.98	16.056	
13,200.00	7,097.40	7,338.09	7,067.84	111.88	21.68	-90.10	998.28	6,168.23	1,899.40	1,785.82	113.58	16.723	
13,300.00	7,097.05	7,337.84	7,067.59	113.53	21.68	-90.09	998.28	6,168.23	1,956.28	1,844.19	112.09	17.453	
13,400.00	7,096.70	7,337.59	7,067.33	115.17	21.67	-90.08	998.28	6,168.23	2,016.52	1,905.98	110.54	18.243	
13,500.00	7,096.35	7,337.33	7,067.07	116.82	21.67	-90.07	998.28	6,168.23	2,079.82	1,970.87	108.95	19.090	
13,600.00	7,096.00	7,337.07	7,066.81	118.47	21.67	-90.06	998.28	6,168.23	2,145.91	2,038.56	107.35	19.990	
13,700.00	7,095.65	7,336.80	7,066.54	120.12	21.67	-90.05	998.28	6,168.23	2,214.55	2,108.80	105.76	20.940	
13,800.00	7,095.31	7,336.53	7,066.27	121.77	21.67	-90.04	998.28	6,168.23	2,285.51	2,181.33	104.18	21.938	
13,900.00	7,094.96	7,336.25	7,066.00	123.42	21.67	-90.03	998.28	6,168.23	2,358.57	2,255.94	102.63	22.981	
14,000.00	7,094.61	7,335.97	7,065.72	125.08	21.67	-90.02	998.28	6,168.23	2,433.55	2,332.43	101.12	24.065	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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: 100-SRC Energy_VESSI GyroFlex V4, 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		
8,900.00	7,112.41	7,125.34	7,071.87	42.91	15.73	-90.04	1,011.35	4,813.13	2,485.43	2,434.55	50.88	48.853		
9,000.00	7,112.06	7,125.64	7,072.17	44.40	15.73	-90.05	1,011.35	4,813.13	2,409.91	2,357.54	52.37	46.019		
9,100.00	7,111.71	7,125.95	7,072.48	45.91	15.74	-90.06	1,011.35	4,813.14	2,336.23	2,282.27	53.96	43.293		
9,200.00	7,111.37	7,126.25	7,072.78	47.43	15.74	-90.07	1,011.35	4,813.14	2,264.57	2,208.91	55.66	40.684		
9,300.00	7,111.02	7,126.55	7,073.08	48.96	15.74	-90.08	1,011.35	4,813.14	2,195.13	2,137.66	57.47	38.199		
9,400.00	7,110.67	7,126.85	7,073.38	50.50	15.74	-90.09	1,011.35	4,813.14	2,128.12	2,068.75	59.37	35.843		
9,500.00	7,110.32	7,127.15	7,073.68	52.05	15.74	-90.10	1,011.35	4,813.14	2,063.79	2,002.40	61.38	33.622		
9,600.00	7,109.97	7,127.46	7,073.99	53.60	15.74	-90.11	1,011.34	4,813.15	2,002.38	1,938.89	63.49	31.541		
9,700.00	7,109.62	7,127.76	7,074.29	55.17	15.74	-90.13	1,011.34	4,813.15	1,944.18	1,878.51	65.67	29.603		
9,800.00	7,109.27	7,128.06	7,074.59	56.73	15.74	-90.14	1,011.34	4,813.15	1,889.48	1,821.55	67.94	27.812		
9,900.00	7,108.92	7,128.36	7,074.89	58.31	15.74	-90.15	1,011.34	4,813.15	1,838.60	1,768.35	70.26	26.170		
10,000.00	7,108.57	7,128.67	7,075.20	59.89	15.74	-90.16	1,011.34	4,813.15	1,791.86	1,719.25	72.61	24.678		
10,100.00	7,108.22	7,128.97	7,075.50	61.47	15.74	-90.17	1,011.34	4,813.16	1,749.59	1,674.62	74.97	23.337		
10,200.00	7,107.87	7,129.27	7,075.80	63.06	15.74	-90.18	1,011.34	4,813.16	1,712.13	1,634.82	77.31	22.146		
10,300.00	7,107.52	7,129.58	7,076.11	64.66	15.74	-90.19	1,011.33	4,813.16	1,679.79	1,600.20	79.59	21.105		
10,400.00	7,107.18	7,129.88	7,076.41	66.25	15.74	-90.20	1,011.33	4,813.16	1,652.88	1,571.10	81.78	20.211		
10,500.00	7,106.83	7,130.18	7,076.71	67.85	15.74	-90.21	1,011.33	4,813.16	1,631.66	1,547.83	83.83	19.464		
10,600.00	7,106.48	7,130.49	7,077.02	69.46	15.74	-90.22	1,011.33	4,813.17	1,616.36	1,530.65	85.71	18.858		
10,700.00	7,106.13	7,130.79	7,077.32	71.07	15.75	-90.23	1,011.33	4,813.17	1,607.15	1,519.77	87.39	18.391		
10,798.45	7,105.78	7,131.09	7,077.62	72.65	15.75	-90.24	1,011.33	4,813.17	1,604.13	1,515.33	88.80	18.064 CC		
10,800.00	7,105.78	7,131.10	7,077.63	72.68	15.75	-90.24	1,011.33	4,813.17	1,604.14	1,515.31	88.83	18.059 ES		
10,900.00	7,105.43	7,131.40	7,077.93	74.29	15.75	-90.26	1,011.33	4,813.17	1,607.35	1,517.34	90.01	17.857		
11,000.00	7,105.08	7,131.70	7,078.23	75.91	15.75	-90.27	1,011.33	4,813.17	1,616.75	1,525.82	90.93	17.781 SF		
11,100.00	7,104.73	7,132.01	7,078.54	77.52	15.75	-90.28	1,011.32	4,813.18	1,632.23	1,540.65	91.58	17.823		
11,200.00	7,104.38	7,132.31	7,078.84	79.14	15.75	-90.29	1,011.32	4,813.18	1,653.63	1,561.66	91.97	17.980		
11,300.00	7,104.03	7,132.62	7,079.15	80.77	15.75	-90.30	1,011.32	4,813.18	1,680.71	1,588.60	92.11	18.246		
11,400.00	7,103.68	7,132.92	7,079.45	82.39	15.75	-90.31	1,011.32	4,813.18	1,713.21	1,621.18	92.04	18.615		
11,500.00	7,103.34	7,133.23	7,079.76	84.02	15.75	-90.32	1,011.32	4,813.18	1,750.83	1,659.07	91.76	19.080		
11,600.00	7,102.99	7,133.53	7,080.06	85.65	15.75	-90.33	1,011.32	4,813.19	1,793.24	1,701.93	91.32	19.638		
11,700.00	7,102.64	7,133.84	7,080.37	87.28	15.75	-90.34	1,011.32	4,813.19	1,840.12	1,749.39	90.73	20.282		
11,800.00	7,102.29	7,134.14	7,080.67	88.91	15.75	-90.35	1,011.32	4,813.19	1,891.12	1,801.09	90.03	21.006		
11,900.00	7,101.94	7,134.45	7,080.98	90.54	15.75	-90.36	1,011.31	4,813.19	1,945.93	1,856.69	89.24	21.806		
12,000.00	7,101.59	7,134.76	7,081.29	92.18	15.75	-90.38	1,011.31	4,813.19	2,004.23	1,915.85	88.38	22.677		
12,100.00	7,101.24	7,135.06	7,081.59	93.81	15.75	-90.39	1,011.31	4,813.20	2,065.73	1,978.26	87.48	23.615		
12,200.00	7,100.89	7,135.37	7,081.90	95.45	15.75	-90.40	1,011.31	4,813.20	2,130.16	2,043.61	86.54	24.613		
12,300.00	7,100.54	7,135.67	7,082.20	97.09	15.76	-90.41	1,011.31	4,813.20	2,197.24	2,111.64	85.60	25.670		
12,400.00	7,100.19	7,135.98	7,082.51	98.73	15.76	-90.42	1,011.31	4,813.20	2,266.75	2,182.11	84.65	26.779		
12,500.00	7,099.84	7,136.29	7,082.82	100.37	15.76	-90.43	1,011.31	4,813.20	2,338.48	2,254.78	83.70	27.939		
12,600.00	7,099.49	7,136.59	7,083.12	102.01	15.76	-90.44	1,011.31	4,813.21	2,412.22	2,329.45	82.77	29.144		
12,700.00	7,099.15	7,136.90	7,083.43	103.65	15.76	-90.45	1,011.30	4,813.21	2,487.79	2,405.93	81.85	30.393		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-04 Offsets Incomplete - DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 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		
8,400.00	7,114.16	7,161.85	7,035.46	35.66	16.74	-76.99	-440.62	4,885.43	2,469.37	2,431.16	38.21	64.627		
8,500.00	7,113.81	7,163.16	7,036.77	37.07	16.74	-77.46	-440.60	4,885.45	2,369.57	2,331.25	38.32	61.834		
8,600.00	7,113.46	7,164.47	7,038.07	38.51	16.75	-77.93	-440.57	4,885.47	2,269.80	2,231.36	38.44	59.044		
8,700.00	7,113.11	7,165.78	7,039.39	39.96	16.75	-78.41	-440.55	4,885.49	2,170.04	2,131.47	38.57	56.258		
8,800.00	7,112.76	7,167.09	7,040.70	41.42	16.75	-78.88	-440.53	4,885.51	2,070.31	2,031.60	38.71	53.478		
8,900.00	7,112.41	7,168.40	7,042.01	42.91	16.75	-79.36	-440.51	4,885.54	1,970.61	1,931.74	38.87	50.702		
9,000.00	7,112.06	7,169.72	7,043.32	44.40	16.76	-79.84	-440.49	4,885.56	1,870.93	1,831.90	39.03	47.931		
9,100.00	7,111.71	7,171.03	7,044.64	45.91	16.76	-80.33	-440.47	4,885.58	1,771.29	1,732.07	39.22	45.165		
9,200.00	7,111.37	7,172.35	7,045.95	47.43	16.76	-80.81	-440.44	4,885.60	1,671.69	1,632.27	39.42	42.404		
9,300.00	7,111.02	7,173.67	7,047.27	48.96	16.76	-81.29	-440.42	4,885.62	1,572.14	1,532.49	39.65	39.648		
9,400.00	7,110.67	7,174.99	7,048.59	50.50	16.77	-81.78	-440.40	4,885.65	1,472.66	1,432.74	39.91	36.898		
9,500.00	7,110.32	7,176.30	7,049.91	52.05	16.77	-82.27	-440.38	4,885.67	1,373.24	1,333.03	40.21	34.152		
9,600.00	7,109.97	7,177.62	7,051.23	53.60	16.77	-82.76	-440.36	4,885.69	1,273.92	1,233.36	40.55	31.412		
9,700.00	7,109.62	7,178.95	7,052.55	55.17	16.77	-83.25	-440.33	4,885.71	1,174.70	1,133.74	40.96	28.678		
9,800.00	7,109.27	7,180.27	7,053.87	56.73	16.78	-83.74	-440.31	4,885.73	1,075.64	1,034.18	41.45	25.949		
9,900.00	7,108.92	7,181.59	7,055.19	58.31	16.78	-84.24	-440.29	4,885.76	976.76	934.70	42.05	23.227		
10,000.00	7,108.57	7,182.92	7,056.52	59.89	16.78	-84.73	-440.27	4,885.78	878.13	835.32	42.81	20.514		
10,100.00	7,108.22	7,184.24	7,057.84	61.47	16.78	-85.23	-440.25	4,885.80	779.85	736.06	43.78	17.811		
10,200.00	7,107.87	7,185.57	7,059.17	63.06	16.79	-85.72	-440.22	4,885.82	682.07	636.97	45.09	15.126		
10,300.00	7,107.52	7,186.90	7,060.50	64.66	16.79	-86.22	-440.20	4,885.85	585.03	538.12	46.91	12.471		
10,400.00	7,107.18	7,188.22	7,061.82	66.25	16.79	-86.72	-440.18	4,885.87	489.19	439.63	49.56	9.870		
10,500.00	7,106.83	7,189.55	7,063.15	67.85	16.79	-87.22	-440.16	4,885.89	395.40	341.77	53.63	7.372		
10,600.00	7,106.48	7,190.88	7,064.48	69.46	16.80	-87.72	-440.13	4,885.91	305.58	245.34	60.24	5.073		
10,700.00	7,106.13	7,192.22	7,065.81	71.07	16.80	-88.22	-440.11	4,885.93	224.53	153.32	71.21	3.153		
10,800.00	7,105.78	7,193.55	7,067.15	72.68	16.80	-88.72	-440.09	4,885.96	165.66	79.72	85.93	1.928		
10,864.88	7,105.55	7,194.41	7,068.01	73.72	16.80	-89.04	-440.08	4,885.97	152.43	62.44	89.99	1.694	CC, ES, SF	
10,900.00	7,105.43	7,194.88	7,068.48	74.29	16.80	-89.22	-440.07	4,885.98	156.42	68.79	87.63	1.785		
11,000.00	7,105.08	7,196.22	7,069.82	75.91	16.81	-89.72	-440.05	4,886.00	203.69	131.86	71.83	2.836		
11,100.00	7,104.73	7,197.55	7,071.15	77.52	16.81	-90.22	-440.02	4,886.02	280.19	221.28	58.91	4.756		
11,200.00	7,104.38	7,198.89	7,072.49	79.14	16.81	-90.73	-440.00	4,886.05	368.14	316.64	51.50	7.149		
11,300.00	7,104.03	7,200.23	7,073.83	80.77	16.81	-91.23	-439.98	4,886.07	461.01	413.72	47.29	9.748		
11,400.00	7,103.68	7,201.57	7,075.17	82.39	16.82	-91.73	-439.96	4,886.09	556.37	511.55	44.81	12.415		
11,500.00	7,103.34	7,202.91	7,076.51	84.02	16.82	-92.24	-439.93	4,886.11	653.11	609.81	43.29	15.086		
11,600.00	7,102.99	7,204.25	7,077.85	85.65	16.82	-92.74	-439.91	4,886.14	750.70	708.37	42.33	17.735		
11,700.00	7,102.64	7,205.60	7,079.19	87.28	16.82	-93.24	-439.89	4,886.16	848.85	807.14	41.71	20.352		
11,800.00	7,102.29	7,206.94	7,080.54	88.91	16.83	-93.74	-439.87	4,886.18	947.38	906.08	41.30	22.937		
11,900.00	7,101.94	7,208.29	7,081.88	90.54	16.83	-94.25	-439.84	4,886.20	1,046.20	1,005.15	41.04	25.491		
12,000.00	7,101.59	7,209.64	7,083.23	92.18	16.83	-94.75	-439.82	4,886.23	1,145.21	1,104.34	40.88	28.016		
12,100.00	7,101.24	7,210.99	7,084.58	93.81	16.83	-95.25	-439.80	4,886.25	1,244.39	1,203.60	40.78	30.514		
12,200.00	7,100.89	7,212.34	7,085.93	95.45	16.84	-95.75	-439.77	4,886.27	1,343.68	1,302.95	40.73	32.987		
12,300.00	7,100.54	7,213.69	7,087.28	97.09	16.84	-96.25	-439.75	4,886.30	1,443.07	1,402.35	40.72	35.437		
12,400.00	7,100.19	7,215.04	7,088.63	98.73	16.84	-96.75	-439.73	4,886.32	1,542.54	1,501.80	40.74	37.865		
12,500.00	7,099.84	7,216.39	7,089.98	100.37	16.85	-97.25	-439.71	4,886.34	1,642.07	1,601.29	40.77	40.272		
12,600.00	7,099.49	7,217.75	7,091.34	102.01	16.85	-97.75	-439.68	4,886.36	1,741.65	1,700.83	40.83	42.660		
12,700.00	7,099.15	7,219.10	7,092.69	103.65	16.85	-98.24	-439.66	4,886.39	1,841.28	1,800.39	40.89	45.029		
12,800.00	7,098.80	7,220.46	7,094.05	105.29	16.85	-98.74	-439.64	4,886.41	1,940.95	1,899.98	40.97	47.380		
12,900.00	7,098.45	7,221.82	7,095.41	106.94	16.86	-99.24	-439.62	4,886.43	2,040.64	1,999.59	41.05	49.713		
13,000.00	7,098.10	7,223.18	7,096.77	108.58	16.86	-99.73	-439.59	4,886.46	2,140.37	2,099.23	41.14	52.029		
13,100.00	7,097.75	7,224.54	7,098.13	110.23	16.86	-100.22	-439.57	4,886.48	2,240.12	2,198.88	41.23	54.328		
13,200.00	7,097.40	7,225.90	7,099.49	111.88	16.86	-100.72	-439.55	4,886.50	2,339.89	2,298.55	41.33	56.611		
13,300.00	7,097.05	7,227.27	7,100.86	113.53	16.87	-101.21	-439.52	4,886.52	2,439.67	2,398.24	41.44	58.877		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-04 Offsets Incomplete - DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7600-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		
9,800.00	7,109.27	7,384.72	7,059.83	56.73	21.75	-87.81	-454.66	6,224.01	2,406.48	2,365.43	41.05	58.622		
9,900.00	7,108.92	7,384.97	7,060.08	58.31	21.75	-87.92	-454.66	6,224.02	2,306.64	2,265.43	41.21	55.979		
10,000.00	7,108.57	7,385.23	7,060.34	59.89	21.75	-88.03	-454.67	6,224.02	2,206.81	2,165.44	41.37	53.341		
10,100.00	7,108.22	7,385.49	7,060.60	61.47	21.75	-88.14	-454.67	6,224.02	2,107.00	2,065.45	41.55	50.709		
10,200.00	7,107.87	7,385.76	7,060.87	63.06	21.75	-88.26	-454.67	6,224.02	2,007.20	1,965.46	41.74	48.084		
10,300.00	7,107.52	7,386.02	7,061.13	64.66	21.75	-88.37	-454.68	6,224.02	1,907.43	1,865.48	41.95	45.464		
10,400.00	7,107.18	7,386.29	7,061.40	66.25	21.75	-88.49	-454.68	6,224.02	1,807.68	1,765.50	42.19	42.851		
10,500.00	7,106.83	7,386.55	7,061.66	67.85	21.75	-88.60	-454.68	6,224.03	1,707.97	1,665.53	42.44	40.244		
10,600.00	7,106.48	7,386.82	7,061.93	69.46	21.75	-88.72	-454.69	6,224.03	1,608.28	1,565.56	42.72	37.644		
10,700.00	7,106.13	7,387.09	7,062.20	71.07	21.75	-88.84	-454.69	6,224.03	1,508.64	1,465.60	43.04	35.049		
10,800.00	7,105.78	7,387.37	7,062.48	72.68	21.75	-88.96	-454.69	6,224.03	1,409.05	1,365.64	43.41	32.461		
10,900.00	7,105.43	7,387.64	7,062.75	74.29	21.76	-89.08	-454.70	6,224.03	1,309.53	1,265.70	43.83	29.878		
11,000.00	7,105.08	7,387.92	7,063.03	75.91	21.76	-89.20	-454.70	6,224.04	1,210.08	1,165.75	44.32	27.302		
11,100.00	7,104.73	7,388.20	7,063.31	77.52	21.76	-89.32	-454.70	6,224.04	1,110.72	1,065.82	44.91	24.733		
11,200.00	7,104.38	7,388.48	7,063.59	79.14	21.76	-89.44	-454.71	6,224.04	1,011.50	965.88	45.62	22.170		
11,300.00	7,104.03	7,388.76	7,063.87	80.77	21.76	-89.56	-454.71	6,224.04	912.45	865.93	46.52	19.616		
11,400.00	7,103.68	7,389.04	7,064.15	82.39	21.76	-89.68	-454.71	6,224.04	813.63	765.97	47.66	17.073		
11,500.00	7,103.34	7,389.33	7,064.44	84.02	21.76	-89.81	-454.72	6,224.04	715.13	665.97	49.16	14.546		
11,600.00	7,102.99	7,389.62	7,064.73	85.65	21.76	-89.93	-454.72	6,224.05	617.12	565.89	51.23	12.047		
11,700.00	7,102.64	7,389.91	7,065.02	87.28	21.76	-90.06	-454.72	6,224.05	519.87	465.68	54.19	9.593		
11,800.00	7,102.29	7,390.20	7,065.31	88.91	21.76	-90.19	-454.73	6,224.05	423.90	365.21	58.69	7.222		
11,900.00	7,101.94	7,390.50	7,065.61	90.54	21.76	-90.31	-454.73	6,224.05	330.33	264.34	65.99	5.006		
12,000.00	7,101.59	7,390.79	7,065.90	92.18	21.76	-90.44	-454.73	6,224.05	241.95	163.31	78.64	3.077		
12,100.00	7,101.24	7,391.09	7,066.20	93.81	21.76	-90.57	-454.74	6,224.06	167.23	67.00	100.23	1.668		
12,200.00	7,100.89	7,391.39	7,066.50	95.45	21.76	-90.70	-454.74	6,224.06	131.87	14.99	116.89	1.128 Level 2, ES, SF		
12,202.88	7,100.88	7,391.40	7,066.51	95.50	21.76	-90.71	-454.74	6,224.06	131.84	15.07	116.77	1.129 Level 2, CC		
12,300.00	7,100.54	7,391.69	7,066.80	97.09	21.76	-90.83	-454.75	6,224.06	163.75	68.66	95.09	1.722		
12,400.00	7,100.19	7,392.00	7,067.11	98.73	21.76	-90.97	-454.75	6,224.06	237.15	165.10	72.05	3.291		
12,500.00	7,099.84	7,392.30	7,067.41	100.37	21.76	-91.10	-454.75	6,224.06	325.06	265.37	59.69	5.446		
12,600.00	7,099.49	7,392.61	7,067.72	102.01	21.76	-91.23	-454.76	6,224.07	418.43	365.33	53.10	7.880		
12,700.00	7,099.15	7,392.92	7,068.03	103.65	21.76	-91.37	-454.76	6,224.07	514.31	464.93	49.38	10.416		
12,800.00	7,098.80	7,393.24	7,068.34	105.29	21.76	-91.51	-454.76	6,224.07	611.50	564.35	47.15	12.969		
12,900.00	7,098.45	7,393.55	7,068.66	106.94	21.76	-91.64	-454.77	6,224.07	709.48	663.71	45.77	15.502		
13,000.00	7,098.10	7,393.87	7,068.98	108.58	21.76	-91.78	-454.77	6,224.07	807.95	763.07	44.88	18.002		
13,100.00	7,097.75	7,394.19	7,069.30	110.23	21.76	-91.92	-454.78	6,224.08	906.75	862.45	44.31	20.465		
13,200.00	7,097.40	7,394.51	7,069.62	111.88	21.77	-92.06	-454.78	6,224.08	1,005.80	961.86	43.94	22.892		
13,300.00	7,097.05	7,394.83	7,069.94	113.53	21.77	-92.20	-454.78	6,224.08	1,105.01	1,061.31	43.70	25.287		
13,400.00	7,096.70	7,395.16	7,070.27	115.17	21.77	-92.34	-454.79	6,224.08	1,204.36	1,160.80	43.56	27.651		
13,500.00	7,096.35	7,395.49	7,070.60	116.82	21.77	-92.48	-454.79	6,224.09	1,303.80	1,260.32	43.48	29.988		
13,600.00	7,096.00	7,395.82	7,070.93	118.47	21.77	-92.63	-454.80	6,224.09	1,403.32	1,359.88	43.45	32.301		
13,700.00	7,095.65	7,396.16	7,071.26	120.12	21.77	-92.77	-454.80	6,224.09	1,502.91	1,459.46	43.45	34.590		
13,800.00	7,095.31	7,396.49	7,071.60	121.77	21.77	-92.92	-454.80	6,224.09	1,602.55	1,559.07	43.48	36.857		
13,900.00	7,094.96	7,396.83	7,071.94	123.42	21.77	-93.07	-454.81	6,224.09	1,702.23	1,658.70	43.53	39.104		
14,000.00	7,094.61	7,397.17	7,072.28	125.08	21.77	-93.21	-454.81	6,224.10	1,801.94	1,758.35	43.60	41.333		
14,100.00	7,094.26	7,397.52	7,072.63	126.73	21.77	-93.36	-454.82	6,224.10	1,901.69	1,858.01	43.67	43.542		
14,200.00	7,093.91	7,397.86	7,072.97	128.38	21.77	-93.51	-454.82	6,224.10	2,001.46	1,957.70	43.76	45.735		
14,300.00	7,093.56	7,398.21	7,073.32	130.04	21.77	-93.67	-454.83	6,224.10	2,101.25	2,057.39	43.86	47.910		
14,400.00	7,093.21	7,398.56	7,073.67	131.69	21.77	-93.82	-454.83	6,224.11	2,201.06	2,157.10	43.96	50.069		
14,500.00	7,092.86	7,398.92	7,074.03	133.34	21.77	-93.97	-454.83	6,224.11	2,300.89	2,256.82	44.07	52.212		
14,600.00	7,092.51	7,399.27	7,074.38	135.00	21.77	-94.13	-454.84	6,224.11	2,400.73	2,356.55	44.18	54.340		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-04 Offsets Incomplete - DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-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		
9,300.00	7,111.02	7,236.82	7,071.91	48.96	17.19	-90.36	185.54	5,611.75	2,420.74	2,376.19	44.55	54.339		
9,400.00	7,110.67	7,236.60	7,071.69	50.50	17.19	-90.35	185.54	5,611.75	2,326.22	2,280.85	45.37	51.270		
9,500.00	7,110.32	7,236.38	7,071.47	52.05	17.19	-90.33	185.54	5,611.75	2,232.18	2,185.90	46.28	48.230		
9,600.00	7,109.97	7,236.16	7,071.24	53.60	17.19	-90.31	185.54	5,611.75	2,138.68	2,091.39	47.29	45.226		
9,700.00	7,109.62	7,235.93	7,071.02	55.17	17.19	-90.30	185.54	5,611.75	2,045.79	1,997.39	48.41	42.264		
9,800.00	7,109.27	7,235.70	7,070.79	56.73	17.19	-90.28	185.54	5,611.75	1,953.61	1,903.97	49.65	39.351		
9,900.00	7,108.92	7,235.47	7,070.56	58.31	17.19	-90.26	185.54	5,611.75	1,862.24	1,811.21	51.03	36.495		
10,000.00	7,108.57	7,235.24	7,070.33	59.89	17.19	-90.25	185.54	5,611.75	1,771.79	1,719.22	52.57	33.705		
10,100.00	7,108.22	7,235.01	7,070.10	61.47	17.19	-90.23	185.54	5,611.75	1,682.43	1,628.14	54.29	30.991		
10,200.00	7,107.87	7,234.78	7,069.86	63.06	17.19	-90.21	185.54	5,611.75	1,594.33	1,538.12	56.21	28.363		
10,300.00	7,107.52	7,234.54	7,069.63	64.66	17.19	-90.19	185.54	5,611.75	1,507.72	1,449.35	58.36	25.833		
10,400.00	7,107.18	7,234.30	7,069.39	66.25	17.19	-90.18	185.54	5,611.75	1,422.86	1,362.08	60.78	23.412		
10,500.00	7,106.83	7,234.06	7,069.15	67.85	17.19	-90.16	185.54	5,611.75	1,340.09	1,276.62	63.47	21.113		
10,600.00	7,106.48	7,233.82	7,068.90	69.46	17.19	-90.14	185.54	5,611.75	1,259.83	1,193.35	66.48	18.950		
10,700.00	7,106.13	7,233.57	7,068.66	71.07	17.19	-90.12	185.54	5,611.75	1,182.58	1,112.75	69.83	16.935		
10,800.00	7,105.78	7,233.33	7,068.41	72.68	17.19	-90.10	185.54	5,611.75	1,108.97	1,035.44	73.52	15.083		
10,900.00	7,105.43	7,233.08	7,068.17	74.29	17.19	-90.09	185.54	5,611.75	1,039.77	962.22	77.56	13.407		
11,000.00	7,105.08	7,232.83	7,067.92	75.91	17.19	-90.07	185.54	5,611.74	975.94	894.06	81.88	11.919		
11,100.00	7,104.73	7,232.58	7,067.66	77.52	17.19	-90.05	185.54	5,611.74	918.57	832.18	86.39	10.633		
11,200.00	7,104.38	7,232.32	7,067.41	79.14	17.19	-90.03	185.54	5,611.74	868.96	778.05	90.91	9.558		
11,300.00	7,104.03	7,232.06	7,067.15	80.77	17.19	-90.01	185.54	5,611.74	828.50	733.31	95.19	8.704		
11,400.00	7,103.68	7,231.81	7,066.89	82.39	17.19	-89.99	185.54	5,611.74	798.58	699.70	98.88	8.076		
11,500.00	7,103.34	7,231.54	7,066.63	84.02	17.18	-89.97	185.54	5,611.74	780.42	678.78	101.64	7.678		
11,593.40	7,103.01	7,231.30	7,066.38	85.54	17.18	-89.95	185.54	5,611.74	774.81	671.69	103.12	7.514 CC		
11,600.00	7,102.99	7,231.28	7,066.37	85.65	17.18	-89.95	185.54	5,611.74	774.84	671.66	103.18	7.510 ES, SF		
11,700.00	7,102.64	7,231.02	7,066.10	87.28	17.18	-89.93	185.54	5,611.74	782.11	678.74	103.37	7.566		
11,800.00	7,102.29	7,230.75	7,065.83	88.91	17.18	-89.91	185.54	5,611.74	801.88	699.61	102.27	7.841		
11,900.00	7,101.94	7,230.48	7,065.56	90.54	17.18	-89.89	185.54	5,611.74	833.26	733.14	100.13	8.322		
12,000.00	7,101.59	7,230.20	7,065.29	92.18	17.18	-89.87	185.54	5,611.74	875.01	777.76	97.25	8.998		
12,100.00	7,101.24	7,229.93	7,065.02	93.81	17.18	-89.85	185.54	5,611.74	925.73	831.77	93.96	9.853		
12,200.00	7,100.89	7,229.65	7,064.74	95.45	17.18	-89.83	185.54	5,611.74	984.02	893.51	90.50	10.873		
12,300.00	7,100.54	7,229.37	7,064.46	97.09	17.18	-89.81	185.54	5,611.74	1,048.62	961.54	87.08	12.042		
12,400.00	7,100.19	7,229.09	7,064.18	98.73	17.18	-89.79	185.54	5,611.74	1,118.45	1,034.65	83.80	13.347		
12,500.00	7,099.84	7,228.80	7,063.89	100.37	17.18	-89.77	185.53	5,611.74	1,192.58	1,111.84	80.73	14.772		
12,600.00	7,099.49	7,228.52	7,063.60	102.01	17.18	-89.75	185.53	5,611.74	1,270.26	1,192.35	77.91	16.304		
12,700.00	7,099.15	7,228.23	7,063.31	103.65	17.18	-89.73	185.53	5,611.74	1,350.88	1,275.55	75.33	17.932		
12,800.00	7,098.80	7,227.93	7,063.02	105.29	17.18	-89.71	185.53	5,611.74	1,433.94	1,360.95	73.00	19.644		
12,900.00	7,098.45	7,227.64	7,062.73	106.94	17.18	-89.68	185.53	5,611.74	1,519.05	1,448.17	70.88	21.431		
13,000.00	7,098.10	7,227.34	7,062.43	108.58	17.18	-89.66	185.53	5,611.74	1,605.87	1,536.90	68.98	23.282		
13,100.00	7,097.75	7,227.04	7,062.13	110.23	17.18	-89.64	185.53	5,611.74	1,694.15	1,626.90	67.26	25.189		
13,200.00	7,097.40	7,226.74	7,061.82	111.88	17.18	-89.62	185.53	5,611.74	1,783.67	1,717.96	65.71	27.146		
13,300.00	7,097.05	7,226.43	7,061.52	113.53	17.18	-89.59	185.53	5,611.74	1,874.24	1,809.94	64.31	29.145		
13,400.00	7,096.70	7,226.12	7,061.21	115.17	17.17	-89.57	185.53	5,611.74	1,965.73	1,902.69	63.04	31.180		
13,500.00	7,096.35	7,225.81	7,060.90	116.82	17.17	-89.55	185.53	5,611.74	2,058.01	1,996.11	61.90	33.247		
13,600.00	7,096.00	7,225.50	7,060.58	118.47	17.17	-89.52	185.53	5,611.74	2,150.98	2,090.12	60.87	35.339		
13,700.00	7,095.65	7,225.18	7,060.26	120.12	17.17	-89.50	185.53	5,611.74	2,244.56	2,184.63	59.93	37.453		
13,800.00	7,095.31	7,224.86	7,059.94	121.77	17.17	-89.48	185.53	5,611.74	2,338.67	2,279.59	59.08	39.585		
13,900.00	7,094.96	7,224.53	7,059.62	123.42	17.17	-89.45	185.53	5,611.74	2,433.25	2,374.94	58.31	41.732		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-04 Offsets Incomplete - DUKE J 4-33 - SRCI 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		
7,800.00	7,116.25	7,129.67	7,093.05	27.85	15.56	-91.30	275.69	4,120.84	2,462.32	2,423.37	38.95	63.215		
7,900.00	7,115.90	7,128.92	7,092.30	29.06	15.56	-91.25	275.70	4,120.84	2,369.06	2,329.64	39.42	60.095		
8,000.00	7,115.55	7,128.17	7,091.54	30.31	15.56	-91.20	275.70	4,120.84	2,276.37	2,236.42	39.95	56.978		
8,100.00	7,115.21	7,127.42	7,090.79	31.60	15.56	-91.16	275.70	4,120.84	2,184.33	2,143.78	40.55	53.868		
8,200.00	7,114.86	7,126.66	7,090.04	32.92	15.55	-91.11	275.70	4,120.85	2,093.02	2,051.80	41.22	50.771		
8,300.00	7,114.51	7,125.90	7,089.28	34.28	15.55	-91.06	275.70	4,120.85	2,002.54	1,960.55	41.99	47.695		
8,400.00	7,114.16	7,125.14	7,088.52	35.66	15.55	-91.01	275.71	4,120.85	1,913.01	1,870.16	42.85	44.648		
8,500.00	7,113.81	7,124.38	7,087.76	37.07	15.55	-90.96	275.71	4,120.86	1,824.56	1,780.74	43.82	41.640		
8,600.00	7,113.46	7,123.62	7,087.00	38.51	15.55	-90.91	275.71	4,120.86	1,737.37	1,692.45	44.91	38.682		
8,700.00	7,113.11	7,122.86	7,086.23	39.96	15.55	-90.86	275.71	4,120.86	1,651.63	1,605.47	46.15	35.787		
8,800.00	7,112.76	7,122.09	7,085.47	41.42	15.54	-90.81	275.71	4,120.87	1,567.58	1,520.03	47.55	32.969		
8,900.00	7,112.41	7,121.32	7,084.70	42.91	15.54	-90.76	275.72	4,120.87	1,485.50	1,436.38	49.12	30.244		
9,000.00	7,112.06	7,120.55	7,083.93	44.40	15.54	-90.70	275.72	4,120.87	1,405.75	1,354.87	50.88	27.629		
9,100.00	7,111.71	7,119.78	7,083.16	45.91	15.54	-90.65	275.72	4,120.88	1,328.74	1,275.90	52.85	25.143		
9,200.00	7,111.37	7,119.01	7,082.38	47.43	15.54	-90.60	275.72	4,120.88	1,254.98	1,199.95	55.03	22.804		
9,300.00	7,111.02	7,118.23	7,081.61	48.96	15.54	-90.55	275.72	4,120.88	1,185.07	1,127.63	57.44	20.632		
9,400.00	7,110.67	7,117.45	7,080.83	50.50	15.53	-90.50	275.73	4,120.89	1,119.74	1,059.69	60.05	18.647		
9,500.00	7,110.32	7,116.67	7,080.05	52.05	15.53	-90.45	275.73	4,120.89	1,059.82	996.99	62.84	16.867		
9,600.00	7,109.97	7,115.89	7,079.27	53.60	15.53	-90.40	275.73	4,120.89	1,006.30	940.57	65.73	15.309		
9,700.00	7,109.62	7,115.11	7,078.48	55.17	15.53	-90.35	275.73	4,120.90	960.24	891.59	68.65	13.988		
9,800.00	7,109.27	7,114.32	7,077.70	56.73	15.53	-90.29	275.73	4,120.90	922.75	851.32	71.43	12.918		
9,900.00	7,108.92	7,113.53	7,076.91	58.31	15.53	-90.24	275.74	4,120.90	894.92	820.99	73.93	12.105		
10,000.00	7,108.57	7,112.74	7,076.12	59.89	15.52	-90.19	275.74	4,120.91	877.66	801.71	75.95	11.555		
10,100.00	7,108.22	7,111.95	7,075.33	61.47	15.52	-90.14	275.74	4,120.91	871.60	794.24	77.37	11.266		
10,102.96	7,108.21	7,111.93	7,075.31	61.52	15.52	-90.14	275.74	4,120.91	871.60	794.20	77.40	11.261 CC, ES		
10,200.00	7,107.87	7,111.16	7,074.54	63.06	15.52	-90.09	275.74	4,120.91	876.98	798.91	78.08	11.233 SF		
10,300.00	7,107.52	7,110.36	7,073.74	64.66	15.52	-90.03	275.74	4,120.92	893.59	815.51	78.08	11.445		
10,400.00	7,107.18	7,109.57	7,072.94	66.25	15.52	-89.98	275.75	4,120.92	920.82	843.37	77.46	11.888		
10,500.00	7,106.83	7,108.77	7,072.14	67.85	15.52	-89.93	275.75	4,120.92	957.77	881.44	76.33	12.548		
10,600.00	7,106.48	7,107.96	7,071.34	69.46	15.51	-89.88	275.75	4,120.93	1,003.35	928.50	74.85	13.405		
10,700.00	7,106.13	7,107.16	7,070.54	71.07	15.51	-89.82	275.75	4,120.93	1,056.46	983.31	73.16	14.441		
10,800.00	7,105.78	7,106.36	7,069.73	72.68	15.51	-89.77	275.75	4,120.93	1,116.03	1,044.66	71.36	15.639		
10,900.00	7,105.43	7,105.55	7,068.92	74.29	15.51	-89.72	275.75	4,120.94	1,181.07	1,111.51	69.56	16.979		
11,000.00	7,105.08	7,104.74	7,068.11	75.91	15.51	-89.66	275.76	4,120.94	1,250.73	1,182.92	67.80	18.447		
11,100.00	7,104.73	7,103.93	7,067.30	77.52	15.51	-89.61	275.76	4,120.94	1,324.28	1,258.15	66.13	20.026		
11,200.00	7,104.38	7,103.11	7,066.49	79.14	15.50	-89.56	275.76	4,120.95	1,401.11	1,336.55	64.56	21.704		
11,300.00	7,104.03	7,102.30	7,065.67	80.77	15.50	-89.50	275.76	4,120.95	1,480.71	1,417.61	63.10	23.467		
11,400.00	7,103.68	7,101.48	7,064.85	82.39	15.50	-89.45	275.76	4,120.95	1,562.65	1,500.90	61.75	25.305		
11,500.00	7,103.34	7,100.66	7,064.03	84.02	15.50	-89.40	275.77	4,120.96	1,646.60	1,586.08	60.52	27.207		
11,600.00	7,102.99	7,099.84	7,063.21	85.65	15.50	-89.34	275.77	4,120.96	1,732.24	1,672.85	59.39	29.166		
11,700.00	7,102.64	7,099.03	7,062.40	87.28	15.50	-89.29	275.77	4,120.97	1,819.36	1,760.99	58.36	31.172		
11,800.00	7,102.29	7,098.21	7,061.59	88.91	15.49	-89.24	275.77	4,120.97	1,907.73	1,850.31	57.43	33.221		
11,900.00	7,101.94	7,097.40	7,060.78	90.54	15.49	-89.18	275.77	4,120.97	1,997.21	1,940.63	56.57	35.304		
12,000.00	7,101.59	7,096.58	7,059.96	92.18	15.49	-89.13	275.77	4,120.98	2,087.63	2,031.84	55.79	37.417		
12,100.00	7,101.24	7,095.77	7,059.14	93.81	15.49	-89.08	275.78	4,120.98	2,178.90	2,123.81	55.08	39.556		
12,200.00	7,100.89	7,094.95	7,058.32	95.45	15.49	-89.02	275.78	4,120.98	2,270.90	2,216.46	54.44	41.716		
12,300.00	7,100.54	7,094.13	7,057.50	97.09	15.49	-88.97	275.78	4,120.99	2,363.55	2,309.70	53.85	43.893		
12,400.00	7,100.19	7,093.30	7,056.68	98.73	15.48	-88.91	275.78	4,120.99	2,456.77	2,403.46	53.31	46.084		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-04 Offsets Incomplete - Duke USX J 05-16 - SRCI P&A Well - Actual VES Surveys (Grid to Tru													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-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		
7,000.00	6,868.90	7,028.69	6,837.58	20.48	18.36	-12.60	-439.76	3,553.31	2,457.63	2,421.45	36.18	67.929		
7,100.00	6,942.84	7,100.29	6,909.18	21.13	18.49	-12.19	-439.43	3,553.22	2,391.23	2,354.51	36.72	65.127		
7,200.00	7,005.45	7,164.21	6,973.10	21.87	18.59	-12.84	-439.13	3,553.14	2,314.06	2,276.85	37.21	62.182		
7,300.00	7,055.21	7,214.58	7,023.47	22.70	18.68	-14.88	-438.98	3,553.07	2,227.99	2,190.35	37.64	59.192		
7,400.00	7,090.87	7,250.06	7,058.95	23.61	18.74	-19.82	-438.90	3,553.01	2,135.16	2,097.18	37.98	56.225		
7,500.00	7,111.57	7,270.58	7,079.47	24.59	18.78	-35.19	-438.86	3,552.98	2,037.84	1,999.64	38.21	53.339		
7,600.00	7,116.95	7,275.81	7,084.69	25.62	18.79	-93.40	-438.85	3,552.97	1,938.44	1,900.11	38.33	50.574		
7,700.00	7,116.60	7,275.30	7,084.19	26.71	18.78	-93.22	-438.85	3,552.97	1,838.80	1,800.38	38.42	47.867		
7,800.00	7,116.25	7,274.79	7,083.68	27.85	18.78	-93.04	-438.85	3,552.97	1,739.20	1,700.68	38.51	45.160		
7,900.00	7,115.90	7,274.28	7,083.17	29.06	18.78	-92.86	-438.85	3,552.97	1,639.64	1,601.02	38.62	42.455		
8,000.00	7,115.55	7,273.77	7,082.66	30.31	18.78	-92.68	-438.85	3,552.97	1,540.15	1,501.41	38.74	39.752		
8,100.00	7,115.21	7,273.27	7,082.16	31.60	18.78	-92.49	-438.85	3,552.97	1,440.73	1,401.84	38.89	37.050		
8,200.00	7,114.86	7,272.76	7,081.65	32.92	18.78	-92.31	-438.85	3,552.97	1,341.39	1,302.34	39.05	34.350		
8,300.00	7,114.51	7,272.25	7,081.14	34.28	18.78	-92.13	-438.85	3,552.97	1,242.16	1,202.91	39.24	31.653		
8,400.00	7,114.16	7,271.74	7,080.63	35.66	18.78	-91.95	-438.86	3,552.97	1,143.06	1,103.58	39.47	28.957		
8,500.00	7,113.81	7,271.23	7,080.12	37.07	18.78	-91.77	-438.86	3,552.97	1,044.13	1,004.38	39.76	26.264		
8,600.00	7,113.46	7,270.73	7,079.62	38.51	18.78	-91.58	-438.86	3,552.98	945.43	905.32	40.11	23.573		
8,700.00	7,113.11	7,270.22	7,079.11	39.96	18.78	-91.40	-438.86	3,552.98	847.03	806.48	40.55	20.886		
8,800.00	7,112.76	7,269.71	7,078.60	41.42	18.77	-91.22	-438.86	3,552.98	749.06	707.91	41.15	18.204		
8,900.00	7,112.41	7,269.20	7,078.09	42.91	18.77	-91.04	-438.86	3,552.98	651.70	609.74	41.96	15.531		
9,000.00	7,112.06	7,268.69	7,077.58	44.40	18.77	-90.85	-438.86	3,552.98	555.28	512.16	43.13	12.876		
9,100.00	7,111.71	7,268.18	7,077.07	45.91	18.77	-90.67	-438.86	3,552.98	460.40	415.51	44.89	10.256		
9,200.00	7,111.37	7,267.68	7,076.56	47.43	18.77	-90.49	-438.86	3,552.98	368.22	320.51	47.72	7.717		
9,300.00	7,111.02	7,267.17	7,076.06	48.96	18.77	-90.30	-438.87	3,552.98	281.45	228.93	52.52	5.359		
9,400.00	7,110.67	7,266.66	7,075.55	50.50	18.77	-90.12	-438.87	3,552.98	206.97	146.39	60.58	3.416		
9,500.00	7,110.32	7,266.15	7,075.04	52.05	18.77	-89.94	-438.87	3,552.98	162.66	93.02	69.64	2.336		
9,531.89	7,110.21	7,265.99	7,074.88	52.54	18.77	-89.88	-438.87	3,552.98	159.51	88.94	70.56	2.260	CC, ES, SF	
9,600.00	7,109.97	7,265.64	7,074.53	53.60	18.77	-89.76	-438.87	3,552.98	173.44	106.43	67.01	2.588		
9,700.00	7,109.62	7,265.13	7,074.02	55.17	18.77	-89.57	-438.87	3,552.98	231.74	174.91	56.83	4.078		
9,800.00	7,109.27	7,264.62	7,073.51	56.73	18.77	-89.39	-438.87	3,552.98	311.97	262.30	49.66	6.281		
9,900.00	7,108.92	7,264.11	7,073.00	58.31	18.77	-89.21	-438.87	3,552.99	401.18	355.54	45.64	8.790		
10,000.00	7,108.57	7,263.60	7,072.49	59.89	18.76	-89.02	-438.87	3,552.99	494.53	451.16	43.38	11.401		
10,100.00	7,108.22	7,263.09	7,071.98	61.47	18.76	-88.84	-438.87	3,552.99	590.07	548.02	42.05	14.032		
10,200.00	7,107.87	7,262.58	7,071.47	63.06	18.76	-88.66	-438.87	3,552.99	686.88	645.64	41.24	16.655		
10,300.00	7,107.52	7,262.07	7,070.96	64.66	18.76	-88.48	-438.88	3,552.99	784.49	743.75	40.73	19.259		
10,400.00	7,107.18	7,261.57	7,070.45	66.25	18.76	-88.29	-438.88	3,552.99	882.63	842.22	40.41	21.842		
10,500.00	7,106.83	7,261.06	7,069.94	67.85	18.76	-88.11	-438.88	3,552.99	981.15	940.95	40.20	24.404		
10,600.00	7,106.48	7,260.55	7,069.43	69.46	18.76	-87.93	-438.88	3,552.99	1,079.94	1,039.87	40.08	26.947		
10,700.00	7,106.13	7,260.04	7,068.92	71.07	18.76	-87.74	-438.88	3,552.99	1,178.94	1,138.93	40.00	29.472		
10,800.00	7,105.78	7,259.53	7,068.41	72.68	18.76	-87.56	-438.88	3,552.99	1,278.09	1,238.12	39.97	31.980		
10,900.00	7,105.43	7,259.02	7,067.90	74.29	18.76	-87.38	-438.88	3,552.99	1,377.36	1,337.40	39.96	34.471		
11,000.00	7,105.08	7,258.51	7,067.39	75.91	18.76	-87.20	-438.88	3,552.99	1,476.73	1,436.76	39.97	36.947		
11,100.00	7,104.73	7,258.00	7,066.88	77.52	18.75	-87.01	-438.88	3,553.00	1,576.18	1,536.18	40.00	39.407		
11,200.00	7,104.38	7,257.49	7,066.37	79.14	18.75	-86.83	-438.89	3,553.00	1,675.70	1,635.66	40.04	41.853		
11,300.00	7,104.03	7,256.97	7,065.86	80.77	18.75	-86.65	-438.89	3,553.00	1,775.27	1,735.18	40.09	44.284		
11,400.00	7,103.68	7,256.46	7,065.35	82.39	18.75	-86.46	-438.89	3,553.00	1,874.88	1,834.74	40.15	46.701		
11,500.00	7,103.34	7,255.95	7,064.84	84.02	18.75	-86.28	-438.89	3,553.00	1,974.54	1,934.33	40.21	49.104		
11,600.00	7,102.99	7,255.44	7,064.33	85.65	18.75	-86.10	-438.89	3,553.00	2,074.23	2,033.94	40.28	51.493		
11,700.00	7,102.64	7,254.93	7,063.82	87.28	18.75	-85.92	-438.89	3,553.00	2,173.94	2,133.59	40.36	53.868		
11,800.00	7,102.29	7,254.42	7,063.31	88.91	18.75	-85.73	-438.89	3,553.00	2,273.68	2,233.25	40.44	56.229		
11,900.00	7,101.94	7,253.91	7,062.80	90.54	18.75	-85.55	-438.89	3,553.00	2,373.45	2,332.93	40.52	58.577		
12,000.00	7,101.59	7,253.40	7,062.29	92.18	18.75	-85.37	-438.89	3,553.00	2,473.23	2,432.62	40.60	60.911		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-04 Offsets Incomplete - DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys (Grid to True)													<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 100-SRC Energy_VESSI GyroFlex V4, 7520-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		
7,600.00	7,116.95	7,267.20	7,099.01	25.62	18.03	-90.86	976.80	3,499.47	2,456.41	2,413.81	42.60	57.658		
7,700.00	7,116.60	7,266.64	7,098.45	26.71	18.03	-90.84	976.81	3,499.47	2,380.56	2,337.10	43.46	54.782		
7,800.00	7,116.25	7,266.08	7,097.89	27.85	18.03	-90.82	976.81	3,499.47	2,306.54	2,262.14	44.40	51.950		
7,900.00	7,115.90	7,265.51	7,097.32	29.06	18.03	-90.80	976.82	3,499.47	2,234.55	2,189.11	45.44	49.176		
8,000.00	7,115.55	7,264.93	7,096.75	30.31	18.03	-90.78	976.82	3,499.47	2,164.79	2,118.21	46.58	46.476		
8,100.00	7,115.21	7,264.36	7,096.17	31.60	18.03	-90.76	976.83	3,499.47	2,097.47	2,049.66	47.82	43.865		
8,200.00	7,114.86	7,263.77	7,095.59	32.92	18.03	-90.74	976.83	3,499.48	2,032.85	1,983.70	49.15	41.357		
8,300.00	7,114.51	7,263.18	7,095.00	34.28	18.03	-90.71	976.84	3,499.48	1,971.19	1,920.60	50.59	38.966		
8,400.00	7,114.16	7,262.59	7,094.41	35.66	18.03	-90.69	976.84	3,499.48	1,912.76	1,860.65	52.11	36.705		
8,500.00	7,113.81	7,261.99	7,093.81	37.07	18.02	-90.67	976.85	3,499.48	1,857.89	1,804.17	53.72	34.587		
8,600.00	7,113.46	7,261.39	7,093.21	38.51	18.02	-90.65	976.85	3,499.48	1,806.88	1,751.49	55.39	32.619		
8,700.00	7,113.11	7,260.78	7,092.60	39.96	18.02	-90.63	976.86	3,499.48	1,760.09	1,702.97	57.12	30.813		
8,800.00	7,112.76	7,260.17	7,091.98	41.42	18.02	-90.60	976.86	3,499.48	1,717.85	1,658.96	58.89	29.173		
8,900.00	7,112.41	7,259.55	7,091.36	42.91	18.02	-90.58	976.87	3,499.49	1,680.50	1,619.84	60.66	27.704		
9,000.00	7,112.06	7,258.92	7,090.74	44.40	18.02	-90.56	976.87	3,499.49	1,648.38	1,585.97	62.41	26.411		
9,100.00	7,111.71	7,258.29	7,090.11	45.91	18.02	-90.54	976.88	3,499.49	1,621.80	1,557.68	64.12	25.293		
9,200.00	7,111.37	7,257.66	7,089.47	47.43	18.02	-90.51	976.88	3,499.49	1,601.04	1,535.29	65.75	24.351		
9,300.00	7,111.02	7,257.02	7,088.83	48.96	18.02	-90.49	976.89	3,499.49	1,586.32	1,519.05	67.27	23.583		
9,400.00	7,110.67	7,256.37	7,088.19	50.50	18.01	-90.47	976.89	3,499.49	1,577.81	1,509.16	68.65	22.985		
9,484.61	7,110.37	7,255.82	7,087.63	51.81	18.01	-90.45	976.89	3,499.50	1,575.54	1,505.85	69.69	22.608 CC		
9,500.00	7,110.32	7,255.72	7,087.53	52.05	18.01	-90.44	976.90	3,499.50	1,575.61	1,505.75	69.86	22.553 ES		
9,600.00	7,109.97	7,255.06	7,086.87	53.60	18.01	-90.42	976.90	3,499.50	1,579.76	1,508.85	70.90	22.280		
9,700.00	7,109.62	7,254.39	7,086.21	55.17	18.01	-90.39	976.91	3,499.50	1,590.19	1,518.44	71.75	22.162 SF		
9,800.00	7,109.27	7,253.72	7,085.54	56.73	18.01	-90.37	976.91	3,499.50	1,606.79	1,534.38	72.41	22.189		
9,900.00	7,108.92	7,253.05	7,084.86	58.31	18.01	-90.35	976.92	3,499.50	1,629.37	1,556.49	72.88	22.356		
10,000.00	7,108.57	7,252.36	7,084.18	59.89	18.01	-90.32	976.92	3,499.51	1,657.69	1,584.51	73.18	22.653		
10,100.00	7,108.22	7,251.67	7,083.49	61.47	18.01	-90.30	976.93	3,499.51	1,691.45	1,618.14	73.31	23.073		
10,200.00	7,107.87	7,250.98	7,082.79	63.06	18.00	-90.27	976.93	3,499.51	1,730.34	1,657.04	73.30	23.607		
10,300.00	7,107.52	7,250.28	7,082.09	64.66	18.00	-90.24	976.94	3,499.51	1,774.02	1,700.86	73.16	24.249		
10,400.00	7,107.18	7,249.57	7,081.38	66.25	18.00	-90.22	976.94	3,499.51	1,822.15	1,749.23	72.92	24.989		
10,500.00	7,106.83	7,248.85	7,080.67	67.85	18.00	-90.19	976.95	3,499.52	1,874.38	1,801.78	72.59	25.820		
10,600.00	7,106.48	7,248.13	7,079.95	69.46	18.00	-90.17	976.95	3,499.52	1,930.38	1,858.18	72.20	26.736		
10,700.00	7,106.13	7,247.40	7,079.22	71.07	18.00	-90.14	976.96	3,499.52	1,989.83	1,918.07	71.76	27.730		
10,800.00	7,105.78	7,246.67	7,078.48	72.68	18.00	-90.11	976.96	3,499.52	2,052.43	1,981.16	71.28	28.795		
10,900.00	7,105.43	7,245.92	7,077.74	74.29	18.00	-90.09	976.97	3,499.52	2,117.91	2,047.14	70.77	29.926		
11,000.00	7,105.08	7,245.17	7,076.99	75.91	17.99	-90.06	976.98	3,499.53	2,186.00	2,115.76	70.25	31.118		
11,100.00	7,104.73	7,244.42	7,076.23	77.52	17.99	-90.03	976.98	3,499.53	2,256.48	2,186.75	69.72	32.364		
11,200.00	7,104.38	7,243.65	7,075.47	79.14	17.99	-90.00	976.99	3,499.53	2,329.11	2,259.92	69.19	33.661		
11,300.00	7,104.03	7,242.88	7,074.70	80.77	17.99	-89.98	976.99	3,499.53	2,403.71	2,335.04	68.67	35.005		
11,400.00	7,103.68	7,242.10	7,073.92	82.39	17.99	-89.95	977.00	3,499.54	2,480.09	2,411.94	68.15	36.391		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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: 100-SRC Energy_VESSI GyroFlex V4, 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	
11,000.00	7,105.08	7,275.16	7,037.48	75.91	22.93	-90.29	1,793.08	5,745.16	2,492.27	2,396.22	96.06	25.946	
11,100.00	7,104.73	7,275.59	7,037.92	77.52	22.94	-90.30	1,793.08	5,745.16	2,464.68	2,366.36	98.32	25.067	
11,200.00	7,104.38	7,276.03	7,038.36	79.14	22.95	-90.31	1,793.07	5,745.16	2,440.88	2,340.34	100.53	24.279	
11,300.00	7,104.03	7,276.47	7,038.80	80.77	22.96	-90.32	1,793.07	5,745.17	2,420.97	2,318.30	102.67	23.581	
11,400.00	7,103.68	7,276.91	7,039.23	82.39	22.96	-90.33	1,793.07	5,745.17	2,405.06	2,300.35	104.71	22.969	
11,500.00	7,103.34	7,277.34	7,039.67	84.02	22.97	-90.34	1,793.07	5,745.17	2,393.23	2,286.59	106.64	22.442	
11,600.00	7,102.99	7,277.78	7,040.11	85.65	22.98	-90.35	1,793.06	5,745.18	2,385.53	2,277.09	108.45	21.997	
11,700.00	7,102.64	7,278.22	7,040.55	87.28	22.99	-90.36	1,793.06	5,745.18	2,382.01	2,271.89	110.12	21.631	
11,733.89	7,102.52	7,278.37	7,040.69	87.83	22.99	-90.37	1,793.06	5,745.18	2,381.77	2,271.12	110.65	21.525 CC	
11,800.00	7,102.29	7,278.66	7,040.98	88.91	22.99	-90.37	1,793.06	5,745.19	2,382.69	2,271.05	111.64	21.342 ES	
11,900.00	7,101.94	7,279.09	7,041.42	90.54	23.00	-90.38	1,793.05	5,745.19	2,387.56	2,274.54	113.01	21.126	
12,000.00	7,101.59	7,279.53	7,041.86	92.18	23.01	-90.39	1,793.05	5,745.19	2,396.59	2,282.37	114.22	20.982	
12,100.00	7,101.24	7,279.97	7,042.30	93.81	23.01	-90.40	1,793.05	5,745.20	2,409.75	2,294.48	115.27	20.906	
12,200.00	7,100.89	7,280.41	7,042.73	95.45	23.02	-90.41	1,793.05	5,745.20	2,426.95	2,310.81	116.14	20.896 SF	
12,300.00	7,100.54	7,280.84	7,043.17	97.09	23.03	-90.42	1,793.04	5,745.20	2,448.13	2,331.27	116.86	20.949	
12,400.00	7,100.19	7,281.28	7,043.61	98.73	23.04	-90.44	1,793.04	5,745.21	2,473.16	2,355.75	117.42	21.063	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
8,500.00	7,113.81	8,511.69	7,311.16	37.07	42.68	-95.19	1,882.29	2,660.27	2,499.26	2,419.12	80.13	31.189	
8,600.00	7,113.46	8,572.00	7,309.94	38.51	44.30	-95.18	1,879.57	2,720.51	2,494.15	2,411.07	83.08	30.021	
8,700.00	7,113.11	8,628.56	7,308.52	39.96	45.82	-95.15	1,877.99	2,777.03	2,490.70	2,404.77	85.93	28.986	
8,800.00	7,112.76	8,695.64	7,306.79	41.42	47.64	-95.12	1,877.20	2,844.09	2,488.83	2,399.73	89.10	27.932	
8,900.00	7,112.41	8,778.12	7,304.60	42.91	49.88	-95.08	1,876.99	2,926.54	2,487.92	2,395.14	92.78	26.816	
9,000.00	7,112.06	8,874.69	7,302.16	44.40	52.52	-95.03	1,877.18	3,023.07	2,487.48	2,390.55	96.93	25.662	
9,100.00	7,111.71	8,991.15	7,297.08	45.91	55.74	-94.92	1,877.10	3,139.42	2,486.61	2,384.85	101.76	24.436	
9,200.00	7,111.37	9,114.03	7,290.96	47.43	59.18	-94.80	1,876.34	3,262.14	2,485.19	2,378.36	106.83	23.263	
9,300.00	7,111.02	9,237.37	7,284.50	48.96	62.65	-94.66	1,874.25	3,385.30	2,482.65	2,370.70	111.94	22.178	
9,400.00	7,110.67	9,322.30	7,281.34	50.50	65.06	-94.60	1,872.64	3,470.15	2,480.04	2,364.19	115.85	21.408	
9,500.00	7,110.32	9,375.82	7,280.63	52.05	66.58	-94.59	1,872.16	3,523.67	2,478.62	2,359.90	118.72	20.877	
9,526.30	7,110.23	9,390.04	7,280.62	52.46	66.98	-94.59	1,872.19	3,537.88	2,478.56	2,359.08	119.48	20.745	
9,600.00	7,109.97	9,439.83	7,281.02	53.60	68.39	-94.60	1,872.69	3,587.67	2,479.00	2,357.08	121.92	20.333	
9,700.00	7,109.62	9,532.48	7,281.77	55.17	71.01	-94.63	1,874.15	3,680.30	2,480.22	2,354.14	126.08	19.671	
9,800.00	7,109.27	9,640.06	7,282.54	56.73	74.07	-94.65	1,875.61	3,787.88	2,481.20	2,350.44	130.76	18.975	
9,900.00	7,108.92	9,739.36	7,283.30	58.31	76.91	-94.67	1,877.00	3,887.16	2,482.25	2,347.07	135.18	18.363	
10,000.00	7,108.57	9,840.39	7,284.28	59.89	79.80	-94.70	1,878.24	3,988.18	2,483.14	2,343.48	139.66	17.780	
10,100.00	7,108.22	9,933.34	7,285.14	61.47	82.46	-94.73	1,879.55	4,081.12	2,484.21	2,340.34	143.87	17.266	
10,200.00	7,107.87	10,035.04	7,286.08	63.06	85.38	-94.76	1,881.20	4,182.80	2,485.50	2,337.10	148.40	16.749	
10,300.00	7,107.52	10,157.97	7,287.24	64.66	88.93	-94.79	1,882.55	4,305.71	2,486.27	2,332.62	153.66	16.181	
10,400.00	7,107.18	10,263.94	7,288.41	66.25	92.00	-94.83	1,883.04	4,411.68	2,486.41	2,328.07	158.35	15.702	
10,500.00	7,106.83	10,397.87	7,289.68	67.85	95.89	-94.87	1,882.28	4,545.59	2,485.45	2,321.47	163.98	15.157	
10,600.00	7,106.48	10,502.19	7,290.71	69.46	98.93	-94.90	1,881.11	4,649.90	2,484.00	2,315.37	168.63	14.730	
10,700.00	7,106.13	10,624.14	7,291.03	71.07	102.48	-94.93	1,879.27	4,771.84	2,482.14	2,308.28	173.86	14.276	
10,800.00	7,105.78	10,717.10	7,289.55	72.68	105.19	-94.90	1,877.60	4,864.77	2,479.81	2,301.65	178.16	13.919	
10,900.00	7,105.43	10,775.76	7,288.56	74.29	106.90	-94.89	1,877.10	4,923.42	2,478.44	2,297.14	181.30	13.670	
10,926.62	7,105.34	10,790.57	7,288.29	74.72	107.33	-94.88	1,877.15	4,938.22	2,478.38	2,296.27	182.11	13.609	
11,000.00	7,105.08	10,838.42	7,287.45	75.91	108.72	-94.87	1,877.74	4,986.06	2,478.83	2,294.28	184.55	13.432	
11,100.00	7,104.73	10,924.20	7,286.40	77.52	111.21	-94.85	1,879.33	5,071.82	2,480.16	2,291.59	188.57	13.152	
11,200.00	7,104.38	11,018.57	7,285.38	79.14	113.95	-94.83	1,881.49	5,166.16	2,481.93	2,289.03	192.90	12.867	
11,300.00	7,104.03	11,136.72	7,284.00	80.77	117.38	-94.80	1,883.83	5,284.28	2,483.40	2,285.33	198.07	12.538	
11,400.00	7,103.68	11,267.94	7,283.29	82.39	121.21	-94.79	1,885.16	5,415.49	2,483.98	2,280.29	203.69	12.195	
11,446.06	7,103.52	11,310.17	7,283.08	83.14	122.45	-94.79	1,885.27	5,457.72	2,483.89	2,278.24	205.65	12.078	
11,500.00	7,103.34	11,350.11	7,282.85	84.02	123.61	-94.79	1,885.56	5,497.66	2,484.04	2,276.42	207.62	11.964	
11,600.00	7,102.99	11,428.67	7,282.37	85.65	125.90	-94.78	1,886.74	5,576.21	2,485.06	2,273.65	211.41	11.755	
11,700.00	7,102.64	11,510.61	7,281.91	87.28	128.29	-94.78	1,888.59	5,658.12	2,486.85	2,271.55	215.31	11.550	
11,800.00	7,102.29	11,596.98	7,281.45	88.91	130.80	-94.77	1,891.14	5,744.45	2,489.33	2,269.97	219.36	11.348	
11,900.00	7,101.94	11,702.16	7,280.95	90.54	133.86	-94.76	1,894.48	5,849.58	2,492.06	2,267.97	224.09	11.121	
12,000.00	7,101.59	11,860.90	7,279.68	92.18	138.50	-94.74	1,897.47	6,008.28	2,493.50	2,262.79	230.71	10.808	
12,100.00	7,101.24	11,967.52	7,278.89	93.81	141.63	-94.73	1,898.05	6,114.90	2,493.58	2,258.08	235.50	10.588	
12,200.00	7,100.89	12,079.07	7,277.94	95.45	144.91	-94.72	1,898.05	6,226.44	2,493.08	2,252.62	240.46	10.368	
12,300.00	7,100.54	12,196.33	7,277.13	97.09	148.35	-94.71	1,897.66	6,343.70	2,492.31	2,246.71	245.60	10.148	
12,400.00	7,100.19	12,331.34	7,276.23	98.73	152.33	-94.71	1,895.60	6,478.69	2,490.32	2,239.01	251.31	9.909	
12,500.00	7,099.84	12,451.85	7,275.36	100.37	155.88	-94.70	1,892.24	6,599.15	2,487.05	2,230.52	256.53	9.695	
12,600.00	7,099.49	12,547.83	7,274.68	102.01	158.72	-94.70	1,889.32	6,695.08	2,483.54	2,222.56	260.99	9.516	
12,700.00	7,099.15	12,642.44	7,273.72	103.65	161.51	-94.69	1,886.74	6,789.65	2,480.33	2,214.93	265.40	9.346	
12,800.00	7,098.80	12,729.21	7,272.85	105.29	164.06	-94.69	1,884.54	6,876.39	2,477.33	2,207.77	269.56	9.190	
12,900.00	7,098.45	12,802.99	7,272.02	106.94	166.24	-94.67	1,883.33	6,950.15	2,475.21	2,201.91	273.30	9.057	
13,000.00	7,098.10	12,876.00	7,271.35	108.58	168.38	-94.67	1,883.06	7,023.16	2,474.31	2,197.33	276.98	8.933	
13,030.20	7,097.99	12,894.59	7,271.21	109.08	168.93	-94.66	1,883.13	7,041.75	2,474.27	2,196.31	277.96	8.902	
13,100.00	7,097.75	12,952.53	7,270.85	110.23	170.63	-94.66	1,883.54	7,099.69	2,474.43	2,193.69	280.74	8.814	
13,200.00	7,097.40	13,001.32	7,270.60	111.88	172.06	-94.66	1,884.37	7,148.47	2,475.81	2,192.35	283.46	8.734	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
13,300.00	7,097.05	13,061.00	7,270.25	113.53	173.80	-94.65	1,887.24	7,208.08	2,479.75	2,193.26	286.49	8.656	
13,400.00	7,096.70	13,143.06	7,270.59	115.17	176.18	-94.66	1,892.08	7,289.99	2,485.08	2,194.74	290.34	8.559	
13,500.00	7,096.35	13,298.82	7,272.70	116.82	180.74	-94.71	1,896.86	7,445.65	2,487.28	2,190.24	297.04	8.373	
13,600.00	7,096.00	13,363.14	7,271.44	118.47	182.62	-94.68	1,899.49	7,509.90	2,490.73	2,190.47	300.26	8.295	
13,700.00	7,095.65	13,450.41	7,271.95	120.12	185.17	-94.69	1,903.74	7,597.06	2,495.20	2,190.88	304.32	8.199	
13,800.00	7,095.31	13,632.37	7,274.69	121.77	190.50	-94.76	1,909.73	7,778.89	2,498.24	2,186.28	311.96	8.008	
13,900.00	7,094.96	13,900.00	7,275.89	123.42	198.41	-94.82	1,903.81	8,043.56	2,494.64	2,172.78	321.86	7.751	
14,000.00	7,094.61	13,957.65	7,275.93	125.08	200.11	-94.83	1,900.99	8,103.96	2,489.80	2,164.57	325.23	7.655	
14,100.00	7,094.26	13,996.00	7,275.65	126.73	201.25	-94.83	1,900.10	8,142.30	2,487.21	2,159.30	327.90	7.585	
14,185.65	7,093.96	14,050.87	7,275.09	128.15	202.86	-94.82	1,899.86	8,197.16	2,486.50	2,155.71	330.80	7.517	
14,200.00	7,093.91	14,058.64	7,275.00	128.38	203.09	-94.82	1,899.91	8,204.94	2,486.52	2,155.29	331.23	7.507	
14,300.00	7,093.56	14,131.74	7,274.20	130.04	205.24	-94.81	1,901.08	8,278.02	2,487.54	2,152.68	334.87	7.428	
14,400.00	7,093.21	14,228.76	7,273.17	131.69	208.09	-94.79	1,902.94	8,375.02	2,488.95	2,149.60	339.35	7.335	
14,500.00	7,092.86	14,342.20	7,272.78	133.34	211.43	-94.79	1,904.96	8,488.44	2,490.30	2,145.89	344.41	7.231	
14,600.00	7,092.51	14,600.00	7,271.33	135.00	219.03	-94.76	1,905.83	8,610.54	2,490.44	2,136.66	353.78	7.040	
14,700.00	7,092.16	14,514.67	7,270.56	136.66	216.50	-94.75	1,906.48	8,660.88	2,491.33	2,138.73	352.60	7.066	
14,800.00	7,091.81	14,569.07	7,269.70	138.31	218.10	-94.73	1,908.56	8,715.23	2,494.45	2,139.00	355.44	7.018	
14,900.00	7,091.46	14,682.56	7,266.50	139.97	221.42	-94.66	1,913.25	8,828.58	2,497.91	2,137.34	360.57	6.928	
16,100.00	7,087.28	16,167.76	7,250.99	159.87	265.20	-94.43	1,912.64	10,312.48	2,496.69	2,072.27	424.42	5.883	
16,200.00	7,086.93	16,231.00	7,251.26	161.53	267.08	-94.45	1,908.19	10,375.57	2,489.31	2,061.11	428.21	5.813	
16,300.00	7,086.58	16,307.43	7,251.60	163.19	269.35	-94.48	1,903.72	10,451.87	2,483.13	2,050.89	432.24	5.745	
16,400.00	7,086.23	16,369.76	7,251.84	164.85	271.20	-94.49	1,900.84	10,514.12	2,478.18	2,042.33	435.85	5.686	
16,500.00	7,085.88	16,418.00	7,252.00	166.51	272.63	-94.50	1,899.35	10,562.34	2,474.90	2,035.96	438.94	5.638	
16,600.00	7,085.53	16,480.48	7,252.24	168.17	274.47	-94.52	1,898.55	10,624.82	2,473.38	2,031.05	442.32	5.592	
16,627.17	7,085.43	16,494.87	7,252.31	168.62	274.90	-94.52	1,898.57	10,639.21	2,473.30	2,030.17	443.13	5.581 CC	
16,700.00	7,085.18	16,542.73	7,252.56	169.83	276.31	-94.53	1,899.04	10,687.06	2,473.71	2,028.12	445.59	5.551	
16,800.00	7,084.83	16,617.87	7,252.88	171.49	278.52	-94.54	1,900.43	10,762.19	2,475.19	2,025.93	449.26	5.509	
16,900.00	7,084.48	16,689.19	7,253.13	173.16	280.62	-94.55	1,902.55	10,833.48	2,477.76	2,025.03	452.73	5.473	
17,000.00	7,084.13	16,784.90	7,253.41	174.82	283.43	-94.56	1,906.09	10,929.12	2,481.06	2,023.92	457.14	5.427	
17,100.00	7,083.78	16,923.75	7,252.36	176.48	287.51	-94.54	1,910.04	11,067.91	2,483.35	2,020.09	463.26	5.361	
17,200.00	7,083.43	17,017.37	7,252.56	178.14	290.27	-94.55	1,912.11	11,161.50	2,485.16	2,017.56	467.61	5.315	
17,300.00	7,083.09	17,103.89	7,253.03	179.81	292.81	-94.56	1,914.41	11,248.00	2,487.44	2,015.77	471.67	5.274	
17,400.00	7,082.74	17,192.25	7,253.53	181.47	295.41	-94.57	1,917.23	11,336.30	2,490.25	2,014.45	475.80	5.234	
17,500.00	7,082.39	17,306.95	7,255.74	183.13	298.78	-94.63	1,920.97	11,450.92	2,493.29	2,012.35	480.94	5.184	
17,600.00	7,082.04	17,484.20	7,262.82	184.79	304.01	-94.80	1,922.41	11,628.02	2,493.90	2,005.67	488.23	5.108	
17,700.00	7,081.69	17,680.09	7,269.89	186.46	309.80	-94.99	1,918.02	11,823.68	2,491.80	1,996.25	495.55	5.028	
17,800.00	7,081.34	17,755.60	7,269.46	188.12	312.04	-95.00	1,914.79	11,899.12	2,487.25	1,987.75	499.50	4.979	
17,900.00	7,080.99	17,794.11	7,269.09	189.78	313.18	-94.99	1,914.10	11,937.62	2,484.96	1,982.69	502.27	4.947	
17,954.00	7,080.80	17,822.00	7,268.84	190.68	314.01	-94.99	1,914.19	11,965.51	2,484.78	1,980.90	503.88	4.931	
17,997.31	7,080.65	17,843.66	7,268.66	191.40	314.65	-94.99	1,914.47	11,987.17	2,485.05	1,979.94	505.11	4.920 ES, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
6,500.00	6,401.83	8,183.53	7,061.68	18.41	36.60	-122.51	1,858.32	923.89	2,498.72	2,444.64	54.08	46.207	
6,600.00	6,500.18	8,175.26	7,061.98	18.73	36.39	-122.32	1,858.33	932.16	2,482.36	2,427.93	54.44	45.599	
6,700.00	6,598.49	8,166.91	7,062.29	19.06	36.18	-118.65	1,858.38	940.49	2,469.89	2,415.15	54.74	45.117	
6,800.00	6,694.58	8,154.36	7,062.76	19.45	35.86	-107.70	1,858.53	953.04	2,461.67	2,406.73	54.94	44.808	
6,900.00	6,785.47	8,116.00	7,064.23	19.92	34.89	-102.75	1,859.52	991.36	2,458.04	2,403.53	54.51	45.092	
6,945.03	6,824.09	8,116.00	7,064.23	20.17	34.89	-101.58	1,859.52	991.36	2,457.58	2,402.80	54.78	44.861	CC, ES
7,000.00	6,868.90	8,107.95	7,064.54	20.48	34.69	-100.26	1,859.81	999.40	2,458.25	2,403.35	54.90	44.778	SF
7,100.00	6,942.84	8,059.33	7,066.40	21.13	33.49	-97.73	1,861.84	1,047.94	2,462.11	2,407.77	54.34	45.306	
7,200.00	7,005.45	7,940.85	7,070.91	21.87	30.64	-94.73	1,867.03	1,166.22	2,468.21	2,415.97	52.24	47.246	
7,300.00	7,055.21	7,864.34	7,073.88	22.70	28.87	-92.83	1,869.37	1,242.63	2,473.80	2,422.51	51.30	48.227	
7,400.00	7,090.87	7,791.14	7,076.72	23.61	27.23	-91.39	1,872.25	1,315.72	2,479.98	2,429.41	50.58	49.034	
7,500.00	7,111.57	7,712.32	7,079.80	24.59	25.54	-90.36	1,876.02	1,394.39	2,486.13	2,436.22	49.90	49.819	
7,600.00	7,116.95	7,646.00	7,082.36	25.62	24.19	-89.84	1,879.60	1,460.56	2,491.73	2,442.14	49.60	50.239	
7,700.00	7,116.60	7,584.46	7,081.41	26.71	23.05	-89.82	1,883.78	1,521.92	2,498.27	2,448.74	49.53	50.442	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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									
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	Warning			
0.00	0.00	0.00	0.00	3.28	3.28	61.45	585.82	1,076.58	1,225.77							
100.00	100.00	90.68	90.68	3.28	3.28	61.46	585.39	1,076.49	1,225.39	1,218.03	7.36	166.590				
200.00	200.00	186.12	186.12	3.31	3.29	61.48	584.94	1,076.21	1,224.90	1,217.51	7.39	165.755				
300.00	299.98	280.34	280.34	3.35	3.32	-58.48	585.29	1,076.00	1,223.97	1,216.51	7.45	164.190				
400.00	399.84	384.36	384.35	3.41	3.36	-58.76	585.76	1,075.89	1,221.37	1,213.81	7.56	161.646				
500.00	499.45	480.47	480.46	3.50	3.41	-59.21	586.35	1,075.51	1,216.83	1,209.13	7.69	158.178				
600.00	598.70	588.88	588.87	3.61	3.48	-59.89	586.85	1,075.10	1,210.52	1,202.64	7.88	153.600				
700.00	697.47	678.45	678.43	3.77	3.55	-60.64	587.31	1,074.51	1,202.39	1,194.29	8.10	148.428				
800.00	795.83	775.61	775.59	3.96	3.63	-61.44	588.15	1,074.38	1,193.89	1,185.51	8.37	142.593				
900.00	894.18	880.80	880.78	4.19	3.74	-62.31	589.06	1,073.86	1,185.28	1,176.59	8.69	136.383				
1,000.00	992.53	976.60	976.56	4.44	3.84	-63.12	590.05	1,072.91	1,176.60	1,167.57	9.03	130.248				
1,100.00	1,090.88	1,074.79	1,074.75	4.71	3.96	-63.98	591.40	1,071.99	1,168.40	1,158.99	9.41	124.175				
1,200.00	1,189.23	1,165.72	1,165.65	5.00	4.07	-64.80	592.96	1,071.08	1,160.63	1,150.83	9.80	118.403				
1,300.00	1,287.58	1,270.53	1,270.44	5.31	4.21	-65.75	594.90	1,070.43	1,153.53	1,143.30	10.24	112.686				
1,400.00	1,385.94	1,363.36	1,363.25	5.62	4.34	-66.61	596.40	1,069.32	1,146.14	1,135.46	10.68	107.363				
1,500.00	1,484.29	1,462.35	1,462.22	5.95	4.48	-67.54	598.44	1,068.70	1,139.72	1,128.58	11.14	102.307				
1,600.00	1,582.64	1,569.96	1,569.81	6.29	4.64	-68.56	600.20	1,067.35	1,132.88	1,121.24	11.63	97.383				
1,700.00	1,680.99	1,682.19	1,682.02	6.63	4.82	-69.61	600.96	1,065.40	1,125.40	1,113.25	12.15	92.655				
1,800.00	1,779.34	1,780.13	1,779.93	6.98	4.98	-70.54	601.04	1,063.17	1,117.42	1,104.77	12.65	88.326				
1,900.00	1,877.69	1,871.60	1,871.37	7.18	5.13	-71.45	601.73	1,061.00	1,110.13	1,097.34	12.79	86.808				
2,000.00	1,976.04	1,965.54	1,965.28	7.22	5.29	-72.42	603.26	1,058.74	1,103.71	1,090.71	12.99	84.950				
2,100.00	2,074.39	2,057.32	2,057.01	7.28	5.44	-73.39	605.10	1,056.62	1,097.98	1,084.77	13.21	83.099				
2,200.00	2,172.74	2,147.68	2,147.33	7.35	5.60	-74.35	607.29	1,055.05	1,093.30	1,079.85	13.45	81.286				
2,300.00	2,271.09	2,238.88	2,238.49	7.45	5.76	-75.32	609.81	1,053.97	1,089.62	1,075.91	13.71	79.496				
2,400.00	2,369.44	2,331.15	2,330.73	7.55	5.93	-76.27	612.33	1,053.66	1,086.87	1,072.89	13.98	77.731				
2,500.00	2,467.79	2,429.10	2,428.63	7.68	6.11	-77.29	615.24	1,053.67	1,084.87	1,070.58	14.29	75.941				
2,600.00	2,566.15	2,530.95	2,530.43	7.81	6.29	-78.37	618.25	1,052.83	1,082.66	1,068.05	14.61	74.089				
2,700.00	2,664.50	2,620.71	2,620.15	7.96	6.46	-79.32	621.09	1,052.63	1,081.38	1,066.45	14.93	72.421				
2,800.00	2,762.85	2,720.87	2,720.25	8.12	6.65	-80.40	624.52	1,052.30	1,080.60	1,065.31	15.29	70.695				
2,900.00	2,861.20	2,819.10	2,818.41	8.30	6.84	-81.47	628.10	1,051.66	1,080.16	1,064.51	15.65	69.028				
3,000.00	2,959.55	2,921.68	2,920.92	8.48	7.03	-82.61	631.83	1,050.45	1,079.81	1,063.78	16.03	67.353				
3,100.00	3,057.90	3,020.78	3,019.92	8.68	7.23	-83.75	635.60	1,048.66	1,079.64	1,063.22	16.42	65.752				
3,111.31	3,069.02	3,032.07	3,031.21	8.70	7.25	-83.88	636.04	1,048.41	1,079.64	1,063.17	16.47	65.571 CC				
3,200.00	3,156.25	3,119.47	3,118.50	8.89	7.42	-84.91	639.60	1,046.25	1,079.75	1,062.93	16.82	64.205 ES				
3,300.00	3,254.60	3,213.56	3,212.48	9.10	7.60	-86.04	643.65	1,043.81	1,080.44	1,063.22	17.21	62.764				
3,400.00	3,352.95	3,305.75	3,304.54	9.32	7.78	-87.13	647.95	1,041.70	1,082.05	1,064.44	17.62	61.425				
3,500.00	3,451.30	3,420.18	3,418.81	9.56	8.01	-88.51	652.94	1,038.36	1,083.55	1,065.48	18.07	59.960				
3,600.00	3,549.65	3,514.77	3,513.29	9.79	8.20	-89.64	656.56	1,035.55	1,085.06	1,066.57	18.49	58.677				
3,700.00	3,648.00	3,613.27	3,611.71	10.04	8.40	-90.77	659.91	1,033.09	1,086.90	1,067.97	18.93	57.424				
3,800.00	3,746.36	3,705.99	3,704.35	10.29	8.58	-91.82	663.11	1,031.24	1,089.43	1,070.07	19.36	56.281				
3,900.00	3,844.71	3,818.26	3,816.53	10.55	8.81	-93.09	666.61	1,028.48	1,091.90	1,072.07	19.83	55.057				
4,000.00	3,943.06	3,915.74	3,913.94	10.81	9.01	-94.20	669.26	1,025.87	1,094.34	1,074.06	20.28	53.960				
4,100.00	4,041.41	4,025.75	4,023.87	11.08	9.23	-95.45	671.60	1,022.31	1,096.46	1,075.71	20.76	52.823				
4,200.00	4,139.76	4,128.44	4,126.46	11.35	9.44	-96.64	673.03	1,018.19	1,098.06	1,076.84	21.22	51.742				
4,300.00	4,238.11	4,218.69	4,216.61	11.63	9.62	-97.71	674.78	1,014.17	1,100.44	1,078.77	21.67	50.791				
4,400.00	4,336.46	4,314.01	4,311.81	11.91	9.82	-98.83	676.99	1,009.97	1,103.64	1,081.52	22.12	49.888				
4,500.00	4,434.81	4,408.15	4,405.84	12.20	10.01	-99.93	679.28	1,006.08	1,107.50	1,084.92	22.58	49.050				
4,600.00	4,533.16	4,494.30	4,491.89	12.48	10.19	-100.92	681.87	1,002.88	1,112.49	1,089.47	23.02	48.325				
4,700.00	4,631.51	4,587.47	4,584.96	12.78	10.38	-101.95	685.14	1,000.15	1,118.60	1,095.12	23.48	47.640				
4,800.00	4,729.86	4,686.06	4,683.47	13.07	10.59	-103.00	688.54	997.97	1,125.26	1,101.31	23.95	46.975				
4,900.00	4,828.21	4,783.64	4,780.98	13.37	10.79	-104.01	691.76	996.02	1,132.22	1,107.80	24.43	46.348				
5,000.00	4,926.57	4,879.35	4,876.62	13.67	10.99	-104.97	694.94	994.39	1,139.63	1,114.73	24.90	45.767				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 100-SRC Energy_VESSI GyroFlex V4, 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		
5,100.00	5,024.92	4,976.47	4,973.67	13.97	11.19	-105.94	698.29	992.76	1,147.52	1,122.14	25.38	45.218		
5,200.00	5,123.27	5,079.39	5,076.52	14.28	11.40	-106.95	701.68	991.03	1,155.59	1,129.72	25.87	44.671		
5,300.00	5,221.62	5,174.55	5,171.62	14.59	11.60	-107.88	704.58	989.36	1,163.75	1,137.40	26.34	44.176		
5,400.00	5,319.97	5,283.74	5,280.73	14.90	11.83	-108.95	707.88	986.85	1,172.13	1,145.28	26.85	43.654		
5,500.00	5,418.32	5,398.57	5,395.49	15.21	12.07	-110.08	709.87	983.44	1,179.47	1,152.10	27.37	43.097		
5,600.00	5,516.67	5,488.50	5,485.36	15.52	12.26	-110.98	711.10	980.38	1,186.75	1,158.92	27.83	42.644		
5,700.00	5,615.02	5,586.67	5,583.45	15.84	12.47	-111.96	712.87	976.66	1,194.74	1,166.43	28.31	42.203		
5,800.00	5,713.37	5,679.12	5,675.79	16.15	12.66	-112.90	714.68	972.64	1,203.18	1,174.40	28.78	41.812		
5,900.00	5,811.72	5,777.68	5,774.22	16.47	12.87	-113.90	716.90	968.13	1,212.25	1,182.99	29.26	41.435		
6,000.00	5,910.07	5,881.62	5,878.02	16.79	13.09	-114.95	718.89	963.06	1,221.34	1,191.59	29.75	41.054		
6,100.00	6,008.42	5,981.42	5,977.69	17.11	13.29	-115.94	720.35	958.33	1,230.37	1,200.13	30.23	40.697		
6,200.00	6,106.78	6,084.25	6,080.40	17.43	13.51	-116.95	721.60	953.32	1,239.50	1,208.78	30.72	40.345		
6,300.00	6,205.13	6,174.44	6,170.46	17.76	13.70	-117.83	722.66	948.69	1,248.95	1,217.77	31.18	40.052		
6,400.00	6,303.48	6,271.40	6,267.27	18.08	13.91	-118.77	724.28	943.50	1,259.22	1,227.56	31.66	39.774		
6,500.00	6,401.83	6,364.82	6,360.52	18.41	14.10	-119.69	725.81	938.15	1,269.82	1,237.69	32.13	39.525		
6,600.00	6,500.18	6,470.79	6,466.30	18.73	14.33	-120.70	727.65	932.13	1,280.89	1,248.26	32.63	39.261		
6,700.00	6,598.49	6,573.73	6,569.08	19.06	14.54	-117.87	728.51	926.42	1,291.39	1,258.28	33.12	38.997		
6,800.00	6,694.58	6,657.21	6,652.42	19.45	14.72	-106.57	729.35	921.60	1,302.76	1,269.16	33.59	38.779		
6,900.00	6,785.47	6,732.40	6,727.47	19.92	14.88	-102.31	730.93	917.29	1,316.55	1,282.43	34.11	38.594		
7,000.00	6,868.90	6,802.55	6,797.48	20.48	15.03	-100.23	733.01	913.42	1,333.43	1,298.76	34.68	38.454		
7,100.00	6,942.84	6,864.55	6,859.35	21.13	15.16	-98.83	735.28	910.13	1,354.23	1,318.96	35.27	38.396 SF		
7,200.00	7,005.45	6,919.32	6,914.00	21.87	15.28	-97.49	737.60	907.34	1,379.69	1,343.80	35.89	38.438		
7,300.00	7,055.21	6,967.76	6,962.34	22.70	15.38	-95.90	739.69	905.13	1,410.11	1,373.57	36.54	38.593		
7,400.00	7,090.87	7,001.94	6,996.46	23.61	15.45	-93.51	741.15	903.75	1,445.68	1,408.52	37.16	38.905		
7,500.00	7,111.57	7,017.73	7,012.22	24.59	15.49	-90.01	741.84	903.16	1,486.17	1,448.46	37.71	39.409		
7,600.00	7,116.95	7,019.43	7,013.92	25.62	15.49	-86.25	741.92	903.10	1,530.78	1,492.60	38.18	40.090		
7,700.00	7,116.60	7,015.61	7,010.11	26.71	15.48	-86.09	741.75	903.24	1,579.80	1,541.19	38.61	40.914		
7,800.00	7,116.25	7,013.60	7,008.10	27.85	15.48	-86.01	741.65	903.31	1,633.46	1,594.44	39.02	41.861		
7,900.00	7,115.90	7,008.94	7,003.46	29.06	15.47	-85.81	741.45	903.48	1,691.34	1,651.95	39.39	42.942		
8,000.00	7,115.55	7,004.15	6,998.67	30.31	15.46	-85.61	741.24	903.66	1,753.00	1,713.28	39.72	44.133		
8,100.00	7,115.21	6,999.21	6,993.74	31.60	15.45	-85.40	741.03	903.85	1,818.06	1,778.04	40.02	45.426		
8,200.00	7,114.86	6,994.11	6,988.65	32.92	15.44	-85.19	740.82	904.05	1,886.18	1,845.88	40.29	46.810		
8,300.00	7,114.51	6,988.85	6,983.40	34.28	15.43	-84.96	740.59	904.26	1,957.02	1,916.48	40.54	48.275		
8,400.00	7,114.16	6,983.43	6,977.98	35.66	15.42	-84.73	740.36	904.48	2,030.31	1,989.55	40.76	49.814		
8,500.00	7,113.81	6,977.82	6,972.39	37.07	15.40	-84.50	740.12	904.70	2,105.78	2,064.83	40.95	51.419		
8,600.00	7,113.46	6,972.03	6,966.61	38.51	15.39	-84.25	739.87	904.95	2,183.22	2,142.09	41.13	53.083		
8,700.00	7,113.11	6,966.05	6,960.64	39.96	15.38	-84.00	739.61	905.20	2,262.41	2,221.12	41.29	54.799		
8,800.00	7,112.76	6,959.86	6,954.46	41.42	15.37	-83.74	739.35	905.47	2,343.18	2,301.76	41.43	56.563		
8,900.00	7,112.41	6,953.45	6,948.06	42.91	15.35	-83.47	739.07	905.75	2,425.38	2,383.82	41.55	58.368		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
4,000.00	3,943.06	4,923.97	4,653.27	10.81	20.42	-124.99	2,049.21	440.30	2,493.91	2,467.50	26.42	94.411	
4,100.00	4,041.41	5,000.00	4,725.51	11.08	20.76	-125.36	2,025.70	437.27	2,473.06	2,446.12	26.94	91.784	
4,200.00	4,139.76	5,067.10	4,789.48	11.35	21.05	-125.70	2,005.59	434.78	2,453.33	2,425.88	27.45	89.372	
4,300.00	4,238.11	5,135.57	4,855.00	11.63	21.35	-126.04	1,985.90	432.26	2,434.94	2,406.98	27.96	87.078	
4,400.00	4,336.46	5,200.00	4,916.85	11.91	21.63	-126.36	1,967.98	429.96	2,417.74	2,389.27	28.46	84.938	
4,500.00	4,434.81	5,261.11	4,975.74	12.20	21.88	-126.66	1,951.81	427.96	2,402.06	2,373.11	28.95	82.961	
4,600.00	4,533.16	5,317.49	5,030.36	12.48	22.11	-126.93	1,937.90	426.34	2,388.23	2,358.80	29.43	81.157	
4,700.00	4,631.51	5,375.81	5,087.09	12.78	22.33	-127.21	1,924.47	424.76	2,376.17	2,346.27	29.90	79.465	
4,800.00	4,729.86	5,435.67	5,145.54	13.07	22.56	-127.49	1,911.64	423.17	2,365.86	2,335.48	30.38	77.878	
4,900.00	4,828.21	5,500.00	5,208.56	13.37	22.80	-127.80	1,898.85	421.44	2,357.23	2,326.36	30.87	76.364	
5,000.00	4,926.57	5,557.67	5,265.23	13.67	23.01	-128.07	1,888.28	419.85	2,350.28	2,318.95	31.33	75.019	
5,100.00	5,024.92	5,619.20	5,325.85	13.97	23.22	-128.37	1,877.92	418.07	2,345.02	2,313.22	31.80	73.743	
5,200.00	5,123.27	5,681.71	5,387.60	14.28	23.44	-128.66	1,868.35	416.26	2,341.42	2,309.15	32.27	72.557	
5,300.00	5,221.62	5,746.40	5,451.64	14.59	23.65	-128.96	1,859.40	414.40	2,339.44	2,306.70	32.74	71.445	
5,381.10	5,301.38	5,800.00	5,504.79	14.84	23.82	-129.21	1,852.67	412.84	2,338.95	2,305.82	33.13	70.595 CC, ES	
5,400.00	5,319.97	5,800.00	5,504.79	14.90	23.82	-129.21	1,852.67	412.84	2,339.03	2,305.86	33.17	70.521	
5,500.00	5,418.32	5,872.70	5,577.01	15.21	24.05	-129.54	1,844.63	410.70	2,340.17	2,306.50	33.67	69.509	
5,600.00	5,516.67	5,946.62	5,650.57	15.52	24.27	-129.87	1,837.67	408.61	2,342.90	2,308.73	34.17	68.569	
5,700.00	5,615.02	6,031.08	5,734.69	15.84	24.52	-130.23	1,830.37	406.72	2,346.46	2,311.74	34.72	67.591	
5,800.00	5,713.37	6,117.09	5,820.40	16.15	24.77	-130.60	1,823.40	404.63	2,350.71	2,315.44	35.27	66.650	
5,900.00	5,811.72	6,200.00	5,903.01	16.47	25.02	-130.97	1,816.90	401.90	2,355.52	2,319.71	35.81	65.777	
6,000.00	5,910.07	6,274.69	5,977.43	16.79	25.23	-131.32	1,811.53	398.76	2,361.31	2,325.00	36.31	65.031	
6,100.00	6,008.42	6,350.03	6,052.55	17.11	25.43	-131.68	1,806.93	395.11	2,368.36	2,331.55	36.81	64.342	
6,200.00	6,106.78	6,456.71	6,159.00	17.43	25.70	-132.14	1,801.35	391.40	2,376.17	2,338.75	37.42	63.495	
6,300.00	6,205.13	6,500.00	6,202.22	17.76	25.80	-132.26	1,799.31	392.63	2,384.04	2,346.30	37.74	63.173	
6,400.00	6,303.48	6,557.53	6,259.68	18.08	25.84	-132.40	1,797.96	395.06	2,393.75	2,355.74	38.01	62.973	
6,500.00	6,401.83	6,600.00	6,302.12	18.41	25.88	-132.50	1,798.64	396.28	2,406.64	2,368.41	38.23	62.949 SF	
6,600.00	6,500.18	6,663.21	6,365.28	18.73	25.85	-132.66	1,800.76	397.58	2,421.56	2,383.12	38.44	62.999	
6,700.00	6,598.49	6,753.23	6,455.24	19.06	25.82	-129.02	1,803.97	398.96	2,437.10	2,398.40	38.71	62.964	
6,800.00	6,694.58	6,822.82	6,524.77	19.45	25.79	-116.32	1,806.64	399.62	2,455.29	2,416.30	38.99	62.965	
6,900.00	6,785.47	6,867.75	6,569.64	19.92	25.77	-110.12	1,809.01	399.42	2,478.28	2,438.95	39.33	63.017	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
<b>Survey Program:</b>		100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448										<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>
4,900.00	4,828.21	5,524.59	5,146.12	13.37	25.16	-100.55	1,908.11	1,569.92	2,496.94	2,460.36	36.58	68.259	
5,000.00	4,926.57	5,600.00	5,219.43	13.67	25.45	-100.54	1,893.01	1,579.06	2,485.30	2,448.14	37.16	66.888	
5,100.00	5,024.92	5,676.08	5,293.77	13.97	25.74	-100.57	1,878.94	1,587.07	2,474.59	2,436.88	37.71	65.614	
5,200.00	5,123.27	5,755.95	5,372.13	14.28	26.02	-100.64	1,865.27	1,594.15	2,464.66	2,426.39	38.27	64.401	
5,300.00	5,221.62	5,824.93	5,440.09	14.59	26.25	-100.73	1,854.47	1,599.15	2,455.64	2,416.87	38.77	63.335	
5,400.00	5,319.97	5,880.82	5,495.40	14.90	26.43	-100.84	1,847.10	1,602.10	2,448.25	2,409.04	39.21	62.440	
5,500.00	5,418.32	5,996.19	5,610.02	15.21	26.75	-101.18	1,834.31	1,604.43	2,441.87	2,402.08	39.78	61.377	
5,600.00	5,516.67	6,059.57	5,673.08	15.52	26.90	-101.41	1,827.97	1,603.68	2,435.49	2,395.32	40.17	60.626	
5,700.00	5,615.02	6,100.00	5,713.36	15.84	26.99	-101.57	1,824.64	1,602.74	2,430.88	2,390.39	40.49	60.037	
5,800.00	5,713.37	6,168.50	5,781.71	16.15	27.11	-101.87	1,820.37	1,600.93	2,427.98	2,387.15	40.84	59.457	
5,889.95	5,801.84	6,216.58	5,829.73	16.44	27.20	-102.08	1,818.44	1,599.78	2,427.22	2,386.10	41.11	59.040	
5,900.00	5,811.72	6,222.44	5,835.58	16.47	27.21	-102.11	1,818.25	1,599.66	2,427.22	2,386.08	41.14	58.994	
6,000.00	5,910.07	6,280.87	5,894.00	16.79	27.31	-102.36	1,816.74	1,599.02	2,428.28	2,386.82	41.46	58.568	
6,100.00	6,008.42	6,349.71	5,962.83	17.11	27.45	-102.63	1,815.81	1,599.07	2,430.94	2,389.11	41.82	58.123	
6,200.00	6,106.78	6,426.75	6,039.87	17.43	27.58	-102.95	1,815.56	1,599.21	2,434.73	2,392.54	42.19	57.712	
6,300.00	6,205.13	6,510.36	6,123.47	17.76	27.65	-103.31	1,816.08	1,598.68	2,439.32	2,396.84	42.49	57.416	
6,400.00	6,303.48	6,592.27	6,205.36	18.08	27.62	-103.69	1,817.36	1,597.36	2,444.68	2,402.00	42.68	57.279	
6,500.00	6,401.83	6,675.08	6,288.11	18.41	27.59	-104.09	1,819.50	1,594.96	2,450.83	2,407.97	42.87	57.175	
6,600.00	6,500.18	6,827.93	6,440.86	18.73	27.59	-104.83	1,822.51	1,590.88	2,456.80	2,413.60	43.19	56.879	
6,700.00	6,598.49	6,956.80	6,569.70	19.06	27.80	-101.64	1,820.76	1,591.57	2,460.23	2,416.50	43.73	56.259	
6,800.00	6,694.58	7,035.74	6,648.63	19.45	27.98	-90.60	1,819.50	1,592.72	2,461.27	2,417.08	44.18	55.708	
6,900.00	6,785.47	7,103.60	6,716.45	19.92	28.13	-86.85	1,818.90	1,594.61	2,459.66	2,415.02	44.63	55.109	
7,000.00	6,868.90	7,215.74	6,828.54	20.48	28.37	-86.29	1,817.71	1,598.05	2,455.04	2,409.72	45.33	54.165	
7,100.00	6,942.84	7,303.93	6,916.68	21.13	28.58	-86.90	1,816.13	1,600.53	2,447.86	2,401.85	46.00	53.209	
7,200.00	7,005.45	7,368.17	6,980.88	21.87	28.69	-87.91	1,814.82	1,602.32	2,439.69	2,393.08	46.61	52.343	
7,300.00	7,055.21	7,420.39	7,033.07	22.70	28.84	-89.10	1,813.75	1,603.77	2,431.85	2,384.54	47.32	51.395	
7,400.00	7,090.87	7,458.69	7,071.35	23.61	29.00	-90.18	1,812.96	1,604.84	2,425.41	2,377.30	48.11	50.414	
7,500.00	7,111.57	7,482.13	7,094.77	24.59	29.11	-90.91	1,812.49	1,605.49	2,421.20	2,372.33	48.87	49.544	
7,593.54	7,117.90	7,508.94	7,103.70	25.55	29.26	-91.18	1,812.30	1,605.74	2,419.86	2,370.18	49.67	48.716	
7,600.00	7,116.95	7,509.71	7,102.92	25.62	29.27	-91.18	1,812.32	1,605.72	2,419.79	2,370.07	49.72	48.666 CC, ES	
7,700.00	7,116.60	7,507.29	7,105.35	26.71	29.25	-91.24	1,812.27	1,605.78	2,422.09	2,371.70	50.39	48.063	
7,800.00	7,116.25	7,504.86	7,107.77	27.85	29.23	-91.30	1,812.22	1,605.85	2,428.50	2,377.40	51.10	47.526	
7,900.00	7,115.90	7,502.43	7,110.20	29.06	29.20	-91.36	1,812.17	1,605.92	2,439.00	2,387.17	51.83	47.061	
8,000.00	7,115.55	7,500.01	7,112.62	30.31	29.18	-91.41	1,812.12	1,605.99	2,453.53	2,400.96	52.57	46.672	
8,100.00	7,115.21	7,502.42	7,115.05	31.60	29.20	-91.47	1,812.07	1,606.05	2,472.02	2,418.64	53.37	46.317	
8,200.00	7,114.86	7,504.85	7,117.47	32.92	29.22	-91.53	1,812.02	1,606.12	2,494.38	2,440.20	54.18	46.042 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.55	1.09	-140.04	140.04				
100.00	100.00	102.00	102.00	3.28	3.28	-89.55	1.09	-140.04	140.04	132.52	7.53	18.600	
200.00	200.00	202.00	202.00	3.31	3.31	-89.55	1.09	-140.04	140.04	132.47	7.57	18.489	CC, ES
300.00	299.98	302.07	302.07	3.35	3.35	150.93	1.09	-140.04	141.57	133.91	7.66	18.478	
400.00	399.84	406.72	406.70	3.41	3.42	152.28	1.88	-138.21	144.45	136.66	7.79	18.552	
500.00	499.45	511.24	511.05	3.50	3.51	154.87	4.17	-132.89	147.30	139.35	7.95	18.534	
600.00	598.70	615.45	614.81	3.61	3.63	158.61	7.94	-124.10	150.54	142.39	8.15	18.466	
700.00	697.47	719.20	717.70	3.77	3.78	163.35	13.18	-111.91	154.74	146.34	8.40	18.416	
800.00	795.83	822.42	819.53	3.96	3.96	168.87	19.84	-96.40	159.52	150.82	8.70	18.331	
900.00	894.18	924.81	919.87	4.19	4.17	174.90	27.88	-77.69	163.26	154.20	9.06	18.022	
1,000.00	992.53	1,023.21	1,015.99	4.44	4.42	-179.20	36.19	-58.36	167.73	158.24	9.49	17.677	
1,100.00	1,090.88	1,121.60	1,112.11	4.71	4.69	-173.66	44.49	-39.02	173.91	163.95	9.97	17.449	
1,200.00	1,189.23	1,220.00	1,208.23	5.00	4.99	-168.53	52.80	-19.68	181.65	171.16	10.49	17.314	
1,300.00	1,287.58	1,318.40	1,304.35	5.31	5.30	-163.84	61.11	-0.35	190.74	179.68	11.06	17.252	
1,400.00	1,385.94	1,416.80	1,400.47	5.62	5.63	-159.60	69.42	18.99	201.00	189.35	11.66	17.245	
1,500.00	1,484.29	1,515.19	1,496.59	5.95	5.97	-155.78	77.72	38.33	212.27	199.99	12.29	17.278	
1,600.00	1,582.64	1,613.59	1,592.71	6.29	6.32	-152.35	86.03	57.66	224.40	211.46	12.94	17.341	
1,700.00	1,680.99	1,711.99	1,688.83	6.63	6.68	-149.28	94.34	77.00	237.24	223.62	13.61	17.425	
1,800.00	1,779.34	1,810.39	1,784.95	6.98	7.03	-146.52	102.65	96.33	250.69	236.40	14.29	17.545	
1,900.00	1,877.69	1,908.78	1,881.07	7.18	7.22	-144.05	110.95	115.67	264.67	250.37	14.30	18.512	
2,000.00	1,976.04	2,007.18	1,977.19	7.22	7.27	-141.83	119.26	135.01	279.08	264.66	14.41	19.364	
2,100.00	2,074.39	2,105.58	2,073.32	7.28	7.33	-139.82	127.57	154.34	293.86	279.31	14.56	20.186	
2,200.00	2,172.74	2,203.98	2,169.44	7.35	7.42	-138.01	135.88	173.68	308.97	294.24	14.73	20.972	
2,300.00	2,271.09	2,302.37	2,265.56	7.45	7.52	-136.36	144.18	193.02	324.36	309.42	14.94	21.718	
2,400.00	2,369.44	2,400.77	2,361.68	7.55	7.64	-134.87	152.49	212.35	339.98	324.82	15.17	22.416	
2,500.00	2,467.79	2,500.83	2,457.80	7.68	7.77	-133.50	160.80	231.69	355.81	340.39	15.43	23.064	
2,600.00	2,566.15	2,602.43	2,553.92	7.81	7.92	-132.26	169.11	251.03	371.83	356.11	15.72	23.657	
2,700.00	2,664.50	2,704.04	2,650.04	7.96	8.09	-131.11	177.41	270.36	388.00	371.97	16.03	24.201	
2,800.00	2,762.85	2,805.64	2,746.16	8.12	8.27	-130.06	185.72	289.70	404.31	387.94	16.37	24.695	
2,900.00	2,861.20	2,907.24	2,842.28	8.30	8.46	-129.09	194.03	309.04	420.74	404.01	16.74	25.141	
3,000.00	2,959.55	3,008.84	2,938.40	8.48	8.67	-128.19	202.34	328.37	437.29	420.17	17.12	25.543	
3,100.00	3,057.90	3,089.55	3,034.52	8.68	8.84	-127.36	210.64	347.71	453.93	436.45	17.48	25.969	
3,200.00	3,156.25	3,187.95	3,130.64	8.89	9.05	-126.58	218.95	367.05	470.66	452.76	17.89	26.303	
3,300.00	3,254.60	3,286.35	3,226.76	9.10	9.28	-125.86	227.26	386.38	487.46	469.14	18.33	26.600	
3,400.00	3,352.95	3,384.75	3,322.88	9.32	9.51	-125.19	235.57	405.72	504.34	485.56	18.77	26.864	
3,500.00	3,451.30	3,483.14	3,419.00	9.56	9.75	-124.56	243.87	425.06	521.28	502.04	19.24	27.098	
3,600.00	3,549.65	3,581.54	3,515.12	9.79	10.00	-123.97	252.18	444.39	538.28	518.56	19.71	27.304	
3,700.00	3,648.00	3,679.94	3,611.24	10.04	10.26	-123.41	260.49	463.73	555.33	535.12	20.20	27.486	
3,800.00	3,746.36	3,778.34	3,707.37	10.29	10.52	-122.89	268.80	483.07	572.42	551.72	20.71	27.645	
3,900.00	3,844.71	3,876.74	3,803.49	10.55	10.79	-122.40	277.10	502.40	589.56	568.34	21.22	27.783	
4,000.00	3,943.06	3,975.13	3,899.61	10.81	11.06	-121.94	285.41	521.74	606.74	585.00	21.74	27.904	
4,100.00	4,041.41	4,073.53	3,995.73	11.08	11.34	-121.50	293.72	541.07	623.96	601.68	22.28	28.008	
4,200.00	4,139.76	4,171.93	4,091.85	11.35	11.62	-121.08	302.03	560.41	641.21	618.39	22.82	28.098	
4,300.00	4,238.11	4,270.33	4,187.97	11.63	11.91	-120.69	310.33	579.75	658.49	635.12	23.37	28.174	
4,400.00	4,336.46	4,368.72	4,284.09	11.91	12.20	-120.32	318.64	599.08	675.80	651.87	23.93	28.239	
4,500.00	4,434.81	4,467.12	4,380.21	12.20	12.50	-119.97	326.95	618.42	693.14	668.64	24.50	28.294	
4,600.00	4,533.16	4,565.52	4,476.33	12.48	12.79	-119.63	335.26	637.76	710.50	685.43	25.07	28.339	
4,700.00	4,631.51	4,663.92	4,572.45	12.78	13.09	-119.31	343.56	657.09	727.88	702.23	25.65	28.376	
4,800.00	4,729.86	4,762.31	4,668.57	13.07	13.40	-119.00	351.87	676.43	745.29	719.05	26.24	28.406	
4,900.00	4,828.21	4,860.71	4,764.69	13.37	13.71	-118.71	360.18	695.77	762.71	735.88	26.83	28.429	
5,000.00	4,926.57	4,959.11	4,860.81	13.67	14.02	-118.43	368.49	715.10	780.15	752.73	27.42	28.447	
5,100.00	5,024.92	5,057.51	4,956.93	13.97	14.33	-118.17	376.79	734.44	797.61	769.59	28.03	28.460	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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						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	5,123.27	5,155.90	5,053.05	14.28	14.64	-117.91	385.10	753.78	815.09	786.46	28.63	28.468		
5,300.00	5,221.62	5,254.30	5,149.17	14.59	14.96	-117.67	393.41	773.11	832.58	803.34	29.24	28.472		
5,400.00	5,319.97	5,352.70	5,245.29	14.90	15.28	-117.43	401.72	792.45	850.08	820.23	29.86	28.472		
5,500.00	5,418.32	5,451.10	5,341.42	15.21	15.60	-117.21	410.02	811.79	867.60	837.13	30.47	28.469		
5,600.00	5,516.67	5,549.49	5,437.54	15.52	15.92	-116.99	418.33	831.12	885.13	854.04	31.10	28.464		
5,700.00	5,615.02	5,647.89	5,533.66	15.84	16.24	-116.78	426.64	850.46	902.68	870.95	31.72	28.456		
5,800.00	5,713.37	5,746.29	5,629.78	16.15	16.57	-116.58	434.95	869.80	920.23	887.88	32.35	28.446		
5,900.00	5,811.72	5,844.69	5,725.90	16.47	16.90	-116.39	443.25	889.13	937.79	904.81	32.98	28.434		
6,000.00	5,910.07	5,943.08	5,822.02	16.79	17.23	-116.21	451.56	908.47	955.37	921.75	33.62	28.421		
6,100.00	6,008.42	6,041.48	5,918.14	17.11	17.56	-116.03	459.87	927.81	972.95	938.70	34.25	28.406		
6,200.00	6,106.78	6,139.88	6,014.26	17.43	17.89	-115.85	468.18	947.14	990.54	955.65	34.89	28.390		
6,300.00	6,205.13	6,238.28	6,110.38	17.76	18.22	-115.69	476.48	966.48	1,008.14	972.61	35.53	28.372		
6,400.00	6,303.48	6,336.67	6,206.50	18.08	18.55	-115.53	484.79	985.81	1,025.75	989.57	36.18	28.354		
6,500.00	6,401.83	6,435.07	6,302.62	18.41	18.89	-115.37	493.10	1,005.15	1,043.37	1,006.54	36.82	28.335		
6,600.00	6,500.18	6,533.47	6,398.74	18.73	19.22	-115.22	501.41	1,024.49	1,060.99	1,023.52	37.47	28.315		
6,700.00	6,598.49	6,631.87	6,494.87	19.06	19.56	-111.18	509.71	1,043.83	1,078.60	1,040.48	38.12	28.294		
6,800.00	6,694.58	6,730.09	6,590.81	19.45	19.89	-98.67	518.01	1,063.13	1,095.18	1,056.36	38.82	28.212		
6,900.00	6,785.47	6,826.16	6,684.66	19.92	20.22	-93.98	526.12	1,082.01	1,110.20	1,070.60	39.59	28.041		
7,000.00	6,868.90	6,917.73	6,774.11	20.48	20.54	-92.18	533.85	1,100.00	1,124.20	1,083.77	40.43	27.809		
7,100.00	6,942.84	7,007.47	6,860.55	21.13	20.89	-91.69	541.36	1,122.63	1,138.07	1,096.70	41.37	27.508		
7,200.00	7,005.45	7,104.06	6,949.06	21.87	21.36	-91.88	549.17	1,160.27	1,151.92	1,109.36	42.55	27.069		
7,300.00	7,055.21	7,209.72	7,038.15	22.70	22.01	-92.56	557.17	1,216.29	1,165.40	1,121.39	44.02	26.476		
7,400.00	7,090.87	7,327.03	7,124.71	23.61	22.88	-93.67	565.15	1,294.82	1,178.03	1,132.23	45.80	25.722		
7,500.00	7,111.57	7,458.93	7,203.02	24.59	24.03	-95.13	572.63	1,400.39	1,189.08	1,141.14	47.94	24.803		
7,600.00	7,116.95	7,608.14	7,263.35	25.62	25.54	-96.93	578.84	1,536.35	1,197.56	1,147.09	50.47	23.726		
7,700.00	7,116.60	7,777.11	7,291.59	26.71	27.43	-98.27	582.57	1,702.39	1,201.70	1,148.24	53.46	22.478		
7,800.00	7,116.25	7,887.63	7,291.81	27.85	28.71	-98.30	583.47	1,812.91	1,202.12	1,146.20	55.92	21.496		
7,900.00	7,115.90	7,987.63	7,291.59	29.06	29.92	-98.30	584.25	1,912.90	1,202.48	1,144.12	58.35	20.607		
8,000.00	7,115.55	8,087.63	7,291.37	30.31	31.17	-98.31	585.03	2,012.90	1,202.83	1,141.97	60.87	19.762		
8,100.00	7,115.21	8,187.63	7,291.14	31.60	32.46	-98.31	585.82	2,112.90	1,203.19	1,139.73	63.45	18.962		
8,200.00	7,114.86	8,287.63	7,290.92	32.92	33.78	-98.31	586.60	2,212.89	1,203.54	1,137.43	66.11	18.206		
8,300.00	7,114.51	8,387.63	7,290.70	34.28	35.14	-98.32	587.38	2,312.89	1,203.90	1,135.08	68.82	17.494		
8,400.00	7,114.16	8,487.63	7,290.47	35.66	36.51	-98.32	588.16	2,412.89	1,204.25	1,132.67	71.58	16.824		
8,500.00	7,113.81	8,587.63	7,290.25	37.07	37.92	-98.33	588.95	2,512.88	1,204.61	1,130.22	74.39	16.194		
8,600.00	7,113.46	8,687.62	7,290.03	38.51	39.34	-98.33	589.73	2,612.88	1,204.96	1,127.73	77.24	15.601		
8,700.00	7,113.11	8,787.62	7,289.80	39.96	40.78	-98.33	590.51	2,712.87	1,205.32	1,125.20	80.12	15.044		
8,800.00	7,112.76	8,887.62	7,289.58	41.42	42.24	-98.34	591.29	2,812.87	1,205.67	1,122.64	83.04	14.520		
8,900.00	7,112.41	8,987.62	7,289.36	42.91	43.71	-98.34	592.08	2,912.87	1,206.03	1,120.05	85.98	14.026		
9,000.00	7,112.06	9,087.62	7,289.13	44.40	45.20	-98.34	592.86	3,012.86	1,206.38	1,117.43	88.95	13.562		
9,100.00	7,111.71	9,187.62	7,288.91	45.91	46.69	-98.35	593.64	3,112.86	1,206.74	1,114.79	91.95	13.124		
9,200.00	7,111.37	9,287.62	7,288.69	47.43	48.20	-98.35	594.42	3,212.85	1,207.09	1,112.13	94.97	12.711		
9,300.00	7,111.02	9,387.62	7,288.46	48.96	49.73	-98.35	595.20	3,312.85	1,207.45	1,109.45	98.00	12.321		
9,400.00	7,110.67	9,487.62	7,288.24	50.50	51.26	-98.36	595.99	3,412.85	1,207.80	1,106.75	101.05	11.952		
9,500.00	7,110.32	9,587.62	7,288.02	52.05	52.79	-98.36	596.77	3,512.84	1,208.16	1,104.04	104.12	11.603		
9,600.00	7,109.97	9,687.62	7,287.79	53.60	54.34	-98.36	597.55	3,612.84	1,208.51	1,101.31	107.21	11.273		
9,700.00	7,109.62	9,787.62	7,287.57	55.17	55.89	-98.37	598.33	3,712.83	1,208.87	1,098.56	110.31	10.959		
9,800.00	7,109.27	9,887.62	7,287.35	56.73	57.45	-98.37	599.12	3,812.83	1,209.22	1,095.81	113.41	10.662		
9,900.00	7,108.92	9,987.62	7,287.12	58.31	59.02	-98.38	599.90	3,912.83	1,209.58	1,093.04	116.54	10.379		
10,000.00	7,108.57	10,087.62	7,286.90	59.89	60.59	-98.38	600.68	4,012.82	1,209.94	1,090.27	119.67	10.111		
10,100.00	7,108.22	10,187.62	7,286.68	61.47	62.17	-98.38	601.46	4,112.82	1,210.29	1,087.48	122.81	9.855		
10,200.00	7,107.87	10,287.61	7,286.45	63.06	63.75	-98.39	602.25	4,212.81	1,210.65	1,084.69	125.96	9.612		
10,300.00	7,107.52	10,387.61	7,286.23	64.66	65.34	-98.39	603.03	4,312.81	1,211.00	1,081.89	129.12	9.379		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
10,400.00	7,107.18	10,487.61	7,286.01	66.25	66.93	-98.39	603.81	4,412.81	1,211.36	1,079.07	132.28	9.157	
10,500.00	7,106.83	10,587.61	7,285.78	67.85	68.52	-98.40	604.59	4,512.80	1,211.71	1,076.26	135.45	8.946	
10,600.00	7,106.48	10,687.61	7,285.56	69.46	70.12	-98.40	605.37	4,612.80	1,212.07	1,073.43	138.63	8.743	
10,700.00	7,106.13	10,787.61	7,285.34	71.07	71.72	-98.40	606.16	4,712.79	1,212.42	1,070.60	141.82	8.549	
10,800.00	7,105.78	10,887.61	7,285.12	72.68	73.33	-98.41	606.94	4,812.79	1,212.78	1,067.77	145.01	8.363	
10,900.00	7,105.43	10,987.61	7,284.89	74.29	74.93	-98.41	607.72	4,912.79	1,213.13	1,064.93	148.21	8.185	
11,000.00	7,105.08	11,087.61	7,284.67	75.91	76.54	-98.41	608.50	5,012.78	1,213.49	1,062.08	151.41	8.015	
11,100.00	7,104.73	11,187.61	7,284.45	77.52	78.16	-98.42	609.29	5,112.78	1,213.84	1,059.23	154.61	7.851	
11,200.00	7,104.38	11,287.61	7,284.22	79.14	79.77	-98.42	610.07	5,212.77	1,214.20	1,056.37	157.82	7.693	
11,300.00	7,104.03	11,387.61	7,284.00	80.77	81.39	-98.43	610.85	5,312.77	1,214.55	1,053.51	161.04	7.542	
11,400.00	7,103.68	11,487.61	7,283.78	82.39	83.01	-98.43	611.63	5,412.77	1,214.91	1,050.65	164.26	7.396	
11,500.00	7,103.34	11,587.61	7,283.55	84.02	84.63	-98.43	612.41	5,512.76	1,215.26	1,047.78	167.48	7.256	
11,600.00	7,102.99	11,687.61	7,283.33	85.65	86.25	-98.44	613.20	5,612.76	1,215.62	1,044.91	170.71	7.121	
11,700.00	7,102.64	11,787.60	7,283.11	87.28	87.88	-98.44	613.98	5,712.75	1,215.97	1,042.04	173.93	6.991	
11,800.00	7,102.29	11,887.60	7,282.88	88.91	89.50	-98.44	614.76	5,812.75	1,216.33	1,039.16	177.17	6.865	
11,900.00	7,101.94	11,987.60	7,282.66	90.54	91.13	-98.45	615.54	5,912.75	1,216.69	1,036.28	180.40	6.744	
12,000.00	7,101.59	12,087.60	7,282.44	92.18	92.76	-98.45	616.33	6,012.74	1,217.04	1,033.40	183.64	6.627	
12,100.00	7,101.24	12,187.60	7,282.21	93.81	94.39	-98.45	617.11	6,112.74	1,217.40	1,030.52	186.88	6.514	
12,200.00	7,100.89	12,287.60	7,281.99	95.45	96.03	-98.46	617.89	6,212.73	1,217.75	1,027.63	190.12	6.405	
12,300.00	7,100.54	12,387.60	7,281.77	97.09	97.66	-98.46	618.67	6,312.73	1,218.11	1,024.74	193.37	6.299	
12,400.00	7,100.19	12,487.60	7,281.54	98.73	99.30	-98.46	619.46	6,412.73	1,218.46	1,021.85	196.62	6.197	
12,500.00	7,099.84	12,587.60	7,281.32	100.37	100.93	-98.47	620.24	6,512.72	1,218.82	1,018.95	199.86	6.098	
12,600.00	7,099.49	12,687.60	7,281.10	102.01	102.57	-98.47	621.02	6,612.72	1,219.17	1,016.06	203.12	6.002	
12,700.00	7,099.15	12,787.60	7,280.87	103.65	104.21	-98.47	621.80	6,712.71	1,219.53	1,013.16	206.37	5.909	
12,800.00	7,098.80	12,887.60	7,280.65	105.29	105.85	-98.48	622.58	6,812.71	1,219.88	1,010.26	209.62	5.819	
12,900.00	7,098.45	12,987.60	7,280.43	106.94	107.49	-98.48	623.37	6,912.71	1,220.24	1,007.36	212.88	5.732	
13,000.00	7,098.10	13,087.60	7,280.20	108.58	109.13	-98.48	624.15	7,012.70	1,220.59	1,004.45	216.14	5.647	
13,100.00	7,097.75	13,187.60	7,279.98	110.23	110.78	-98.49	624.93	7,112.70	1,220.95	1,001.55	219.40	5.565	
13,200.00	7,097.40	13,287.59	7,279.76	111.88	112.42	-98.49	625.71	7,212.69	1,221.30	998.64	222.66	5.485	
13,300.00	7,097.05	13,387.59	7,279.53	113.53	114.06	-98.50	626.50	7,312.69	1,221.66	995.73	225.93	5.407	
13,400.00	7,096.70	13,487.59	7,279.31	115.17	115.71	-98.50	627.28	7,412.69	1,222.02	992.83	229.19	5.332	
13,500.00	7,096.35	13,587.59	7,279.09	116.82	117.36	-98.50	628.06	7,512.68	1,222.37	989.91	232.46	5.259	
13,600.00	7,096.00	13,687.59	7,278.86	118.47	119.00	-98.51	628.84	7,612.68	1,222.73	987.00	235.72	5.187	
13,700.00	7,095.65	13,787.59	7,278.64	120.12	120.65	-98.51	629.63	7,712.67	1,223.08	984.09	238.99	5.118	
13,800.00	7,095.31	13,887.59	7,278.42	121.77	122.30	-98.51	630.41	7,812.67	1,223.44	981.18	242.26	5.050	
13,900.00	7,094.96	13,987.59	7,278.20	123.42	123.95	-98.52	631.19	7,912.67	1,223.79	978.26	245.53	4.984	
14,000.00	7,094.61	14,087.59	7,277.97	125.08	125.60	-98.52	631.97	8,012.66	1,224.15	975.34	248.80	4.920	
14,100.00	7,094.26	14,187.59	7,277.75	126.73	127.25	-98.52	632.75	8,112.66	1,224.50	972.43	252.08	4.858	
14,200.00	7,093.91	14,287.59	7,277.53	128.38	128.90	-98.53	633.54	8,212.66	1,224.86	969.51	255.35	4.797	
14,300.00	7,093.56	14,387.59	7,277.30	130.04	130.55	-98.53	634.32	8,312.65	1,225.21	966.59	258.62	4.737	
14,400.00	7,093.21	14,487.59	7,277.08	131.69	132.20	-98.53	635.10	8,412.65	1,225.57	963.67	261.90	4.680	
14,500.00	7,092.86	14,587.59	7,276.86	133.34	133.85	-98.54	635.88	8,512.64	1,225.92	960.75	265.18	4.623	
14,600.00	7,092.51	14,687.59	7,276.63	135.00	135.50	-98.54	636.67	8,612.64	1,226.28	957.83	268.45	4.568	
14,700.00	7,092.16	14,787.58	7,276.41	136.66	137.16	-98.54	637.45	8,712.64	1,226.64	954.91	271.73	4.514	
14,800.00	7,091.81	14,887.58	7,276.19	138.31	138.81	-98.55	638.23	8,812.63	1,226.99	951.98	275.01	4.462	
14,900.00	7,091.46	14,987.58	7,275.96	139.97	140.46	-98.55	639.01	8,912.63	1,227.35	949.06	278.29	4.410	
15,000.00	7,091.12	15,087.58	7,275.74	141.62	142.12	-98.55	639.80	9,012.62	1,227.70	946.13	281.57	4.360	
15,100.00	7,090.77	15,187.58	7,275.52	143.28	143.77	-98.56	640.58	9,112.62	1,228.06	943.21	284.85	4.311	
15,200.00	7,090.42	15,287.58	7,275.29	144.94	145.43	-98.56	641.36	9,212.62	1,228.41	940.28	288.13	4.263	
15,300.00	7,090.07	15,387.58	7,275.07	146.60	147.08	-98.56	642.14	9,312.61	1,228.77	937.35	291.41	4.217	
15,400.00	7,089.72	15,487.58	7,274.85	148.25	148.74	-98.57	642.92	9,412.61	1,229.12	934.43	294.70	4.171	
15,500.00	7,089.37	15,587.58	7,274.62	149.91	150.40	-98.57	643.71	9,512.60	1,229.48	931.50	297.98	4.126	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 11C-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							
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
15,600.00	7,089.02	15,687.58	7,274.40	151.57	152.05	-98.57	644.49	9,612.60	1,229.83	928.57	301.26	4.082	
15,700.00	7,088.67	15,787.58	7,274.18	153.23	153.71	-98.58	645.27	9,712.60	1,230.19	925.64	304.55	4.039	
15,800.00	7,088.32	15,887.58	7,273.95	154.89	155.37	-98.58	646.05	9,812.59	1,230.55	922.71	307.83	3.997	
15,900.00	7,087.97	15,987.58	7,273.73	156.55	157.02	-98.58	646.84	9,912.59	1,230.90	919.78	311.12	3.956	
16,000.00	7,087.62	16,087.58	7,273.51	158.21	158.68	-98.59	647.62	10,012.58	1,231.26	916.85	314.40	3.916	
16,100.00	7,087.28	16,187.58	7,273.28	159.87	160.34	-98.59	648.40	10,112.58	1,231.61	913.92	317.69	3.877	
16,200.00	7,086.93	16,287.57	7,273.06	161.53	162.00	-98.60	649.18	10,212.58	1,231.97	910.99	320.98	3.838	
16,300.00	7,086.58	16,387.57	7,272.84	163.19	163.66	-98.60	649.96	10,312.57	1,232.32	908.06	324.27	3.800	
16,400.00	7,086.23	16,487.57	7,272.61	164.85	165.32	-98.60	650.75	10,412.57	1,232.68	905.13	327.55	3.763	
16,500.00	7,085.88	16,587.57	7,272.39	166.51	166.98	-98.61	651.53	10,512.56	1,233.03	902.19	330.84	3.727	
16,600.00	7,085.53	16,687.57	7,272.17	168.17	168.63	-98.61	652.31	10,612.56	1,233.39	899.26	334.13	3.691	
16,700.00	7,085.18	16,787.57	7,271.94	169.83	170.29	-98.61	653.09	10,712.56	1,233.75	896.33	337.42	3.656	
16,800.00	7,084.83	16,887.57	7,271.72	171.49	171.95	-98.62	653.88	10,812.55	1,234.10	893.39	340.71	3.622	
16,900.00	7,084.48	16,987.57	7,271.50	173.16	173.61	-98.62	654.66	10,912.55	1,234.46	890.46	344.00	3.589	
17,000.00	7,084.13	17,087.57	7,271.28	174.82	175.27	-98.62	655.44	11,012.54	1,234.81	887.52	347.29	3.556	
17,100.00	7,083.78	17,187.57	7,271.05	176.48	176.94	-98.63	656.22	11,112.54	1,235.17	884.59	350.58	3.523	
17,200.00	7,083.43	17,287.57	7,270.83	178.14	178.60	-98.63	657.01	11,212.54	1,235.52	881.65	353.87	3.491	
17,300.00	7,083.09	17,387.57	7,270.61	179.81	180.26	-98.63	657.79	11,312.53	1,235.88	878.72	357.16	3.460	
17,400.00	7,082.74	17,487.57	7,270.38	181.47	181.92	-98.64	658.57	11,412.53	1,236.23	875.78	360.45	3.430	
17,500.00	7,082.39	17,587.57	7,270.16	183.13	183.58	-98.64	659.35	11,512.52	1,236.59	872.84	363.74	3.400	
17,600.00	7,082.04	17,687.57	7,269.94	184.79	185.24	-98.64	660.13	11,612.52	1,236.94	869.91	367.04	3.370	
17,700.00	7,081.69	17,787.57	7,269.71	186.46	186.90	-98.65	660.92	11,712.52	1,237.30	866.97	370.33	3.341	
17,800.00	7,081.34	17,887.56	7,269.49	188.12	188.57	-98.65	661.70	11,812.51	1,237.66	864.03	373.62	3.313	
17,900.00	7,080.99	17,987.56	7,269.27	189.78	190.23	-98.65	662.48	11,912.51	1,238.01	861.10	376.91	3.285	
17,997.31	7,080.65	18,084.88	7,269.05	191.40	191.84	-98.66	663.24	12,009.82	1,238.36	858.24	380.12	3.258 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
0.00	0.00	2.00	2.00	3.28	3.28	-89.54	1.45	-180.13	180.14				
100.00	100.00	102.00	102.00	3.28	3.28	-89.54	1.45	-180.13	180.14	172.61	7.53	23.925	
200.00	200.00	202.00	202.00	3.31	3.31	-89.54	1.45	-180.13	180.14	172.56	7.57	23.782 CC, ES	
300.00	299.98	306.26	306.25	3.35	3.35	151.14	2.24	-179.10	180.69	173.03	7.66	23.586	
400.00	399.84	411.25	411.11	3.41	3.43	152.97	5.32	-175.06	181.56	173.77	7.78	23.323	
500.00	499.45	515.78	515.25	3.50	3.53	156.04	10.70	-168.00	183.07	175.12	7.95	23.021	
600.00	598.70	619.59	618.30	3.61	3.65	160.25	18.32	-158.01	185.85	177.68	8.17	22.748	
700.00	697.47	722.47	719.90	3.77	3.81	165.43	28.10	-145.18	190.68	182.23	8.44	22.583	
800.00	795.83	824.30	819.82	3.96	4.01	171.28	39.96	-129.64	197.38	188.60	8.78	22.475	
900.00	894.18	925.11	918.01	4.19	4.25	177.52	53.80	-111.48	204.45	195.26	9.19	22.252	
1,000.00	992.53	1,024.10	1,013.61	4.44	4.54	-175.98	69.38	-91.06	212.59	202.92	9.67	21.983	
1,100.00	1,090.88	1,120.71	1,106.65	4.71	4.86	-169.90	85.15	-70.37	223.05	212.83	10.22	21.833	
1,200.00	1,189.23	1,217.31	1,199.69	5.00	5.21	-164.40	100.93	-49.69	235.88	225.08	10.81	21.831	
1,300.00	1,287.58	1,313.92	1,292.73	5.31	5.57	-159.48	116.70	-29.01	250.72	239.30	11.43	21.936	
1,400.00	1,385.94	1,410.53	1,385.77	5.62	5.96	-155.12	132.47	-8.32	267.25	255.16	12.08	22.119	
1,500.00	1,484.29	1,507.14	1,478.80	5.95	6.35	-151.26	148.25	12.36	285.15	272.39	12.76	22.352	
1,600.00	1,582.64	1,603.74	1,571.84	6.29	6.76	-147.86	164.02	33.05	304.20	290.75	13.45	22.617	
1,700.00	1,680.99	1,700.35	1,664.88	6.63	7.18	-144.86	179.79	53.73	324.18	310.03	14.16	22.899	
1,800.00	1,779.34	1,803.04	1,757.92	6.98	7.63	-142.20	195.57	74.41	344.95	330.05	14.90	23.156	
1,900.00	1,877.69	1,906.44	1,850.96	7.18	7.88	-139.84	211.34	95.10	366.36	351.43	14.93	24.542	
2,000.00	1,976.04	1,990.17	1,944.00	7.22	7.93	-137.74	227.12	115.78	388.30	373.29	15.02	25.859	
2,100.00	2,074.39	2,086.78	2,037.04	7.28	8.02	-135.87	242.89	136.46	410.70	395.56	15.14	27.121	
2,200.00	2,172.74	2,183.39	2,130.08	7.35	8.12	-134.18	258.66	157.15	433.48	418.18	15.30	28.328	
2,300.00	2,271.09	2,279.99	2,223.12	7.45	8.24	-132.66	274.44	177.83	456.58	441.09	15.49	29.472	
2,400.00	2,369.44	2,376.60	2,316.16	7.55	8.37	-131.29	290.21	198.52	479.96	464.25	15.71	30.546	
2,500.00	2,467.79	2,473.21	2,409.20	7.68	8.52	-130.05	305.98	219.20	503.58	487.62	15.96	31.547	
2,600.00	2,566.15	2,569.82	2,502.24	7.81	8.69	-128.91	321.76	239.88	527.41	511.17	16.24	32.474	
2,700.00	2,664.50	2,666.42	2,595.28	7.96	8.87	-127.87	337.53	260.57	551.42	534.87	16.55	33.326	
2,800.00	2,762.85	2,763.03	2,688.32	8.12	9.07	-126.92	353.31	281.25	575.58	558.71	16.88	34.106	
2,900.00	2,861.20	2,859.64	2,781.36	8.30	9.28	-126.05	369.08	301.94	599.88	582.65	17.23	34.815	
3,000.00	2,959.55	2,956.25	2,874.40	8.48	9.50	-125.24	384.85	322.62	624.31	606.70	17.61	35.457	
3,100.00	3,057.90	3,052.85	2,967.44	8.68	9.73	-124.50	400.63	343.30	648.84	630.84	18.01	36.035	
3,200.00	3,156.25	3,149.46	3,060.48	8.89	9.97	-123.80	416.40	363.99	673.48	655.05	18.42	36.555	
3,300.00	3,254.60	3,246.07	3,153.52	9.10	10.23	-123.16	432.17	384.67	698.19	679.33	18.86	37.020	
3,400.00	3,352.95	3,342.67	3,246.56	9.32	10.49	-122.56	447.95	405.35	722.99	703.67	19.31	37.434	
3,500.00	3,451.30	3,439.28	3,339.59	9.56	10.76	-122.00	463.72	426.04	747.85	728.07	19.78	37.803	
3,600.00	3,549.65	3,535.89	3,432.63	9.79	11.04	-121.47	479.50	446.72	772.78	752.51	20.27	38.129	
3,700.00	3,648.00	3,632.50	3,525.67	10.04	11.32	-120.98	495.27	467.41	797.77	777.00	20.77	38.418	
3,800.00	3,746.36	3,729.10	3,618.71	10.29	11.61	-120.52	511.04	488.09	822.80	801.53	21.28	38.671	
3,900.00	3,844.71	3,825.71	3,711.75	10.55	11.91	-120.09	526.82	508.77	847.89	826.09	21.80	38.894	
4,000.00	3,943.06	3,922.32	3,804.79	10.81	12.21	-119.68	542.59	529.46	873.01	850.68	22.33	39.089	
4,100.00	4,041.41	4,018.93	3,897.83	11.08	12.52	-119.29	558.36	550.14	898.18	875.30	22.88	39.259	
4,200.00	4,139.76	4,115.53	3,990.87	11.35	12.83	-118.92	574.14	570.82	923.39	899.95	23.43	39.407	
4,300.00	4,238.11	4,212.14	4,083.91	11.63	13.15	-118.58	589.91	591.51	948.62	924.63	23.99	39.534	
4,400.00	4,336.46	4,308.75	4,176.95	11.91	13.47	-118.25	605.68	612.19	973.89	949.32	24.57	39.644	
4,500.00	4,434.81	4,405.36	4,269.99	12.20	13.80	-117.94	621.46	632.88	999.19	974.04	25.14	39.737	
4,600.00	4,533.16	4,501.96	4,363.03	12.48	14.13	-117.64	637.23	653.56	1,024.51	998.78	25.73	39.816	
4,700.00	4,631.51	4,598.57	4,456.07	12.78	14.46	-117.36	653.01	674.24	1,049.86	1,023.53	26.32	39.882	
4,800.00	4,729.86	4,704.82	4,549.11	13.07	14.83	-117.09	668.78	694.93	1,075.23	1,048.27	26.96	39.889	
4,900.00	4,828.21	4,808.22	4,642.15	13.37	15.20	-116.83	684.55	715.61	1,100.62	1,073.04	27.58	39.901	
5,000.00	4,926.57	4,888.39	4,735.19	13.67	15.48	-116.59	700.33	736.29	1,126.03	1,097.89	28.14	40.018	
5,100.00	5,024.92	4,985.00	4,828.23	13.97	15.83	-116.35	716.10	756.98	1,151.46	1,122.71	28.75	40.045	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,123.27	5,081.61	4,921.27	14.28	16.17	-116.13	731.87	777.66	1,176.91	1,147.54	29.37	40.066		
5,300.00	5,221.62	5,178.21	5,014.31	14.59	16.52	-115.91	747.65	798.35	1,202.37	1,172.37	30.00	40.080		
5,400.00	5,319.97	5,274.82	5,107.35	14.90	16.87	-115.71	763.42	819.03	1,227.85	1,197.22	30.63	40.089		
5,500.00	5,418.32	5,371.43	5,200.38	15.21	17.23	-115.51	779.20	839.71	1,253.34	1,222.08	31.26	40.092		
5,600.00	5,516.67	5,468.04	5,293.42	15.52	17.58	-115.32	794.97	860.40	1,278.85	1,246.95	31.90	40.091		
5,700.00	5,615.02	5,564.64	5,386.46	15.84	17.94	-115.14	810.74	881.08	1,304.37	1,271.83	32.54	40.087		
5,800.00	5,713.37	5,661.25	5,479.50	16.15	18.30	-114.96	826.52	901.77	1,329.90	1,296.72	33.18	40.078		
5,900.00	5,811.72	5,757.86	5,572.54	16.47	18.66	-114.79	842.29	922.45	1,355.44	1,321.61	33.83	40.067		
6,000.00	5,910.07	5,854.47	5,665.58	16.79	19.02	-114.63	858.06	943.13	1,381.00	1,346.52	34.48	40.053		
6,100.00	6,008.42	5,951.07	5,758.62	17.11	19.39	-114.47	873.84	963.82	1,406.56	1,371.43	35.13	40.036		
6,200.00	6,106.78	6,047.68	5,851.66	17.43	19.75	-114.32	889.61	984.50	1,432.13	1,396.34	35.79	40.017		
6,300.00	6,205.13	6,144.29	5,944.70	17.76	20.12	-114.18	905.39	1,005.18	1,457.71	1,421.27	36.45	39.997		
6,400.00	6,303.48	6,240.90	6,037.74	18.08	20.48	-114.04	921.16	1,025.87	1,483.30	1,446.19	37.11	39.975		
6,500.00	6,401.83	6,337.50	6,130.78	18.41	20.85	-113.90	936.93	1,046.55	1,508.90	1,471.13	37.77	39.951		
6,600.00	6,500.18	6,434.11	6,223.82	18.73	21.22	-113.77	952.71	1,067.24	1,534.50	1,496.07	38.43	39.926		
6,700.00	6,598.49	6,530.73	6,316.87	19.06	21.59	-109.62	968.48	1,087.92	1,560.09	1,520.99	39.10	39.899		
6,800.00	6,694.58	6,627.38	6,409.95	19.45	21.96	-96.24	984.26	1,108.62	1,584.36	1,544.53	39.83	39.778		
6,900.00	6,785.47	6,722.27	6,501.34	19.92	22.33	-90.53	999.76	1,128.93	1,606.35	1,565.70	40.65	39.512		
7,000.00	6,868.90	6,813.06	6,588.77	20.48	22.68	-87.64	1,014.58	1,148.37	1,626.15	1,584.58	41.56	39.123		
7,100.00	6,942.84	6,896.71	6,668.76	21.13	23.02	-86.10	1,028.15	1,168.60	1,644.22	1,601.66	42.56	38.637		
7,200.00	7,005.45	6,983.66	6,748.59	21.87	23.44	-85.31	1,041.75	1,200.09	1,660.83	1,617.08	43.75	37.961		
7,300.00	7,055.21	7,078.15	6,829.64	22.70	24.00	-85.12	1,055.63	1,246.45	1,675.72	1,630.52	45.20	37.074		
7,400.00	7,090.87	7,182.67	6,910.31	23.61	24.73	-85.48	1,069.54	1,311.25	1,688.56	1,641.62	46.94	35.976		
7,500.00	7,111.57	7,300.44	6,987.28	24.59	25.69	-86.36	1,082.93	1,399.15	1,698.91	1,649.92	48.99	34.676		
7,600.00	7,116.95	7,435.40	7,054.12	25.62	26.96	-87.81	1,094.75	1,515.51	1,706.21	1,654.80	51.42	33.185		
7,700.00	7,116.60	7,595.08	7,099.91	26.71	28.63	-89.37	1,103.21	1,667.81	1,710.63	1,656.35	54.27	31.519		
7,800.00	7,116.25	7,741.97	7,108.92	27.85	30.27	-89.69	1,105.44	1,814.17	1,711.50	1,654.38	57.12	29.964		
7,900.00	7,115.90	7,841.97	7,108.69	29.06	31.42	-89.69	1,105.88	1,914.17	1,711.50	1,651.96	59.54	28.743		
8,000.00	7,115.55	7,941.97	7,108.45	30.31	32.62	-89.70	1,106.33	2,014.17	1,711.51	1,649.45	62.06	27.580		
8,100.00	7,115.21	8,041.97	7,108.22	31.60	33.86	-89.70	1,106.77	2,114.16	1,711.51	1,646.87	64.64	26.476		
8,200.00	7,114.86	8,141.97	7,107.99	32.92	35.13	-89.70	1,107.22	2,214.16	1,711.52	1,644.22	67.30	25.432		
8,300.00	7,114.51	8,241.97	7,107.75	34.28	36.44	-89.71	1,107.67	2,314.16	1,711.52	1,641.51	70.01	24.446		
8,400.00	7,114.16	8,341.97	7,107.52	35.66	37.77	-89.71	1,108.11	2,414.16	1,711.52	1,638.75	72.78	23.517		
8,500.00	7,113.81	8,441.97	7,107.29	37.07	39.13	-89.71	1,108.56	2,514.16	1,711.53	1,635.94	75.59	22.642		
8,600.00	7,113.46	8,541.97	7,107.05	38.51	40.51	-89.72	1,109.01	2,614.16	1,711.53	1,633.08	78.45	21.817		
8,700.00	7,113.11	8,641.97	7,106.82	39.96	41.91	-89.72	1,109.45	2,714.16	1,711.54	1,630.19	81.34	21.042		
8,800.00	7,112.76	8,741.97	7,106.59	41.42	43.33	-89.73	1,109.90	2,814.15	1,711.54	1,627.27	84.27	20.311		
8,900.00	7,112.41	8,841.97	7,106.35	42.91	44.77	-89.73	1,110.34	2,914.15	1,711.54	1,624.32	87.22	19.622		
9,000.00	7,112.06	8,941.97	7,106.12	44.40	46.23	-89.73	1,110.79	3,014.15	1,711.55	1,621.34	90.21	18.973		
9,100.00	7,111.71	9,041.97	7,105.89	45.91	47.69	-89.74	1,111.24	3,114.15	1,711.55	1,618.33	93.22	18.361		
9,200.00	7,111.37	9,141.97	7,105.66	47.43	49.17	-89.74	1,111.68	3,214.15	1,711.56	1,615.31	96.25	17.783		
9,300.00	7,111.02	9,241.97	7,105.42	48.96	50.67	-89.75	1,112.13	3,314.15	1,711.56	1,612.26	99.30	17.236		
9,400.00	7,110.67	9,341.97	7,105.19	50.50	52.17	-89.75	1,112.58	3,414.15	1,711.56	1,609.19	102.37	16.719		
9,500.00	7,110.32	9,441.97	7,104.96	52.05	53.68	-89.75	1,113.02	3,514.15	1,711.57	1,606.11	105.46	16.230		
9,600.00	7,109.97	9,541.97	7,104.72	53.60	55.21	-89.76	1,113.47	3,614.14	1,711.57	1,603.01	108.56	15.766		
9,700.00	7,109.62	9,641.97	7,104.49	55.17	56.74	-89.76	1,113.91	3,714.14	1,711.58	1,599.90	111.67	15.326		
9,800.00	7,109.27	9,741.97	7,104.26	56.73	58.27	-89.77	1,114.36	3,814.14	1,711.58	1,596.78	114.80	14.909		
9,900.00	7,108.92	9,841.97	7,104.02	58.31	59.82	-89.77	1,114.81	3,914.14	1,711.58	1,593.64	117.94	14.512		
10,000.00	7,108.57	9,941.97	7,103.79	59.89	61.37	-89.77	1,115.25	4,014.14	1,711.59	1,590.49	121.10	14.134		
10,100.00	7,108.22	10,041.97	7,103.56	61.47	62.93	-89.78	1,115.70	4,114.14	1,711.59	1,587.33	124.26	13.775		
10,200.00	7,107.87	10,141.97	7,103.33	63.06	64.49	-89.78	1,116.15	4,214.14	1,711.60	1,584.17	127.43	13.432		
10,300.00	7,107.52	10,241.97	7,103.09	64.66	66.06	-89.78	1,116.59	4,314.13	1,711.60	1,580.99	130.61	13.105		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
10,400.00	7,107.18	10,341.97	7,102.86	66.25	67.64	-89.79	1,117.04	4,414.13	1,711.60	1,577.81	133.80	12.793	
10,500.00	7,106.83	10,441.97	7,102.63	67.85	69.22	-89.79	1,117.48	4,514.13	1,711.61	1,574.62	136.99	12.494	
10,600.00	7,106.48	10,541.97	7,102.39	69.46	70.80	-89.80	1,117.93	4,614.13	1,711.61	1,571.42	140.19	12.209	
10,700.00	7,106.13	10,641.97	7,102.16	71.07	72.39	-89.80	1,118.38	4,714.13	1,711.62	1,568.21	143.40	11.936	
10,800.00	7,105.78	10,741.97	7,101.93	72.68	73.98	-89.80	1,118.82	4,814.13	1,711.62	1,565.00	146.62	11.674	
10,900.00	7,105.43	10,841.97	7,101.69	74.29	75.57	-89.81	1,119.27	4,914.13	1,711.62	1,561.78	149.84	11.423	
11,000.00	7,105.08	10,941.97	7,101.46	75.91	77.17	-89.81	1,119.72	5,014.13	1,711.63	1,558.56	153.06	11.182	
11,100.00	7,104.73	11,041.97	7,101.23	77.52	78.77	-89.82	1,120.16	5,114.12	1,711.63	1,555.34	156.30	10.951	
11,200.00	7,104.38	11,141.97	7,100.99	79.14	80.37	-89.82	1,120.61	5,214.12	1,711.64	1,552.10	159.53	10.729	
11,300.00	7,104.03	11,241.97	7,100.76	80.77	81.98	-89.82	1,121.05	5,314.12	1,711.64	1,548.87	162.77	10.516	
11,400.00	7,103.68	11,341.97	7,100.53	82.39	83.59	-89.83	1,121.50	5,414.12	1,711.64	1,545.63	166.02	10.310	
11,500.00	7,103.34	11,441.97	7,100.30	84.02	85.20	-89.83	1,121.95	5,514.12	1,711.65	1,542.38	169.26	10.112	
11,600.00	7,102.99	11,541.97	7,100.06	85.65	86.81	-89.84	1,122.39	5,614.12	1,711.65	1,539.14	172.52	9.922	
11,700.00	7,102.64	11,641.97	7,099.83	87.28	88.43	-89.84	1,122.84	5,714.12	1,711.66	1,535.89	175.77	9.738	
11,800.00	7,102.29	11,741.97	7,099.60	88.91	90.05	-89.84	1,123.29	5,814.11	1,711.66	1,532.63	179.03	9.561	
11,900.00	7,101.94	11,841.97	7,099.36	90.54	91.67	-89.85	1,123.73	5,914.11	1,711.66	1,529.37	182.29	9.390	
12,000.00	7,101.59	11,941.97	7,099.13	92.18	93.29	-89.85	1,124.18	6,014.11	1,711.67	1,526.11	185.56	9.225	
12,100.00	7,101.24	12,041.97	7,098.90	93.81	94.91	-89.85	1,124.62	6,114.11	1,711.67	1,522.85	188.82	9.065	
12,200.00	7,100.89	12,141.97	7,098.66	95.45	96.53	-89.86	1,125.07	6,214.11	1,711.68	1,519.58	192.09	8.911	
12,300.00	7,100.54	12,241.97	7,098.43	97.09	98.16	-89.86	1,125.52	6,314.11	1,711.68	1,516.31	195.37	8.761	
12,400.00	7,100.19	12,341.97	7,098.20	98.73	99.79	-89.87	1,125.96	6,414.11	1,711.69	1,513.04	198.64	8.617	
12,500.00	7,099.84	12,441.97	7,097.96	100.37	101.42	-89.87	1,126.41	6,514.11	1,711.69	1,509.77	201.92	8.477	
12,600.00	7,099.49	12,541.97	7,097.73	102.01	103.05	-89.87	1,126.86	6,614.10	1,711.69	1,506.50	205.20	8.342	
12,700.00	7,099.15	12,641.97	7,097.50	103.65	104.68	-89.88	1,127.30	6,714.10	1,711.70	1,503.22	208.48	8.210	
12,800.00	7,098.80	12,741.97	7,097.27	105.29	106.31	-89.88	1,127.75	6,814.10	1,711.70	1,499.94	211.76	8.083	
12,900.00	7,098.45	12,841.97	7,097.03	106.94	107.95	-89.89	1,128.19	6,914.10	1,711.71	1,496.66	215.05	7.960	
13,000.00	7,098.10	12,941.97	7,096.80	108.58	109.59	-89.89	1,128.64	7,014.10	1,711.71	1,493.37	218.34	7.840	
13,100.00	7,097.75	13,041.97	7,096.57	110.23	111.22	-89.89	1,129.09	7,114.10	1,711.71	1,490.09	221.62	7.723	
13,200.00	7,097.40	13,141.97	7,096.33	111.88	112.86	-89.90	1,129.53	7,214.10	1,711.72	1,486.80	224.92	7.611	
13,300.00	7,097.05	13,241.97	7,096.10	113.53	114.50	-89.90	1,129.98	7,314.09	1,711.72	1,483.52	228.21	7.501	
13,400.00	7,096.70	13,341.97	7,095.87	115.17	116.14	-89.91	1,130.43	7,414.09	1,711.73	1,480.23	231.50	7.394	
13,500.00	7,096.35	13,441.97	7,095.63	116.82	117.78	-89.91	1,130.87	7,514.09	1,711.73	1,476.94	234.80	7.290	
13,600.00	7,096.00	13,541.97	7,095.40	118.47	119.42	-89.91	1,131.32	7,614.09	1,711.74	1,473.64	238.09	7.189	
13,700.00	7,095.65	13,641.97	7,095.17	120.12	121.06	-89.92	1,131.76	7,714.09	1,711.74	1,470.35	241.39	7.091	
13,800.00	7,095.31	13,741.97	7,094.93	121.77	122.71	-89.92	1,132.21	7,814.09	1,711.74	1,467.06	244.69	6.996	
13,900.00	7,094.96	13,841.97	7,094.70	123.42	124.35	-89.92	1,132.66	7,914.09	1,711.75	1,463.76	247.99	6.903	
14,000.00	7,094.61	13,941.97	7,094.47	125.08	125.99	-89.93	1,133.10	8,014.09	1,711.75	1,460.46	251.29	6.812	
14,100.00	7,094.26	14,041.97	7,094.24	126.73	127.64	-89.93	1,133.55	8,114.08	1,711.76	1,457.16	254.59	6.723	
14,200.00	7,093.91	14,141.97	7,094.00	128.38	129.29	-89.94	1,134.00	8,214.08	1,711.76	1,453.86	257.90	6.637	
14,300.00	7,093.56	14,241.97	7,093.77	130.04	130.93	-89.94	1,134.44	8,314.08	1,711.77	1,450.56	261.20	6.553	
14,400.00	7,093.21	14,341.97	7,093.54	131.69	132.58	-89.94	1,134.89	8,414.08	1,711.77	1,447.26	264.51	6.472	
14,500.00	7,092.86	14,441.97	7,093.30	133.34	134.23	-89.95	1,135.33	8,514.08	1,711.78	1,443.96	267.81	6.392	
14,600.00	7,092.51	14,541.97	7,093.07	135.00	135.88	-89.95	1,135.78	8,614.08	1,711.78	1,440.66	271.12	6.314	
14,700.00	7,092.16	14,641.97	7,092.84	136.66	137.53	-89.96	1,136.23	8,714.08	1,711.78	1,437.35	274.43	6.238	
14,800.00	7,091.81	14,741.97	7,092.60	138.31	139.18	-89.96	1,136.67	8,814.07	1,711.79	1,434.05	277.74	6.163	
14,900.00	7,091.46	14,841.97	7,092.37	139.97	140.83	-89.96	1,137.12	8,914.07	1,711.79	1,430.74	281.05	6.091	
15,000.00	7,091.12	14,941.96	7,092.14	141.62	142.48	-89.97	1,137.57	9,014.07	1,711.80	1,427.44	284.36	6.020	
15,100.00	7,090.77	15,041.96	7,091.90	143.28	144.13	-89.97	1,138.01	9,114.07	1,711.80	1,424.13	287.67	5.951	
15,200.00	7,090.42	15,141.96	7,091.67	144.94	145.78	-89.98	1,138.46	9,214.07	1,711.81	1,420.82	290.98	5.883	
15,300.00	7,090.07	15,241.96	7,091.44	146.60	147.43	-89.98	1,138.90	9,314.07	1,711.81	1,417.51	294.30	5.817	
15,400.00	7,089.72	15,341.96	7,091.21	148.25	149.08	-89.98	1,139.35	9,414.07	1,711.81	1,414.20	297.61	5.752	
15,500.00	7,089.37	15,441.96	7,090.97	149.91	150.74	-89.99	1,139.80	9,514.07	1,711.82	1,410.89	300.93	5.689	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 11N-3B-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							
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
15,600.00	7,089.02	15,541.96	7,090.74	151.57	152.39	-89.99	1,140.24	9,614.06	1,711.82	1,407.58	304.24	5.627	
15,700.00	7,088.67	15,641.96	7,090.51	153.23	154.05	-89.99	1,140.69	9,714.06	1,711.83	1,404.27	307.56	5.566	
15,800.00	7,088.32	15,741.96	7,090.27	154.89	155.70	-90.00	1,141.14	9,814.06	1,711.83	1,400.96	310.87	5.507	
15,900.00	7,087.97	15,841.96	7,090.04	156.55	157.35	-90.00	1,141.58	9,914.06	1,711.84	1,397.65	314.19	5.448	
16,000.00	7,087.62	15,941.96	7,089.81	158.21	159.01	-90.01	1,142.03	10,014.06	1,711.84	1,394.33	317.51	5.391	
16,100.00	7,087.28	16,041.96	7,089.57	159.87	160.66	-90.01	1,142.47	10,114.06	1,711.85	1,391.02	320.83	5.336	
16,200.00	7,086.93	16,141.96	7,089.34	161.53	162.32	-90.01	1,142.92	10,214.06	1,711.85	1,387.71	324.14	5.281	
16,300.00	7,086.58	16,241.96	7,089.11	163.19	163.98	-90.02	1,143.37	10,314.05	1,711.85	1,384.39	327.46	5.228	
16,400.00	7,086.23	16,341.96	7,088.87	164.85	165.63	-90.02	1,143.81	10,414.05	1,711.86	1,381.08	330.78	5.175	
16,500.00	7,085.88	16,441.96	7,088.64	166.51	167.29	-90.03	1,144.26	10,514.05	1,711.86	1,377.76	334.10	5.124	
16,600.00	7,085.53	16,541.96	7,088.41	168.17	168.95	-90.03	1,144.71	10,614.05	1,711.87	1,374.44	337.42	5.073	
16,700.00	7,085.18	16,641.96	7,088.18	169.83	170.60	-90.03	1,145.15	10,714.05	1,711.87	1,371.13	340.75	5.024	
16,800.00	7,084.83	16,741.96	7,087.94	171.49	172.26	-90.04	1,145.60	10,814.05	1,711.88	1,367.81	344.07	4.975	
16,900.00	7,084.48	16,841.96	7,087.71	173.16	173.92	-90.04	1,146.04	10,914.05	1,711.88	1,364.49	347.39	4.928	
17,000.00	7,084.13	16,941.96	7,087.48	174.82	175.58	-90.04	1,146.49	11,014.05	1,711.89	1,361.18	350.71	4.881	
17,100.00	7,083.78	17,041.96	7,087.24	176.48	177.24	-90.05	1,146.94	11,114.04	1,711.89	1,357.86	354.03	4.835	
17,200.00	7,083.43	17,141.96	7,087.01	178.14	178.89	-90.05	1,147.38	11,214.04	1,711.90	1,354.54	357.36	4.790	
17,300.00	7,083.09	17,241.96	7,086.78	179.81	180.55	-90.06	1,147.83	11,314.04	1,711.90	1,351.22	360.68	4.746	
17,400.00	7,082.74	17,341.96	7,086.54	181.47	182.21	-90.06	1,148.28	11,414.04	1,711.90	1,347.90	364.00	4.703	
17,500.00	7,082.39	17,441.96	7,086.31	183.13	183.87	-90.06	1,148.72	11,514.04	1,711.91	1,344.58	367.33	4.660	
17,600.00	7,082.04	17,541.96	7,086.08	184.79	185.53	-90.07	1,149.17	11,614.04	1,711.91	1,341.26	370.65	4.619	
17,700.00	7,081.69	17,641.96	7,085.85	186.46	187.19	-90.07	1,149.61	11,714.04	1,711.92	1,337.94	373.98	4.578	
17,800.00	7,081.34	17,741.96	7,085.61	188.12	188.85	-90.08	1,150.06	11,814.03	1,711.92	1,334.62	377.30	4.537	
17,900.00	7,080.99	17,841.96	7,085.38	189.78	190.51	-90.08	1,150.51	11,914.03	1,711.93	1,331.30	380.63	4.498	
17,997.31	7,080.65	17,939.28	7,085.15	191.40	192.13	-90.08	1,150.94	12,011.35	1,711.93	1,328.07	383.87	4.460 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.48	1.46	-160.09	160.09				
100.00	100.00	102.00	102.00	3.28	3.28	-89.48	1.46	-160.09	160.09	152.56	7.53	21.263	
200.00	200.00	202.00	202.00	3.31	3.31	-89.48	1.46	-160.09	160.09	152.52	7.57	21.135 CC, ES	
300.00	299.98	304.00	304.00	3.35	3.35	151.04	1.65	-159.81	161.35	153.69	7.66	21.062	
400.00	399.84	408.67	408.60	3.41	3.42	152.67	3.64	-156.91	163.26	155.47	7.78	20.971	
500.00	499.45	513.00	512.67	3.50	3.52	155.61	7.78	-150.88	165.61	157.66	7.95	20.830	
600.00	598.70	616.77	615.85	3.61	3.64	159.76	14.02	-141.80	168.99	160.83	8.16	20.702	
700.00	697.47	719.75	717.78	3.77	3.79	164.91	22.31	-129.75	174.14	165.71	8.43	20.662	
800.00	795.83	821.85	818.26	3.96	3.98	170.78	32.56	-114.82	180.83	172.08	8.75	20.665	
900.00	894.18	923.10	917.20	4.19	4.21	177.08	44.73	-97.12	187.55	178.41	9.14	20.527	
1,000.00	992.53	1,022.20	1,013.31	4.44	4.47	-176.40	58.40	-77.23	195.05	185.45	9.60	20.325	
1,100.00	1,090.88	1,119.39	1,107.43	4.71	4.77	-170.36	72.14	-57.25	204.73	194.61	10.12	20.237	
1,200.00	1,189.23	1,216.59	1,201.55	5.00	5.10	-164.90	85.87	-37.26	216.54	205.86	10.68	20.272	
1,300.00	1,287.58	1,313.78	1,295.66	5.31	5.44	-160.03	99.61	-17.27	230.16	218.87	11.28	20.396	
1,400.00	1,385.94	1,410.97	1,389.78	5.62	5.80	-155.70	113.35	2.72	245.28	233.36	11.92	20.582	
1,500.00	1,484.29	1,508.17	1,483.90	5.95	6.17	-151.88	127.08	22.70	261.64	249.07	12.57	20.807	
1,600.00	1,582.64	1,605.36	1,578.02	6.29	6.56	-148.52	140.82	42.69	279.04	265.78	13.25	21.056	
1,700.00	1,680.99	1,702.55	1,672.14	6.63	6.95	-145.54	154.56	62.68	297.27	283.33	13.95	21.317	
1,800.00	1,779.34	1,800.25	1,766.26	6.98	7.36	-142.91	168.29	82.67	316.21	301.56	14.65	21.580	
1,900.00	1,877.69	1,903.06	1,860.38	7.18	7.59	-140.58	182.03	102.66	335.73	321.05	14.68	22.865	
2,000.00	1,976.04	2,005.87	1,954.49	7.22	7.66	-138.50	195.77	122.64	355.73	340.94	14.79	24.056	
2,100.00	2,074.39	2,108.68	2,048.61	7.28	7.74	-136.64	209.51	142.63	376.14	361.22	14.93	25.201	
2,200.00	2,172.74	2,188.52	2,142.73	7.35	7.82	-134.97	223.24	162.62	396.90	381.83	15.07	26.332	
2,300.00	2,271.09	2,285.71	2,236.85	7.45	7.93	-133.47	236.98	182.61	417.95	402.68	15.27	27.379	
2,400.00	2,369.44	2,382.90	2,330.97	7.55	8.06	-132.11	250.72	202.59	439.25	423.76	15.49	28.361	
2,500.00	2,467.79	2,480.10	2,425.09	7.68	8.20	-130.88	264.45	222.58	460.77	445.03	15.74	29.276	
2,600.00	2,566.15	2,577.29	2,519.21	7.81	8.36	-129.75	278.19	242.57	482.47	466.45	16.02	30.122	
2,700.00	2,664.50	2,674.48	2,613.33	7.96	8.54	-128.72	291.93	262.56	504.34	488.02	16.32	30.900	
2,800.00	2,762.85	2,771.68	2,707.44	8.12	8.73	-127.78	305.66	282.54	526.35	509.70	16.65	31.610	
2,900.00	2,861.20	2,868.87	2,801.56	8.30	8.93	-126.91	319.40	302.53	548.49	531.48	17.00	32.256	
3,000.00	2,959.55	2,966.06	2,895.68	8.48	9.14	-126.11	333.14	322.52	570.74	553.36	17.38	32.840	
3,100.00	3,057.90	3,063.26	2,989.80	8.68	9.36	-125.37	346.88	342.51	593.08	575.31	17.78	33.366	
3,200.00	3,156.25	3,160.45	3,083.92	8.89	9.59	-124.68	360.61	362.50	615.52	597.33	18.19	33.838	
3,300.00	3,254.60	3,257.64	3,178.04	9.10	9.84	-124.04	374.35	382.48	638.03	619.41	18.62	34.259	
3,400.00	3,352.95	3,354.84	3,272.16	9.32	10.09	-123.45	388.09	402.47	660.62	641.54	19.07	34.635	
3,500.00	3,451.30	3,452.03	3,366.27	9.56	10.35	-122.89	401.82	422.46	683.26	663.72	19.54	34.968	
3,600.00	3,549.65	3,549.22	3,460.39	9.79	10.61	-122.37	415.56	442.45	705.97	685.95	20.02	35.263	
3,700.00	3,648.00	3,646.42	3,554.51	10.04	10.89	-121.88	429.30	462.43	728.73	708.21	20.51	35.523	
3,800.00	3,746.36	3,743.61	3,648.63	10.29	11.17	-121.42	443.03	482.42	751.53	730.51	21.02	35.752	
3,900.00	3,844.71	3,840.80	3,742.75	10.55	11.45	-120.99	456.77	502.41	774.38	752.84	21.54	35.952	
4,000.00	3,943.06	3,938.00	3,836.87	10.81	11.74	-120.58	470.51	522.40	797.26	775.20	22.07	36.127	
4,100.00	4,041.41	4,035.19	3,930.99	11.08	12.04	-120.20	484.25	542.39	820.19	797.58	22.61	36.280	
4,200.00	4,139.76	4,132.38	4,025.10	11.35	12.34	-119.84	497.98	562.37	843.14	819.99	23.16	36.411	
4,300.00	4,238.11	4,229.58	4,119.22	11.63	12.65	-119.49	511.72	582.36	866.13	842.42	23.71	36.525	
4,400.00	4,336.46	4,326.77	4,213.34	11.91	12.96	-119.17	525.46	602.35	889.15	864.87	24.28	36.622	
4,500.00	4,434.81	4,423.96	4,307.46	12.20	13.27	-118.85	539.19	622.34	912.19	887.34	24.85	36.704	
4,600.00	4,533.16	4,521.16	4,401.58	12.48	13.59	-118.56	552.93	642.32	935.25	909.82	25.43	36.774	
4,700.00	4,631.51	4,618.35	4,495.70	12.78	13.91	-118.28	566.67	662.31	958.34	932.32	26.02	36.832	
4,800.00	4,729.86	4,715.54	4,589.82	13.07	14.24	-118.01	580.40	682.30	981.45	954.84	26.61	36.879	
4,900.00	4,828.21	4,812.74	4,683.93	13.37	14.56	-117.76	594.14	702.29	1,004.58	977.37	27.21	36.918	
5,000.00	4,926.57	4,909.93	4,778.05	13.67	14.89	-117.51	607.88	722.27	1,027.72	999.91	27.82	36.948	
5,100.00	5,024.92	5,007.12	4,872.17	13.97	15.22	-117.28	621.62	742.26	1,050.89	1,022.46	28.42	36.971	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,123.27	5,104.32	4,966.29	14.28	15.56	-117.06	635.35	762.25	1,074.07	1,045.03	29.04	36.988		
5,300.00	5,221.62	5,201.51	5,060.41	14.59	15.90	-116.84	649.09	782.24	1,097.26	1,067.60	29.66	36.999		
5,400.00	5,319.97	5,298.70	5,154.53	14.90	16.23	-116.64	662.83	802.23	1,120.47	1,090.19	30.28	37.004		
5,500.00	5,418.32	5,395.90	5,248.65	15.21	16.58	-116.44	676.56	822.21	1,143.69	1,112.78	30.91	37.006		
5,600.00	5,516.67	5,506.91	5,342.76	15.52	16.97	-116.25	690.30	842.20	1,166.92	1,135.34	31.58	36.947		
5,700.00	5,615.02	5,590.28	5,436.88	15.84	17.26	-116.07	704.04	862.19	1,190.16	1,157.99	32.17	36.996		
5,800.00	5,713.37	5,687.47	5,531.00	16.15	17.61	-115.90	717.77	882.18	1,213.42	1,180.61	32.81	36.987		
5,900.00	5,811.72	5,784.67	5,625.12	16.47	17.96	-115.73	731.51	902.16	1,236.68	1,203.24	33.45	36.975		
6,000.00	5,910.07	5,881.86	5,719.24	16.79	18.31	-115.57	745.25	922.15	1,259.96	1,225.87	34.09	36.960		
6,100.00	6,008.42	5,979.05	5,813.36	17.11	18.66	-115.41	758.99	942.14	1,283.24	1,248.51	34.74	36.944		
6,200.00	6,106.78	6,076.25	5,907.48	17.43	19.01	-115.26	772.72	962.13	1,306.54	1,271.15	35.38	36.925		
6,300.00	6,205.13	6,173.44	6,001.59	17.76	19.36	-115.12	786.46	982.11	1,329.84	1,293.80	36.03	36.905		
6,400.00	6,303.48	6,270.63	6,095.71	18.08	19.72	-114.98	800.20	1,002.10	1,353.15	1,316.46	36.69	36.883		
6,500.00	6,401.83	6,367.83	6,189.83	18.41	20.07	-114.84	813.93	1,022.09	1,376.46	1,339.12	37.34	36.860		
6,600.00	6,500.18	6,465.02	6,283.95	18.73	20.43	-114.71	827.67	1,042.08	1,399.79	1,361.78	38.00	36.836		
6,700.00	6,598.49	6,562.22	6,378.08	19.06	20.78	-110.59	841.41	1,062.07	1,423.09	1,384.43	38.66	36.810		
6,800.00	6,694.58	6,659.36	6,472.14	19.45	21.14	-97.45	855.14	1,082.04	1,445.25	1,405.87	39.38	36.701		
6,900.00	6,785.47	6,754.56	6,564.34	19.92	21.49	-91.99	868.59	1,101.62	1,465.47	1,425.29	40.19	36.466		
7,000.00	6,868.90	6,845.50	6,652.39	20.48	21.83	-89.34	881.45	1,120.32	1,483.94	1,442.87	41.07	36.128		
7,100.00	6,942.84	6,936.69	6,740.14	21.13	22.18	-88.17	894.17	1,141.49	1,501.13	1,459.05	42.08	35.672		
7,200.00	7,005.45	7,038.38	6,833.73	21.87	22.67	-87.85	907.28	1,178.73	1,516.87	1,473.53	43.34	34.996		
7,300.00	7,055.21	7,151.92	6,929.89	22.70	23.35	-88.15	920.10	1,237.44	1,530.68	1,485.76	44.92	34.076		
7,400.00	7,090.87	7,280.82	7,024.67	23.61	24.30	-89.00	931.83	1,323.68	1,541.94	1,495.07	46.87	32.898		
7,500.00	7,111.57	7,428.68	7,109.79	24.59	25.58	-90.30	941.01	1,443.82	1,549.81	1,500.57	49.24	31.475		
7,600.00	7,116.95	7,597.69	7,170.71	25.62	27.29	-91.91	945.31	1,600.88	1,553.22	1,501.19	52.03	29.850		
7,700.00	7,116.60	7,770.50	7,188.94	26.71	29.18	-92.61	942.65	1,772.20	1,551.53	1,496.48	55.04	28.188		
7,800.00	7,116.25	7,870.44	7,188.58	27.85	30.33	-92.61	939.42	1,872.08	1,547.85	1,490.45	57.40	26.965		
7,900.00	7,115.90	7,970.37	7,188.22	29.06	31.52	-92.62	936.18	1,971.96	1,544.18	1,484.33	59.85	25.799		
8,000.00	7,115.55	8,070.30	7,187.86	30.31	32.75	-92.62	932.95	2,071.84	1,540.51	1,478.12	62.39	24.692		
8,100.00	7,115.21	8,170.23	7,187.50	31.60	34.02	-92.63	929.72	2,171.72	1,536.84	1,471.84	65.00	23.645		
8,200.00	7,114.86	8,270.17	7,187.15	32.92	35.32	-92.64	926.49	2,271.60	1,533.17	1,465.50	67.67	22.656		
8,300.00	7,114.51	8,370.10	7,186.79	34.28	36.65	-92.64	923.26	2,371.48	1,529.49	1,459.09	70.40	21.725		
8,400.00	7,114.16	8,470.03	7,186.43	35.66	38.01	-92.65	920.03	2,471.36	1,525.82	1,452.64	73.18	20.849		
8,500.00	7,113.81	8,569.96	7,186.07	37.07	39.39	-92.65	916.79	2,571.24	1,522.15	1,446.14	76.01	20.025		
8,600.00	7,113.46	8,669.90	7,185.71	38.51	40.80	-92.66	913.56	2,671.12	1,518.48	1,439.60	78.88	19.250		
8,700.00	7,113.11	8,769.83	7,185.35	39.96	42.22	-92.67	910.33	2,771.00	1,514.81	1,433.02	81.78	18.522		
8,800.00	7,112.76	8,869.76	7,184.99	41.42	43.66	-92.67	907.10	2,870.88	1,511.14	1,426.41	84.72	17.837		
8,900.00	7,112.41	8,969.69	7,184.63	42.91	45.12	-92.68	903.87	2,970.76	1,507.46	1,419.78	87.69	17.191		
9,000.00	7,112.06	9,069.62	7,184.28	44.40	46.59	-92.69	900.64	3,070.64	1,503.79	1,413.11	90.68	16.584		
9,100.00	7,111.71	9,169.56	7,183.92	45.91	48.07	-92.69	897.40	3,170.52	1,500.12	1,406.42	93.69	16.011		
9,200.00	7,111.37	9,269.49	7,183.56	47.43	49.57	-92.70	894.17	3,270.40	1,496.45	1,399.72	96.73	15.470		
9,300.00	7,111.02	9,369.42	7,183.20	48.96	51.07	-92.70	890.94	3,370.28	1,492.78	1,392.99	99.79	14.959		
9,400.00	7,110.67	9,469.35	7,182.84	50.50	52.59	-92.71	887.71	3,470.15	1,489.10	1,386.24	102.86	14.476		
9,500.00	7,110.32	9,548.65	7,182.56	52.05	53.80	-92.71	885.42	3,549.42	1,485.85	1,380.17	105.68	14.060		
9,593.54	7,109.99	9,610.27	7,182.34	53.50	54.74	-92.72	884.95	3,611.04	1,484.72	1,376.59	108.13	13.731		
9,600.00	7,109.97	9,627.68	7,182.33	53.60	55.01	-92.72	884.94	3,612.59	1,484.71	1,376.21	108.50	13.684		
9,700.00	7,109.62	9,711.82	7,181.97	55.17	56.30	-92.72	885.58	3,712.58	1,484.91	1,373.54	111.37	13.333		
9,800.00	7,109.27	9,811.82	7,181.61	56.73	57.86	-92.71	886.22	3,812.58	1,485.10	1,370.61	114.50	12.971		
9,900.00	7,108.92	9,911.82	7,181.25	58.31	59.41	-92.71	886.86	3,912.58	1,485.30	1,367.66	117.64	12.626		
10,000.00	7,108.57	10,011.82	7,180.89	59.89	60.98	-92.71	887.50	4,012.57	1,485.49	1,364.70	120.79	12.298		
10,100.00	7,108.22	10,111.82	7,180.53	61.47	62.55	-92.71	888.13	4,112.57	1,485.69	1,361.74	123.95	11.986		
10,200.00	7,107.87	10,211.82	7,180.18	63.06	64.12	-92.71	888.77	4,212.57	1,485.89	1,358.76	127.12	11.688		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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							
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	7,107.52	10,311.82	7,179.82	64.66	65.70	-92.71	889.41	4,312.57	1,486.08	1,355.78	130.30	11.405	
10,400.00	7,107.18	10,411.82	7,179.46	66.25	67.29	-92.71	890.05	4,412.56	1,486.28	1,352.78	133.49	11.134	
10,500.00	7,106.83	10,511.82	7,179.10	67.85	68.88	-92.71	890.69	4,512.56	1,486.47	1,349.79	136.69	10.875	
10,600.00	7,106.48	10,611.82	7,178.74	69.46	70.47	-92.71	891.33	4,612.56	1,486.67	1,346.78	139.89	10.627	
10,700.00	7,106.13	10,711.82	7,178.38	71.07	72.06	-92.71	891.96	4,712.55	1,486.86	1,343.77	143.10	10.391	
10,800.00	7,105.78	10,811.82	7,178.02	72.68	73.66	-92.71	892.60	4,812.55	1,487.06	1,340.75	146.31	10.164	
10,900.00	7,105.43	10,911.82	7,177.66	74.29	75.26	-92.71	893.24	4,912.55	1,487.26	1,337.72	149.53	9.946	
11,000.00	7,105.08	11,011.82	7,177.30	75.91	76.87	-92.71	893.88	5,012.55	1,487.45	1,334.69	152.76	9.737	
11,100.00	7,104.73	11,111.82	7,176.94	77.52	78.48	-92.70	894.52	5,112.54	1,487.65	1,331.66	155.99	9.537	
11,200.00	7,104.38	11,211.82	7,176.58	79.14	80.09	-92.70	895.15	5,212.54	1,487.84	1,328.62	159.22	9.345	
11,300.00	7,104.03	11,311.82	7,176.22	80.77	81.70	-92.70	895.79	5,312.54	1,488.04	1,325.58	162.46	9.159	
11,400.00	7,103.68	11,411.82	7,175.87	82.39	83.32	-92.70	896.43	5,412.53	1,488.23	1,322.53	165.70	8.981	
11,500.00	7,103.34	11,511.82	7,175.51	84.02	84.93	-92.70	897.07	5,512.53	1,488.43	1,319.48	168.95	8.810	
11,600.00	7,102.99	11,611.82	7,175.15	85.65	86.55	-92.70	897.71	5,612.53	1,488.63	1,316.43	172.20	8.645	
11,700.00	7,102.64	11,711.82	7,174.79	87.28	88.18	-92.70	898.35	5,712.53	1,488.82	1,313.37	175.45	8.486	
11,800.00	7,102.29	11,811.82	7,174.43	88.91	89.80	-92.70	898.98	5,812.52	1,489.02	1,310.31	178.71	8.332	
11,900.00	7,101.94	11,911.82	7,174.07	90.54	91.42	-92.70	899.62	5,912.52	1,489.21	1,307.24	181.97	8.184	
12,000.00	7,101.59	12,011.82	7,173.71	92.18	93.05	-92.70	900.26	6,012.52	1,489.41	1,304.18	185.23	8.041	
12,100.00	7,101.24	12,111.82	7,173.35	93.81	94.68	-92.70	900.90	6,112.51	1,489.60	1,301.11	188.50	7.903	
12,200.00	7,100.89	12,211.82	7,172.99	95.45	96.31	-92.70	901.54	6,212.51	1,489.80	1,298.03	191.77	7.769	
12,300.00	7,100.54	12,311.82	7,172.63	97.09	97.94	-92.70	902.17	6,312.51	1,490.00	1,294.96	195.04	7.640	
12,400.00	7,100.19	12,411.82	7,172.27	98.73	99.57	-92.70	902.81	6,412.51	1,490.19	1,291.88	198.31	7.514	
12,500.00	7,099.84	12,511.82	7,171.91	100.37	101.21	-92.69	903.45	6,512.50	1,490.39	1,288.80	201.58	7.393	
12,600.00	7,099.49	12,611.82	7,171.56	102.01	102.84	-92.69	904.09	6,612.50	1,490.58	1,285.72	204.86	7.276	
12,700.00	7,099.15	12,711.82	7,171.20	103.65	104.48	-92.69	904.73	6,712.50	1,490.78	1,282.64	208.14	7.162	
12,800.00	7,098.80	12,811.82	7,170.84	105.29	106.12	-92.69	905.37	6,812.49	1,490.97	1,279.55	211.42	7.052	
12,900.00	7,098.45	12,911.82	7,170.48	106.94	107.75	-92.69	906.00	6,912.49	1,491.17	1,276.46	214.71	6.945	
13,000.00	7,098.10	13,011.82	7,170.12	108.58	109.39	-92.69	906.64	7,012.49	1,491.37	1,273.38	217.99	6.841	
13,100.00	7,097.75	13,111.82	7,169.76	110.23	111.03	-92.69	907.28	7,112.49	1,491.56	1,270.28	221.28	6.741	
13,200.00	7,097.40	13,211.82	7,169.40	111.88	112.68	-92.69	907.92	7,212.48	1,491.76	1,267.19	224.56	6.643	
13,300.00	7,097.05	13,311.82	7,169.04	113.53	114.32	-92.69	908.56	7,312.48	1,491.95	1,264.10	227.85	6.548	
13,400.00	7,096.70	13,411.82	7,168.68	115.17	115.96	-92.69	909.19	7,412.48	1,492.15	1,261.00	231.15	6.455	
13,500.00	7,096.35	13,511.82	7,168.32	116.82	117.60	-92.69	909.83	7,512.47	1,492.34	1,257.91	234.44	6.366	
13,600.00	7,096.00	13,611.82	7,167.96	118.47	119.25	-92.69	910.47	7,612.47	1,492.54	1,254.81	237.73	6.278	
13,700.00	7,095.65	13,711.82	7,167.60	120.12	120.89	-92.69	911.11	7,712.47	1,492.74	1,251.71	241.03	6.193	
13,800.00	7,095.31	13,811.82	7,167.25	121.77	122.54	-92.68	911.75	7,812.47	1,492.93	1,248.61	244.32	6.110	
13,900.00	7,094.96	13,911.82	7,166.89	123.42	124.19	-92.68	912.39	7,912.46	1,493.13	1,245.51	247.62	6.030	
14,000.00	7,094.61	14,011.82	7,166.53	125.08	125.84	-92.68	913.02	8,012.46	1,493.32	1,242.40	250.92	5.951	
14,100.00	7,094.26	14,111.82	7,166.17	126.73	127.48	-92.68	913.66	8,112.46	1,493.52	1,239.30	254.22	5.875	
14,200.00	7,093.91	14,211.82	7,165.81	128.38	129.13	-92.68	914.30	8,212.45	1,493.71	1,236.19	257.52	5.800	
14,300.00	7,093.56	14,311.82	7,165.45	130.04	130.78	-92.68	914.94	8,312.45	1,493.91	1,233.09	260.82	5.728	
14,400.00	7,093.21	14,411.81	7,165.09	131.69	132.43	-92.68	915.58	8,412.45	1,494.11	1,229.98	264.13	5.657	
14,500.00	7,092.86	14,511.81	7,164.73	133.34	134.08	-92.68	916.22	8,512.45	1,494.30	1,226.87	267.43	5.588	
14,600.00	7,092.51	14,611.81	7,164.37	135.00	135.73	-92.68	916.85	8,612.44	1,494.50	1,223.76	270.73	5.520	
14,700.00	7,092.16	14,711.81	7,164.01	136.66	137.38	-92.68	917.49	8,712.44	1,494.69	1,220.65	274.04	5.454	
14,800.00	7,091.81	14,811.81	7,163.65	138.31	139.04	-92.68	918.13	8,812.44	1,494.89	1,217.54	277.35	5.390	
14,900.00	7,091.46	14,911.81	7,163.29	139.97	140.69	-92.68	918.77	8,912.43	1,495.08	1,214.43	280.65	5.327	
15,000.00	7,091.12	15,011.81	7,162.94	141.62	142.34	-92.68	919.41	9,012.43	1,495.28	1,211.32	283.96	5.266	
15,100.00	7,090.77	15,111.81	7,162.58	143.28	144.00	-92.68	920.04	9,112.43	1,495.48	1,208.21	287.27	5.206	
15,200.00	7,090.42	15,211.81	7,162.22	144.94	145.65	-92.67	920.68	9,212.43	1,495.67	1,205.09	290.58	5.147	
15,300.00	7,090.07	15,311.81	7,161.86	146.60	147.30	-92.67	921.32	9,312.42	1,495.87	1,201.98	293.89	5.090	
15,400.00	7,089.72	15,411.81	7,161.50	148.25	148.96	-92.67	921.96	9,412.42	1,496.06	1,198.86	297.20	5.034	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 11N-3C-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	
15,500.00	7,089.37	15,511.81	7,161.14	149.91	150.61	-92.67	922.60	9,512.42	1,496.26	1,195.75	300.51	4.979	
15,600.00	7,089.02	15,611.81	7,160.78	151.57	152.27	-92.67	923.24	9,612.41	1,496.45	1,192.63	303.82	4.925	
15,700.00	7,088.67	15,711.81	7,160.42	153.23	153.92	-92.67	923.87	9,712.41	1,496.65	1,189.51	307.14	4.873	
15,800.00	7,088.32	15,811.81	7,160.06	154.89	155.58	-92.67	924.51	9,812.41	1,496.85	1,186.39	310.45	4.822	
15,900.00	7,087.97	15,911.81	7,159.70	156.55	157.24	-92.67	925.15	9,912.41	1,497.04	1,183.28	313.77	4.771	
16,000.00	7,087.62	16,011.81	7,159.34	158.21	158.89	-92.67	925.79	10,012.40	1,497.24	1,180.16	317.08	4.722	
16,100.00	7,087.28	16,111.81	7,158.98	159.87	160.55	-92.67	926.43	10,112.40	1,497.43	1,177.04	320.40	4.674	
16,200.00	7,086.93	16,211.81	7,158.63	161.53	162.21	-92.67	927.06	10,212.40	1,497.63	1,173.92	323.71	4.626	
16,300.00	7,086.58	16,311.81	7,158.27	163.19	163.86	-92.67	927.70	10,312.39	1,497.82	1,170.80	327.03	4.580	
16,400.00	7,086.23	16,411.81	7,157.91	164.85	165.52	-92.67	928.34	10,412.39	1,498.02	1,167.68	330.34	4.535	
16,500.00	7,085.88	16,511.81	7,157.55	166.51	167.18	-92.66	928.98	10,512.39	1,498.22	1,164.55	333.66	4.490	
16,600.00	7,085.53	16,611.81	7,157.19	168.17	168.84	-92.66	929.62	10,612.39	1,498.41	1,161.43	336.98	4.447	
16,700.00	7,085.18	16,711.81	7,156.83	169.83	170.50	-92.66	930.26	10,712.38	1,498.61	1,158.31	340.30	4.404	
16,800.00	7,084.83	16,811.81	7,156.47	171.49	172.16	-92.66	930.89	10,812.38	1,498.80	1,155.19	343.62	4.362	
16,900.00	7,084.48	16,911.81	7,156.11	173.16	173.82	-92.66	931.53	10,912.38	1,499.00	1,152.06	346.93	4.321	
17,000.00	7,084.13	17,011.81	7,155.75	174.82	175.48	-92.66	932.17	11,012.37	1,499.19	1,148.94	350.25	4.280	
17,100.00	7,083.78	17,111.81	7,155.39	176.48	177.14	-92.66	932.81	11,112.37	1,499.39	1,145.82	353.57	4.241	
17,200.00	7,083.43	17,211.81	7,155.03	178.14	178.80	-92.66	933.45	11,212.37	1,499.59	1,142.69	356.89	4.202	
17,300.00	7,083.09	17,311.81	7,154.67	179.81	180.46	-92.66	934.08	11,312.37	1,499.78	1,139.57	360.21	4.164	
17,400.00	7,082.74	17,411.81	7,154.32	181.47	182.12	-92.66	934.72	11,412.36	1,499.98	1,136.44	363.54	4.126	
17,500.00	7,082.39	17,511.81	7,153.96	183.13	183.78	-92.66	935.36	11,512.36	1,500.17	1,133.32	366.86	4.089	
17,600.00	7,082.04	17,611.81	7,153.60	184.79	185.44	-92.66	936.00	11,612.36	1,500.37	1,130.19	370.18	4.053	
17,700.00	7,081.69	17,711.81	7,153.24	186.46	187.10	-92.66	936.64	11,712.35	1,500.56	1,127.06	373.50	4.018	
17,800.00	7,081.34	17,811.81	7,152.88	188.12	188.76	-92.66	937.28	11,812.35	1,500.76	1,123.94	376.82	3.983	
17,900.00	7,080.99	17,911.81	7,152.52	189.78	190.42	-92.65	937.91	11,912.35	1,500.96	1,120.81	380.15	3.948	
17,997.31	7,080.65	18,009.12	7,152.17	191.40	192.04	-92.65	938.54	12,009.66	1,501.15	1,117.77	383.38	3.916 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
0.00	0.00	0.00	0.00	3.28	3.28	90.17	-3.26	1,079.67	1,079.68				
100.00	100.00	100.00	100.00	3.28	3.28	90.17	-3.26	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	90.17	-3.26	1,079.67	1,079.68	1,072.10	7.57	142.552	
300.00	299.98	287.65	287.65	3.35	3.34	-29.73	-3.13	1,079.89	1,078.45	1,070.79	7.65	140.933	
400.00	399.84	362.90	362.87	3.41	3.39	-29.91	-2.16	1,081.61	1,076.19	1,068.44	7.75	138.798	
500.00	499.45	438.00	437.86	3.50	3.45	-30.22	-0.23	1,085.04	1,073.23	1,065.34	7.89	136.072	
600.00	598.70	512.87	512.50	3.61	3.52	-30.65	2.66	1,090.17	1,069.60	1,061.54	8.05	132.793	
700.00	697.47	587.42	586.64	3.77	3.60	-31.22	6.49	1,096.96	1,065.37	1,057.11	8.26	128.999	
800.00	795.83	661.66	660.24	3.96	3.70	-31.85	11.24	1,105.39	1,061.55	1,053.05	8.50	124.891	
900.00	894.18	735.70	733.38	4.19	3.82	-32.51	16.91	1,115.46	1,060.19	1,051.42	8.77	120.838	
903.36	897.48	738.18	735.82	4.20	3.83	-32.54	17.12	1,115.82	1,060.19	1,051.41	8.78	120.702 CC, ES	
1,000.00	992.53	822.41	804.07	4.44	3.98	-33.20	23.30	1,126.79	1,061.39	1,052.29	9.10	116.653	
1,100.00	1,090.88	905.84	900.43	4.71	4.17	-34.18	32.75	1,143.56	1,064.22	1,054.74	9.48	112.264	
1,200.00	1,189.23	1,004.10	996.78	5.00	4.41	-35.15	42.20	1,160.33	1,067.37	1,057.45	9.92	107.589	
1,300.00	1,287.58	1,102.36	1,093.13	5.31	4.67	-36.11	51.65	1,177.11	1,070.83	1,060.44	10.39	103.039	
1,400.00	1,385.94	1,200.61	1,189.48	5.62	4.95	-37.07	61.10	1,193.88	1,074.60	1,063.71	10.89	98.674	
1,500.00	1,484.29	1,301.13	1,285.83	5.95	5.25	-38.02	70.56	1,210.65	1,078.68	1,067.26	11.42	94.480	
1,600.00	1,582.64	1,402.88	1,382.18	6.29	5.57	-38.96	80.01	1,227.43	1,083.06	1,071.10	11.97	90.507	
1,700.00	1,680.99	1,504.62	1,478.53	6.63	5.90	-39.90	89.46	1,244.20	1,087.75	1,075.21	12.53	86.781	
1,800.00	1,779.34	1,593.64	1,574.89	6.98	6.20	-40.82	98.91	1,260.97	1,092.73	1,079.64	13.08	83.515	
1,900.00	1,877.69	1,708.11	1,671.24	7.18	6.60	-41.74	108.36	1,277.75	1,098.00	1,084.64	13.35	82.217	
2,000.00	1,976.04	1,809.85	1,767.59	7.22	6.94	-42.65	117.82	1,294.52	1,103.56	1,089.90	13.66	80.795	
2,100.00	2,074.39	1,888.40	1,863.94	7.28	7.09	-43.55	127.27	1,311.29	1,109.40	1,095.75	13.65	81.250	
2,200.00	2,172.74	1,986.66	1,960.29	7.35	7.15	-44.45	136.72	1,328.06	1,115.53	1,101.77	13.76	81.068	
2,300.00	2,271.09	2,084.92	2,056.64	7.45	7.21	-45.33	146.17	1,344.84	1,121.92	1,108.04	13.88	80.812	
2,400.00	2,369.44	2,183.17	2,152.99	7.55	7.29	-46.20	155.63	1,361.61	1,128.59	1,114.55	14.04	80.397	
2,500.00	2,467.79	2,281.43	2,249.35	7.68	7.38	-47.06	165.08	1,378.38	1,135.53	1,121.30	14.22	79.836	
2,600.00	2,566.15	2,379.68	2,345.70	7.81	7.48	-47.91	174.53	1,395.16	1,142.72	1,128.28	14.44	79.143	
2,700.00	2,664.50	2,477.94	2,442.05	7.96	7.60	-48.76	183.98	1,411.93	1,150.17	1,135.49	14.68	78.334	
2,800.00	2,762.85	2,576.20	2,538.40	8.12	7.73	-49.59	193.43	1,428.70	1,157.87	1,142.92	14.95	77.427	
2,900.00	2,861.20	2,674.45	2,634.75	8.30	7.88	-50.41	202.89	1,445.47	1,165.82	1,150.56	15.25	76.437	
3,000.00	2,959.55	2,772.71	2,731.10	8.48	8.04	-51.21	212.34	1,462.25	1,174.00	1,158.43	15.57	75.382	
3,100.00	3,057.90	2,870.97	2,827.45	8.68	8.21	-52.01	221.79	1,479.02	1,182.43	1,166.51	15.92	74.276	
3,200.00	3,156.25	2,969.22	2,923.81	8.89	8.39	-52.80	231.24	1,495.79	1,191.08	1,174.79	16.29	73.134	
3,300.00	3,254.60	3,067.48	3,020.16	9.10	8.58	-53.57	240.69	1,512.57	1,199.96	1,183.28	16.67	71.967	
3,400.00	3,352.95	3,165.73	3,116.51	9.32	8.78	-54.34	250.15	1,529.34	1,209.06	1,191.98	17.08	70.788	
3,500.00	3,451.30	3,263.99	3,212.86	9.56	8.99	-55.09	259.60	1,546.11	1,218.37	1,200.87	17.50	69.605	
3,600.00	3,549.65	3,362.25	3,309.21	9.79	9.21	-55.83	269.05	1,562.89	1,227.90	1,209.95	17.94	68.426	
3,700.00	3,648.00	3,460.50	3,405.56	10.04	9.43	-56.56	278.50	1,579.66	1,237.63	1,219.23	18.40	67.259	
3,800.00	3,746.36	3,558.76	3,501.91	10.29	9.66	-57.28	287.95	1,596.43	1,247.57	1,228.69	18.87	66.109	
3,900.00	3,844.71	3,657.01	3,598.27	10.55	9.90	-57.99	297.41	1,613.20	1,257.70	1,238.34	19.36	64.980	
4,000.00	3,943.06	3,755.27	3,694.62	10.81	10.15	-58.69	306.86	1,629.98	1,268.02	1,248.17	19.85	63.876	
4,100.00	4,041.41	3,853.53	3,790.97	11.08	10.40	-59.37	316.31	1,646.75	1,278.53	1,258.17	20.36	62.800	
4,200.00	4,139.76	3,951.78	3,887.32	11.35	10.65	-60.05	325.76	1,663.52	1,289.22	1,268.34	20.88	61.754	
4,300.00	4,238.11	4,050.04	3,983.67	11.63	10.91	-60.71	335.21	1,680.30	1,300.09	1,278.68	21.40	60.738	
4,400.00	4,336.46	4,148.30	4,080.02	11.91	11.18	-61.37	344.67	1,697.07	1,311.13	1,289.19	21.94	59.755	
4,500.00	4,434.81	4,246.55	4,176.37	12.20	11.45	-62.01	354.12	1,713.84	1,322.34	1,299.86	22.49	58.803	
4,600.00	4,533.16	4,344.81	4,272.73	12.48	11.72	-62.64	363.57	1,730.62	1,333.72	1,310.68	23.04	57.884	
4,700.00	4,631.51	4,443.06	4,369.08	12.78	12.00	-63.26	373.02	1,747.39	1,345.26	1,321.66	23.60	56.997	
4,800.00	4,729.86	4,541.32	4,465.43	13.07	12.28	-63.87	382.47	1,764.16	1,356.95	1,332.78	24.17	56.141	
4,900.00	4,828.21	4,639.58	4,561.78	13.37	12.57	-64.47	391.93	1,780.93	1,368.80	1,344.06	24.74	55.317	
5,000.00	4,926.57	4,737.83	4,658.13	13.67	12.85	-65.06	401.38	1,797.71	1,380.80	1,355.47	25.33	54.523	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,836.09	4,754.48	13.97	13.14	-65.64	410.83	1,814.48	1,392.94	1,367.03	25.91	53.758	
5,200.00	5,123.27	4,934.34	4,850.83	14.28	13.44	-66.21	420.28	1,831.25	1,405.22	1,378.72	26.50	53.022	
5,300.00	5,221.62	5,032.60	4,947.19	14.59	13.73	-66.77	429.73	1,848.03	1,417.64	1,390.54	27.10	52.314	
5,400.00	5,319.97	5,130.86	5,043.54	14.90	14.03	-67.32	439.19	1,864.80	1,430.20	1,402.50	27.70	51.633	
5,500.00	5,418.32	5,229.11	5,139.89	15.21	14.33	-67.87	448.64	1,881.57	1,442.88	1,414.58	28.30	50.978	
5,600.00	5,516.67	5,327.37	5,236.24	15.52	14.63	-68.40	458.09	1,898.35	1,455.69	1,426.78	28.91	50.347	
5,700.00	5,615.02	5,425.63	5,332.59	15.84	14.94	-68.92	467.54	1,915.12	1,468.63	1,439.10	29.53	49.741	
5,800.00	5,713.37	5,523.88	5,428.94	16.15	15.24	-69.43	477.00	1,931.89	1,481.68	1,451.54	30.14	49.157	
5,900.00	5,811.72	5,622.14	5,525.29	16.47	15.55	-69.94	486.45	1,948.66	1,494.85	1,464.09	30.76	48.595	
6,000.00	5,910.07	5,720.39	5,621.65	16.79	15.86	-70.44	495.90	1,965.44	1,508.14	1,476.76	31.38	48.054	
6,100.00	6,008.42	5,818.64	5,718.90	17.11	16.17	-70.94	505.35	1,982.22	1,521.03	1,489.65	32.00	47.512	
6,200.00	6,106.77	5,916.99	5,816.25	17.43	16.48	-71.44	514.80	1,999.00	1,533.92	1,502.54	32.62	46.970	
6,300.00	6,205.13	6,015.34	5,914.60	17.76	16.79	-71.94	524.25	2,015.78	1,546.81	1,515.43	33.24	46.428	
6,400.00	6,303.48	6,113.69	6,012.96	18.08	17.10	-72.44	533.70	2,032.56	1,559.70	1,528.32	33.86	45.886	
6,500.00	6,401.83	6,212.04	6,111.31	18.41	17.41	-72.94	543.15	2,049.34	1,572.59	1,541.21	34.48	45.344	
6,600.00	6,500.18	6,310.39	6,209.66	18.73	17.72	-73.44	552.60	2,066.12	1,585.48	1,554.10	35.10	44.802	
6,700.00	6,598.49	6,408.74	6,308.01	19.06	18.03	-73.94	562.05	2,082.90	1,598.37	1,567.00	35.72	44.260	
6,800.00	6,696.85	6,507.09	6,406.36	19.38	18.34	-74.44	571.50	2,099.68	1,611.26	1,579.89	36.34	43.718	
6,900.00	6,795.20	6,605.44	6,504.71	19.71	18.65	-74.94	580.95	2,116.46	1,624.15	1,592.78	36.96	43.176	
7,000.00	6,893.55	6,703.79	6,603.06	20.03	18.96	-75.44	590.40	2,133.24	1,637.04	1,605.67	37.58	42.634	
7,100.00	6,991.90	6,802.14	6,701.41	20.36	19.27	-75.94	600.85	2,150.02	1,649.93	1,618.56	38.20	42.092	
7,200.00	7,090.25	6,900.49	6,800.00	20.68	19.58	-76.44	610.30	2,166.80	1,662.82	1,631.45	38.82	41.550	
7,300.00	7,188.60	7,000.00	6,898.35	21.01	19.89	-76.94	620.75	2,183.58	1,675.71	1,644.34	39.44	41.008	
7,400.00	7,286.95	7,100.00	6,996.70	21.33	20.20	-77.44	630.20	2,200.36	1,688.60	1,657.23	40.06	40.466	
7,500.00	7,385.30	7,200.00	7,095.05	21.66	20.51	-77.94	640.65	2,217.14	1,701.49	1,670.12	40.68	39.924	
7,600.00	7,483.65	7,300.00	7,193.40	21.98	20.82	-78.44	650.10	2,233.92	1,714.38	1,683.01	41.30	39.382	
7,700.00	7,582.00	7,400.00	7,291.75	22.31	21.13	-78.94	660.55	2,250.70	1,727.27	1,695.90	41.92	38.840	
7,800.00	7,680.35	7,500.00	7,390.10	22.63	21.44	-79.44	670.00	2,267.48	1,740.16	1,708.79	42.54	38.298	
7,900.00	7,778.70	7,600.00	7,488.45	22.96	21.75	-79.94	680.45	2,284.26	1,753.05	1,721.68	43.16	37.756	
8,000.00	7,877.05	7,700.00	7,586.80	23.28	22.06	-80.44	690.90	2,301.04	1,765.94	1,734.57	43.78	37.214	
8,100.00	7,975.40	7,800.00	7,685.15	23.61	22.37	-80.94	701.35	2,317.82	1,778.83	1,747.46	44.40	36.672	
8,200.00	8,073.75	7,900.00	7,783.50	23.93	22.68	-81.44	711.80	2,334.60	1,791.72	1,760.35	45.02	36.130	
8,300.00	8,172.10	8,000.00	7,881.85	24.26	22.99	-81.94	722.25	2,351.38	1,804.61	1,773.24	45.64	35.588	
8,400.00	8,270.45	8,100.00	7,980.20	24.58	23.30	-82.44	732.70	2,368.16	1,817.50	1,786.13	46.26	35.046	
8,500.00	8,368.80	8,200.00	8,078.55	24.91	23.61	-82.94	743.15	2,384.94	1,830.39	1,799.02	46.88	34.504	
8,600.00	8,467.15	8,300.00	8,176.90	25.23	23.92	-83.44	753.60	2,401.72	1,843.28	1,811.91	47.50	33.962	
8,700.00	8,565.50	8,400.00	8,275.25	25.56	24.23	-83.94	764.05	2,418.50	1,856.17	1,824.80	48.12	33.420	
8,800.00	8,663.85	8,500.00	8,373.60	25.88	24.54	-84.44	774.50	2,435.28	1,869.06	1,837.69	48.74	32.878	
8,900.00	8,762.20	8,600.00	8,472.00	26.21	24.85	-84.94	784.95	2,452.06	1,881.95	1,850.58	49.36	32.336	
9,000.00	8,860.55	8,700.00	8,570.35	26.53	25.16	-85.44	795.40	2,468.84	1,894.84	1,863.47	49.98	31.794	
9,100.00	8,958.90	8,800.00	8,668.70	26.86	25.47	-85.94	805.85	2,485.62	1,907.73	1,876.36	50.60	31.252	
9,200.00	9,057.25	8,900.00	8,767.05	27.18	25.78	-86.44	816.30	2,502.40	1,920.62	1,889.25	51.22	30.710	
9,300.00	9,155.60	9,000.00	8,865.40	27.51	26.09	-86.94	826.75	2,519.18	1,933.51	1,902.14	51.84	30.168	
9,400.00	9,253.95	9,100.00	8,963.75	27.83	26.40	-87.44	837.20	2,535.96	1,946.40	1,915.03	52.46	29.626	
9,500.00	9,352.30	9,200.00	9,062.10	28.16	26.71	-87.94	847.65	2,552.74	1,959.29	1,927.92	53.08	29.084	
9,600.00	9,450.65	9,300.00	9,160.45	28.48	27.02	-88.44	858.10	2,569.52	1,972.18	1,940.81	53.70	28.542	
9,700.00	9,549.00	9,400.00	9,258.80	28.81	27.33	-88.94	868.55	2,586.30	1,985.07	1,953.70	54.32	28.000	
9,800.00	9,647.35	9,500.00	9,357.15	29.13	27.64	-89.44	879.00	2,603.08	1,997.96	1,966.59	54.94	27.458	
9,900.00	9,745.70	9,600.00	9,455.50	29.46	27.95	-89.94	889.45	2,619.86	2,010.85	1,979.48	55.56	26.916	
10,000.00	9,844.05	9,700.00	9,553.85	29.78	28.26	-90.44	900.00	2,636.64	2,023.74	1,992.37	56.18	26.374	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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-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	7,108.22	6,600.00	6,486.12	61.47	18.29	-62.05	580.94	2,065.45	2,449.57	2,401.54	48.03	51.005	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.17	-3.25	1,099.44	1,099.44				
100.00	100.00	101.00	101.00	3.28	3.28	90.17	-3.25	1,099.44	1,099.44	1,091.91	7.53	146.029	
200.00	200.00	201.00	201.00	3.31	3.31	90.17	-3.25	1,099.44	1,099.44	1,091.87	7.57	145.156	
300.00	299.98	288.99	288.98	3.35	3.34	-29.74	-3.10	1,099.65	1,098.21	1,090.55	7.65	143.500	
400.00	399.84	365.36	365.33	3.41	3.39	-29.93	-1.87	1,101.31	1,095.83	1,088.07	7.76	141.285	
500.00	499.45	441.54	441.40	3.50	3.45	-30.26	0.55	1,104.58	1,092.60	1,084.71	7.89	138.438	
600.00	598.70	517.41	517.03	3.61	3.53	-30.74	4.16	1,109.46	1,088.58	1,080.51	8.06	135.007	
700.00	697.47	592.87	592.05	3.77	3.61	-31.35	8.94	1,115.91	1,083.83	1,075.56	8.27	131.038	
800.00	795.83	667.91	666.43	3.96	3.71	-32.04	14.85	1,123.90	1,079.40	1,070.88	8.52	126.732	
900.00	894.18	742.65	740.23	4.19	3.83	-32.77	21.88	1,133.41	1,077.33	1,068.53	8.80	122.467	
933.55	927.18	767.65	764.84	4.27	3.88	-33.03	24.49	1,136.93	1,077.19	1,068.29	8.90	121.051	CC, ES
1,000.00	992.53	817.02	813.32	4.44	3.97	-33.56	30.02	1,144.40	1,077.74	1,068.63	9.11	118.325	
1,100.00	1,090.88	903.69	898.13	4.71	4.16	-34.52	40.64	1,158.76	1,080.39	1,070.91	9.49	113.868	
1,200.00	1,189.23	1,001.39	993.69	5.00	4.41	-35.61	52.76	1,175.12	1,083.69	1,073.75	9.94	109.075	
1,300.00	1,287.58	1,099.10	1,089.25	5.31	4.67	-36.70	64.87	1,191.49	1,087.39	1,076.98	10.41	104.416	
1,400.00	1,385.94	1,203.20	1,184.81	5.62	4.98	-37.77	76.98	1,207.86	1,091.50	1,080.56	10.94	99.812	
1,500.00	1,484.29	1,305.50	1,280.36	5.95	5.30	-38.84	89.10	1,224.23	1,096.00	1,084.52	11.48	95.488	
1,600.00	1,582.64	1,407.80	1,375.92	6.29	5.63	-39.90	101.21	1,240.60	1,100.90	1,088.86	12.04	91.442	
1,700.00	1,680.99	1,489.91	1,471.48	6.63	5.91	-40.95	113.32	1,256.97	1,106.19	1,093.63	12.57	88.033	
1,800.00	1,779.34	1,587.61	1,567.03	6.98	6.25	-41.99	125.44	1,273.34	1,111.86	1,098.71	13.15	84.564	
1,900.00	1,877.69	1,685.31	1,662.59	7.18	6.59	-43.02	137.55	1,289.71	1,117.91	1,104.53	13.38	83.535	
2,000.00	1,976.04	1,783.02	1,758.15	7.22	6.94	-44.04	149.66	1,306.08	1,124.33	1,110.64	13.70	82.092	
2,100.00	2,074.39	1,880.72	1,853.71	7.28	7.17	-45.05	161.78	1,322.44	1,131.12	1,117.37	13.75	82.287	
2,200.00	2,172.74	1,978.42	1,949.26	7.35	7.25	-46.04	173.89	1,338.81	1,138.26	1,124.40	13.86	82.110	
2,300.00	2,271.09	2,076.13	2,044.82	7.45	7.31	-47.03	186.00	1,355.18	1,145.76	1,131.78	13.98	81.931	
2,400.00	2,369.44	2,173.83	2,140.38	7.55	7.38	-48.00	198.12	1,371.55	1,153.60	1,139.46	14.14	81.595	
2,500.00	2,467.79	2,271.53	2,235.94	7.68	7.48	-48.95	210.23	1,387.92	1,161.78	1,147.46	14.32	81.113	
2,600.00	2,566.15	2,369.23	2,331.49	7.81	7.59	-49.90	222.34	1,404.29	1,170.29	1,155.75	14.54	80.500	
2,700.00	2,664.50	2,466.94	2,427.05	7.96	7.71	-50.83	234.46	1,420.66	1,179.12	1,164.34	14.78	79.772	
2,800.00	2,762.85	2,564.64	2,522.61	8.12	7.84	-51.75	246.57	1,437.03	1,188.27	1,173.22	15.05	78.943	
2,900.00	2,861.20	2,662.34	2,618.16	8.30	7.99	-52.65	258.68	1,453.40	1,197.73	1,182.39	15.35	78.032	
3,000.00	2,959.55	2,760.05	2,713.72	8.48	8.16	-53.54	270.80	1,469.76	1,207.50	1,191.83	15.67	77.053	
3,100.00	3,057.90	2,857.75	2,809.28	8.68	8.33	-54.42	282.91	1,486.13	1,217.55	1,201.54	16.02	76.022	
3,200.00	3,156.25	2,955.45	2,904.84	8.89	8.51	-55.28	295.02	1,502.50	1,227.90	1,211.52	16.38	74.952	
3,300.00	3,254.60	3,053.15	3,000.39	9.10	8.71	-56.13	307.14	1,518.87	1,238.52	1,221.75	16.77	73.856	
3,400.00	3,352.95	3,150.86	3,095.95	9.32	8.91	-56.96	319.25	1,535.24	1,249.42	1,232.24	17.18	72.744	
3,500.00	3,451.30	3,248.56	3,191.51	9.56	9.13	-57.78	331.37	1,551.61	1,260.58	1,242.98	17.60	71.627	
3,600.00	3,549.65	3,346.26	3,287.07	9.79	9.35	-58.59	343.48	1,567.98	1,272.01	1,253.97	18.04	70.511	
3,700.00	3,648.00	3,443.97	3,382.62	10.04	9.58	-59.38	355.59	1,584.35	1,283.68	1,265.19	18.50	69.405	
3,800.00	3,746.36	3,541.67	3,478.18	10.29	9.81	-60.16	367.71	1,600.72	1,295.60	1,276.64	18.97	68.313	
3,900.00	3,844.71	3,639.37	3,573.74	10.55	10.06	-60.92	379.82	1,617.08	1,307.76	1,288.31	19.45	67.240	
4,000.00	3,943.06	3,737.08	3,669.29	10.81	10.31	-61.67	391.93	1,633.45	1,320.15	1,300.21	19.94	66.190	
4,100.00	4,041.41	3,834.78	3,764.85	11.08	10.56	-62.41	404.05	1,649.82	1,332.77	1,312.32	20.45	65.166	
4,200.00	4,139.76	3,932.48	3,860.41	11.35	10.82	-63.13	416.16	1,666.19	1,345.60	1,324.63	20.97	64.169	
4,300.00	4,238.11	4,030.18	3,955.97	11.63	11.09	-63.84	428.27	1,682.56	1,358.65	1,337.16	21.50	63.201	
4,400.00	4,336.46	4,127.89	4,051.52	11.91	11.36	-64.54	440.39	1,698.93	1,371.91	1,349.87	22.03	62.263	
4,500.00	4,434.81	4,225.59	4,147.08	12.20	11.63	-65.22	452.50	1,715.30	1,385.36	1,362.79	22.58	61.355	
4,600.00	4,533.16	4,323.29	4,242.64	12.48	11.91	-65.89	464.61	1,731.67	1,399.02	1,375.88	23.13	60.478	
4,700.00	4,631.51	4,421.00	4,338.19	12.78	12.20	-66.55	476.73	1,748.04	1,412.86	1,389.16	23.69	59.631	
4,800.00	4,729.86	4,518.70	4,433.75	13.07	12.48	-67.20	488.84	1,764.40	1,426.88	1,402.62	24.26	58.815	
4,900.00	4,828.21	4,616.40	4,529.31	13.37	12.77	-67.83	500.95	1,780.77	1,441.09	1,416.25	24.83	58.028	
5,000.00	4,926.57	4,714.10	4,624.87	13.67	13.06	-68.45	513.07	1,797.14	1,455.47	1,430.05	25.41	57.270	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,811.81	4,720.42	13.97	13.36	-69.06	525.18	1,813.51	1,470.01	1,444.01	26.00	56.540		
5,200.00	5,123.27	4,909.51	4,815.98	14.28	13.66	-69.66	537.29	1,829.88	1,484.72	1,458.13	26.59	55.838		
5,300.00	5,221.62	5,007.21	4,911.54	14.59	13.96	-70.24	549.41	1,846.25	1,499.59	1,472.40	27.19	55.162		
5,400.00	5,319.97	5,104.92	5,007.10	14.90	14.26	-70.82	561.52	1,862.62	1,514.61	1,486.82	27.79	54.512		
5,500.00	5,418.32	5,202.62	5,102.65	15.21	14.57	-71.38	573.63	1,878.99	1,529.78	1,501.39	28.39	53.886		
5,600.00	5,516.67	5,300.32	5,198.21	15.52	14.87	-71.93	585.75	1,895.36	1,545.10	1,516.10	29.00	53.284		
5,700.00	5,615.02	5,401.98	5,293.77	15.84	15.20	-72.47	597.86	1,911.72	1,560.55	1,530.93	29.62	52.684		
5,800.00	5,713.37	5,504.27	5,389.32	16.15	15.52	-73.01	609.98	1,928.09	1,576.15	1,545.90	30.25	52.105		
5,900.00	5,811.72	5,606.57	5,484.88	16.47	15.85	-73.53	622.09	1,944.46	1,591.87	1,560.99	30.88	51.547		
6,000.00	5,910.07	5,708.87	5,580.44	16.79	16.18	-74.04	634.20	1,960.83	1,607.73	1,576.21	31.52	51.010		
6,100.00	6,008.42	5,788.84	5,676.00	17.11	16.44	-74.54	646.32	1,977.20	1,623.71	1,591.62	32.09	50.599		
6,200.00	6,106.78	5,886.54	5,771.55	17.43	16.75	-75.03	658.43	1,993.57	1,639.81	1,607.09	32.72	50.121		
6,300.00	6,205.13	5,984.89	5,867.00	17.76	17.06	-75.52	670.54	2,009.94	1,655.90	1,623.16	33.35	49.643		
6,400.00	6,303.48	6,084.88	5,967.57	18.08	17.38	-76.01	682.65	2,026.31	1,672.03	1,639.03	33.98	49.165		
6,500.00	6,401.83	6,184.88	6,057.57	18.41	17.70	-76.50	694.76	2,042.68	1,688.90	1,654.90	34.61	48.687		
6,600.00	6,500.18	6,284.88	6,148.57	18.73	18.02	-77.00	706.87	2,059.05	1,705.77	1,671.77	35.24	48.209		
6,700.00	6,598.49	6,384.88	6,239.57	19.06	18.34	-77.49	718.98	2,075.42	1,722.64	1,688.64	35.87	47.731		
6,800.00	6,696.84	6,484.88	6,339.57	19.38	18.66	-77.98	731.09	2,091.79	1,739.51	1,705.51	36.50	47.253		
6,900.00	6,795.19	6,584.88	6,439.57	19.71	18.98	-78.47	743.20	2,108.16	1,756.38	1,722.38	37.13	46.775		
7,000.00	6,893.54	6,684.88	6,539.57	20.03	19.30	-78.96	755.31	2,124.53	1,773.25	1,739.25	37.76	46.297		
7,100.00	6,991.89	6,784.88	6,639.57	20.36	19.62	-79.45	767.42	2,140.90	1,790.12	1,756.12	38.39	45.819		
7,200.00	7,090.24	6,884.88	6,739.57	20.68	19.94	-80.00	779.53	2,157.27	1,806.99	1,773.00	39.02	45.341		
7,300.00	7,188.59	6,984.88	6,839.57	21.01	20.26	-80.50	791.64	2,173.64	1,823.86	1,789.86	39.65	44.863		
7,400.00	7,286.94	7,084.88	6,939.57	21.33	20.58	-81.00	803.75	2,190.01	1,840.73	1,806.73	40.28	44.385		
7,500.00	7,385.29	7,184.88	7,039.57	21.66	20.90	-81.50	815.86	2,206.38	1,857.60	1,823.60	40.91	43.907		
7,600.00	7,483.64	7,284.88	7,139.57	21.98	21.22	-82.00	827.97	2,222.75	1,874.47	1,840.47	41.54	43.429		
7,700.00	7,581.99	7,384.88	7,239.57	22.31	21.54	-82.50	840.08	2,239.12	1,891.34	1,857.34	42.17	42.951		
7,800.00	7,680.34	7,484.88	7,339.57	22.63	21.86	-83.00	852.19	2,255.49	1,908.21	1,874.21	42.80	42.473		
7,900.00	7,778.69	7,584.88	7,439.57	22.96	22.18	-83.50	864.30	2,271.86	1,925.08	1,891.08	43.43	41.995		
8,000.00	7,877.04	7,684.88	7,539.57	23.28	22.50	-84.00	876.41	2,288.23	1,941.95	1,907.95	44.06	41.517		
8,100.00	7,975.39	7,784.88	7,639.57	23.61	22.82	-84.50	888.52	2,304.60	1,958.82	1,924.82	44.69	41.039		
8,200.00	8,073.74	7,884.88	7,739.57	23.93	23.14	-85.00	900.63	2,320.97	1,975.69	1,941.69	45.32	40.561		
8,300.00	8,172.09	7,984.88	7,839.57	24.26	23.46	-85.50	912.74	2,337.34	1,992.56	1,958.56	45.95	40.083		
8,400.00	8,270.44	8,084.88	7,939.57	24.58	23.78	-86.00	924.85	2,353.71	2,009.43	1,975.43	46.58	39.605		
8,500.00	8,368.79	8,184.88	8,039.57	24.91	24.10	-86.50	936.96	2,370.08	2,026.30	1,992.30	47.21	39.127		
8,600.00	8,467.14	8,284.88	8,139.57	25.23	24.42	-87.00	949.07	2,386.45	2,043.17	2,009.17	47.84	38.649		
8,700.00	8,565.49	8,384.88	8,239.57	25.56	24.74	-87.50	961.18	2,402.82	2,060.04	2,026.04	48.47	38.171		
8,800.00	8,663.84	8,484.88	8,339.57	25.88	25.06	-88.00	973.29	2,419.19	2,076.91	2,042.91	49.10	37.693		
8,900.00	8,762.19	8,584.88	8,439.57	26.21	25.38	-88.50	985.40	2,435.56	2,093.78	2,059.78	49.73	37.215		
9,000.00	8,860.54	8,684.88	8,539.57	26.53	25.70	-89.00	997.51	2,451.93	2,110.65	2,076.65	50.36	36.737		
9,100.00	8,958.89	8,784.88	8,639.57	26.86	26.02	-89.50	1,009.62	2,468.30	2,127.52	2,093.52	50.99	36.259		
9,200.00	9,057.24	8,884.88	8,739.57	27.18	26.34	-90.00	1,021.73	2,484.67	2,144.39	2,110.39	51.62	35.781		
9,300.00	9,155.59	8,984.88	8,839.57	27.51	26.66	-90.50	1,033.84	2,501.04	2,161.26	2,127.26	52.25	35.303		
9,400.00	9,253.94	9,084.88	8,939.57	27.83	26.98	-91.00	1,045.95	2,517.41	2,178.13	2,144.13	52.88	34.825		
9,500.00	9,352.29	9,184.88	9,039.57	28.16	27.30	-91.50	1,058.06	2,533.78	2,194.50	2,160.50	53.51	34.347		
9,600.00	9,450.64	9,284.88	9,139.57	28.48	27.62	-92.00	1,070.17	2,550.15	2,210.87	2,176.87	54.14	33.869		
9,700.00	9,548.99	9,384.88	9,239.57	28.81	27.94	-92.50	1,082.28	2,566.52	2,227.24	2,193.24	54.77	33.391		
9,800.00	9,647.34	9,484.88	9,339.57	29.13	28.26	-93.00	1,094.39	2,582.89	2,243.61	2,209.61	55.40	32.913		
9,900.00	9,745.69	9,584.88	9,439.57	29.46	28.58	-93.50	1,106.50	2,599.26	2,260.00	2,226.00	56.03	32.435		
10,000.00	9,844.04	9,684.88	9,539.57	29.78	28.90	-94.00	1,118.61	2,615.63	2,276.37	2,242.37	56.66	31.957		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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-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
10,100.00	7,108.22	6,700.00	6,569.10	61.47	19.19	-68.15	759.73	2,098.59	2,494.54	2,442.05	52.49	47.526	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.18	-3.61	1,119.48	1,119.49				
100.00	100.00	101.00	101.00	3.28	3.28	90.18	-3.61	1,119.48	1,119.49	1,111.96	7.53	148.691	
200.00	200.00	201.00	201.00	3.31	3.31	90.18	-3.61	1,119.48	1,119.49	1,111.92	7.57	147.803	
300.00	299.98	289.60	289.60	3.35	3.34	-29.72	-3.43	1,119.69	1,118.23	1,110.58	7.65	146.108	
400.00	399.84	367.16	367.13	3.41	3.39	-29.93	-2.00	1,121.25	1,115.71	1,107.95	7.76	143.810	
500.00	499.45	444.48	444.33	3.50	3.45	-30.28	0.84	1,124.35	1,112.19	1,104.30	7.90	140.840	
600.00	598.70	521.43	521.02	3.61	3.53	-30.79	5.06	1,128.96	1,107.74	1,099.67	8.07	137.251	
700.00	697.47	600.00	599.13	3.77	3.62	-31.46	10.80	1,135.24	1,102.46	1,094.17	8.29	133.042	
800.00	795.83	673.78	672.23	3.96	3.72	-32.17	17.50	1,142.57	1,097.36	1,088.83	8.53	128.590	
900.00	894.18	749.31	746.79	4.19	3.85	-32.96	25.68	1,151.51	1,094.53	1,085.71	8.82	124.106	
967.50	960.57	800.00	796.63	4.36	3.94	-33.53	31.91	1,158.32	1,093.97	1,084.94	9.03	121.149 CC, ES	
1,000.00	992.53	824.38	820.54	4.44	3.99	-33.81	35.12	1,161.83	1,094.10	1,084.96	9.14	119.729	
1,100.00	1,090.88	900.70	893.75	4.71	4.16	-34.71	45.84	1,173.54	1,096.14	1,086.65	9.49	115.483	
1,200.00	1,189.23	1,003.62	988.37	5.00	4.42	-35.92	60.52	1,189.60	1,099.67	1,089.71	9.96	110.425	
1,300.00	1,287.58	1,106.54	1,082.98	5.31	4.71	-37.11	75.21	1,205.65	1,103.71	1,093.25	10.46	105.512	
1,400.00	1,385.94	1,209.46	1,177.59	5.62	5.02	-38.30	89.89	1,221.70	1,108.25	1,097.26	10.99	100.821	
1,500.00	1,484.29	1,287.62	1,272.20	5.95	5.28	-39.47	104.58	1,237.75	1,113.29	1,101.80	11.48	96.946	
1,600.00	1,582.64	1,384.71	1,366.81	6.29	5.60	-40.64	119.26	1,253.80	1,118.82	1,106.77	12.04	92.899	
1,700.00	1,680.99	1,481.79	1,461.43	6.63	5.94	-41.80	133.95	1,269.86	1,124.83	1,112.21	12.62	89.134	
1,800.00	1,779.34	1,578.87	1,556.04	6.98	6.29	-42.94	148.63	1,285.91	1,131.32	1,118.11	13.21	85.625	
1,900.00	1,877.69	1,675.95	1,650.65	7.18	6.65	-44.07	163.32	1,301.96	1,138.28	1,124.83	13.46	84.590	
2,000.00	1,976.04	1,773.03	1,745.26	7.22	7.02	-45.19	178.00	1,318.01	1,145.70	1,131.92	13.78	83.151	
2,100.00	2,074.39	1,870.11	1,839.88	7.28	7.27	-46.29	192.69	1,334.07	1,153.57	1,139.73	13.85	83.302	
2,200.00	2,172.74	1,967.19	1,934.49	7.35	7.37	-47.38	207.37	1,350.12	1,161.89	1,147.91	13.98	83.112	
2,300.00	2,271.09	2,064.28	2,029.10	7.45	7.43	-48.45	222.06	1,366.17	1,170.63	1,156.53	14.10	83.025	
2,400.00	2,369.44	2,161.36	2,123.71	7.55	7.51	-49.51	236.74	1,382.22	1,179.80	1,165.55	14.25	82.781	
2,500.00	2,467.79	2,258.44	2,218.33	7.68	7.61	-50.55	251.43	1,398.28	1,189.38	1,174.94	14.44	82.392	
2,600.00	2,566.15	2,355.52	2,312.94	7.81	7.72	-51.58	266.11	1,414.33	1,199.36	1,184.71	14.65	81.872	
2,700.00	2,664.50	2,452.60	2,407.55	7.96	7.84	-52.59	280.80	1,430.38	1,209.74	1,194.85	14.89	81.235	
2,800.00	2,762.85	2,549.68	2,502.16	8.12	7.98	-53.58	295.48	1,446.43	1,220.50	1,205.34	15.16	80.497	
2,900.00	2,861.20	2,646.76	2,596.77	8.30	8.14	-54.56	310.17	1,462.49	1,231.63	1,216.17	15.46	79.673	
3,000.00	2,959.55	2,743.85	2,691.39	8.48	8.31	-55.51	324.85	1,478.54	1,243.13	1,227.35	15.78	78.780	
3,100.00	3,057.90	2,840.93	2,786.00	8.68	8.48	-56.46	339.54	1,494.59	1,254.98	1,238.85	16.12	77.832	
3,200.00	3,156.25	2,938.01	2,880.61	8.89	8.68	-57.38	354.22	1,510.64	1,267.17	1,250.68	16.49	76.842	
3,300.00	3,254.60	3,035.09	2,975.22	9.10	8.88	-58.29	368.91	1,526.70	1,279.69	1,262.82	16.88	75.823	
3,400.00	3,352.95	3,132.17	3,069.84	9.32	9.09	-59.18	383.59	1,542.75	1,292.54	1,275.26	17.28	74.785	
3,500.00	3,451.30	3,229.25	3,164.45	9.56	9.31	-60.05	398.28	1,558.80	1,305.71	1,288.00	17.71	73.739	
3,600.00	3,549.65	3,326.34	3,259.06	9.79	9.53	-60.91	412.96	1,574.85	1,319.18	1,301.03	18.15	72.691	
3,700.00	3,648.00	3,423.42	3,353.67	10.04	9.77	-61.75	427.65	1,590.90	1,332.94	1,314.33	18.60	71.650	
3,800.00	3,746.36	3,520.50	3,448.29	10.29	10.01	-62.57	442.33	1,606.96	1,346.99	1,327.91	19.07	70.620	
3,900.00	3,844.71	3,617.58	3,542.90	10.55	10.26	-63.38	457.02	1,623.01	1,361.32	1,341.76	19.56	69.606	
4,000.00	3,943.06	3,714.66	3,637.51	10.81	10.52	-64.17	471.70	1,639.06	1,375.91	1,355.86	20.05	68.613	
4,100.00	4,041.41	3,811.74	3,732.12	11.08	10.78	-64.94	486.39	1,655.11	1,390.77	1,370.21	20.56	67.642	
4,200.00	4,139.76	3,908.82	3,826.74	11.35	11.05	-65.70	501.07	1,671.17	1,405.88	1,384.80	21.08	66.697	
4,300.00	4,238.11	4,005.91	3,921.35	11.63	11.32	-66.44	515.76	1,687.22	1,421.23	1,399.62	21.61	65.778	
4,400.00	4,336.46	4,102.99	4,015.96	11.91	11.60	-67.17	530.44	1,703.27	1,436.82	1,414.68	22.14	64.886	
4,500.00	4,434.81	4,200.07	4,110.57	12.20	11.89	-67.88	545.13	1,719.32	1,452.64	1,429.95	22.69	64.023	
4,600.00	4,533.16	4,302.85	4,205.18	12.48	12.19	-68.58	559.81	1,735.38	1,468.68	1,445.42	23.26	63.147	
4,700.00	4,631.51	4,394.23	4,299.80	12.78	12.46	-69.26	574.50	1,751.43	1,484.93	1,461.13	23.80	62.382	
4,800.00	4,729.86	4,508.69	4,394.41	13.07	12.81	-69.93	589.18	1,767.48	1,501.39	1,476.97	24.42	61.484	
4,900.00	4,828.21	4,588.39	4,489.02	13.37	13.05	-70.58	603.87	1,783.53	1,518.05	1,493.11	24.95	60.854	
5,000.00	4,926.57	4,685.48	4,583.63	13.67	13.35	-71.22	618.55	1,799.59	1,534.91	1,509.38	25.53	60.132	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,782.56	4,678.25	13.97	13.66	-71.85	633.23	1,815.64	1,551.95	1,525.84	26.11	59.436		
5,200.00	5,123.27	4,879.64	4,772.86	14.28	13.96	-72.46	647.92	1,831.69	1,569.17	1,542.47	26.70	58.766		
5,300.00	5,221.62	4,976.72	4,867.47	14.59	14.27	-73.06	662.60	1,847.74	1,586.57	1,559.27	27.30	58.121		
5,400.00	5,319.97	5,073.80	4,962.08	14.90	14.58	-73.65	677.29	1,863.80	1,604.14	1,576.24	27.90	57.500		
5,500.00	5,418.32	5,170.88	5,056.70	15.21	14.89	-74.23	691.97	1,879.85	1,621.88	1,593.37	28.50	56.903		
5,600.00	5,516.67	5,267.97	5,151.31	15.52	15.21	-74.79	706.66	1,895.90	1,639.77	1,610.66	29.11	56.328		
5,700.00	5,615.02	5,365.05	5,245.92	15.84	15.53	-75.34	721.34	1,911.95	1,657.81	1,628.09	29.72	55.775		
5,800.00	5,713.37	5,462.13	5,340.53	16.15	15.85	-75.88	736.03	1,928.00	1,676.01	1,645.67	30.34	55.243		
5,900.00	5,811.72	5,559.21	5,435.14	16.47	16.17	-76.41	750.71	1,944.06	1,694.35	1,663.39	30.96	54.731		
6,000.00	5,910.07	5,656.29	5,529.76	16.79	16.49	-76.92	765.40	1,960.11	1,712.83	1,681.25	31.58	54.238		
6,100.00	6,008.42	5,753.37	5,624.37	17.11	16.81	-77.43	780.08	1,976.16	1,731.44	1,699.24	32.21	53.763		
6,200.00	6,106.78	5,850.45	5,718.98	17.43	17.14	-77.92	794.77	1,992.21	1,750.19	1,717.35	32.83	53.306		
6,300.00	6,205.13	5,947.54	5,813.59	17.76	17.46	-78.41	809.45	2,008.27	1,769.06	1,735.59	33.46	52.866		
6,400.00	6,303.48	6,044.62	5,908.21	18.08	17.79	-78.88	824.14	2,024.32	1,788.05	1,753.95	34.10	52.442		
6,500.00	6,401.83	6,141.70	6,006.30	18.41	18.11	-79.35	838.83	2,040.37	1,806.10	1,770.00	34.74	51.999		
6,600.00	6,500.18	6,238.77	6,103.37	18.73	18.43	-79.82	853.52	2,056.42	1,824.15	1,788.05	35.38	51.556		
6,700.00	6,598.49	6,335.84	6,200.44	19.06	18.76	-80.29	868.21	2,072.47	1,842.20	1,806.10	36.02	51.113		
6,800.00	6,696.84	6,432.91	6,297.51	19.38	19.08	-80.76	882.90	2,088.52	1,860.25	1,824.15	36.66	50.670		
6,900.00	6,795.19	6,530.00	6,394.60	19.71	19.41	-81.23	897.59	2,104.57	1,878.30	1,842.20	37.30	50.227		
7,000.00	6,893.54	6,627.07	6,491.67	20.03	19.73	-81.70	912.28	2,120.62	1,896.35	1,860.25	37.94	49.784		
7,100.00	6,991.89	6,724.14	6,588.74	20.36	20.06	-82.17	926.97	2,136.67	1,914.40	1,878.30	38.58	49.341		
7,200.00	7,090.24	6,821.21	6,685.81	20.68	20.38	-82.64	941.66	2,152.72	1,932.45	1,896.35	39.22	48.898		
7,300.00	7,188.59	6,918.28	6,782.88	21.01	20.71	-83.11	956.35	2,168.77	1,950.50	1,914.40	39.86	48.455		
7,400.00	7,286.94	7,015.35	6,879.95	21.33	21.03	-83.58	971.04	2,184.82	1,968.55	1,932.45	40.50	48.012		
7,500.00	7,385.29	7,112.42	6,977.02	21.66	21.36	-84.05	985.73	2,200.87	1,986.60	1,950.50	41.14	47.569		
7,600.00	7,483.64	7,209.49	7,074.09	21.98	21.68	-84.52	1,000.42	2,216.92	2,004.65	1,968.55	41.78	47.126		
7,700.00	7,581.99	7,306.56	7,171.16	22.31	22.01	-84.99	1,015.11	2,232.97	2,022.70	1,986.60	42.42	46.683		
7,800.00	7,680.34	7,403.63	7,268.23	22.63	22.33	-85.46	1,029.80	2,248.97	2,040.75	2,004.65	43.06	46.240		
7,900.00	7,778.69	7,500.70	7,365.30	22.96	22.66	-85.93	1,044.49	2,264.97	2,058.80	2,022.70	43.70	45.797		
8,000.00	7,877.04	7,597.77	7,462.37	23.28	22.98	-86.40	1,059.18	2,280.97	2,076.85	2,040.75	44.34	45.354		
8,100.00	7,975.39	7,694.84	7,559.44	23.61	23.31	-86.87	1,073.87	2,296.97	2,094.90	2,058.80	44.98	44.911		
8,200.00	8,073.74	7,791.91	7,656.51	23.93	23.63	-87.34	1,088.56	2,312.97	2,112.95	2,076.85	45.62	44.468		
8,300.00	8,172.09	7,888.98	7,753.58	24.26	23.96	-87.81	1,103.25	2,328.97	2,130.95	2,094.90	46.26	44.025		
8,400.00	8,270.44	7,986.05	7,850.65	24.58	24.28	-88.28	1,117.94	2,344.97	2,148.95	2,112.95	46.90	43.582		
8,500.00	8,368.79	8,083.12	7,947.72	24.91	24.61	-88.75	1,132.63	2,360.97	2,166.95	2,130.95	47.54	43.139		
8,600.00	8,467.14	8,180.19	8,044.79	25.23	24.93	-89.22	1,147.32	2,376.97	2,184.95	2,148.95	48.18	42.696		
8,700.00	8,565.49	8,277.26	8,141.86	25.56	25.26	-89.69	1,162.01	2,392.97	2,202.95	2,166.95	48.82	42.253		
8,800.00	8,663.84	8,374.33	8,238.93	25.88	25.58	-90.16	1,176.70	2,408.97	2,220.95	2,184.95	49.46	41.810		
8,900.00	8,762.19	8,471.40	8,336.00	26.21	25.91	-90.63	1,191.39	2,424.97	2,238.95	2,202.95	50.10	41.367		
9,000.00	8,860.54	8,568.47	8,433.07	26.53	26.23	-91.10	1,206.08	2,440.97	2,256.95	2,220.95	50.74	40.924		
9,100.00	8,958.89	8,665.54	8,530.14	26.86	26.56	-91.57	1,220.77	2,456.97	2,274.95	2,238.95	51.38	40.481		
9,200.00	9,057.24	8,762.61	8,627.21	27.18	26.88	-92.04	1,235.46	2,472.97	2,292.95	2,256.95	52.02	40.038		
9,300.00	9,155.59	8,859.68	8,724.28	27.51	27.21	-92.51	1,250.15	2,488.97	2,310.95	2,274.95	52.66	39.595		
9,400.00	9,253.94	8,956.75	8,821.35	27.83	27.53	-92.98	1,264.84	2,504.97	2,328.95	2,292.95	53.30	39.152		
9,500.00	9,352.29	9,053.82	8,918.42	28.16	27.86	-93.45	1,279.53	2,520.97	2,346.95	2,310.95	53.94	38.709		
9,600.00	9,450.64	9,150.89	9,015.49	28.48	28.18	-93.92	1,294.22	2,536.97	2,364.95	2,328.95	54.58	38.266		
9,700.00	9,548.99	9,247.96	9,112.56	28.81	28.51	-94.39	1,308.91	2,552.97	2,382.95	2,346.95	55.22	37.823		
9,800.00	9,647.34	9,345.03	9,209.63	29.13	28.83	-94.86	1,323.60	2,568.97	2,400.95	2,364.95	55.86	37.380		
9,900.00	9,745.69	9,442.10	9,306.70	29.46	29.16	-95.33	1,338.29	2,584.97	2,418.95	2,382.95	56.50	36.937		
10,000.00	9,844.04	9,539.17	9,403.77	29.78	29.48	-95.80	1,352.98	2,600.97	2,436.95	2,400.95	57.14	36.494		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
0.00	0.00	0.00	0.00	3.28	3.28	90.15	-2.53	999.49	999.49				
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	999.49	999.49	991.96	7.53	132.755	
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	999.49	999.49	991.92	7.57	131.966	
300.00	299.98	300.02	299.98	3.35	3.35	-29.77	-2.53	999.49	997.98	990.32	7.66	130.282	
400.00	399.84	400.16	399.84	3.41	3.42	-29.96	-2.53	999.49	993.44	985.65	7.79	127.544	
500.00	499.45	500.55	499.45	3.50	3.50	-30.29	-2.53	999.49	985.89	977.93	7.96	123.792	
600.00	598.70	601.30	598.70	3.61	3.61	-30.76	-2.53	999.49	975.37	967.19	8.19	119.160	
700.00	697.47	702.53	697.47	3.77	3.74	-31.38	-2.53	999.49	961.93	953.48	8.45	113.791	
800.00	795.83	795.83	795.83	3.96	3.87	-31.98	-2.53	999.49	946.54	937.79	8.75	108.154	
900.00	894.18	871.11	871.10	4.19	3.97	-32.42	-2.56	1,000.37	932.34	923.30	9.04	103.156	
1,000.00	992.53	945.89	945.83	4.44	4.08	-32.86	-2.66	1,003.20	920.79	911.45	9.35	98.520	
1,100.00	1,090.88	1,021.11	1,020.89	4.71	4.20	-33.30	-2.83	1,008.01	911.93	902.25	9.68	94.248	
1,200.00	1,189.23	1,100.00	1,099.45	5.00	4.33	-33.76	-3.08	1,015.17	905.76	895.73	10.04	90.257	
1,300.00	1,287.58	1,172.43	1,171.38	5.31	4.47	-34.16	-3.37	1,023.65	902.28	891.88	10.40	86.759	
1,378.36	1,364.65	1,231.90	1,230.27	5.56	4.59	-34.49	-3.66	1,031.97	901.45	890.75	10.70	84.232	
1,400.00	1,385.94	1,248.34	1,246.51	5.62	4.62	-34.58	-3.75	1,034.48	901.52	890.73	10.79	83.558	
1,500.00	1,484.29	1,324.65	1,321.72	5.95	4.79	-34.98	-4.20	1,047.37	903.45	892.26	11.19	80.713	
1,600.00	1,582.64	1,424.27	1,419.69	6.29	5.03	-35.49	-4.83	1,065.44	906.72	895.03	11.69	77.540	
1,700.00	1,680.99	1,523.89	1,517.65	6.63	5.30	-36.00	-5.46	1,083.52	910.06	897.85	12.21	74.510	
1,800.00	1,779.34	1,623.51	1,615.62	6.98	5.57	-36.50	-6.09	1,101.59	913.48	900.73	12.75	71.631	
1,900.00	1,877.69	1,723.13	1,713.58	7.18	5.86	-37.00	-6.72	1,119.67	916.96	904.01	12.95	70.805	
2,000.00	1,976.04	1,822.75	1,811.54	7.22	6.13	-37.49	-7.35	1,137.74	920.52	907.48	13.03	70.625	
2,100.00	2,074.39	1,922.37	1,909.51	7.28	6.27	-37.98	-7.98	1,155.82	924.14	910.95	13.19	70.067	
2,200.00	2,172.74	2,021.99	2,007.47	7.35	6.31	-38.47	-8.61	1,173.89	927.83	914.55	13.28	69.853	
2,300.00	2,271.09	2,121.61	2,105.44	7.45	6.37	-38.95	-9.24	1,191.97	931.59	918.18	13.41	69.471	
2,400.00	2,369.44	2,221.23	2,203.40	7.55	6.45	-39.43	-9.87	1,210.04	935.41	921.84	13.57	68.933	
2,500.00	2,467.79	2,320.85	2,301.37	7.68	6.54	-39.91	-10.50	1,228.12	939.30	925.53	13.76	68.254	
2,600.00	2,566.15	2,420.47	2,399.33	7.81	6.65	-40.38	-11.13	1,246.19	943.25	929.26	13.98	67.448	
2,700.00	2,664.50	2,520.09	2,497.29	7.96	6.78	-40.85	-11.77	1,264.27	947.26	933.03	14.24	66.535	
2,800.00	2,762.85	2,619.71	2,595.26	8.12	6.92	-41.31	-12.40	1,282.34	951.34	936.83	14.52	65.531	
2,900.00	2,861.20	2,719.33	2,693.22	8.30	7.08	-41.77	-13.03	1,300.42	955.49	940.66	14.82	64.453	
3,000.00	2,959.55	2,818.95	2,791.19	8.48	7.25	-42.23	-13.66	1,318.49	959.69	944.53	15.16	63.319	
3,100.00	3,057.90	2,918.57	2,889.15	8.68	7.43	-42.68	-14.29	1,336.57	963.95	948.44	15.51	62.144	
3,200.00	3,156.25	3,018.18	2,987.11	8.89	7.62	-43.13	-14.92	1,354.64	968.27	952.38	15.89	60.940	
3,300.00	3,254.60	3,117.80	3,085.08	9.10	7.83	-43.57	-15.55	1,372.72	972.65	956.37	16.29	59.721	
3,400.00	3,352.95	3,217.42	3,183.04	9.32	8.04	-44.01	-16.18	1,390.79	977.09	960.39	16.70	58.497	
3,500.00	3,451.30	3,317.04	3,281.01	9.56	8.26	-44.45	-16.81	1,408.87	981.59	964.45	17.14	57.278	
3,600.00	3,549.65	3,416.66	3,378.97	9.79	8.50	-44.88	-17.44	1,426.94	986.14	968.56	17.59	56.068	
3,700.00	3,648.00	3,516.28	3,476.93	10.04	8.73	-45.31	-18.07	1,445.01	990.75	972.70	18.05	54.876	
3,800.00	3,746.36	3,615.90	3,574.90	10.29	8.98	-45.73	-18.70	1,463.09	995.42	976.88	18.53	53.706	
3,900.00	3,844.71	3,715.52	3,672.86	10.55	9.23	-46.15	-19.33	1,481.16	1,000.14	981.11	19.03	52.562	
4,000.00	3,943.06	3,815.14	3,770.83	10.81	9.49	-46.57	-19.96	1,499.24	1,004.91	985.37	19.53	51.446	
4,100.00	4,041.41	3,914.76	3,868.79	11.08	9.76	-46.98	-20.59	1,517.31	1,009.73	989.68	20.05	50.360	
4,200.00	4,139.76	4,014.38	3,966.75	11.35	10.03	-47.39	-21.22	1,535.39	1,014.61	994.03	20.58	49.307	
4,300.00	4,238.11	4,114.00	4,064.72	11.63	10.30	-47.79	-21.85	1,553.46	1,019.53	998.42	21.11	48.286	
4,400.00	4,336.46	4,213.62	4,162.68	11.91	10.58	-48.19	-22.48	1,571.54	1,024.51	1,002.85	21.66	47.299	
4,500.00	4,434.81	4,313.24	4,260.65	12.20	10.86	-48.59	-23.11	1,589.61	1,029.54	1,007.33	22.21	46.345	
4,600.00	4,533.16	4,412.86	4,358.61	12.48	11.15	-48.98	-23.74	1,607.69	1,034.62	1,011.84	22.78	45.424	
4,700.00	4,631.51	4,512.48	4,456.58	12.78	11.44	-49.37	-24.37	1,625.76	1,039.74	1,016.39	23.35	44.535	
4,800.00	4,729.86	4,612.10	4,554.54	13.07	11.73	-49.76	-25.00	1,643.84	1,044.91	1,020.99	23.92	43.678	
4,900.00	4,828.21	4,711.72	4,652.50	13.37	12.02	-50.14	-25.64	1,661.91	1,050.13	1,025.63	24.51	42.853	
5,000.00	4,926.57	4,811.34	4,750.47	13.67	12.32	-50.51	-26.27	1,679.99	1,055.40	1,030.30	25.09	42.057	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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			
5,100.00	5,024.92	4,910.96	4,848.43	13.97	12.62	-50.89	-26.90	1,698.06	1,060.71	1,035.02	25.69	41.291			
5,200.00	5,123.27	5,010.58	4,946.40	14.28	12.93	-51.26	-27.53	1,716.14	1,066.06	1,039.78	26.29	40.553			
5,300.00	5,221.62	5,110.20	5,044.36	14.59	13.23	-51.62	-28.16	1,734.21	1,071.46	1,044.57	26.89	39.843			
5,400.00	5,319.97	5,209.82	5,142.32	14.90	13.54	-51.99	-28.79	1,752.29	1,076.91	1,049.40	27.50	39.159			
5,500.00	5,418.32	5,309.44	5,240.29	15.21	13.85	-52.35	-29.42	1,770.36	1,082.39	1,054.28	28.11	38.500			
5,600.00	5,516.67	5,409.06	5,338.25	15.52	14.16	-52.70	-30.05	1,788.44	1,087.92	1,059.19	28.73	37.865			
5,700.00	5,615.02	5,508.67	5,436.22	15.84	14.47	-53.05	-30.68	1,806.51	1,093.49	1,064.14	29.35	37.253			
5,800.00	5,713.37	5,608.29	5,534.18	16.15	14.78	-53.40	-31.31	1,824.59	1,099.10	1,069.12	29.98	36.664			
5,900.00	5,811.72	5,707.91	5,632.14	16.47	15.10	-53.75	-31.94	1,842.66	1,104.75	1,074.14	30.61	36.096			
6,000.00	5,910.07	5,807.53	5,730.11	16.79	15.42	-54.09	-32.57	1,860.74	1,110.44	1,079.20	31.24	35.549			
6,100.00	6,008.42	5,907.15	5,828.07	17.11	15.74	-54.43	-33.20	1,878.81	1,116.17	1,084.30	31.87	35.021			
6,200.00	6,106.78	6,006.77	5,926.04	17.43	16.05	-54.76	-33.83	1,896.89	1,121.94	1,089.43	32.51	34.512			
6,300.00	6,205.13	6,106.39	6,024.00	17.76	16.38	-55.09	-34.46	1,914.96	1,127.74	1,094.59	33.15	34.021			
6,400.00	6,303.48	6,203.32	6,122.82	18.08	16.70	-55.42	-34.82	1,932.99	1,133.58	1,100.00	33.80	33.530			
6,500.00	6,401.83	6,301.65	6,221.63	18.41	17.02	-55.75	-34.94	1,950.99	1,139.46	1,105.86	34.45	33.040			
6,600.00	6,500.18	6,400.00	6,320.44	18.73	17.34	-56.08	-35.07	1,968.99	1,145.34	1,111.71	35.10	32.550			
6,700.00	6,598.49	6,498.31	6,419.25	19.06	17.66	-56.41	-35.19	1,986.99	1,151.22	1,117.56	35.75	32.060			
6,800.00	6,696.84	6,596.65	6,518.19	19.39	17.98	-56.74	-35.31	1,999.99	1,157.10	1,123.41	36.40	31.570			
6,900.00	6,795.19	6,695.00	6,637.13	19.72	18.30	-57.07	-35.43	2,012.99	1,162.98	1,129.29	37.05	31.080			
7,000.00	6,893.54	6,793.35	6,736.07	20.05	18.62	-57.40	-35.55	2,025.99	1,168.86	1,135.16	37.70	30.590			
7,100.00	6,991.89	6,891.70	6,835.01	20.38	18.94	-57.73	-35.67	2,038.99	1,174.74	1,140.34	38.35	30.100			
7,200.00	7,090.24	6,990.05	6,933.95	20.71	19.26	-58.06	-35.79	2,051.99	1,180.62	1,145.52	39.00	29.610			
7,300.00	7,188.59	7,087.90	7,032.89	21.04	19.58	-58.39	-35.91	2,064.99	1,186.50	1,150.69	39.65	29.120			
7,400.00	7,286.94	7,186.71	7,131.83	21.37	19.90	-58.72	-36.03	2,077.99	1,192.38	1,155.87	40.30	28.630			
7,500.00	7,385.29	7,284.52	7,230.77	21.70	20.22	-59.05	-36.15	2,090.99	1,198.26	1,161.05	40.95	28.140			
7,600.00	7,483.64	7,382.87	7,329.71	22.03	20.54	-59.38	-36.27	2,103.99	1,204.14	1,166.23	41.60	27.650			
7,700.00	7,581.99	7,481.18	7,428.65	22.36	20.86	-59.71	-36.39	2,116.99	1,210.02	1,171.41	42.25	27.160			
7,800.00	7,680.34	7,579.57	7,527.59	22.69	21.18	-59.99	-36.51	2,129.99	1,215.90	1,176.59	42.90	26.670			
7,900.00	7,778.69	7,677.80	7,625.53	23.02	21.50	-60.37	-36.63	2,142.99	1,221.78	1,181.77	43.55	26.180			
8,000.00	7,877.04	7,776.03	7,723.47	23.35	21.82	-60.70	-36.75	2,155.99	1,227.66	1,186.95	44.20	25.690			
8,100.00	7,975.39	7,874.18	7,821.41	23.68	22.14	-61.03	-36.87	2,168.99	1,233.54	1,192.13	44.85	25.200			
8,200.00	8,073.74	7,972.33	7,919.35	24.01	22.46	-61.36	-36.99	2,181.99	1,239.42	1,197.31	45.50	24.710			
8,300.00	8,172.09	8,070.48	8,017.29	24.34	22.78	-61.69	-37.11	2,194.99	1,245.30	1,202.49	46.15	24.220			
8,400.00	8,270.44	8,168.63	8,115.23	24.67	23.10	-62.02	-37.23	2,207.99	1,251.18	1,207.67	46.80	23.730			
8,500.00	8,368.79	8,266.88	8,213.17	25.00	23.42	-62.35	-37.35	2,220.99	1,257.06	1,212.85	47.45	23.240			
8,600.00	8,467.14	8,365.03	8,311.11	25.33	23.74	-62.68	-37.47	2,233.99	1,262.94	1,218.03	48.10	22.750			
8,700.00	8,565.49	8,463.18	8,409.05	25.66	24.06	-63.01	-37.59	2,246.99	1,268.82	1,223.21	48.75	22.260			
8,800.00	8,663.84	8,561.33	8,506.99	25.99	24.38	-63.34	-37.71	2,259.99	1,274.70	1,228.39	49.40	21.770			
8,900.00	8,762.19	8,659.48	8,604.93	26.32	24.70	-63.67	-37.83	2,272.99	1,280.58	1,233.57	50.05	21.280			
9,000.00	8,860.54	8,757.63	8,702.87	26.65	25.02	-64.00	-37.95	2,285.99	1,286.46	1,238.75	50.70	20.790			
9,100.00	8,958.89	8,855.78	8,800.81	26.98	25.34	-64.33	-38.07	2,298.99	1,292.34	1,243.93	51.35	20.300			
9,200.00	9,057.24	8,953.93	8,898.75	27.31	25.66	-64.66	-38.19	2,311.99	1,298.22	1,249.11	52.00	19.810			
9,300.00	9,155.59	9,052.08	8,996.69	27.64	25.98	-64.99	-38.31	2,324.99	1,304.10	1,254.29	52.65	19.320			
9,400.00	9,253.94	9,150.23	9,094.63	27.97	26.30	-65.32	-38.43	2,337.99	1,310.00	1,259.47	53.30	18.830			
9,500.00	9,352.29	9,248.38	9,192.57	28.30	26.62	-65.65	-38.55	2,350.99	1,315.88	1,264.65	53.95	18.340			
9,600.00	9,450.64	9,346.53	9,290.51	28.63	26.94	-65.98	-38.67	2,363.99	1,321.76	1,269.83	54.60	17.850			
9,700.00	9,548.99	9,444.68	9,388.45	28.96	27.26	-66.31	-38.79	2,376.99	1,327.64	1,275.01	55.25	17.360			
9,800.00	9,647.34	9,542.83	9,486.39	29.29	27.58	-66.64	-38.91	2,389.99	1,333.52	1,280.19	55.90	16.870			
9,900.00	9,745.69	9,640.98	9,584.33	29.62	27.90	-66.97	-39.03	2,402.99	1,339.40	1,285.37	56.55	16.380			
10,000.00	9,844.04	9,739.13	9,682.27	29.95	28.22	-67.30	-39.15	2,415.99	1,345.28	1,290.55	57.20	15.890			
10,100.00	9,942.39	9,837.28	9,780.21	30.28	28.54	-67.63	-39.27	2,428.99	1,351.16	1,295.73	57.85	15.400			
10,200.00	10,040.74	9,935.43	9,878.15	30.61	28.86	-67.96	-39.39	2,441.99	1,357.04	1,300.91	58.50	14.910			
10,300.00	10,139.09	10,033.58	9,976.09	30.94	29.18	-68.29	-39.51	2,454.99	1,362.92	1,306.09	59.15	14.420			
10,400.00	10,237.44	10,131.73	10,074.03	31.27	29.50	-68.62	-39.63	2,467.99	1,368.80	1,311.27	59.80	13.930			
10,500.00	10,335.79	10,229.88	10,171.97	31.60	29.82	-68.95	-39.75	2,480.99	1,374.68	1,316.45	60.45	13.440			
10,600.00	10,434.14	10,328.03	10,269.91	31.93	30.14	-69.28	-39.87	2,493.99	1,380.56	1,321.63	61.10	12.950			
10,700.00	10,532.49	10,426.18	10,367.85	32.26	30.46	-69.61	-39.99	2,506.99	1,386.44	1,326.81	61.75	12.460			
10,800.00	10,630.84	10,524.33	10,465.79	32.59	30.78	-69.94	-40.11	2,519.99	1,392.32	1,331.99	62.40	11.970			
10,900.00	10,729.19	10,622.48	10,563.73	32.92	31.10	-70.27	-40.23	2,532.99	1,398.20	1,337.17	63.05	11.480			
11,000.00	10,827.54	10,720.63	10,661.67	33.25	31.42	-70.60	-40.35	2,545.99	1,404.08	1,342.35	63.70	10.990			
11,100.00	10,925.89	10,818.78	10,759.61	33.58	31.74	-70.93	-40.47	2,558.99	1,410.00	1,347.53	64.35	10.500			
11,200.00	11,024.24	10,916.93	10,857.55	33.91	32.06	-71.26	-40.59	2,571.99	1,415.88	1,352.71	65.00	10.010			
11,300.00	11,122.59	11,015.08	10,955.49	34.24	32.38	-71.59	-40.71	2,584.99	1,421.76	1,357.89	65.65	9.520			
11,400.00	11,220.94	11,113.23	11,053.43	34.57	32.70	-71.92	-40.83	2,597.99	1,427.64	1,363.07	66.30	9.030			
11,500.00	11,319.29	11,211.38	11,151.37	34.90	33.02	-72.25	-40.95	2,610.99	1,433.52						

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
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	7,107.87	6,850.00	6,757.67	63.06	18.49	-57.70	-38.99	2,019.16	2,298.66	2,259.90	38.76	59.306	
10,300.00	7,107.52	6,850.00	6,757.67	64.66	18.49	-57.70	-38.99	2,019.16	2,394.50	2,355.72	38.78	61.749	
10,400.00	7,107.18	6,850.00	6,757.67	66.25	18.49	-57.70	-38.99	2,019.16	2,490.66	2,451.86	38.80	64.185	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.15	-2.53	979.72	979.73				
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	979.72	979.73	972.20	7.53	130.130	
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	979.72	979.73	972.15	7.57	129.356	
300.00	299.98	297.38	297.37	3.35	3.34	-29.67	-4.18	979.73	978.23	970.58	7.65	127.829	
400.00	399.84	372.04	371.97	3.41	3.39	-29.68	-6.40	980.89	975.24	967.49	7.75	125.772	
500.00	499.45	446.73	446.57	3.50	3.44	-29.79	-8.41	983.99	971.81	963.93	7.89	123.210	
600.00	598.70	521.43	521.08	3.61	3.52	-29.99	-10.22	989.01	967.96	959.90	8.05	120.185	
700.00	697.47	600.00	599.28	3.77	3.61	-30.30	-11.90	996.39	963.70	955.44	8.26	116.628	
800.00	795.83	670.83	669.59	3.96	3.70	-30.61	-13.22	1,004.86	959.99	951.49	8.49	113.020	
892.49	886.80	739.99	738.02	4.17	3.81	-30.92	-14.32	1,014.80	958.85	950.11	8.74	109.681	
900.00	894.18	745.60	743.56	4.19	3.82	-30.94	-14.40	1,015.68	958.86	950.10	8.76	109.417	
1,000.00	992.53	830.34	827.07	4.44	3.98	-31.33	-15.51	1,029.98	960.18	951.09	9.09	105.630	
1,100.00	1,090.88	930.02	925.25	4.71	4.18	-31.79	-16.78	1,047.21	962.02	952.53	9.49	101.361	
1,200.00	1,189.23	1,029.71	1,023.43	5.00	4.42	-32.24	-18.04	1,064.44	963.93	954.01	9.93	97.120	
1,300.00	1,287.58	1,129.40	1,121.61	5.31	4.67	-32.69	-19.31	1,081.67	965.90	955.51	10.39	92.981	
1,400.00	1,385.94	1,229.09	1,219.79	5.62	4.94	-33.15	-20.57	1,098.90	967.93	957.05	10.88	88.993	
1,500.00	1,484.29	1,328.78	1,317.97	5.95	5.23	-33.59	-21.84	1,116.13	970.02	958.63	11.39	85.182	
1,600.00	1,582.64	1,428.46	1,416.15	6.29	5.53	-34.04	-23.10	1,133.36	972.16	960.25	11.91	81.599	
1,700.00	1,680.99	1,528.15	1,514.33	6.63	5.84	-34.49	-24.36	1,150.59	974.37	961.91	12.46	78.186	
1,800.00	1,779.34	1,627.84	1,612.51	6.98	6.16	-34.93	-25.63	1,167.82	976.64	963.61	13.02	74.986	
1,900.00	1,877.69	1,727.53	1,710.69	7.18	6.48	-35.37	-26.89	1,185.05	978.96	965.72	13.24	73.921	
2,000.00	1,976.04	1,827.22	1,808.87	7.22	6.77	-35.81	-28.16	1,202.28	981.34	968.01	13.34	73.578	
2,100.00	2,074.39	1,926.91	1,907.05	7.28	6.92	-36.24	-29.42	1,219.51	983.78	970.29	13.50	72.893	
2,200.00	2,172.74	2,026.59	2,005.23	7.35	6.96	-36.68	-30.69	1,236.74	986.28	972.69	13.59	72.579	
2,300.00	2,271.09	2,126.28	2,103.41	7.45	7.02	-37.11	-31.95	1,253.97	988.83	975.12	13.71	72.101	
2,400.00	2,369.44	2,225.97	2,201.59	7.55	7.10	-37.54	-33.22	1,271.20	991.44	977.57	13.87	71.472	
2,500.00	2,467.79	2,325.66	2,299.77	7.68	7.19	-37.97	-34.48	1,288.43	994.11	980.05	14.06	70.706	
2,600.00	2,566.15	2,425.35	2,397.95	7.81	7.29	-38.39	-35.75	1,305.66	996.83	982.55	14.28	69.818	
2,700.00	2,664.50	2,525.03	2,496.13	7.96	7.41	-38.82	-37.01	1,322.89	999.61	985.08	14.52	68.825	
2,800.00	2,762.85	2,624.72	2,594.31	8.12	7.55	-39.24	-38.28	1,340.12	1,002.44	987.64	14.80	67.744	
2,900.00	2,861.20	2,724.41	2,692.49	8.30	7.70	-39.66	-39.54	1,357.35	1,005.32	990.22	15.10	66.593	
3,000.00	2,959.55	2,824.10	2,790.67	8.48	7.85	-40.07	-40.80	1,374.58	1,008.26	992.84	15.42	65.386	
3,100.00	3,057.90	2,923.79	2,888.85	8.68	8.03	-40.49	-42.07	1,391.81	1,011.25	995.48	15.77	64.140	
3,200.00	3,156.25	3,023.47	2,987.03	8.89	8.21	-40.90	-43.33	1,409.04	1,014.29	998.16	16.13	62.866	
3,300.00	3,254.60	3,123.16	3,085.21	9.10	8.40	-41.30	-44.60	1,426.27	1,017.39	1,000.87	16.52	61.578	
3,400.00	3,352.95	3,222.85	3,183.39	9.32	8.60	-41.71	-45.86	1,443.50	1,020.54	1,003.61	16.93	60.284	
3,500.00	3,451.30	3,322.54	3,281.57	9.56	8.81	-42.11	-47.13	1,460.73	1,023.73	1,006.38	17.35	58.995	
3,600.00	3,549.65	3,422.23	3,379.75	9.79	9.03	-42.52	-48.39	1,477.96	1,026.98	1,009.19	17.79	57.717	
3,700.00	3,648.00	3,521.92	3,477.93	10.04	9.25	-42.91	-49.66	1,495.19	1,030.28	1,012.03	18.25	56.457	
3,800.00	3,746.36	3,621.60	3,576.11	10.29	9.48	-43.31	-50.92	1,512.42	1,033.63	1,014.91	18.72	55.219	
3,900.00	3,844.71	3,721.29	3,674.28	10.55	9.72	-43.70	-52.19	1,529.65	1,037.03	1,017.83	19.20	54.008	
4,000.00	3,943.06	3,820.98	3,772.46	10.81	9.97	-44.09	-53.45	1,546.88	1,040.48	1,020.78	19.70	52.825	
4,100.00	4,041.41	3,920.67	3,870.64	11.08	10.22	-44.48	-54.72	1,564.11	1,043.97	1,023.77	20.20	51.674	
4,200.00	4,139.76	4,020.36	3,968.82	11.35	10.47	-44.87	-55.98	1,581.34	1,047.52	1,026.80	20.72	50.556	
4,300.00	4,238.11	4,120.04	4,067.00	11.63	10.73	-45.25	-57.24	1,598.57	1,051.11	1,029.86	21.25	49.471	
4,400.00	4,336.46	4,219.73	4,165.18	11.91	11.00	-45.63	-58.51	1,615.80	1,054.74	1,032.96	21.78	48.421	
4,500.00	4,434.81	4,319.42	4,263.36	12.20	11.26	-46.01	-59.77	1,633.03	1,058.43	1,036.10	22.33	47.405	
4,600.00	4,533.16	4,419.11	4,361.54	12.48	11.54	-46.38	-61.04	1,650.26	1,062.16	1,039.28	22.88	46.423	
4,700.00	4,631.51	4,518.80	4,459.72	12.78	11.81	-46.76	-62.30	1,667.49	1,065.93	1,042.49	23.44	45.475	
4,800.00	4,729.86	4,618.48	4,557.90	13.07	12.09	-47.13	-63.57	1,684.72	1,069.75	1,045.74	24.01	44.561	
4,900.00	4,828.21	4,718.17	4,656.08	13.37	12.38	-47.49	-64.83	1,701.95	1,073.61	1,049.03	24.58	43.678	
5,000.00	4,926.57	4,817.86	4,754.26	13.67	12.66	-47.86	-66.10	1,719.18	1,077.52	1,052.36	25.16	42.827	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
5,100.00	5,024.92	4,917.55	4,852.44	13.97	12.95	-48.22	-67.36	1,736.41	1,081.47	1,055.73	25.74	42.007		
5,200.00	5,123.27	5,017.24	4,950.62	14.28	13.24	-48.58	-68.63	1,753.64	1,085.47	1,059.13	26.34	41.217		
5,300.00	5,221.62	5,116.93	5,048.80	14.59	13.53	-48.94	-69.89	1,770.87	1,089.51	1,062.57	26.93	40.455		
5,400.00	5,319.97	5,216.61	5,146.98	14.90	13.83	-49.29	-71.16	1,788.10	1,093.58	1,066.05	27.53	39.721		
5,500.00	5,418.32	5,316.30	5,245.16	15.21	14.13	-49.64	-72.42	1,805.33	1,097.70	1,069.57	28.14	39.013		
5,600.00	5,516.67	5,415.99	5,343.34	15.52	14.43	-49.99	-73.68	1,822.56	1,101.87	1,073.12	28.75	38.332		
5,700.00	5,615.02	5,515.68	5,441.52	15.84	14.73	-50.34	-74.95	1,839.79	1,106.07	1,076.71	29.36	37.674		
5,800.00	5,713.37	5,615.37	5,539.70	16.15	15.03	-50.68	-76.21	1,857.02	1,110.31	1,080.34	29.98	37.040		
5,900.00	5,811.72	5,715.05	5,637.88	16.47	15.34	-51.02	-77.48	1,874.25	1,114.59	1,084.00	30.60	36.429		
6,000.00	5,910.07	5,814.74	5,736.06	16.79	15.64	-51.36	-78.74	1,891.48	1,118.92	1,087.70	31.22	35.840		
6,100.00	6,008.42	5,914.43	5,834.24	17.11	15.95	-51.70	-80.01	1,908.71	1,123.28	1,091.43	31.85	35.271		
6,200.00	6,106.78	6,012.84	5,952.42	17.43	16.26	-52.04	-81.26	1,925.94	1,127.63	1,095.14	32.48	34.702		
6,300.00	6,205.13	6,119.19	6,090.60	17.76	16.57	-52.38	-82.51	1,943.17	1,131.98	1,098.85	33.11	34.133		
6,400.00	6,303.48	6,226.54	6,171.78	18.08	16.88	-52.72	-83.76	1,960.40	1,136.33	1,102.56	33.74	33.564		
6,500.00	6,401.83	6,324.89	6,252.96	18.41	17.19	-53.06	-85.01	1,977.63	1,140.68	1,106.27	34.37	33.000		
6,600.00	6,500.18	6,423.24	6,334.14	18.73	17.50	-53.40	-86.26	1,994.86	1,145.03	1,110.00	35.00	32.431		
6,700.00	6,598.53	6,521.59	6,415.32	19.06	17.81	-53.74	-87.51	2,012.09	1,149.38	1,113.71	35.63	31.862		
6,800.00	6,696.88	6,619.94	6,506.50	19.38	18.12	-54.08	-88.76	2,029.32	1,153.73	1,117.42	36.26	31.313		
6,900.00	6,795.23	6,718.29	6,597.68	19.71	18.43	-54.42	-90.01	2,046.55	1,158.08	1,121.13	36.89	30.764		
7,000.00	6,893.58	6,816.64	6,688.86	20.03	18.74	-54.76	-91.26	2,063.78	1,162.43	1,124.84	37.52	30.215		
7,100.00	6,991.93	6,915.00	6,779.04	20.36	19.05	-55.10	-92.51	2,081.01	1,166.78	1,128.55	38.15	29.666		
7,200.00	7,090.28	7,013.35	6,870.22	20.68	19.36	-55.44	-93.76	2,098.24	1,171.13	1,132.26	38.78	29.117		
7,300.00	7,188.63	7,111.70	6,961.40	21.01	19.67	-55.78	-95.01	2,115.47	1,175.48	1,135.97	39.41	28.568		
7,357.35	7,077.45	7,000.81	6,942.84	23.22	18.76	-96.04	-101.99	1,380.54	504.73	463.09	41.64	12.122 CC		
7,400.00	7,090.87	7,014.23	6,955.99	23.61	18.61	-94.21	-101.67	1,422.76	504.85	462.91	41.93	12.040 ES		
7,500.00	7,111.57	7,035.41	6,969.17	24.59	18.33	-90.16	-100.81	1,516.95	506.04	463.40	42.64	11.868		
7,600.00	7,116.95	7,040.76	6,974.48	25.62	18.15	-86.48	-99.83	1,603.69	508.36	465.07	43.29	11.744		
7,700.00	7,116.60	7,045.41	6,979.13	26.71	18.05	-82.65	-98.81	1,679.25	513.61	469.82	43.79	11.729 SF		
7,800.00	7,116.25	7,040.06	6,983.78	27.85	18.01	-78.50	-97.83	1,741.41	524.76	480.77	43.98	11.931		
7,900.00	7,115.90	7,039.71	6,983.43	29.06	18.00	-74.44	-96.93	1,791.28	543.82	500.01	43.81	12.414		
8,000.00	7,115.55	7,039.36	6,983.08	30.31	18.01	-70.71	-96.14	1,830.79	572.00	528.70	43.29	13.212		
8,100.00	7,115.21	7,038.91	6,982.73	31.60	18.02	-67.42	-95.44	1,861.97	609.56	567.00	42.56	14.322		
8,200.00	7,114.86	7,038.46	6,982.38	32.92	18.03	-64.56	-94.83	1,886.64	656.02	614.29	41.73	15.720		
8,300.00	7,114.51	7,038.01	6,982.03	34.28	18.05	-61.68	-94.20	1,909.62	710.49	669.60	40.89	17.374		
8,400.00	7,114.16	7,037.56	6,981.68	35.66	18.05	-60.02	-93.84	1,922.04	771.72	731.56	40.16	19.216		
8,500.00	7,113.81	7,037.11	6,981.33	37.07	18.06	-58.13	-93.42	1,935.41	838.77	799.26	39.51	21.230		
8,600.00	7,113.46	7,036.66	6,980.98	38.51	18.07	-56.68	-93.09	1,945.23	910.59	871.62	38.97	23.366		
8,700.00	7,113.11	7,036.21	6,980.63	39.96	18.07	-54.71	-92.63	1,957.76	986.47	947.98	38.49	25.630		
8,800.00	7,112.76	7,035.76	6,980.28	41.42	18.07	-54.71	-92.63	1,957.76	1,065.47	1,027.26	38.21	27.887		
8,900.00	7,112.41	7,035.41	6,980.00	42.91	18.07	-53.16	-92.26	1,966.99	1,147.13	1,109.24	37.89	30.275		
9,000.00	7,112.06	7,035.06	6,979.72	44.40	18.07	-51.45	-91.84	1,976.53	1,231.29	1,193.67	37.62	32.732		
9,100.00	7,111.71	7,034.71	6,979.47	45.91	18.07	-51.45	-91.84	1,976.53	1,316.96	1,279.47	37.50	35.121		
9,200.00	7,111.37	7,034.37	6,979.22	47.43	18.07	-51.45	-91.84	1,976.53	1,404.53	1,367.12	37.41	37.544		
9,300.00	7,111.02	7,034.02	6,978.97	48.96	18.06	-50.13	-91.51	1,983.33	1,493.19	1,455.92	37.27	40.065		
9,400.00	7,110.67	7,033.67	6,978.72	50.50	18.06	-49.56	-91.37	1,986.12	1,583.12	1,545.92	37.20	42.558		
9,500.00	7,110.32	7,033.32	6,978.47	52.05	18.06	-48.38	-91.06	1,991.61	1,674.17	1,637.06	37.11	45.110		
9,600.00	7,109.97	7,032.97	6,978.22	53.60	18.06	-48.38	-91.06	1,991.61	1,765.82	1,728.70	37.11	47.579		
9,700.00	7,109.62	7,032.62	6,977.97	55.17	18.06	-48.38	-91.06	1,991.61	1,858.33	1,821.20	37.13	50.055		
9,800.00	7,109.27	7,032.27	6,977.72	56.73	18.06	-48.38	-91.06	1,991.61	1,951.58	1,914.43	37.15	52.536		
9,900.00	7,108.92	7,031.92	6,977.47	58.31	18.06	-48.38	-91.06	1,991.61	2,045.46	2,008.28	37.18	55.018		
10,000.00	7,108.57	7,031.57	6,977.22	59.89	18.05	-47.09	-90.72	1,997.09	2,139.41	2,102.27	37.15	57.596		
10,100.00	7,108.22	7,031.22	6,976.97	61.47	18.04	-46.79	-90.64	1,998.28	2,234.08	2,196.91	37.18	60.096		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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 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
10,200.00	7,107.87	6,700.00	6,610.12	63.06	18.03	-45.53	-90.30	2,002.90	2,329.45	2,292.29	37.16	62.686	
10,300.00	7,107.52	6,700.00	6,610.12	64.66	18.03	-45.53	-90.30	2,002.90	2,424.73	2,387.51	37.22	65.147	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.13	-2.17	959.68	959.68				
100.00	100.00	100.00	100.00	3.28	3.28	90.13	-2.17	959.68	959.68	952.15	7.53	127.467	
200.00	200.00	200.00	200.00	3.31	3.31	90.13	-2.17	959.68	959.68	952.11	7.57	126.709	
300.00	299.98	288.10	288.10	3.35	3.34	-29.77	-2.26	959.91	958.47	950.82	7.65	125.269	
400.00	399.84	364.33	364.30	3.41	3.38	-29.86	-3.00	961.80	956.41	948.66	7.75	123.415	
500.00	499.45	440.60	440.46	3.50	3.44	-30.00	-4.47	965.58	953.80	945.92	7.88	121.048	
600.00	598.70	516.91	516.52	3.61	3.51	-30.18	-6.69	971.25	950.65	942.61	8.04	118.179	
700.00	697.47	593.28	592.46	3.77	3.59	-30.40	-9.65	978.81	946.98	938.73	8.25	114.830	
800.00	795.83	669.75	668.25	3.96	3.70	-30.60	-13.34	988.27	943.72	935.23	8.49	111.177	
883.71	878.16	733.88	731.58	4.15	3.80	-30.73	-17.01	997.65	942.85	934.13	8.72	108.161	
900.00	894.18	746.36	743.88	4.19	3.83	-30.75	-17.78	999.63	942.88	934.12	8.76	107.585	
1,000.00	992.53	839.13	835.14	4.44	4.01	-30.89	-23.84	1,015.14	943.94	934.82	9.12	103.515	
1,100.00	1,090.88	939.10	933.47	4.71	4.24	-31.04	-30.41	1,031.94	945.11	935.58	9.53	99.164	
1,200.00	1,189.23	1,039.06	1,031.79	5.00	4.49	-31.18	-36.98	1,048.75	946.29	936.32	9.98	94.852	
1,300.00	1,287.58	1,139.02	1,130.11	5.31	4.76	-31.33	-43.55	1,065.56	947.48	937.03	10.45	90.656	
1,400.00	1,385.94	1,238.99	1,228.43	5.62	5.05	-31.47	-50.12	1,082.37	948.68	937.73	10.95	86.624	
1,500.00	1,484.29	1,338.95	1,326.75	5.95	5.35	-31.62	-56.69	1,099.17	949.88	938.40	11.47	82.778	
1,600.00	1,582.64	1,438.92	1,425.08	6.29	5.67	-31.76	-63.26	1,115.98	951.09	939.07	12.01	79.172	
1,700.00	1,680.99	1,538.88	1,523.40	6.63	5.99	-31.90	-69.83	1,132.79	952.30	939.73	12.57	75.758	
1,800.00	1,779.34	1,638.84	1,621.72	6.98	6.33	-32.05	-76.40	1,149.59	953.52	940.37	13.14	72.557	
1,900.00	1,877.69	1,738.81	1,720.04	7.18	6.67	-32.19	-82.96	1,166.40	954.74	941.37	13.37	71.403	
2,000.00	1,976.04	1,838.77	1,818.36	7.22	6.95	-32.33	-89.53	1,183.21	955.97	942.51	13.46	71.030	
2,100.00	2,074.39	1,938.74	1,916.69	7.28	7.09	-32.48	-96.10	1,200.02	957.21	943.60	13.60	70.365	
2,200.00	2,172.74	2,038.70	2,015.01	7.35	7.14	-32.62	-102.67	1,216.82	958.45	944.76	13.69	69.991	
2,300.00	2,271.09	2,138.66	2,113.33	7.45	7.20	-32.76	-109.24	1,233.63	959.70	945.88	13.82	69.458	
2,400.00	2,369.44	2,238.63	2,211.65	7.55	7.28	-32.90	-115.81	1,250.44	960.95	946.98	13.97	68.777	
2,500.00	2,467.79	2,338.59	2,309.97	7.68	7.38	-33.04	-122.38	1,267.25	962.21	948.05	14.16	67.963	
2,600.00	2,566.15	2,438.56	2,408.29	7.81	7.49	-33.18	-128.95	1,284.05	963.48	949.10	14.37	67.032	
2,700.00	2,664.50	2,538.52	2,506.62	7.96	7.62	-33.32	-135.52	1,300.86	964.75	950.13	14.62	66.000	
2,800.00	2,762.85	2,638.49	2,604.94	8.12	7.76	-33.46	-142.09	1,317.67	966.03	951.14	14.89	64.884	
2,900.00	2,861.20	2,738.45	2,703.26	8.30	7.92	-33.60	-148.65	1,334.47	967.31	952.12	15.19	63.701	
3,000.00	2,959.55	2,838.41	2,801.58	8.48	8.08	-33.74	-155.22	1,351.28	968.60	953.09	15.51	62.467	
3,100.00	3,057.90	2,938.38	2,899.90	8.68	8.26	-33.88	-161.79	1,368.09	969.89	954.04	15.85	61.196	
3,200.00	3,156.25	3,038.34	2,998.23	8.89	8.45	-34.02	-168.36	1,384.90	971.19	954.98	16.21	59.900	
3,300.00	3,254.60	3,138.31	3,096.55	9.10	8.65	-34.16	-174.93	1,401.70	972.50	955.90	16.60	58.592	
3,400.00	3,352.95	3,238.27	3,194.87	9.32	8.86	-34.29	-181.50	1,418.51	973.81	956.81	17.00	57.282	
3,500.00	3,451.30	3,338.23	3,293.19	9.56	9.08	-34.43	-188.07	1,435.32	975.13	957.71	17.42	55.977	
3,600.00	3,549.65	3,438.20	3,391.51	9.79	9.30	-34.57	-194.64	1,452.13	976.45	958.59	17.86	54.685	
3,700.00	3,648.00	3,538.16	3,489.83	10.04	9.54	-34.70	-201.21	1,468.93	977.78	959.47	18.31	53.411	
3,800.00	3,746.36	3,638.13	3,588.16	10.29	9.78	-34.84	-207.78	1,485.74	979.11	960.34	18.77	52.161	
3,900.00	3,844.71	3,738.09	3,686.48	10.55	10.02	-34.97	-214.34	1,502.55	980.45	961.20	19.25	50.938	
4,000.00	3,943.06	3,838.05	3,784.80	10.81	10.28	-35.11	-220.91	1,519.35	981.79	962.06	19.74	49.744	
4,100.00	4,041.41	3,938.02	3,883.12	11.08	10.54	-35.24	-227.48	1,536.16	983.14	962.91	20.24	48.582	
4,200.00	4,139.76	4,037.98	3,981.44	11.35	10.80	-35.38	-234.05	1,552.97	984.50	963.75	20.75	47.453	
4,300.00	4,238.11	4,137.95	4,079.77	11.63	11.07	-35.51	-240.62	1,569.78	985.86	964.59	21.27	46.357	
4,400.00	4,336.46	4,237.91	4,178.09	11.91	11.34	-35.65	-247.19	1,586.58	987.23	965.43	21.79	45.296	
4,500.00	4,434.81	4,337.88	4,276.41	12.20	11.62	-35.78	-253.76	1,603.39	988.60	966.27	22.33	44.269	
4,600.00	4,533.16	4,437.84	4,374.73	12.48	11.90	-35.91	-260.33	1,620.20	989.97	967.10	22.88	43.276	
4,700.00	4,631.51	4,537.80	4,473.05	12.78	12.19	-36.05	-266.90	1,637.01	991.36	967.93	23.43	42.317	
4,800.00	4,729.86	4,637.77	4,571.38	13.07	12.48	-36.18	-273.47	1,653.81	992.74	968.76	23.99	41.390	
4,900.00	4,828.21	4,737.73	4,669.70	13.37	12.77	-36.31	-280.04	1,670.62	994.14	969.59	24.55	40.496	
5,000.00	4,926.57	4,837.70	4,768.02	13.67	13.06	-36.44	-286.60	1,687.43	995.54	970.42	25.12	39.632	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,937.66	4,866.34	13.97	13.36	-36.57	-293.17	1,704.24	996.94	971.24	25.69	38.799		
5,200.00	5,123.27	5,037.62	4,964.66	14.28	13.66	-36.70	-299.74	1,721.04	998.35	972.07	26.28	37.996		
5,300.00	5,221.62	5,137.59	5,062.98	14.59	13.96	-36.83	-306.31	1,737.85	999.76	972.90	26.86	37.220		
5,400.00	5,319.97	5,237.55	5,161.31	14.90	14.27	-36.97	-312.88	1,754.66	1,001.18	973.73	27.45	36.472		
5,500.00	5,418.32	5,337.52	5,259.63	15.21	14.58	-37.09	-319.45	1,771.46	1,002.60	974.56	28.04	35.751		
5,600.00	5,516.67	5,437.48	5,357.95	15.52	14.89	-37.22	-326.02	1,788.27	1,004.03	975.39	28.64	35.054		
5,700.00	5,615.02	5,537.44	5,456.27	15.84	15.20	-37.35	-332.59	1,805.08	1,005.47	976.22	29.24	34.382		
5,800.00	5,713.37	5,637.41	5,554.59	16.15	15.51	-37.48	-339.16	1,821.89	1,006.91	977.06	29.85	33.733		
5,900.00	5,811.72	5,737.37	5,652.92	16.47	15.82	-37.61	-345.73	1,838.69	1,008.35	977.89	30.46	33.107		
6,000.00	5,910.07	5,837.34	5,751.24	16.79	16.14	-37.74	-352.29	1,855.50	1,009.80	978.73	31.07	32.501		
6,100.00	6,008.42	5,937.30	5,849.56	17.11	16.46	-37.87	-358.86	1,872.31	1,011.25	979.57	31.68	31.917		
6,200.00	6,106.78	6,037.27	5,947.88	17.43	16.78	-37.99	-365.43	1,889.12	1,012.71	980.41	32.30	31.352		
6,300.00	6,205.13	6,109.71	6,046.36	17.76	17.09	-162.57	-422.74	892.49	980.94	951.08	29.86	32.856		
6,400.00	6,303.48	6,091.21	6,180.85	18.08	21.92	-159.50	-423.16	910.97	884.68	854.58	30.10	29.388		
6,500.00	6,401.83	6,072.71	6,181.34	18.41	21.76	-156.13	-423.57	929.46	788.93	758.53	30.39	25.957		
6,600.00	6,500.18	6,054.22	6,181.83	18.73	21.60	-152.43	-423.99	947.94	693.88	663.13	30.74	22.571		
6,700.00	6,598.49	6,035.51	6,182.33	19.06	21.45	-148.04	-424.41	966.64	599.90	568.72	31.18	19.239		
6,800.00	6,694.58	6,006.90	6,183.09	19.45	21.20	-146.71	-425.05	995.23	509.79	478.09	31.70	16.081		
6,900.00	6,785.47	5,963.67	6,184.24	19.92	20.88	-145.91	-426.02	1,038.43	427.07	394.70	32.37	13.193		
7,000.00	6,868.90	5,906.89	6,185.75	20.48	20.46	-143.49	-427.29	1,095.18	354.49	321.19	33.30	10.645		
7,100.00	6,942.84	5,837.96	6,187.59	21.13	20.03	-139.27	-428.83	1,164.07	294.56	259.94	34.63	8.506		
7,200.00	7,005.45	5,758.57	6,189.70	21.87	19.61	-133.44	-430.61	1,243.41	249.05	212.70	36.35	6.852		
7,300.00	7,055.21	5,670.28	6,192.04	22.70	19.24	-126.65	-432.59	1,331.65	218.09	179.85	38.24	5.704		
7,400.00	7,090.87	5,561.25	6,185.29	23.61	18.95	-116.98	-434.42	1,440.32	195.90	155.45	40.45	4.843		
7,500.00	7,111.57	5,460.57	6,162.71	24.59	18.79	-105.84	-435.02	1,538.32	179.99	137.29	42.69	4.216		
7,600.00	7,116.95	5,366.68	6,128.01	25.62	18.72	-93.68	-434.63	1,625.48	172.67	128.73	43.94	3.929		
7,621.23	7,116.88	5,347.83	6,119.51	25.85	18.71	-90.88	-434.44	1,642.31	172.39	128.39	44.00	3.918 CC, ES, SF		
7,700.00	7,116.60	5,282.80	6,086.49	26.71	18.70	-80.10	-433.51	1,698.28	177.13	133.85	43.27	4.093		
7,800.00	7,116.25	5,211.22	6,043.77	27.85	18.72	-67.36	-432.00	1,755.65	199.79	159.28	40.52	4.931		
7,900.00	7,115.90	5,150.00	6,002.33	29.06	18.74	-57.04	-430.31	1,800.65	241.46	204.04	37.42	6.452		
8,000.00	7,115.55	5,100.00	6,965.41	30.31	18.76	-49.62	-428.67	1,834.31	298.07	262.77	35.30	8.443		
8,100.00	7,115.21	5,057.43	6,931.98	31.60	18.77	-44.15	-427.10	1,860.61	365.16	330.98	34.18	10.682		
8,200.00	7,114.86	5,021.26	6,902.26	32.92	18.79	-40.11	-425.65	1,881.16	439.49	405.78	33.71	13.038		
8,300.00	7,114.51	4,990.44	6,876.05	34.28	18.80	-37.08	-424.33	1,897.31	518.93	485.34	33.59	15.450		
8,400.00	7,114.16	4,963.98	6,852.95	35.66	18.80	-34.76	-423.13	1,910.15	602.10	568.45	33.64	17.896		
8,500.00	7,113.81	4,950.00	6,840.53	37.07	18.80	-33.62	-422.48	1,916.55	688.18	654.30	33.88	20.312		
8,600.00	7,113.46	4,921.13	6,814.47	38.51	18.81	-31.47	-421.08	1,928.88	776.19	742.22	33.97	22.850		
8,700.00	7,113.11	4,900.00	6,795.05	39.96	18.81	-30.04	-420.03	1,937.15	866.02	831.89	34.13	25.372		
8,800.00	7,112.76	4,880.00	6,795.05	41.42	18.81	-30.04	-420.03	1,937.15	957.36	922.91	34.45	27.788		
8,900.00	7,112.41	4,874.39	6,771.17	42.91	18.80	-28.45	-418.71	1,946.30	1,049.46	1,014.91	34.55	30.377		
9,000.00	7,112.06	4,850.00	6,748.10	44.40	18.80	-27.08	-417.41	1,954.11	1,142.83	1,108.18	34.65	32.982		
9,100.00	7,111.71	4,850.00	6,748.10	45.91	18.80	-27.08	-417.41	1,954.11	1,236.60	1,201.70	34.90	35.433		
9,200.00	7,111.37	4,850.00	6,748.10	47.43	18.80	-27.08	-417.41	1,954.11	1,331.27	1,296.15	35.13	37.899		
9,300.00	7,111.02	4,832.02	6,730.92	48.96	18.79	-26.15	-416.43	1,959.30	1,426.31	1,391.08	35.23	40.484		
9,400.00	7,110.67	4,823.78	6,723.00	50.50	18.79	-25.75	-415.97	1,961.52	1,521.91	1,486.52	35.38	43.012		
9,500.00	7,110.32	4,800.00	6,699.98	52.05	18.78	-24.64	-414.64	1,967.33	1,618.20	1,582.75	35.45	45.647		
9,600.00	7,109.97	4,800.00	6,699.98	53.60	18.78	-24.64	-414.64	1,967.33	1,714.35	1,678.72	35.63	48.118		
9,700.00	7,109.62	4,800.00	6,699.98	55.17	18.78	-24.64	-414.64	1,967.33	1,810.92	1,775.13	35.80	50.589		
9,800.00	7,109.27	4,800.00	6,699.98	56.73	18.78	-24.64	-414.64	1,967.33	1,907.85	1,871.89	35.96	53.060		
9,900.00	7,108.92	4,800.00	6,699.98	58.31	18.78	-24.64	-414.64	1,967.33	2,005.07	1,968.96	36.11	55.528		
10,000.00	7,108.57	4,800.00	6,699.98	59.89	18.78	-24.64	-414.64	1,967.33	2,102.56	2,066.30	36.26	57.993		
10,100.00	7,108.22	4,800.00	6,699.98	61.47	18.78	-24.64	-414.64	1,967.33	2,200.27	2,163.87	36.40	60.451		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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 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	
10,200.00	7,107.87	6,777.48	6,678.00	63.06	18.76	-23.69	-413.34	1,972.04	2,297.67	2,261.23	36.44	63.047	
10,300.00	7,107.52	6,773.37	6,673.97	64.66	18.76	-23.52	-413.11	1,972.82	2,395.56	2,358.99	36.56	65.516	
10,400.00	7,107.18	6,769.52	6,670.19	66.25	18.75	-23.36	-412.88	1,973.52	2,493.58	2,456.90	36.68	67.976	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.65	0.36	-60.14	60.14				
100.00	100.00	101.00	101.00	3.28	3.28	-89.65	0.36	-60.14	60.14	52.61	7.53	7.987	
200.00	200.00	201.00	201.00	3.31	3.31	-89.65	0.36	-60.14	60.14	52.56	7.57	7.940 CC, ES	
300.00	299.98	300.98	300.98	3.35	3.35	151.28	0.36	-60.14	61.66	54.00	7.66	8.049	
400.00	399.84	400.84	400.84	3.41	3.42	153.41	0.36	-60.14	66.30	58.51	7.79	8.511	
500.00	499.45	500.45	500.45	3.50	3.50	156.36	0.36	-60.14	74.20	66.24	7.96	9.317	
600.00	598.70	600.30	599.70	3.61	3.61	159.55	0.36	-60.14	85.51	77.33	8.18	10.450	
700.00	697.47	701.53	698.47	3.77	3.74	162.58	0.36	-60.14	100.33	91.89	8.45	11.878	
800.00	795.83	803.17	796.83	3.96	3.88	165.19	0.36	-60.14	117.66	108.91	8.75	13.453	
900.00	894.18	895.18	895.18	4.19	4.02	167.15	0.36	-60.14	135.24	126.19	9.05	14.936	
1,000.00	992.53	998.45	998.43	4.44	4.18	168.93	0.39	-58.45	151.43	142.04	9.39	16.127	
1,100.00	1,090.88	1,102.87	1,102.70	4.71	4.35	170.86	0.47	-52.96	164.38	154.64	9.74	16.880	
1,200.00	1,189.23	1,207.95	1,207.36	5.00	4.53	172.99	0.61	-43.60	174.14	164.03	10.11	17.227	
1,300.00	1,287.58	1,313.42	1,311.98	5.31	4.74	175.42	0.81	-30.36	180.80	170.30	10.50	17.218	
1,400.00	1,385.94	1,418.98	1,416.14	5.62	4.98	178.23	1.06	-13.26	184.50	173.58	10.92	16.900	
1,500.00	1,484.29	1,520.55	1,515.86	5.95	5.23	-178.71	1.35	6.08	186.11	174.74	11.37	16.363	
1,600.00	1,582.64	1,620.05	1,613.50	6.29	5.50	-175.73	1.63	25.25	188.05	176.18	11.86	15.849	
1,700.00	1,680.99	1,719.56	1,711.13	6.63	5.79	-172.83	1.92	44.42	190.48	178.10	12.38	15.383	
1,800.00	1,779.34	1,819.06	1,808.77	6.98	6.06	-170.00	2.20	63.59	193.40	180.67	12.73	15.191	
1,900.00	1,877.69	1,918.57	1,906.41	7.18	6.20	-167.27	2.48	82.77	196.78	183.97	12.81	15.363	
2,000.00	1,976.04	2,018.07	2,004.05	7.22	6.24	-164.63	2.77	101.94	200.59	187.70	12.89	15.560	
2,100.00	2,074.39	2,117.58	2,101.69	7.28	6.30	-162.09	3.05	121.11	204.82	191.81	13.01	15.739	
2,200.00	2,172.74	2,217.08	2,199.33	7.35	6.38	-159.66	3.34	140.28	209.43	196.26	13.17	15.898	
2,300.00	2,271.09	2,316.58	2,296.97	7.45	6.48	-157.34	3.62	159.45	214.41	201.04	13.37	16.037	
2,400.00	2,369.44	2,416.09	2,394.61	7.55	6.59	-155.12	3.91	178.62	219.72	206.12	13.60	16.155	
2,500.00	2,467.79	2,515.59	2,492.25	7.68	6.72	-153.02	4.19	197.80	225.35	211.49	13.87	16.252	
2,600.00	2,566.15	2,615.10	2,589.89	7.81	6.87	-151.01	4.47	216.97	231.27	217.11	14.16	16.331	
2,700.00	2,664.50	2,714.60	2,687.53	7.96	7.03	-149.11	4.76	236.14	237.46	222.97	14.49	16.392	
2,800.00	2,762.85	2,814.11	2,785.17	8.12	7.21	-147.31	5.04	255.31	243.89	229.06	14.84	16.437	
2,900.00	2,861.20	2,913.61	2,882.81	8.30	7.40	-145.60	5.33	274.48	250.56	235.34	15.22	16.468	
3,000.00	2,959.55	3,013.11	2,980.45	8.48	7.60	-143.98	5.61	293.66	257.44	241.82	15.62	16.486	
3,100.00	3,057.90	3,112.62	3,078.09	8.68	7.81	-142.44	5.90	312.83	264.51	248.47	16.04	16.494	
3,200.00	3,156.25	3,212.12	3,175.73	8.89	8.03	-140.99	6.18	332.00	271.76	255.28	16.48	16.492	
3,300.00	3,254.60	3,311.63	3,273.37	9.10	8.27	-139.61	6.47	351.17	279.18	262.24	16.94	16.482	
3,400.00	3,352.95	3,411.13	3,371.01	9.32	8.51	-138.30	6.75	370.34	286.75	269.34	17.41	16.466	
3,500.00	3,451.30	3,510.64	3,468.65	9.56	8.75	-137.06	7.03	389.51	294.46	276.56	17.91	16.444	
3,600.00	3,549.65	3,610.14	3,566.29	9.79	9.01	-135.89	7.32	408.69	302.31	283.89	18.41	16.419	
3,700.00	3,648.00	3,709.64	3,663.93	10.04	9.27	-134.77	7.60	427.86	310.27	291.34	18.93	16.389	
3,800.00	3,746.36	3,809.15	3,761.56	10.29	9.54	-133.71	7.89	447.03	318.34	298.88	19.46	16.357	
3,900.00	3,844.71	3,908.65	3,859.20	10.55	9.81	-132.71	8.17	466.20	326.52	306.52	20.00	16.323	
4,000.00	3,943.06	4,008.16	3,956.84	10.81	10.09	-131.75	8.46	485.37	334.79	314.24	20.55	16.288	
4,100.00	4,041.41	4,107.66	4,054.48	11.08	10.37	-130.84	8.74	504.54	343.16	322.04	21.12	16.252	
4,200.00	4,139.76	4,207.17	4,152.12	11.35	10.66	-129.97	9.03	523.72	351.60	329.92	21.68	16.214	
4,300.00	4,238.11	4,306.67	4,249.76	11.63	10.95	-129.14	9.31	542.89	360.12	337.86	22.26	16.177	
4,400.00	4,336.46	4,406.17	4,347.40	11.91	11.24	-128.35	9.59	562.06	368.71	345.87	22.85	16.139	
4,500.00	4,434.81	4,505.68	4,445.04	12.20	11.54	-127.60	9.88	581.23	377.37	353.94	23.44	16.101	
4,600.00	4,533.16	4,605.18	4,542.68	12.48	11.84	-126.88	10.16	600.40	386.09	362.06	24.03	16.064	
4,700.00	4,631.51	4,704.69	4,640.32	12.78	12.15	-126.19	10.45	619.57	394.87	370.24	24.64	16.027	
4,800.00	4,729.86	4,804.19	4,737.96	13.07	12.45	-125.53	10.73	638.75	403.71	378.46	25.25	15.991	
4,900.00	4,828.21	4,903.70	4,835.60	13.37	12.76	-124.90	11.02	657.92	412.59	386.73	25.86	15.955	
5,000.00	4,926.57	5,003.20	4,933.24	13.67	13.08	-124.30	11.30	677.09	421.52	395.04	26.48	15.920	
5,100.00	5,024.92	5,102.70	5,030.88	13.97	13.39	-123.72	11.58	696.26	430.49	403.40	27.10	15.886	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
5,200.00	5,123.27	5,202.21	5,128.52	14.28	13.71	-123.17	11.87	715.43	439.51	411.79	27.72	15.853		
5,300.00	5,221.62	5,301.71	5,226.16	14.59	14.02	-122.64	12.15	734.60	448.57	420.21	28.35	15.820		
5,400.00	5,319.97	5,401.22	5,323.80	14.90	14.34	-122.13	12.44	753.78	457.66	428.67	28.99	15.788		
5,500.00	5,418.32	5,500.72	5,421.44	15.21	14.66	-121.64	12.72	772.95	466.79	437.16	29.62	15.757		
5,600.00	5,516.67	5,600.23	5,519.08	15.52	14.99	-121.16	13.01	792.12	475.95	445.68	30.26	15.727		
5,700.00	5,615.02	5,700.27	5,616.72	15.84	15.31	-120.71	13.29	811.29	485.14	454.23	30.91	15.697		
5,800.00	5,713.37	5,800.77	5,714.35	16.15	15.64	-120.27	13.58	830.46	494.36	462.80	31.56	15.666		
5,900.00	5,811.72	5,901.26	5,811.99	16.47	15.97	-119.85	13.86	849.63	503.61	471.40	32.21	15.637		
6,000.00	5,910.07	6,001.76	5,909.63	16.79	16.30	-119.45	14.14	868.81	512.88	480.02	32.86	15.608		
6,100.00	6,008.42	6,102.25	6,007.27	17.11	16.63	-119.05	14.43	887.98	522.18	488.67	33.51	15.581		
6,200.00	6,106.78	6,202.75	6,104.91	17.43	16.97	-118.68	14.71	907.15	531.50	497.33	34.17	15.554		
6,300.00	6,205.13	6,303.24	6,202.55	17.76	17.30	-118.31	15.00	926.32	540.85	506.01	34.83	15.527		
6,400.00	6,303.48	6,403.74	6,300.19	18.08	17.64	-117.96	15.28	945.49	550.21	514.72	35.49	15.502		
6,500.00	6,401.83	6,504.23	6,397.83	18.41	17.97	-117.62	15.57	964.66	559.60	523.44	36.16	15.477		
6,600.00	6,500.18	6,604.73	6,495.47	18.73	18.31	-117.29	15.85	983.84	569.00	532.18	36.82	15.453		
6,700.00	6,598.49	6,705.22	6,593.12	19.06	18.65	-113.20	16.14	1,003.01	578.41	540.92	37.49	15.429		
6,800.00	6,694.58	6,805.97	6,690.51	19.45	18.99	-101.71	16.42	1,022.13	587.19	549.03	38.16	15.387		
6,900.00	6,785.47	6,891.02	6,785.68	19.92	19.27	-98.58	16.70	1,040.82	595.43	556.63	38.80	15.347		
7,000.00	6,868.90	6,988.29	6,879.73	20.48	19.65	-98.41	16.99	1,065.29	604.25	564.69	39.56	15.274		
7,100.00	6,942.84	7,090.97	6,973.76	21.13	20.16	-99.22	17.35	1,106.24	613.81	573.26	40.55	15.136		
7,200.00	7,005.45	7,199.88	7,064.94	21.87	20.84	-100.51	17.77	1,165.57	623.73	581.93	41.81	14.920		
7,300.00	7,055.21	7,315.85	7,149.40	22.70	21.72	-102.05	18.25	1,244.82	633.51	590.15	43.36	14.611		
7,400.00	7,090.87	7,439.49	7,222.03	23.61	22.81	-103.68	18.78	1,344.63	642.48	597.26	45.22	14.207		
7,500.00	7,111.57	7,570.90	7,276.56	24.59	24.13	-105.27	19.34	1,463.92	649.88	602.46	47.42	13.705		
7,600.00	7,116.95	7,709.43	7,306.30	25.62	25.66	-106.72	19.90	1,598.95	654.90	604.98	49.92	13.120		
7,700.00	7,116.60	7,830.93	7,309.79	26.71	27.07	-107.05	20.36	1,720.31	655.63	603.19	52.44	12.502		
7,800.00	7,116.25	7,930.93	7,309.37	27.85	28.27	-107.04	20.73	1,820.31	655.54	600.77	54.77	11.970		
7,900.00	7,115.90	8,030.93	7,308.96	29.06	29.52	-107.04	21.10	1,920.31	655.45	598.27	57.18	11.463		
8,000.00	7,115.55	8,130.93	7,308.54	30.31	30.81	-107.03	21.47	2,020.31	655.36	595.69	59.67	10.982		
8,100.00	7,115.21	8,230.93	7,308.12	31.60	32.14	-107.03	21.84	2,120.31	655.27	593.04	62.24	10.529		
8,200.00	7,114.86	8,330.93	7,307.70	32.92	33.49	-107.03	22.21	2,220.30	655.18	590.33	64.86	10.102		
8,300.00	7,114.51	8,430.93	7,307.29	34.28	34.88	-107.02	22.58	2,320.30	655.09	587.56	67.53	9.700		
8,400.00	7,114.16	8,530.93	7,306.87	35.66	36.29	-107.02	22.95	2,420.30	655.01	584.75	70.26	9.323		
8,500.00	7,113.81	8,630.93	7,306.45	37.07	37.72	-107.02	23.32	2,520.30	654.92	581.89	73.02	8.969		
8,600.00	7,113.46	8,730.93	7,306.03	38.51	39.17	-107.01	23.69	2,620.30	654.83	579.00	75.83	8.636		
8,700.00	7,113.11	8,830.93	7,305.62	39.96	40.64	-107.01	24.06	2,720.30	654.74	576.08	78.66	8.323		
8,800.00	7,112.76	8,930.93	7,305.20	41.42	42.12	-107.00	24.43	2,820.29	654.65	573.12	81.53	8.030		
8,900.00	7,112.41	9,030.93	7,304.78	42.91	43.62	-107.00	24.80	2,920.29	654.56	570.14	84.42	7.753		
9,000.00	7,112.06	9,130.93	7,304.37	44.40	45.12	-107.00	25.17	3,020.29	654.47	567.13	87.34	7.493		
9,100.00	7,111.71	9,230.93	7,303.95	45.91	46.64	-106.99	25.54	3,120.29	654.38	564.11	90.28	7.248		
9,200.00	7,111.37	9,330.93	7,303.53	47.43	48.17	-106.99	25.91	3,220.29	654.30	561.06	93.24	7.017		
9,300.00	7,111.02	9,430.93	7,303.11	48.96	49.71	-106.98	26.28	3,320.29	654.21	557.99	96.21	6.799		
9,400.00	7,110.67	9,530.93	7,302.70	50.50	51.26	-106.98	26.65	3,420.29	654.12	554.91	99.21	6.593		
9,500.00	7,110.32	9,630.93	7,302.28	52.05	52.82	-106.98	27.02	3,520.28	654.03	551.81	102.22	6.398		
9,600.00	7,109.97	9,730.93	7,301.86	53.60	54.38	-106.97	27.39	3,620.28	653.94	548.70	105.24	6.214		
9,700.00	7,109.62	9,830.93	7,301.45	55.17	55.95	-106.97	27.76	3,720.28	653.85	545.58	108.27	6.039		
9,800.00	7,109.27	9,930.93	7,301.03	56.73	57.52	-106.97	28.13	3,820.28	653.76	542.45	111.32	5.873		
9,900.00	7,108.92	10,030.93	7,300.61	58.31	59.10	-106.96	28.50	3,920.28	653.67	539.30	114.37	5.715		
10,000.00	7,108.57	10,130.93	7,300.19	59.89	60.69	-106.96	28.87	4,020.28	653.59	536.15	117.44	5.565		
10,100.00	7,108.22	10,230.93	7,299.78	61.47	62.28	-106.95	29.24	4,120.27	653.50	532.98	120.52	5.422		
10,200.00	7,107.87	10,330.93	7,299.36	63.06	63.87	-106.95	29.60	4,220.27	653.41	529.81	123.60	5.286		
10,300.00	7,107.52	10,430.93	7,298.94	64.66	65.47	-106.95	29.97	4,320.27	653.32	526.63	126.69	5.157		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
10,400.00	7,107.18	10,530.93	7,298.52	66.25	67.07	-106.94	30.34	4,420.27	653.23	523.44	129.79	5.033	
10,500.00	7,106.83	10,630.93	7,298.11	67.85	68.67	-106.94	30.71	4,520.27	653.14	520.25	132.89	4.915	
10,600.00	7,106.48	10,730.93	7,297.69	69.46	70.28	-106.93	31.08	4,620.27	653.05	517.05	136.01	4.802	
10,700.00	7,106.13	10,830.93	7,297.27	71.07	71.89	-106.93	31.45	4,720.26	652.97	513.84	139.12	4.693	
10,800.00	7,105.78	10,930.93	7,296.86	72.68	73.51	-106.93	31.82	4,820.26	652.88	510.63	142.24	4.590	
10,900.00	7,105.43	11,030.93	7,296.44	74.29	75.12	-106.92	32.19	4,920.26	652.79	507.42	145.37	4.490	
11,000.00	7,105.08	11,130.93	7,296.02	75.91	76.74	-106.92	32.56	5,020.26	652.70	504.19	148.50	4.395	
11,100.00	7,104.73	11,230.93	7,295.60	77.52	78.36	-106.91	32.93	5,120.26	652.61	500.97	151.64	4.304	
11,200.00	7,104.38	11,330.93	7,295.19	79.14	79.98	-106.91	33.30	5,220.26	652.52	497.74	154.78	4.216	
11,300.00	7,104.03	11,430.93	7,294.77	80.77	81.61	-106.91	33.67	5,320.25	652.43	494.51	157.93	4.131	
11,400.00	7,103.68	11,530.93	7,294.35	82.39	83.24	-106.90	34.04	5,420.25	652.34	491.27	161.08	4.050	
11,500.00	7,103.34	11,630.93	7,293.94	84.02	84.86	-106.90	34.41	5,520.25	652.26	488.03	164.23	3.972	
11,600.00	7,102.99	11,730.93	7,293.52	85.65	86.49	-106.90	34.78	5,620.25	652.17	484.78	167.38	3.896	
11,700.00	7,102.64	11,830.93	7,293.10	87.28	88.13	-106.89	35.15	5,720.25	652.08	481.54	170.54	3.824	
11,800.00	7,102.29	11,930.93	7,292.68	88.91	89.76	-106.89	35.52	5,820.25	651.99	478.29	173.70	3.753	
11,900.00	7,101.94	12,030.93	7,292.27	90.54	91.39	-106.88	35.89	5,920.25	651.90	475.03	176.87	3.686	
12,000.00	7,101.59	12,130.93	7,291.85	92.18	93.03	-106.88	36.26	6,020.24	651.81	471.78	180.04	3.620	
12,100.00	7,101.24	12,230.93	7,291.43	93.81	94.67	-106.88	36.63	6,120.24	651.72	468.52	183.21	3.557	
12,200.00	7,100.89	12,330.93	7,291.01	95.45	96.31	-106.87	37.00	6,220.24	651.64	465.26	186.38	3.496	
12,300.00	7,100.54	12,430.93	7,290.60	97.09	97.95	-106.87	37.37	6,320.24	651.55	461.99	189.55	3.437	
12,400.00	7,100.19	12,530.93	7,290.18	98.73	99.59	-106.86	37.74	6,420.24	651.46	458.73	192.73	3.380	
12,500.00	7,099.84	12,630.93	7,289.76	100.37	101.23	-106.86	38.11	6,520.24	651.37	455.46	195.91	3.325	
12,600.00	7,099.49	12,730.93	7,289.35	102.01	102.87	-106.86	38.48	6,620.23	651.28	452.19	199.09	3.271	
12,700.00	7,099.15	12,830.93	7,288.93	103.65	104.52	-106.85	38.85	6,720.23	651.19	448.92	202.27	3.219	
12,800.00	7,098.80	12,930.93	7,288.51	105.29	106.16	-106.85	39.22	6,820.23	651.10	445.65	205.46	3.169	
12,900.00	7,098.45	13,030.93	7,288.09	106.94	107.81	-106.84	39.59	6,920.23	651.01	442.37	208.64	3.120	
13,000.00	7,098.10	13,130.93	7,287.68	108.58	109.45	-106.84	39.96	7,020.23	650.93	439.09	211.83	3.073	
13,100.00	7,097.75	13,230.93	7,287.26	110.23	111.10	-106.84	40.33	7,120.23	650.84	435.82	215.02	3.027	
13,200.00	7,097.40	13,330.93	7,286.84	111.88	112.75	-106.83	40.70	7,220.22	650.75	432.54	218.21	2.982	
13,300.00	7,097.05	13,430.93	7,286.43	113.53	114.39	-106.83	41.07	7,320.22	650.66	429.26	221.41	2.939	
13,400.00	7,096.70	13,530.93	7,286.01	115.17	116.04	-106.83	41.44	7,420.22	650.57	425.97	224.60	2.897	
13,500.00	7,096.35	13,630.93	7,285.59	116.82	117.69	-106.82	41.81	7,520.22	650.48	422.69	227.79	2.856	
13,600.00	7,096.00	13,730.93	7,285.17	118.47	119.34	-106.82	42.18	7,620.22	650.39	419.40	230.99	2.816	
13,700.00	7,095.65	13,830.93	7,284.76	120.12	121.00	-106.81	42.55	7,720.22	650.31	416.12	234.19	2.777	
13,800.00	7,095.31	13,930.93	7,284.34	121.77	122.65	-106.81	42.92	7,820.21	650.22	412.83	237.39	2.739	
13,900.00	7,094.96	14,030.93	7,283.92	123.42	124.30	-106.81	43.29	7,920.21	650.13	409.54	240.59	2.702	
14,000.00	7,094.61	14,130.93	7,283.50	125.08	125.95	-106.80	43.66	8,020.21	650.04	406.25	243.79	2.666	
14,100.00	7,094.26	14,230.93	7,283.09	126.73	127.61	-106.80	44.03	8,120.21	649.95	402.96	246.99	2.631	
14,200.00	7,093.91	14,330.93	7,282.67	128.38	129.26	-106.79	44.40	8,220.21	649.86	399.67	250.20	2.597	
14,300.00	7,093.56	14,430.93	7,282.25	130.04	130.91	-106.79	44.77	8,320.21	649.77	396.37	253.40	2.564	
14,400.00	7,093.21	14,530.93	7,281.84	131.69	132.57	-106.79	45.14	8,420.21	649.69	393.08	256.61	2.532	
14,500.00	7,092.86	14,630.93	7,281.42	133.34	134.22	-106.78	45.51	8,520.20	649.60	389.78	259.81	2.500	
14,600.00	7,092.51	14,730.93	7,281.00	135.00	135.88	-106.78	45.88	8,620.20	649.51	386.49	263.02	2.469	
14,700.00	7,092.16	14,830.93	7,280.58	136.66	137.53	-106.77	46.25	8,720.20	649.42	383.19	266.23	2.439	
14,800.00	7,091.81	14,930.93	7,280.17	138.31	139.19	-106.77	46.62	8,820.20	649.33	379.89	269.44	2.410	
14,900.00	7,091.46	15,030.93	7,279.75	139.97	140.85	-106.77	46.99	8,920.20	649.24	376.59	272.65	2.381	
15,000.00	7,091.12	15,130.93	7,279.33	141.62	142.51	-106.76	47.36	9,020.20	649.15	373.29	275.86	2.353	
15,100.00	7,090.77	15,230.93	7,278.92	143.28	144.16	-106.76	47.73	9,120.19	649.07	369.99	279.07	2.326	
15,200.00	7,090.42	15,330.93	7,278.50	144.94	145.82	-106.75	48.10	9,220.19	648.98	366.69	282.28	2.299	
15,300.00	7,090.07	15,430.93	7,278.08	146.60	147.48	-106.75	48.46	9,320.19	648.89	363.39	285.50	2.273	
15,400.00	7,089.72	15,530.93	7,277.66	148.25	149.14	-106.75	48.83	9,420.19	648.80	360.09	288.71	2.247	
15,500.00	7,089.37	15,630.93	7,277.25	149.91	150.80	-106.74	49.20	9,520.19	648.71	356.79	291.92	2.222	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
15,600.00	7,089.02	15,730.93	7,276.83	151.57	152.45	-106.74	49.57	9,620.19	648.62	353.48	295.14	2.198	
15,700.00	7,088.67	15,830.93	7,276.41	153.23	154.11	-106.74	49.94	9,720.18	648.53	350.18	298.36	2.174	
15,800.00	7,088.32	15,930.93	7,275.99	154.89	155.77	-106.73	50.31	9,820.18	648.45	346.87	301.57	2.150	
15,900.00	7,087.97	16,030.93	7,275.58	156.55	157.43	-106.73	50.68	9,920.18	648.36	343.57	304.79	2.127	
16,000.00	7,087.62	16,130.93	7,275.16	158.21	159.09	-106.72	51.05	10,020.18	648.27	340.26	308.01	2.105	
16,100.00	7,087.28	16,230.93	7,274.74	159.87	160.75	-106.72	51.42	10,120.18	648.18	336.95	311.23	2.083	
16,200.00	7,086.93	16,330.93	7,274.33	161.53	162.41	-106.72	51.79	10,220.18	648.09	333.65	314.44	2.061	
16,300.00	7,086.58	16,430.92	7,273.91	163.19	164.08	-106.71	52.16	10,320.17	648.00	330.34	317.66	2.040	
16,400.00	7,086.23	16,530.92	7,273.49	164.85	165.74	-106.71	52.53	10,420.17	647.91	327.03	320.88	2.019	
16,500.00	7,085.88	16,630.92	7,273.07	166.51	167.40	-106.70	52.90	10,520.17	647.83	323.72	324.10	1.999	
16,600.00	7,085.53	16,730.92	7,272.66	168.17	169.06	-106.70	53.27	10,620.17	647.74	320.41	327.32	1.979	
16,700.00	7,085.18	16,830.92	7,272.24	169.83	170.72	-106.70	53.64	10,720.17	647.65	317.10	330.55	1.959	
16,800.00	7,084.83	16,930.92	7,271.82	171.49	172.38	-106.69	54.01	10,820.17	647.56	313.79	333.77	1.940	
16,900.00	7,084.48	17,030.92	7,271.41	173.16	174.05	-106.69	54.38	10,920.17	647.47	310.48	336.99	1.921	
17,000.00	7,084.13	17,130.92	7,270.99	174.82	175.71	-106.68	54.75	11,020.16	647.38	307.17	340.21	1.903	
17,100.00	7,083.78	17,230.92	7,270.57	176.48	177.37	-106.68	55.12	11,120.16	647.29	303.86	343.44	1.885	
17,200.00	7,083.43	17,330.92	7,270.15	178.14	179.03	-106.68	55.49	11,220.16	647.21	300.55	346.66	1.867	
17,300.00	7,083.09	17,430.92	7,269.74	179.81	180.70	-106.67	55.86	11,320.16	647.12	297.23	349.89	1.850	
17,400.00	7,082.74	17,530.92	7,269.32	181.47	182.36	-106.67	56.23	11,420.16	647.03	293.92	353.11	1.832	
17,500.00	7,082.39	17,630.92	7,268.90	183.13	184.02	-106.66	56.60	11,520.16	646.94	290.61	356.34	1.816	
17,600.00	7,082.04	17,730.92	7,268.48	184.79	185.69	-106.66	56.97	11,620.15	646.85	287.29	359.56	1.799	
17,700.00	7,081.69	17,830.92	7,268.07	186.46	187.35	-106.66	57.34	11,720.15	646.76	283.98	362.79	1.783	
17,800.00	7,081.34	17,930.92	7,267.65	188.12	189.01	-106.65	57.71	11,820.15	646.68	280.66	366.01	1.767	
17,900.00	7,080.99	18,030.92	7,267.23	189.78	190.68	-106.65	58.08	11,920.15	646.59	277.35	369.24	1.751	
17,997.31	7,080.65	18,128.24	7,266.83	191.40	192.30	-106.64	58.44	12,017.46	646.50	274.12	372.38	1.736 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.48	0.36	-40.09	40.09				
100.00	100.00	101.00	101.00	3.28	3.28	-89.48	0.36	-40.09	40.09	32.56	7.53	5.325	
200.00	200.00	201.00	201.00	3.31	3.31	-89.48	0.36	-40.09	40.09	32.52	7.57	5.293 CC	
300.00	299.98	302.14	302.13	3.35	3.35	151.69	0.21	-38.92	40.47	32.81	7.66	5.286	
400.00	399.84	403.55	403.43	3.41	3.41	154.55	-0.41	-34.26	40.52	32.75	7.77	5.215	
500.00	499.45	504.93	504.46	3.50	3.50	159.29	-1.51	-26.06	40.37	32.45	7.92	5.098	
560.31	559.36	566.04	565.20	3.56	3.57	163.08	-2.40	-19.40	40.31	32.28	8.03	5.021	
600.00	598.70	606.24	605.07	3.61	3.62	165.95	-3.07	-14.32	40.35	32.24	8.11	4.977 ES	
700.00	697.47	707.46	705.11	3.77	3.78	174.43	-5.11	0.92	40.92	32.59	8.34	4.908	
800.00	795.83	807.36	803.51	3.96	3.97	-176.59	-7.39	17.99	42.85	34.20	8.65	4.953	
900.00	894.18	907.12	901.78	4.19	4.18	-168.57	-9.66	35.06	45.79	36.77	9.02	5.075	
1,000.00	992.53	1,006.89	1,000.05	4.44	4.42	-161.63	-11.94	52.13	49.52	40.07	9.45	5.241	
1,100.00	1,090.88	1,106.65	1,098.31	4.71	4.68	-155.73	-14.22	69.20	53.86	43.94	9.92	5.427	
1,200.00	1,189.23	1,206.42	1,196.58	5.00	4.96	-150.76	-16.50	86.27	58.69	48.25	10.45	5.618	
1,300.00	1,287.58	1,306.18	1,294.85	5.31	5.25	-146.57	-18.77	103.34	63.90	52.89	11.01	5.805	
1,400.00	1,385.94	1,405.94	1,393.11	5.62	5.55	-143.02	-21.05	120.41	69.39	57.79	11.60	5.983	
1,500.00	1,484.29	1,505.71	1,491.38	5.95	5.86	-140.00	-23.33	137.48	75.11	62.89	12.21	6.149	
1,600.00	1,582.64	1,605.47	1,589.65	6.29	6.18	-137.42	-25.61	154.55	81.00	68.15	12.85	6.302	
1,700.00	1,680.99	1,705.24	1,687.91	6.63	6.51	-135.19	-27.88	171.62	87.04	73.53	13.51	6.443	
1,800.00	1,779.34	1,805.00	1,786.18	6.98	6.84	-133.25	-30.16	188.69	93.20	79.02	14.17	6.575	
1,900.00	1,877.69	1,904.76	1,884.44	7.18	7.01	-131.55	-32.44	205.76	99.45	85.27	14.17	7.016	
2,000.00	1,976.04	2,004.53	1,982.71	7.22	7.05	-130.05	-34.72	222.83	105.77	91.49	14.28	7.405	
2,100.00	2,074.39	2,104.29	2,080.98	7.28	7.11	-128.73	-36.99	239.90	112.16	97.73	14.42	7.776	
2,200.00	2,172.74	2,204.06	2,179.24	7.35	7.18	-127.54	-39.27	256.97	118.60	104.01	14.59	8.129	
2,300.00	2,271.09	2,303.82	2,277.51	7.45	7.27	-126.48	-41.55	274.04	125.08	110.30	14.78	8.460	
2,400.00	2,369.44	2,403.58	2,375.78	7.55	7.37	-125.53	-43.83	291.11	131.61	116.60	15.01	8.770	
2,500.00	2,467.79	2,503.35	2,474.04	7.68	7.49	-124.66	-46.11	308.18	138.17	122.91	15.26	9.057	
2,600.00	2,566.15	2,603.11	2,572.31	7.81	7.62	-123.87	-48.38	325.25	144.75	129.22	15.53	9.321	
2,700.00	2,664.50	2,702.88	2,670.58	7.96	7.76	-123.16	-50.66	342.32	151.37	135.54	15.83	9.562	
2,800.00	2,762.85	2,802.64	2,768.84	8.12	7.92	-122.50	-52.94	359.39	158.00	141.85	16.15	9.782	
2,900.00	2,861.20	2,902.40	2,867.11	8.30	8.09	-121.89	-55.22	376.46	164.65	148.15	16.50	9.981	
3,000.00	2,959.55	3,002.17	2,965.38	8.48	8.26	-121.33	-57.49	393.53	171.32	154.46	16.86	10.161	
3,100.00	3,057.90	3,101.93	3,063.64	8.68	8.45	-120.82	-59.77	410.60	178.00	160.76	17.25	10.322	
3,200.00	3,156.25	3,201.70	3,161.91	8.89	8.65	-120.34	-62.05	427.67	184.70	167.05	17.65	10.466	
3,300.00	3,254.60	3,301.46	3,260.18	9.10	8.86	-119.89	-64.33	444.74	191.41	173.34	18.07	10.594	
3,400.00	3,352.95	3,401.22	3,358.44	9.32	9.07	-119.48	-66.60	461.81	198.13	179.63	18.50	10.707	
3,500.00	3,451.30	3,500.99	3,456.71	9.56	9.29	-119.09	-68.88	478.88	204.86	185.90	18.95	10.808	
3,600.00	3,549.65	3,600.75	3,554.97	9.79	9.52	-118.73	-71.16	495.95	211.60	192.18	19.42	10.896	
3,700.00	3,648.00	3,700.52	3,653.24	10.04	9.76	-118.39	-73.44	513.02	218.34	198.45	19.90	10.973	
3,800.00	3,746.36	3,800.28	3,751.51	10.29	10.00	-118.07	-75.71	530.08	225.10	204.71	20.39	11.041	
3,900.00	3,844.71	3,900.04	3,849.77	10.55	10.25	-117.77	-77.99	547.15	231.86	210.97	20.89	11.100	
4,000.00	3,943.06	4,000.19	3,948.04	10.81	10.50	-117.48	-80.27	564.22	238.62	217.22	21.40	11.150	
4,100.00	4,041.41	4,100.43	4,046.31	11.08	10.76	-117.21	-82.55	581.29	245.39	223.47	21.92	11.193	
4,200.00	4,139.76	4,200.66	4,144.57	11.35	11.03	-116.96	-84.82	598.36	252.17	229.72	22.45	11.230	
4,300.00	4,238.11	4,300.90	4,242.84	11.63	11.29	-116.72	-87.10	615.43	258.95	235.96	22.99	11.261	
4,400.00	4,336.46	4,401.14	4,341.11	11.91	11.57	-116.49	-89.38	632.50	265.74	242.20	23.54	11.288	
4,500.00	4,434.81	4,501.37	4,439.37	12.20	11.84	-116.27	-91.66	649.57	272.53	248.43	24.10	11.309	
4,600.00	4,533.16	4,601.61	4,537.64	12.48	12.12	-116.06	-93.94	666.64	279.32	254.66	24.66	11.327	
4,700.00	4,631.51	4,701.84	4,635.91	12.78	12.41	-115.87	-96.21	683.71	286.12	260.89	25.23	11.341	
4,800.00	4,729.86	4,802.08	4,734.17	13.07	12.69	-115.68	-98.49	700.78	292.92	267.12	25.80	11.353	
4,900.00	4,828.21	4,902.32	4,832.44	13.37	12.98	-115.50	-100.77	717.85	299.72	273.34	26.38	11.361	
5,000.00	4,926.57	5,002.55	4,930.71	13.67	13.27	-115.33	-103.05	734.92	306.53	279.56	26.97	11.367	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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							
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	5,024.92	5,102.79	5,028.97	13.97	13.57	-115.16	-105.32	751.99	313.34	285.78	27.56	11.371	
5,200.00	5,123.27	5,203.02	5,127.24	14.28	13.86	-115.01	-107.60	769.06	320.15	292.00	28.15	11.372	
5,300.00	5,221.62	5,303.26	5,225.51	14.59	14.16	-114.86	-109.88	786.13	326.96	298.21	28.75	11.373	
5,400.00	5,319.97	5,403.50	5,323.77	14.90	14.46	-114.71	-112.16	803.20	333.78	304.42	29.35	11.371	
5,500.00	5,418.32	5,503.73	5,422.04	15.21	14.76	-114.57	-114.43	820.27	340.59	310.63	29.96	11.369	
5,600.00	5,516.67	5,603.97	5,520.30	15.52	15.07	-114.44	-116.71	837.34	347.41	316.84	30.57	11.365	
5,700.00	5,615.02	5,704.20	5,618.57	15.84	15.37	-114.31	-118.99	854.41	354.23	323.05	31.18	11.360	
5,800.00	5,713.37	5,804.44	5,716.84	16.15	15.68	-114.19	-121.27	871.48	361.06	329.26	31.80	11.354	
5,900.00	5,811.72	5,904.68	5,815.10	16.47	15.99	-114.07	-123.54	888.55	367.88	335.46	32.42	11.348	
6,000.00	5,910.07	6,004.91	5,913.37	16.79	16.30	-113.96	-125.82	905.62	374.71	341.67	33.04	11.341	
6,100.00	6,008.42	6,105.15	6,011.64	17.11	16.61	-113.85	-128.10	922.69	381.53	347.87	33.67	11.333	
6,200.00	6,106.78	6,205.38	6,109.90	17.43	16.92	-113.74	-130.38	939.76	388.36	354.07	34.29	11.325	
6,300.00	6,205.13	6,305.62	6,208.17	17.76	17.24	-113.64	-132.65	956.83	395.19	360.27	34.92	11.316	
6,400.00	6,303.48	6,405.86	6,306.44	18.08	17.55	-113.54	-134.93	973.90	402.02	366.47	35.56	11.307	
6,500.00	6,401.83	6,506.09	6,404.70	18.41	17.87	-113.44	-137.21	990.97	408.86	372.67	36.19	11.298	
6,600.00	6,500.18	6,606.33	6,502.97	18.73	18.19	-113.35	-139.49	1,008.04	415.69	378.86	36.83	11.288	
6,700.00	6,598.49	6,693.44	6,601.24	19.06	18.46	-109.55	-141.76	1,025.11	422.50	385.08	37.42	11.290	
6,800.00	6,694.58	6,786.08	6,690.99	19.45	18.81	-97.86	-143.80	1,047.65	428.85	390.74	38.10	11.255	
6,900.00	6,785.47	6,879.08	6,776.84	19.92	19.24	-93.25	-145.67	1,083.14	434.77	395.81	38.96	11.160	
7,000.00	6,868.90	6,972.52	6,856.98	20.48	19.77	-90.99	-147.33	1,131.00	440.13	400.14	39.99	11.006	
7,100.00	6,942.84	7,066.56	6,929.69	21.13	20.39	-89.84	-148.73	1,190.48	444.84	403.62	41.22	10.792	
7,200.00	7,005.45	7,161.34	6,993.32	21.87	21.12	-89.36	-149.85	1,260.60	448.80	406.15	42.65	10.522	
7,300.00	7,055.21	7,256.97	7,046.26	22.70	21.94	-89.34	-150.66	1,340.13	451.94	407.65	44.30	10.202	
7,400.00	7,090.87	7,353.58	7,087.06	23.61	22.87	-89.68	-151.13	1,427.60	454.22	408.07	46.15	9.842	
7,500.00	7,111.57	7,451.27	7,114.39	24.59	23.88	-90.30	-151.23	1,521.29	455.59	407.40	48.19	9.454	
7,600.00	7,116.95	7,550.12	7,127.15	25.62	24.95	-91.16	-150.96	1,619.21	456.05	405.69	50.36	9.056	
7,700.00	7,116.60	7,650.03	7,127.72	26.71	26.08	-91.27	-150.37	1,719.10	456.21	403.57	52.64	8.666	
7,800.00	7,116.25	7,750.03	7,127.27	27.85	27.27	-91.26	-149.77	1,819.10	456.37	401.34	55.04	8.292	
7,900.00	7,115.90	7,850.03	7,126.83	29.06	28.50	-91.24	-149.16	1,919.10	456.54	399.01	57.52	7.937	
8,000.00	7,115.55	7,950.03	7,126.38	30.31	29.78	-91.23	-148.55	2,019.10	456.70	396.61	60.09	7.600	
8,100.00	7,115.21	8,050.03	7,125.93	31.60	31.09	-91.22	-147.94	2,119.09	456.86	394.12	62.74	7.282	
8,200.00	7,114.86	8,150.03	7,125.49	32.92	32.44	-91.21	-147.34	2,219.09	457.03	391.58	65.45	6.983	
8,300.00	7,114.51	8,250.03	7,125.04	34.28	33.82	-91.19	-146.73	2,319.09	457.19	388.98	68.22	6.702	
8,400.00	7,114.16	8,350.03	7,124.59	35.66	35.22	-91.18	-146.12	2,419.08	457.35	386.32	71.03	6.439	
8,500.00	7,113.81	8,450.03	7,124.15	37.07	36.65	-91.17	-145.52	2,519.08	457.52	383.63	73.89	6.192	
8,600.00	7,113.46	8,550.03	7,123.70	38.51	38.10	-91.16	-144.91	2,619.08	457.68	380.89	76.79	5.960	
8,700.00	7,113.11	8,650.03	7,123.25	39.96	39.56	-91.14	-144.30	2,719.07	457.85	378.12	79.73	5.743	
8,800.00	7,112.76	8,750.03	7,122.81	41.42	41.04	-91.13	-143.69	2,819.07	458.01	375.32	82.69	5.539	
8,900.00	7,112.41	8,850.03	7,122.36	42.91	42.54	-91.12	-143.09	2,919.07	458.17	372.48	85.69	5.347	
9,000.00	7,112.06	8,950.03	7,121.92	44.40	44.04	-91.11	-142.48	3,019.06	458.34	369.63	88.71	5.167	
9,100.00	7,111.71	9,050.03	7,121.47	45.91	45.56	-91.09	-141.87	3,119.06	458.50	366.75	91.75	4.997	
9,200.00	7,111.37	9,150.03	7,121.02	47.43	47.09	-91.08	-141.26	3,219.06	458.66	363.85	94.81	4.838	
9,300.00	7,111.02	9,250.03	7,120.58	48.96	48.63	-91.07	-140.66	3,319.06	458.83	360.93	97.89	4.687	
9,400.00	7,110.67	9,350.03	7,120.13	50.50	50.18	-91.06	-140.05	3,419.05	458.99	358.00	100.99	4.545	
9,500.00	7,110.32	9,450.03	7,119.68	52.05	51.74	-91.04	-139.44	3,519.05	459.15	355.05	104.10	4.411	
9,600.00	7,109.97	9,550.03	7,119.24	53.60	53.30	-91.03	-138.84	3,619.05	459.32	352.09	107.23	4.283	
9,700.00	7,109.62	9,650.03	7,118.79	55.17	54.87	-91.02	-138.23	3,719.04	459.48	349.11	110.37	4.163	
9,800.00	7,109.27	9,750.03	7,118.35	56.73	56.44	-91.01	-137.62	3,819.04	459.64	346.12	113.52	4.049	
9,900.00	7,108.92	9,850.03	7,117.90	58.31	58.02	-90.99	-137.01	3,919.04	459.81	343.13	116.68	3.941	
10,000.00	7,108.57	9,950.03	7,117.45	59.89	59.61	-90.98	-136.41	4,019.03	459.97	340.12	119.86	3.838	
10,100.00	7,108.22	10,050.03	7,117.01	61.47	61.20	-90.97	-135.80	4,119.03	460.14	337.10	123.04	3.740	
10,200.00	7,107.87	10,150.03	7,116.56	63.06	62.79	-90.96	-135.19	4,219.03	460.30	334.07	126.23	3.647	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
10,300.00	7,107.52	10,250.03	7,116.11	64.66	64.39	-90.94	-134.59	4,319.03	460.46	331.04	129.42	3.558		
10,400.00	7,107.18	10,350.03	7,115.67	66.25	65.99	-90.93	-133.98	4,419.02	460.63	328.00	132.63	3.473		
10,500.00	7,106.83	10,450.03	7,115.22	67.85	67.60	-90.92	-133.37	4,519.02	460.79	324.95	135.84	3.392		
10,600.00	7,106.48	10,550.03	7,114.78	69.46	69.21	-90.91	-132.76	4,619.02	460.96	321.90	139.06	3.315		
10,700.00	7,106.13	10,650.03	7,114.33	71.07	70.82	-90.89	-132.16	4,719.01	461.12	318.84	142.28	3.241		
10,800.00	7,105.78	10,750.03	7,113.88	72.68	72.43	-90.88	-131.55	4,819.01	461.28	315.77	145.51	3.170		
10,900.00	7,105.43	10,850.03	7,113.44	74.29	74.05	-90.87	-130.94	4,919.01	461.45	312.70	148.75	3.102		
11,000.00	7,105.08	10,950.03	7,112.99	75.91	75.67	-90.86	-130.33	5,019.00	461.61	309.63	151.98	3.037		
11,100.00	7,104.73	11,050.03	7,112.54	77.52	77.29	-90.84	-129.73	5,119.00	461.78	306.55	155.23	2.975		
11,200.00	7,104.38	11,150.03	7,112.10	79.14	78.92	-90.83	-129.12	5,219.00	461.94	303.46	158.48	2.915		
11,300.00	7,104.03	11,250.03	7,111.65	80.77	80.54	-90.82	-128.51	5,319.00	462.10	300.38	161.73	2.857		
11,400.00	7,103.68	11,350.03	7,111.20	82.39	82.17	-90.81	-127.91	5,418.99	462.27	297.28	164.98	2.802		
11,500.00	7,103.34	11,450.03	7,110.76	84.02	83.80	-90.80	-127.30	5,518.99	462.43	294.19	168.24	2.749		
11,600.00	7,102.99	11,550.03	7,110.31	85.65	85.43	-90.78	-126.69	5,618.99	462.60	291.09	171.50	2.697		
11,700.00	7,102.64	11,650.02	7,109.87	87.28	87.06	-90.77	-126.08	5,718.98	462.76	287.99	174.77	2.648		
11,800.00	7,102.29	11,750.02	7,109.42	88.91	88.70	-90.76	-125.48	5,818.98	462.92	284.89	178.04	2.600		
11,900.00	7,101.94	11,850.02	7,108.97	90.54	90.33	-90.75	-124.87	5,918.98	463.09	281.78	181.31	2.554		
12,000.00	7,101.59	11,950.02	7,108.53	92.18	91.97	-90.73	-124.26	6,018.97	463.25	278.67	184.58	2.510		
12,100.00	7,101.24	12,050.02	7,108.08	93.81	93.61	-90.72	-123.65	6,118.97	463.42	275.56	187.86	2.467		
12,200.00	7,100.89	12,150.02	7,107.63	95.45	95.24	-90.71	-123.05	6,218.97	463.58	272.44	191.14	2.425		
12,300.00	7,100.54	12,250.02	7,107.19	97.09	96.88	-90.70	-122.44	6,318.97	463.75	269.33	194.42	2.385		
12,400.00	7,100.19	12,350.02	7,106.74	98.73	98.53	-90.68	-121.83	6,418.96	463.91	266.21	197.70	2.347		
12,500.00	7,099.84	12,450.02	7,106.30	100.37	100.17	-90.67	-121.23	6,518.96	464.07	263.09	200.99	2.309		
12,600.00	7,099.49	12,550.02	7,105.85	102.01	101.81	-90.66	-120.62	6,618.96	464.24	259.97	204.27	2.273		
12,700.00	7,099.15	12,650.02	7,105.40	103.65	103.46	-90.65	-120.01	6,718.95	464.40	256.84	207.56	2.237		
12,800.00	7,098.80	12,750.02	7,104.96	105.29	105.10	-90.64	-119.40	6,818.95	464.57	253.72	210.85	2.203		
12,900.00	7,098.45	12,850.02	7,104.51	106.94	106.75	-90.62	-118.80	6,918.95	464.73	250.59	214.14	2.170		
13,000.00	7,098.10	12,950.02	7,104.06	108.58	108.39	-90.61	-118.19	7,018.94	464.90	247.46	217.44	2.138		
13,100.00	7,097.75	13,050.02	7,103.62	110.23	110.04	-90.60	-117.58	7,118.94	465.06	244.33	220.73	2.107		
13,200.00	7,097.40	13,150.02	7,103.17	111.88	111.69	-90.59	-116.97	7,218.94	465.22	241.19	224.03	2.077		
13,300.00	7,097.05	13,250.02	7,102.72	113.53	113.34	-90.58	-116.37	7,318.93	465.39	238.06	227.33	2.047		
13,400.00	7,096.70	13,350.02	7,102.28	115.17	114.99	-90.56	-115.76	7,418.93	465.55	234.93	230.63	2.019		
13,500.00	7,096.35	13,450.02	7,101.83	116.82	116.64	-90.55	-115.15	7,518.93	465.72	231.79	233.93	1.991		
13,600.00	7,096.00	13,550.02	7,101.39	118.47	118.29	-90.54	-114.55	7,618.93	465.88	228.65	237.23	1.964		
13,700.00	7,095.65	13,650.02	7,100.94	120.12	119.94	-90.53	-113.94	7,718.92	466.05	225.51	240.53	1.938		
13,800.00	7,095.31	13,750.02	7,100.49	121.77	121.59	-90.51	-113.33	7,818.92	466.21	222.37	243.84	1.912		
13,900.00	7,094.96	13,850.02	7,100.05	123.42	123.25	-90.50	-112.72	7,918.92	466.38	219.23	247.14	1.887		
14,000.00	7,094.61	13,950.02	7,099.60	125.08	124.90	-90.49	-112.12	8,018.91	466.54	216.09	250.45	1.863		
14,100.00	7,094.26	14,050.02	7,099.15	126.73	126.55	-90.48	-111.51	8,118.91	466.71	212.95	253.76	1.839		
14,200.00	7,093.91	14,150.02	7,098.71	128.38	128.21	-90.47	-110.90	8,218.91	466.87	209.80	257.07	1.816		
14,300.00	7,093.56	14,250.02	7,098.26	130.04	129.86	-90.45	-110.29	8,318.90	467.03	206.66	260.37	1.794		
14,400.00	7,093.21	14,350.02	7,097.82	131.69	131.52	-90.44	-109.69	8,418.90	467.20	203.51	263.68	1.772		
14,500.00	7,092.86	14,450.02	7,097.37	133.34	133.17	-90.43	-109.08	8,518.90	467.36	200.37	267.00	1.750		
14,600.00	7,092.51	14,550.02	7,096.92	135.00	134.83	-90.42	-108.47	8,618.90	467.53	197.22	270.31	1.730		
14,700.00	7,092.16	14,650.02	7,096.48	136.66	136.48	-90.41	-107.87	8,718.89	467.69	194.07	273.62	1.709		
14,800.00	7,091.81	14,750.02	7,096.03	138.31	138.14	-90.39	-107.26	8,818.89	467.86	190.92	276.93	1.689		
14,900.00	7,091.46	14,850.02	7,095.58	139.97	139.80	-90.38	-106.65	8,918.89	468.02	187.77	280.25	1.670		
15,000.00	7,091.12	14,950.02	7,095.14	141.62	141.45	-90.37	-106.04	9,018.88	468.19	184.62	283.56	1.651		
15,100.00	7,090.77	15,050.02	7,094.69	143.28	143.11	-90.36	-105.44	9,118.88	468.35	181.47	286.88	1.633		
15,200.00	7,090.42	15,150.02	7,094.25	144.94	144.77	-90.35	-104.83	9,218.88	468.52	178.32	290.20	1.614		
15,300.00	7,090.07	15,250.02	7,093.80	146.60	146.43	-90.33	-104.22	9,318.87	468.68	175.17	293.51	1.597		
15,400.00	7,089.72	15,350.02	7,093.35	148.25	148.09	-90.32	-103.61	9,418.87	468.85	172.02	296.83	1.580		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-3B-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							
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	7,089.37	15,450.02	7,092.91	149.91	149.75	-90.31	-103.01	9,518.87	469.01	168.86	300.15	1.563	
15,600.00	7,089.02	15,550.02	7,092.46	151.57	151.41	-90.30	-102.40	9,618.87	469.18	165.71	303.47	1.546	
15,700.00	7,088.67	15,650.02	7,092.01	153.23	153.06	-90.29	-101.79	9,718.86	469.34	162.56	306.79	1.530	
15,800.00	7,088.32	15,750.02	7,091.57	154.89	154.72	-90.27	-101.19	9,818.86	469.51	159.40	310.11	1.514	
15,900.00	7,087.97	15,850.02	7,091.12	156.55	156.38	-90.26	-100.58	9,918.86	469.67	156.25	313.43	1.499	Level 3
16,000.00	7,087.62	15,950.02	7,090.67	158.21	158.04	-90.25	-99.97	10,018.85	469.84	153.09	316.75	1.483	Level 3
16,100.00	7,087.28	16,050.02	7,090.23	159.87	159.71	-90.24	-99.36	10,118.85	470.00	149.93	320.07	1.468	Level 3
16,200.00	7,086.93	16,150.02	7,089.78	161.53	161.37	-90.23	-98.76	10,218.85	470.17	146.78	323.39	1.454	Level 3
16,300.00	7,086.58	16,250.02	7,089.34	163.19	163.03	-90.21	-98.15	10,318.84	470.33	143.62	326.71	1.440	Level 3
16,400.00	7,086.23	16,350.02	7,088.89	164.85	164.69	-90.20	-97.54	10,418.84	470.50	140.46	330.04	1.426	Level 3
16,500.00	7,085.88	16,450.02	7,088.44	166.51	166.35	-90.19	-96.94	10,518.84	470.66	137.30	333.36	1.412	Level 3
16,600.00	7,085.53	16,550.02	7,088.00	168.17	168.01	-90.18	-96.33	10,618.84	470.83	134.15	336.68	1.398	Level 3
16,700.00	7,085.18	16,650.02	7,087.55	169.83	169.67	-90.17	-95.72	10,718.83	470.99	130.99	340.01	1.385	Level 3
16,800.00	7,084.83	16,750.02	7,087.10	171.49	171.34	-90.15	-95.11	10,818.83	471.16	127.83	343.33	1.372	Level 3
16,900.00	7,084.48	16,850.02	7,086.66	173.16	173.00	-90.14	-94.51	10,918.83	471.32	124.67	346.66	1.360	Level 3
17,000.00	7,084.13	16,950.02	7,086.21	174.82	174.66	-90.13	-93.90	11,018.82	471.49	121.51	349.98	1.347	Level 3
17,100.00	7,083.78	17,050.02	7,085.77	176.48	176.32	-90.12	-93.29	11,118.82	471.65	118.35	353.31	1.335	Level 3
17,200.00	7,083.43	17,150.01	7,085.32	178.14	177.99	-90.11	-92.68	11,218.82	471.82	115.19	356.63	1.323	Level 3
17,300.00	7,083.09	17,250.01	7,084.87	179.81	179.65	-90.10	-92.08	11,318.81	471.98	112.03	359.96	1.311	Level 3
17,400.00	7,082.74	17,350.01	7,084.43	181.47	181.31	-90.08	-91.47	11,418.81	472.15	108.86	363.29	1.300	Level 3
17,500.00	7,082.39	17,450.01	7,083.98	183.13	182.98	-90.07	-90.86	11,518.81	472.32	105.70	366.61	1.288	Level 3
17,600.00	7,082.04	17,550.01	7,083.53	184.79	184.64	-90.06	-90.26	11,618.80	472.48	102.54	369.94	1.277	Level 3
17,700.00	7,081.69	17,650.01	7,083.09	186.46	186.30	-90.05	-89.65	11,718.80	472.65	99.38	373.27	1.266	Level 3
17,800.00	7,081.34	17,750.01	7,082.64	188.12	187.97	-90.04	-89.04	11,818.80	472.81	96.22	376.60	1.255	Level 3
17,900.00	7,080.99	17,850.01	7,082.20	189.78	189.63	-90.02	-88.43	11,918.80	472.98	93.05	379.92	1.245	Level 2
17,997.31	7,080.65	17,947.33	7,081.76	191.40	191.25	-90.01	-87.84	12,016.11	473.14	89.97	383.16	1.235	Level 2, SF

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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							
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	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	299.98	300.67	300.65	3.35	3.35	152.14	-0.18	-18.36	19.90	12.25	7.65	2.600	
400.00	399.84	401.34	401.17	3.41	3.41	155.09	-1.82	-13.32	19.49	11.72	7.76	2.510	
500.00	499.45	501.98	501.42	3.50	3.50	160.24	-4.55	-4.92	18.92	11.01	7.91	2.392	
600.00	598.70	602.60	601.28	3.61	3.62	167.89	-8.36	6.82	18.40	10.31	8.10	2.273	
680.68	678.43	683.76	681.46	3.74	3.74	175.93	-12.23	18.71	18.22	9.95	8.27	2.202 CC	
700.00	697.47	703.11	700.53	3.77	3.78	178.06	-13.24	21.83	18.26	9.94	8.32	2.194	
800.00	795.83	803.04	799.00	3.96	3.97	-171.66	-18.50	38.01	19.83	11.19	8.64	2.295	
900.00	894.18	902.96	897.47	4.19	4.19	-163.17	-23.76	54.19	22.00	12.99	9.01	2.441	
1,000.00	992.53	1,002.89	995.94	4.44	4.43	-156.33	-29.01	70.36	24.56	15.13	9.44	2.603	
1,100.00	1,090.88	1,102.82	1,094.41	4.71	4.69	-150.84	-34.27	86.54	27.41	17.50	9.91	2.765	
1,200.00	1,189.23	1,202.75	1,192.88	5.00	4.97	-146.41	-39.52	102.72	30.46	20.03	10.43	2.920	
1,300.00	1,287.58	1,302.68	1,291.35	5.31	5.26	-142.81	-44.78	118.89	33.66	22.67	10.99	3.064	
1,400.00	1,385.94	1,402.61	1,389.82	5.62	5.56	-139.84	-50.04	135.07	36.97	25.40	11.57	3.195	
1,500.00	1,484.29	1,502.54	1,488.29	5.95	5.88	-137.37	-55.29	151.24	40.36	28.18	12.18	3.314	
1,600.00	1,582.64	1,602.46	1,586.76	6.29	6.20	-135.28	-60.55	167.42	43.82	31.01	12.81	3.421	
1,700.00	1,680.99	1,702.39	1,685.23	6.63	6.53	-133.50	-65.80	183.60	47.32	33.87	13.45	3.518	
1,800.00	1,779.34	1,802.32	1,783.70	6.98	6.86	-131.96	-71.06	199.77	50.87	36.76	14.11	3.606	
1,900.00	1,877.69	1,902.25	1,882.17	7.18	7.04	-130.63	-76.32	215.95	54.44	40.34	14.10	3.861	
2,000.00	1,976.04	2,002.18	1,980.65	7.22	7.08	-129.46	-81.57	232.13	58.05	43.84	14.20	4.087	
2,100.00	2,074.39	2,102.11	2,079.12	7.28	7.13	-128.43	-86.83	248.30	61.67	47.34	14.33	4.303	
2,200.00	2,172.74	2,202.04	2,177.59	7.35	7.21	-127.51	-92.08	264.48	65.31	50.82	14.49	4.506	
2,300.00	2,271.09	2,301.96	2,276.06	7.45	7.29	-126.69	-97.34	280.65	68.97	54.29	14.68	4.698	
2,400.00	2,369.44	2,401.89	2,374.53	7.55	7.40	-125.95	-102.60	296.83	72.64	57.74	14.90	4.876	
2,500.00	2,467.79	2,501.82	2,473.00	7.68	7.51	-125.29	-107.85	313.01	76.31	61.17	15.14	5.041	
2,600.00	2,566.15	2,601.75	2,571.47	7.81	7.64	-124.68	-113.11	329.18	80.00	64.60	15.41	5.192	
2,700.00	2,664.50	2,701.68	2,669.94	7.96	7.79	-124.13	-118.36	345.36	83.70	68.00	15.70	5.331	
2,800.00	2,762.85	2,801.61	2,768.41	8.12	7.94	-123.63	-123.62	361.54	87.40	71.39	16.02	5.457	
2,900.00	2,861.20	2,901.54	2,866.88	8.30	8.11	-123.16	-128.88	377.71	91.11	74.76	16.36	5.571	
3,000.00	2,959.55	3,001.46	2,965.35	8.48	8.29	-122.73	-134.13	393.89	94.83	78.11	16.72	5.673	
3,100.00	3,057.90	3,101.39	3,063.82	8.68	8.47	-122.34	-139.39	410.07	98.55	81.46	17.10	5.765	
3,200.00	3,156.25	3,201.32	3,162.29	8.89	8.67	-121.97	-144.64	426.24	102.28	84.78	17.49	5.847	
3,300.00	3,254.60	3,301.25	3,260.76	9.10	8.88	-121.63	-149.90	442.42	106.00	88.10	17.91	5.919	
3,400.00	3,352.95	3,401.18	3,359.23	9.32	9.09	-121.32	-155.16	458.59	109.74	91.40	18.34	5.984	
3,500.00	3,451.30	3,501.11	3,457.70	9.56	9.32	-121.02	-160.41	474.77	113.47	94.69	18.78	6.041	
3,600.00	3,549.65	3,601.03	3,556.17	9.79	9.55	-120.74	-165.67	490.95	117.21	97.97	19.24	6.091	
3,700.00	3,648.00	3,700.96	3,654.64	10.04	9.78	-120.48	-170.92	507.12	120.95	101.23	19.72	6.134	
3,800.00	3,746.36	3,800.89	3,753.11	10.29	10.02	-120.24	-176.18	523.30	124.69	104.49	20.20	6.172	
3,900.00	3,844.71	3,900.82	3,851.58	10.55	10.27	-120.00	-181.44	539.48	128.44	107.74	20.70	6.205	
4,000.00	3,943.06	4,000.75	3,950.05	10.81	10.53	-119.79	-186.69	555.65	132.19	110.98	21.21	6.234	
4,100.00	4,041.41	4,100.68	4,048.52	11.08	10.78	-119.58	-191.95	571.83	135.94	114.22	21.72	6.258	
4,200.00	4,139.76	4,200.61	4,146.99	11.35	11.05	-119.39	-197.20	588.00	139.69	117.44	22.25	6.279	
4,300.00	4,238.11	4,300.53	4,245.46	11.63	11.32	-119.20	-202.46	604.18	143.44	120.66	22.78	6.297	
4,400.00	4,336.46	4,400.46	4,343.93	11.91	11.59	-119.03	-207.72	620.36	147.19	123.87	23.32	6.311	
4,500.00	4,434.81	4,500.39	4,442.40	12.20	11.86	-118.86	-212.97	636.53	150.95	127.08	23.87	6.324	
4,600.00	4,533.16	4,600.32	4,540.87	12.48	12.14	-118.70	-218.23	652.71	154.70	130.28	24.43	6.333	
4,700.00	4,631.51	4,700.25	4,639.35	12.78	12.42	-118.55	-223.48	668.89	158.46	133.47	24.99	6.341	
4,800.00	4,729.86	4,800.18	4,737.82	13.07	12.71	-118.41	-228.74	685.06	162.22	136.66	25.56	6.348	
4,900.00	4,828.21	4,900.11	4,836.29	13.37	13.00	-118.27	-234.00	701.24	165.98	139.85	26.13	6.352	
5,000.00	4,926.57	5,000.03	4,934.76	13.67	13.29	-118.14	-239.25	717.42	169.74	143.03	26.71	6.355	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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							
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	5,024.92	5,100.04	5,033.23	13.97	13.58	-118.02	-244.51	733.59	173.50	146.21	27.29	6.357	
5,200.00	5,123.27	5,200.11	5,131.70	14.28	13.87	-117.90	-249.76	749.77	177.26	149.38	27.88	6.358	
5,300.00	5,221.62	5,299.82	5,230.17	14.59	14.17	-117.78	-255.02	765.94	181.03	152.55	28.47	6.358	
5,400.00	5,319.97	5,400.25	5,328.64	14.90	14.47	-117.67	-260.28	782.12	184.79	155.72	29.07	6.357	
5,500.00	5,418.32	5,500.32	5,427.11	15.21	14.77	-117.56	-265.53	798.30	188.55	158.88	29.67	6.355	
5,600.00	5,516.67	5,600.39	5,525.58	15.52	15.08	-117.46	-270.79	814.47	192.32	162.04	30.27	6.353	
5,700.00	5,615.02	5,700.47	5,624.05	15.84	15.38	-117.36	-276.04	830.65	196.08	165.20	30.88	6.350	
5,800.00	5,713.37	5,800.54	5,722.52	16.15	15.69	-117.27	-281.30	846.83	199.85	168.36	31.49	6.346	
5,900.00	5,811.72	5,899.39	5,820.99	16.47	16.00	-117.18	-286.56	863.00	203.62	171.51	32.10	6.343	
6,000.00	5,910.07	6,000.68	5,919.46	16.79	16.31	-117.09	-291.81	879.18	207.38	174.66	32.72	6.338	
6,100.00	6,008.42	6,100.75	6,017.93	17.11	16.62	-117.01	-297.07	895.35	211.15	177.81	33.34	6.333	
6,200.00	6,106.78	6,200.82	6,116.40	17.43	16.93	-116.93	-302.32	911.53	214.92	180.96	33.96	6.328	
6,300.00	6,205.13	6,300.89	6,214.87	17.76	17.25	-116.85	-307.58	927.71	218.69	184.10	34.59	6.323	
6,400.00	6,303.48	6,400.97	6,313.34	18.08	17.56	-116.77	-312.84	943.88	222.45	187.24	35.21	6.318	
6,500.00	6,401.83	6,501.04	6,411.81	18.41	17.88	-116.70	-318.09	960.06	226.22	190.38	35.84	6.312	
6,600.00	6,500.18	6,601.11	6,510.28	18.73	18.19	-116.63	-323.35	976.24	229.99	193.52	36.47	6.306	
6,700.00	6,598.49	6,701.18	6,608.75	19.06	18.51	-112.91	-328.60	992.41	233.75	196.65	37.10	6.301	
6,800.00	6,694.58	6,797.84	6,706.06	19.45	18.83	-103.28	-333.80	1,009.85	237.03	199.39	37.64	6.298	
6,900.00	6,785.47	6,897.22	6,800.54	19.92	19.24	-101.13	-338.83	1,039.93	240.42	202.12	38.30	6.277	
7,000.00	6,868.90	6,998.39	6,890.73	20.48	19.75	-101.11	-343.62	1,085.28	243.99	204.81	39.17	6.228	
7,100.00	6,942.84	7,101.41	6,974.03	21.13	20.37	-101.94	-348.03	1,145.55	247.59	207.33	40.27	6.149	
7,200.00	7,005.45	7,206.30	7,047.74	21.87	21.12	-103.13	-351.92	1,219.91	251.08	209.48	41.60	6.036	
7,300.00	7,055.21	7,313.02	7,109.21	22.70	21.99	-104.43	-355.14	1,306.93	254.25	211.06	43.18	5.888	
7,400.00	7,090.87	7,421.44	7,155.92	23.61	22.98	-105.72	-357.56	1,404.60	256.91	211.88	45.02	5.706	
7,500.00	7,111.57	7,531.36	7,185.71	24.59	24.07	-106.91	-359.07	1,510.26	258.87	211.77	47.10	5.496	
7,600.00	7,116.95	7,642.51	7,196.95	25.62	25.25	-107.92	-359.59	1,620.69	259.93	210.55	49.38	5.264	
7,700.00	7,116.60	7,743.78	7,196.58	26.71	26.38	-107.94	-359.49	1,721.96	259.60	207.97	51.63	5.028	
7,800.00	7,116.25	7,843.77	7,196.10	27.85	27.54	-107.94	-359.39	1,821.95	259.24	205.29	53.95	4.805	
7,900.00	7,115.90	7,943.77	7,195.63	29.06	28.76	-107.94	-359.29	1,921.95	258.88	202.52	56.36	4.593	
8,000.00	7,115.55	8,043.77	7,195.15	30.31	30.03	-107.93	-359.18	2,021.95	258.51	199.67	58.84	4.393	
8,100.00	7,115.21	8,143.77	7,194.68	31.60	31.33	-107.93	-359.08	2,121.95	258.15	196.75	61.40	4.204	
8,200.00	7,114.86	8,243.77	7,194.20	32.92	32.67	-107.93	-358.98	2,221.95	257.79	193.78	64.02	4.027	
8,300.00	7,114.51	8,343.77	7,193.73	34.28	34.04	-107.92	-358.88	2,321.94	257.43	190.74	66.69	3.860	
8,400.00	7,114.16	8,443.77	7,193.25	35.66	35.44	-107.92	-358.77	2,421.94	257.07	187.66	69.40	3.704	
8,500.00	7,113.81	8,543.77	7,192.78	37.07	36.86	-107.92	-358.67	2,521.94	256.71	184.54	72.16	3.557	
8,600.00	7,113.46	8,643.77	7,192.30	38.51	38.30	-107.91	-358.57	2,621.94	256.34	181.39	74.96	3.420	
8,700.00	7,113.11	8,743.77	7,191.82	39.96	39.76	-107.91	-358.47	2,721.94	255.98	178.19	77.79	3.291	
8,800.00	7,112.76	8,843.77	7,191.35	41.42	41.23	-107.91	-358.36	2,821.94	255.62	174.97	80.65	3.170	
8,900.00	7,112.41	8,943.77	7,190.87	42.91	42.72	-107.90	-358.26	2,921.93	255.26	171.72	83.53	3.056	
9,000.00	7,112.06	9,043.77	7,190.40	44.40	44.22	-107.90	-358.16	3,021.93	254.90	168.45	86.45	2.949	
9,100.00	7,111.71	9,143.77	7,189.92	45.91	45.74	-107.90	-358.06	3,121.93	254.54	165.16	89.38	2.848	
9,200.00	7,111.37	9,243.77	7,189.45	47.43	47.26	-107.89	-357.95	3,221.93	254.17	161.84	92.33	2.753	
9,300.00	7,111.02	9,343.76	7,188.97	48.96	48.80	-107.89	-357.85	3,321.93	253.81	158.51	95.30	2.663	
9,400.00	7,110.67	9,443.76	7,188.50	50.50	50.34	-107.88	-357.75	3,421.92	253.45	155.17	98.29	2.579	
9,500.00	7,110.32	9,543.76	7,188.02	52.05	51.90	-107.88	-357.65	3,521.92	253.09	151.80	101.29	2.499	
9,600.00	7,109.97	9,643.76	7,187.55	53.60	53.46	-107.88	-357.54	3,621.92	252.73	148.43	104.30	2.423	
9,700.00	7,109.62	9,743.76	7,187.07	55.17	55.02	-107.87	-357.44	3,721.92	252.37	145.04	107.33	2.351	
9,800.00	7,109.27	9,843.76	7,186.59	56.73	56.59	-107.87	-357.34	3,821.92	252.00	141.64	110.36	2.283	
9,900.00	7,108.92	9,943.76	7,186.12	58.31	58.17	-107.87	-357.24	3,921.92	251.64	138.23	113.41	2.219	
10,000.00	7,108.57	10,043.76	7,185.64	59.89	59.76	-107.86	-357.13	4,021.91	251.28	134.81	116.47	2.157	
10,100.00	7,108.22	10,143.76	7,185.17	61.47	61.34	-107.86	-357.03	4,121.91	250.92	131.38	119.54	2.099	
10,200.00	7,107.87	10,243.76	7,184.69	63.06	62.94	-107.85	-356.93	4,221.91	250.56	127.94	122.61	2.043	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
10,300.00	7,107.52	10,343.76	7,184.22	64.66	64.53	-107.85	-356.83	4,321.91	250.20	124.50	125.69	1.991	
10,400.00	7,107.18	10,443.76	7,183.74	66.25	66.13	-107.85	-356.72	4,421.91	249.83	121.05	128.78	1.940	
10,500.00	7,106.83	10,543.76	7,183.27	67.85	67.74	-107.84	-356.62	4,521.90	249.47	117.59	131.88	1.892	
10,600.00	7,106.48	10,643.76	7,182.79	69.46	69.34	-107.84	-356.52	4,621.90	249.11	114.13	134.98	1.845	
10,700.00	7,106.13	10,743.76	7,182.31	71.07	70.96	-107.84	-356.42	4,721.90	248.75	110.66	138.09	1.801	
10,800.00	7,105.78	10,843.75	7,181.84	72.68	72.57	-107.83	-356.31	4,821.90	248.39	107.18	141.20	1.759	
10,900.00	7,105.43	10,943.75	7,181.36	74.29	74.18	-107.83	-356.21	4,921.90	248.03	103.70	144.32	1.719	
11,000.00	7,105.08	11,043.75	7,180.89	75.91	75.80	-107.82	-356.11	5,021.90	247.66	100.22	147.45	1.680	
11,100.00	7,104.73	11,143.75	7,180.41	77.52	77.42	-107.82	-356.01	5,121.89	247.30	96.73	150.57	1.642	
11,200.00	7,104.38	11,243.75	7,179.94	79.14	79.05	-107.82	-355.90	5,221.89	246.94	93.23	153.71	1.607	
11,300.00	7,104.03	11,343.75	7,179.46	80.77	80.67	-107.81	-355.80	5,321.89	246.58	89.74	156.84	1.572	
11,400.00	7,103.68	11,443.75	7,178.99	82.39	82.30	-107.81	-355.70	5,421.89	246.22	86.24	159.98	1.539	
11,500.00	7,103.34	11,543.75	7,178.51	84.02	83.93	-107.81	-355.60	5,521.89	245.86	82.73	163.12	1.507	
11,600.00	7,102.99	11,643.75	7,178.04	85.65	85.56	-107.80	-355.49	5,621.88	245.49	79.22	166.27	1.476	Level 3
11,700.00	7,102.64	11,743.75	7,177.56	87.28	87.19	-107.80	-355.39	5,721.88	245.13	75.71	169.42	1.447	Level 3
11,800.00	7,102.29	11,843.75	7,177.08	88.91	88.82	-107.79	-355.29	5,821.88	244.77	72.20	172.57	1.418	Level 3
11,900.00	7,101.94	11,943.75	7,176.61	90.54	90.46	-107.79	-355.19	5,921.88	244.41	68.68	175.73	1.391	Level 3
12,000.00	7,101.59	12,043.75	7,176.13	92.18	92.09	-107.79	-355.08	6,021.88	244.05	65.16	178.88	1.364	Level 3
12,100.00	7,101.24	12,143.75	7,175.66	93.81	93.73	-107.78	-354.98	6,121.87	243.69	61.64	182.04	1.339	Level 3
12,200.00	7,100.89	12,243.75	7,175.18	95.45	95.37	-107.78	-354.88	6,221.87	243.32	58.12	185.21	1.314	Level 3
12,300.00	7,100.54	12,343.75	7,174.71	97.09	97.01	-107.77	-354.78	6,321.87	242.96	54.59	188.37	1.290	Level 3
12,400.00	7,100.19	12,443.74	7,174.23	98.73	98.65	-107.77	-354.67	6,421.87	242.60	51.06	191.54	1.267	Level 3
12,500.00	7,099.84	12,543.74	7,173.76	100.37	100.29	-107.77	-354.57	6,521.87	242.24	47.53	194.71	1.244	Level 2
12,600.00	7,099.49	12,643.74	7,173.28	102.01	101.93	-107.76	-354.47	6,621.87	241.88	44.00	197.88	1.222	Level 2
12,700.00	7,099.15	12,743.74	7,172.80	103.65	103.58	-107.76	-354.37	6,721.86	241.52	40.46	201.05	1.201	Level 2
12,800.00	7,098.80	12,843.74	7,172.33	105.29	105.22	-107.75	-354.26	6,821.86	241.15	36.93	204.23	1.181	Level 2
12,900.00	7,098.45	12,943.74	7,171.85	106.94	106.87	-107.75	-354.16	6,921.86	240.79	33.39	207.40	1.161	Level 2
13,000.00	7,098.10	13,043.74	7,171.38	108.58	108.51	-107.75	-354.06	7,021.86	240.43	29.85	210.58	1.142	Level 2
13,100.00	7,097.75	13,143.74	7,170.90	110.23	110.16	-107.74	-353.96	7,121.86	240.07	26.31	213.76	1.123	Level 2
13,200.00	7,097.40	13,243.74	7,170.43	111.88	111.81	-107.74	-353.85	7,221.85	239.71	22.77	216.94	1.105	Level 2
13,300.00	7,097.05	13,343.74	7,169.95	113.53	113.46	-107.73	-353.75	7,321.85	239.35	19.22	220.12	1.087	Level 2
13,400.00	7,096.70	13,443.74	7,169.48	115.17	115.11	-107.73	-353.65	7,421.85	238.98	15.68	223.31	1.070	Level 2
13,500.00	7,096.35	13,543.74	7,169.00	116.82	116.76	-107.73	-353.55	7,521.85	238.62	12.13	226.49	1.054	Level 2
13,600.00	7,096.00	13,643.74	7,168.53	118.47	118.41	-107.72	-353.44	7,621.85	238.26	8.58	229.68	1.037	Level 2
13,700.00	7,095.65	13,743.74	7,168.05	120.12	120.06	-107.72	-353.34	7,721.85	237.90	5.03	232.87	1.022	Level 2
13,800.00	7,095.31	13,843.74	7,167.57	121.77	121.71	-107.71	-353.24	7,821.84	237.54	1.48	236.06	1.006	Level 2
13,900.00	7,094.96	13,943.73	7,167.10	123.42	123.36	-107.71	-353.14	7,921.84	237.18	-2.07	239.25	0.991	Level 1
14,000.00	7,094.61	14,043.73	7,166.62	125.08	125.02	-107.71	-353.03	8,021.84	236.81	-5.63	242.44	0.977	Level 1
14,100.00	7,094.26	14,143.73	7,166.15	126.73	126.67	-107.70	-352.93	8,121.84	236.45	-9.18	245.63	0.963	Level 1
14,200.00	7,093.91	14,243.73	7,165.67	128.38	128.33	-107.70	-352.83	8,221.84	236.09	-12.74	248.83	0.949	Level 1
14,300.00	7,093.56	14,343.73	7,165.20	130.04	129.98	-107.69	-352.73	8,321.83	235.73	-16.29	252.02	0.935	Level 1
14,400.00	7,093.21	14,443.73	7,164.72	131.69	131.64	-107.69	-352.62	8,421.83	235.37	-19.85	255.22	0.922	Level 1
14,500.00	7,092.86	14,543.73	7,164.25	133.34	133.29	-107.68	-352.52	8,521.83	235.01	-23.41	258.41	0.909	Level 1
14,600.00	7,092.51	14,643.73	7,163.77	135.00	134.95	-107.68	-352.42	8,621.83	234.64	-26.97	261.61	0.897	Level 1
14,700.00	7,092.16	14,743.73	7,163.29	136.66	136.60	-107.68	-352.32	8,721.83	234.28	-30.53	264.81	0.885	Level 1
14,800.00	7,091.81	14,843.73	7,162.82	138.31	138.26	-107.67	-352.21	8,821.83	233.92	-34.09	268.01	0.873	Level 1
14,900.00	7,091.46	14,943.73	7,162.34	139.97	139.92	-107.67	-352.11	8,921.82	233.56	-37.65	271.21	0.861	Level 1
15,000.00	7,091.12	15,043.73	7,161.87	141.62	141.57	-107.66	-352.01	9,021.82	233.20	-41.21	274.41	0.850	Level 1
15,100.00	7,090.77	15,143.73	7,161.39	143.28	143.23	-107.66	-351.91	9,121.82	232.84	-44.78	277.61	0.839	Level 1
15,200.00	7,090.42	15,243.73	7,160.92	144.94	144.89	-107.65	-351.80	9,221.82	232.47	-48.34	280.81	0.828	Level 1
15,300.00	7,090.07	15,343.73	7,160.44	146.60	146.55	-107.65	-351.70	9,321.82	232.11	-51.90	284.02	0.817	Level 1
15,400.00	7,089.72	15,443.72	7,159.97	148.25	148.21	-107.65	-351.60	9,421.81	231.75	-55.47	287.22	0.807	Level 1

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
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							
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	7,089.37	15,543.72	7,159.49	149.91	149.87	-107.64	-351.50	9,521.81	231.39	-59.04	290.43	0.797	Level 1
15,600.00	7,089.02	15,643.72	7,159.02	151.57	151.53	-107.64	-351.39	9,621.81	231.03	-62.60	293.63	0.787	Level 1
15,700.00	7,088.67	15,743.72	7,158.54	153.23	153.19	-107.63	-351.29	9,721.81	230.67	-66.17	296.84	0.777	Level 1
15,800.00	7,088.32	15,843.72	7,158.06	154.89	154.85	-107.63	-351.19	9,821.81	230.31	-69.74	300.04	0.768	Level 1
15,900.00	7,087.97	15,943.72	7,157.59	156.55	156.51	-107.62	-351.09	9,921.81	229.94	-73.31	303.25	0.758	Level 1
16,000.00	7,087.62	16,043.72	7,157.11	158.21	158.17	-107.62	-350.98	10,021.80	229.58	-76.88	306.46	0.749	Level 1
16,100.00	7,087.28	16,143.72	7,156.64	159.87	159.83	-107.62	-350.88	10,121.80	229.22	-80.45	309.67	0.740	Level 1
16,200.00	7,086.93	16,243.72	7,156.16	161.53	161.49	-107.61	-350.78	10,221.80	228.86	-84.02	312.88	0.731	Level 1
16,300.00	7,086.58	16,343.72	7,155.69	163.19	163.15	-107.61	-350.68	10,321.80	228.50	-87.59	316.09	0.723	Level 1
16,400.00	7,086.23	16,443.72	7,155.21	164.85	164.81	-107.60	-350.57	10,421.80	228.14	-91.16	319.30	0.714	Level 1
16,500.00	7,085.88	16,543.72	7,154.74	166.51	166.47	-107.60	-350.47	10,521.79	227.77	-94.73	322.51	0.706	Level 1
16,600.00	7,085.53	16,643.72	7,154.26	168.17	168.13	-107.59	-350.37	10,621.79	227.41	-98.31	325.72	0.698	Level 1
16,700.00	7,085.18	16,743.72	7,153.79	169.83	169.80	-107.59	-350.27	10,721.79	227.05	-101.88	328.93	0.690	Level 1
16,800.00	7,084.83	16,843.72	7,153.31	171.49	171.46	-107.58	-350.16	10,821.79	226.69	-105.46	332.14	0.683	Level 1
16,900.00	7,084.48	16,943.72	7,152.83	173.16	173.12	-107.58	-350.06	10,921.79	226.33	-109.03	335.36	0.675	Level 1
17,000.00	7,084.13	17,043.71	7,152.36	174.82	174.78	-107.57	-349.96	11,021.78	225.97	-112.61	338.57	0.667	Level 1
17,100.00	7,083.78	17,143.71	7,151.88	176.48	176.45	-107.57	-349.86	11,121.78	225.60	-116.18	341.79	0.660	Level 1
17,200.00	7,083.43	17,243.71	7,151.41	178.14	178.11	-107.57	-349.75	11,221.78	225.24	-119.76	345.00	0.653	Level 1
17,300.00	7,083.09	17,343.71	7,150.93	179.81	179.77	-107.56	-349.65	11,321.78	224.88	-123.33	348.21	0.646	Level 1
17,400.00	7,082.74	17,443.71	7,150.46	181.47	181.44	-107.56	-349.55	11,421.78	224.52	-126.91	351.43	0.639	Level 1
17,500.00	7,082.39	17,543.71	7,149.98	183.13	183.10	-107.55	-349.45	11,521.78	224.16	-130.49	354.65	0.632	Level 1
17,600.00	7,082.04	17,643.71	7,149.51	184.79	184.76	-107.55	-349.34	11,621.77	223.80	-134.07	357.86	0.625	Level 1
17,700.00	7,081.69	17,743.71	7,149.03	186.46	186.43	-107.54	-349.24	11,721.77	223.43	-137.64	361.08	0.619	Level 1
17,800.00	7,081.34	17,843.71	7,148.55	188.12	188.09	-107.54	-349.14	11,821.77	223.07	-141.22	364.30	0.612	Level 1
17,900.00	7,080.99	17,943.71	7,148.08	189.78	189.76	-107.53	-349.04	11,921.77	222.71	-144.80	367.51	0.606	Level 1
17,997.31	7,080.65	18,041.02	7,147.62	191.40	191.38	-107.53	-348.94	12,019.08	222.36	-148.28	370.64	0.600	Level 1, ES, SF

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.48	0.73	-80.18	80.19				
100.00	100.00	101.00	101.00	3.28	3.28	-89.48	0.73	-80.18	80.19	72.66	7.53	10.650	
200.00	200.00	201.00	201.00	3.31	3.31	-89.48	0.73	-80.18	80.19	72.61	7.57	10.587 CC, ES	
300.00	299.98	300.98	300.98	3.35	3.35	151.26	0.73	-80.18	81.71	74.05	7.66	10.666	
400.00	399.84	400.84	400.84	3.41	3.42	152.88	0.73	-80.18	86.34	78.55	7.79	11.084	
500.00	499.45	500.45	500.45	3.50	3.50	155.23	0.73	-80.18	94.18	86.22	7.96	11.826	
600.00	598.70	600.30	599.70	3.61	3.61	157.92	0.73	-80.18	105.38	97.20	8.18	12.877	
700.00	697.47	701.53	698.47	3.77	3.74	160.63	0.73	-80.18	120.04	111.59	8.45	14.210	
800.00	795.83	803.17	796.83	3.96	3.88	163.10	0.73	-80.18	137.18	128.44	8.75	15.682	
900.00	894.18	904.82	895.18	4.19	4.03	165.05	0.73	-80.18	154.60	145.53	9.07	17.040	
1,000.00	992.53	1,006.47	993.53	4.44	4.20	166.60	0.73	-80.18	172.15	162.73	9.43	18.263	
1,100.00	1,090.88	1,091.88	1,091.88	4.71	4.35	167.86	0.73	-80.18	189.81	180.03	9.78	19.416	
1,200.00	1,189.23	1,196.54	1,196.52	5.00	4.54	169.17	0.90	-78.56	206.16	195.99	10.17	20.280	
1,300.00	1,287.58	1,302.62	1,302.45	5.31	4.73	170.73	1.48	-73.06	219.33	208.77	10.56	20.765	
1,400.00	1,385.94	1,409.30	1,408.70	5.62	4.93	172.58	2.47	-63.59	229.39	218.41	10.98	20.900	
1,500.00	1,484.29	1,516.31	1,514.84	5.95	5.16	174.75	3.88	-50.15	236.42	225.02	11.40	20.730	
1,600.00	1,582.64	1,623.33	1,620.43	6.29	5.41	177.29	5.71	-32.78	240.59	228.74	11.85	20.299	
1,700.00	1,680.99	1,730.08	1,725.02	6.63	5.69	-179.73	7.94	-11.55	242.14	229.81	12.32	19.649	
1,800.00	1,779.34	1,829.32	1,821.86	6.98	5.93	-176.73	10.21	10.02	242.77	230.13	12.63	19.215	
1,900.00	1,877.69	1,928.50	1,918.64	7.18	6.06	-173.76	12.47	31.57	244.07	231.39	12.68	19.247	
2,000.00	1,976.04	2,027.68	2,015.42	7.22	6.10	-170.82	14.74	53.12	246.03	233.28	12.75	19.290	
2,100.00	2,074.39	2,126.86	2,112.20	7.28	6.17	-167.94	17.00	74.67	248.64	235.77	12.87	19.317	
2,200.00	2,172.74	2,226.03	2,208.99	7.35	6.25	-165.13	19.27	96.22	251.87	238.84	13.03	19.329	
2,300.00	2,271.09	2,325.21	2,305.77	7.45	6.36	-162.39	21.53	117.77	255.70	242.47	13.23	19.325	
2,400.00	2,369.44	2,424.39	2,402.55	7.55	6.49	-159.74	23.80	139.32	260.11	246.64	13.47	19.308	
2,500.00	2,467.79	2,523.57	2,499.33	7.68	6.64	-157.18	26.06	160.87	265.06	251.31	13.75	19.278	
2,600.00	2,566.15	2,622.75	2,596.11	7.81	6.80	-154.71	28.33	182.42	270.52	256.46	14.06	19.238	
2,700.00	2,664.50	2,721.92	2,692.89	7.96	6.98	-152.35	30.59	203.97	276.47	262.07	14.41	19.189	
2,800.00	2,762.85	2,821.10	2,789.67	8.12	7.18	-150.09	32.86	225.52	282.88	268.09	14.78	19.135	
2,900.00	2,861.20	2,920.28	2,886.46	8.30	7.39	-147.93	35.12	247.07	289.71	274.52	15.19	19.076	
3,000.00	2,959.55	3,019.46	2,983.24	8.48	7.61	-145.87	37.39	268.62	296.93	281.31	15.62	19.014	
3,100.00	3,057.90	3,118.63	3,080.02	8.68	7.84	-143.91	39.65	290.17	304.52	288.45	16.07	18.952	
3,200.00	3,156.25	3,217.81	3,176.80	8.89	8.08	-142.05	41.92	311.72	312.45	295.91	16.54	18.889	
3,300.00	3,254.60	3,316.99	3,273.58	9.10	8.34	-140.28	44.18	333.27	320.70	303.66	17.03	18.828	
3,400.00	3,352.95	3,416.17	3,370.36	9.32	8.60	-138.60	46.45	354.82	329.23	311.69	17.54	18.768	
3,500.00	3,451.30	3,515.34	3,467.15	9.56	8.87	-137.01	48.71	376.37	338.04	319.97	18.07	18.711	
3,600.00	3,549.65	3,614.52	3,563.93	9.79	9.15	-135.50	50.98	397.92	347.09	328.49	18.61	18.656	
3,700.00	3,648.00	3,713.70	3,660.71	10.04	9.43	-134.06	53.24	419.47	356.37	337.22	19.16	18.603	
3,800.00	3,746.36	3,812.88	3,757.49	10.29	9.72	-132.70	55.51	441.02	365.87	346.15	19.72	18.554	
3,900.00	3,844.71	3,912.06	3,854.27	10.55	10.01	-131.40	57.77	462.57	375.56	355.27	20.29	18.507	
4,000.00	3,943.06	4,011.23	3,951.05	10.81	10.32	-130.18	60.04	484.12	385.43	364.56	20.88	18.463	
4,100.00	4,041.41	4,110.41	4,047.84	11.08	10.62	-129.01	62.30	505.67	395.48	374.01	21.47	18.422	
4,200.00	4,139.76	4,209.59	4,144.62	11.35	10.93	-127.90	64.57	527.22	405.67	383.60	22.07	18.383	
4,300.00	4,238.11	4,308.77	4,241.40	11.63	11.24	-126.85	66.83	548.77	416.01	393.34	22.67	18.347	
4,400.00	4,336.46	4,407.94	4,338.18	11.91	11.56	-125.84	69.10	570.32	426.48	403.20	23.29	18.314	
4,500.00	4,434.81	4,507.12	4,434.96	12.20	11.88	-124.89	71.36	591.87	437.08	413.17	23.91	18.282	
4,600.00	4,533.16	4,606.30	4,531.74	12.48	12.20	-123.98	73.63	613.42	447.79	423.26	24.53	18.253	
4,700.00	4,631.51	4,705.48	4,628.53	12.78	12.53	-123.11	75.89	634.97	458.61	433.45	25.16	18.226	
4,800.00	4,729.86	4,804.65	4,725.31	13.07	12.86	-122.28	78.16	656.52	469.53	443.73	25.80	18.201	
4,900.00	4,828.21	4,903.83	4,822.09	13.37	13.19	-121.49	80.42	678.07	480.54	454.10	26.44	18.177	
5,000.00	4,926.57	5,003.01	4,918.87	13.67	13.52	-120.74	82.69	699.62	491.64	464.56	27.08	18.155	
5,100.00	5,024.92	5,102.19	5,015.65	13.97	13.86	-120.02	84.95	721.17	502.82	475.09	27.73	18.134	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
5,200.00	5,123.27	5,201.37	5,112.43	14.28	14.19	-119.33	87.22	742.72	514.07	485.69	28.38	18.115	
5,300.00	5,221.62	5,300.54	5,209.22	14.59	14.53	-118.67	89.48	764.27	525.40	496.36	29.03	18.097	
5,400.00	5,319.97	5,400.28	5,306.00	14.90	14.88	-118.04	91.75	785.82	536.79	507.10	29.69	18.079	
5,500.00	5,418.32	5,501.10	5,402.78	15.21	15.22	-117.43	94.01	807.37	548.24	517.88	30.36	18.060	
5,600.00	5,516.67	5,598.08	5,499.56	15.52	15.56	-116.85	96.28	828.92	559.75	528.74	31.01	18.050	
5,700.00	5,615.02	5,702.75	5,596.34	15.84	15.92	-116.29	98.54	850.47	571.32	539.62	31.70	18.025	
5,800.00	5,713.37	5,803.57	5,693.12	16.15	16.27	-115.75	100.81	872.02	582.94	550.57	32.37	18.009	
5,900.00	5,811.72	5,904.39	5,789.90	16.47	16.63	-115.24	103.07	893.57	594.60	561.56	33.04	17.994	
6,000.00	5,910.07	6,005.21	5,886.69	16.79	16.98	-114.74	105.34	915.12	606.31	572.59	33.72	17.980	
6,100.00	6,008.42	6,106.04	5,983.47	17.11	17.34	-114.27	107.60	936.67	618.07	583.67	34.40	17.967	
6,200.00	6,106.78	6,206.86	6,080.25	17.43	17.69	-113.81	109.87	958.22	629.86	594.78	35.08	17.954	
6,300.00	6,205.13	6,307.68	6,177.03	17.76	18.05	-113.37	112.13	979.77	641.70	605.93	35.76	17.942	
6,400.00	6,303.48	6,408.50	6,273.81	18.08	18.41	-112.94	114.40	1,001.32	653.57	617.12	36.45	17.931	
6,500.00	6,401.83	6,509.32	6,370.59	18.41	18.77	-112.53	116.66	1,022.87	665.47	628.34	37.14	17.920	
6,600.00	6,500.18	6,589.85	6,467.38	18.73	19.06	-112.13	118.93	1,044.42	677.41	639.66	37.75	17.944	
6,700.00	6,598.49	6,680.53	6,555.10	19.06	19.41	-107.71	120.96	1,067.10	689.78	651.36	38.42	17.953	
6,800.00	6,694.58	6,766.52	6,634.72	19.45	19.83	-94.44	122.72	1,099.36	702.26	663.06	39.20	17.916	
6,900.00	6,785.47	6,851.55	6,708.46	19.92	20.34	-88.35	124.27	1,141.52	713.77	673.64	40.13	17.787	
7,000.00	6,868.90	6,935.87	6,775.42	20.48	20.94	-84.74	125.59	1,192.67	723.96	682.74	41.22	17.563	
7,100.00	6,942.84	7,019.74	6,834.73	21.13	21.62	-82.39	126.67	1,251.87	732.56	690.08	42.47	17.248	
7,200.00	7,005.45	7,103.39	6,885.64	21.87	22.38	-80.87	127.48	1,318.16	739.32	695.43	43.89	16.845	
7,300.00	7,055.21	7,187.03	6,927.42	22.70	23.22	-79.98	128.03	1,390.55	744.08	698.61	45.48	16.362	
7,400.00	7,090.87	7,270.87	6,959.43	23.61	24.13	-79.62	128.30	1,467.97	746.75	699.52	47.23	15.812	
7,500.00	7,111.57	7,355.10	6,981.07	24.59	25.08	-79.74	128.29	1,549.30	747.27	698.15	49.12	15.214	
7,600.00	7,116.95	7,439.93	6,991.83	25.62	26.08	-80.27	127.98	1,633.39	745.72	694.60	51.12	14.588	
7,700.00	7,116.60	7,532.87	6,992.74	26.71	27.20	-80.35	127.37	1,726.30	744.40	691.09	53.30	13.965	
7,800.00	7,116.25	7,632.86	6,992.25	27.85	28.45	-80.32	126.68	1,826.29	743.30	687.60	55.70	13.344	
7,900.00	7,115.90	7,732.86	6,991.75	29.06	29.74	-80.29	125.98	1,926.28	742.21	684.02	58.19	12.755	
8,000.00	7,115.55	7,832.85	6,991.26	30.31	31.06	-80.27	125.29	2,026.27	741.11	680.35	60.76	12.198	
8,100.00	7,115.21	7,932.84	6,990.76	31.60	32.41	-80.24	124.60	2,126.26	740.02	676.62	63.39	11.673	
8,200.00	7,114.86	8,032.84	6,990.26	32.92	33.80	-80.22	123.90	2,226.25	738.92	672.83	66.09	11.180	
8,300.00	7,114.51	8,132.83	6,989.77	34.28	35.21	-80.19	123.21	2,326.24	737.83	668.98	68.84	10.717	
8,400.00	7,114.16	8,232.82	6,989.27	35.66	36.64	-80.16	122.51	2,426.23	736.73	665.09	71.64	10.283	
8,500.00	7,113.81	8,332.82	6,988.78	37.07	38.09	-80.14	121.82	2,526.22	735.64	661.16	74.49	9.876	
8,600.00	7,113.46	8,432.81	6,988.28	38.51	39.56	-80.11	121.13	2,626.21	734.55	657.18	77.36	9.495	
8,700.00	7,113.11	8,532.80	6,987.79	39.96	41.05	-80.08	120.43	2,726.20	733.45	653.18	80.28	9.137	
8,800.00	7,112.76	8,632.80	6,987.29	41.42	42.54	-80.06	119.74	2,826.19	732.36	649.14	83.22	8.800	
8,900.00	7,112.41	8,732.79	6,986.80	42.91	44.06	-80.03	119.05	2,926.18	731.27	645.08	86.19	8.485	
9,000.00	7,112.06	8,832.78	6,986.30	44.40	45.58	-80.00	118.35	3,026.17	730.17	641.00	89.18	8.188	
9,100.00	7,111.71	8,932.78	6,985.81	45.91	47.11	-79.98	117.66	3,126.16	729.08	636.89	92.19	7.908	
9,200.00	7,111.37	9,032.77	6,985.31	47.43	48.65	-79.95	116.97	3,226.15	727.99	632.76	95.23	7.645	
9,300.00	7,111.02	9,132.76	6,984.81	48.96	50.20	-79.92	116.27	3,326.14	726.90	628.62	98.28	7.397	
9,400.00	7,110.67	9,232.76	6,984.32	50.50	51.76	-79.90	115.58	3,426.13	725.80	624.46	101.34	7.162	
9,500.00	7,110.32	9,332.75	6,983.82	52.05	53.33	-79.87	114.88	3,526.12	724.71	620.29	104.42	6.940	
9,600.00	7,109.97	9,432.74	6,983.33	53.60	54.90	-79.84	114.19	3,626.11	723.62	616.10	107.52	6.730	
9,700.00	7,109.62	9,532.74	6,982.83	55.17	56.48	-79.81	113.50	3,726.10	722.53	611.91	110.62	6.531	
9,800.00	7,109.27	9,632.73	6,982.34	56.73	58.06	-79.79	112.80	3,826.09	721.44	607.70	113.74	6.343	
9,900.00	7,108.92	9,732.72	6,981.84	58.31	59.65	-79.76	112.11	3,926.08	720.35	603.48	116.87	6.164	
10,000.00	7,108.57	9,832.72	6,981.35	59.89	61.24	-79.73	111.42	4,026.07	719.25	599.25	120.00	5.994	
10,100.00	7,108.22	9,932.71	6,980.85	61.47	62.84	-79.70	110.72	4,126.06	718.16	595.02	123.15	5.832	
10,200.00	7,107.87	10,032.70	6,980.36	63.06	64.44	-79.68	110.03	4,226.05	717.07	590.77	126.30	5.678	
10,300.00	7,107.52	10,132.70	6,979.86	64.66	66.04	-79.65	109.33	4,326.04	715.98	586.52	129.46	5.531	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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							
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
10,400.00	7,107.18	10,232.69	6,979.36	66.25	67.65	-79.62	108.64	4,426.03	714.89	582.27	132.62	5.390	
10,500.00	7,106.83	10,332.69	6,978.87	67.85	69.26	-79.59	107.95	4,526.02	713.80	578.00	135.80	5.256	
10,600.00	7,106.48	10,432.68	6,978.37	69.46	70.87	-79.57	107.25	4,626.01	712.71	573.73	138.97	5.128	
10,700.00	7,106.13	10,532.67	6,977.88	71.07	72.49	-79.54	106.56	4,726.00	711.62	569.46	142.16	5.006	
10,800.00	7,105.78	10,632.67	6,977.38	72.68	74.11	-79.51	105.87	4,825.99	710.53	565.18	145.35	4.889	
10,900.00	7,105.43	10,732.66	6,976.89	74.29	75.73	-79.48	105.17	4,925.98	709.44	560.90	148.54	4.776	
11,000.00	7,105.08	10,832.65	6,976.39	75.91	77.35	-79.45	104.48	5,025.96	708.35	556.61	151.74	4.668	
11,100.00	7,104.73	10,932.65	6,975.90	77.52	78.98	-79.42	103.79	5,125.95	707.26	552.32	154.94	4.565	
11,200.00	7,104.38	11,032.64	6,975.40	79.14	80.60	-79.39	103.09	5,225.94	706.17	548.03	158.14	4.465	
11,300.00	7,104.03	11,132.63	6,974.91	80.77	82.23	-79.37	102.40	5,325.93	705.08	543.73	161.35	4.370	
11,400.00	7,103.68	11,232.63	6,974.41	82.39	83.86	-79.34	101.70	5,425.92	703.99	539.43	164.56	4.278	
11,500.00	7,103.34	11,332.62	6,973.91	84.02	85.50	-79.31	101.01	5,525.91	702.90	535.13	167.77	4.190	
11,600.00	7,102.99	11,432.61	6,973.41	85.65	87.05	-79.29	100.66	5,626.02	702.13	531.26	170.87	4.109	
11,700.00	7,102.64	11,532.62	6,972.95	87.28	88.68	-79.27	100.70	5,726.01	701.77	527.68	174.09	4.031	
11,800.00	7,102.29	11,632.62	6,972.46	88.91	90.32	-79.25	100.74	5,826.01	701.41	524.09	177.32	3.956	
11,900.00	7,101.94	11,732.62	6,971.96	90.54	91.95	-79.23	100.79	5,926.01	701.04	520.49	180.55	3.883	
12,000.00	7,101.59	11,832.62	6,971.47	92.18	93.59	-79.21	100.83	6,026.01	700.68	516.90	183.78	3.813	
12,100.00	7,101.24	11,932.62	6,970.97	93.81	95.23	-79.20	100.88	6,126.01	700.31	513.30	187.01	3.745	
12,200.00	7,100.89	12,032.62	6,970.48	95.45	96.87	-79.18	100.92	6,226.00	699.95	509.71	190.25	3.679	
12,300.00	7,100.54	12,132.62	6,969.98	97.09	98.52	-79.16	100.96	6,326.00	699.59	506.11	193.48	3.616	
12,400.00	7,100.19	12,232.62	6,969.49	98.73	100.16	-79.14	101.01	6,426.00	699.22	502.50	196.72	3.554	
12,500.00	7,099.84	12,332.62	6,968.99	100.37	101.80	-79.13	101.05	6,526.00	698.86	498.90	199.96	3.495	
12,600.00	7,099.49	12,432.62	6,968.50	102.01	103.45	-79.11	101.10	6,626.00	698.50	495.30	203.20	3.437	
12,700.00	7,099.15	12,532.62	6,968.01	103.65	105.10	-79.09	101.14	6,726.00	698.14	491.69	206.45	3.382	
12,800.00	7,098.80	12,632.61	6,967.51	105.29	106.74	-79.07	101.18	6,826.00	697.77	488.08	209.69	3.328	
12,900.00	7,098.45	12,732.61	6,967.02	106.94	108.39	-79.05	101.23	6,926.00	697.41	484.47	212.94	3.275	
13,000.00	7,098.10	12,832.61	6,966.52	108.58	110.04	-79.04	101.27	7,026.00	697.05	480.86	216.19	3.224	
13,100.00	7,097.75	12,932.61	6,966.03	110.23	111.69	-79.02	101.32	7,126.00	696.68	477.25	219.43	3.175	
13,200.00	7,097.40	13,032.61	6,965.53	111.88	113.34	-79.00	101.36	7,226.00	696.32	473.64	222.68	3.127	
13,300.00	7,097.05	13,132.61	6,965.04	113.53	114.99	-78.98	101.41	7,326.00	695.96	470.02	225.94	3.080	
13,400.00	7,096.70	13,232.61	6,964.54	115.17	116.64	-78.96	101.45	7,426.00	695.60	466.41	229.19	3.035	
13,500.00	7,096.35	13,332.61	6,964.05	116.82	118.29	-78.95	101.49	7,526.00	695.23	462.79	232.44	2.991	
13,600.00	7,096.00	13,432.61	6,963.56	118.47	119.94	-78.93	101.54	7,626.00	694.87	459.18	235.69	2.948	
13,700.00	7,095.65	13,532.61	6,963.06	120.12	121.60	-78.91	101.58	7,726.00	694.51	455.56	238.95	2.907	
13,800.00	7,095.31	13,632.61	6,962.57	121.77	123.25	-78.89	101.63	7,826.00	694.15	451.94	242.20	2.866	
13,900.00	7,094.96	13,732.61	6,962.07	123.42	124.90	-78.87	101.67	7,926.00	693.79	448.32	245.46	2.826	
14,000.00	7,094.61	13,832.61	6,961.58	125.08	126.56	-78.86	101.71	8,026.00	693.42	444.71	248.72	2.788	
14,100.00	7,094.26	13,932.61	6,961.08	126.73	128.21	-78.84	101.76	8,126.00	693.06	441.09	251.97	2.751	
14,200.00	7,093.91	14,032.61	6,960.59	128.38	129.87	-78.82	101.80	8,226.00	692.70	437.47	255.23	2.714	
14,300.00	7,093.56	14,132.61	6,960.09	130.04	131.52	-78.80	101.85	8,326.00	692.34	433.84	258.49	2.678	
14,400.00	7,093.21	14,232.61	6,959.60	131.69	133.18	-78.78	101.89	8,426.00	691.98	430.22	261.75	2.644	
14,500.00	7,092.86	14,332.61	6,959.11	133.34	134.84	-78.77	101.93	8,526.00	691.61	426.60	265.01	2.610	
14,600.00	7,092.51	14,432.61	6,958.61	135.00	136.49	-78.75	101.98	8,626.00	691.25	422.98	268.27	2.577	
14,700.00	7,092.16	14,532.61	6,958.12	136.66	138.15	-78.73	102.02	8,726.00	690.89	419.36	271.53	2.544	
14,800.00	7,091.81	14,632.61	6,957.62	138.31	139.81	-78.71	102.07	8,826.00	690.53	415.73	274.79	2.513	
14,900.00	7,091.46	14,732.61	6,957.13	139.97	141.47	-78.69	102.11	8,926.00	690.17	412.11	278.06	2.482	
15,000.00	7,091.12	14,832.61	6,956.63	141.62	143.12	-78.67	102.16	9,026.00	689.81	408.49	281.32	2.452	
15,100.00	7,090.77	14,932.61	6,956.14	143.28	144.78	-78.66	102.20	9,126.00	689.44	404.86	284.58	2.423	
15,200.00	7,090.42	15,032.61	6,955.64	144.94	146.44	-78.64	102.24	9,226.00	689.08	401.24	287.84	2.394	
15,300.00	7,090.07	15,132.61	6,955.15	146.60	148.10	-78.62	102.29	9,326.00	688.72	397.61	291.11	2.366	
15,400.00	7,089.72	15,232.61	6,954.66	148.25	149.76	-78.60	102.33	9,426.00	688.36	393.99	294.37	2.338	
15,500.00	7,089.37	15,332.61	6,954.16	149.91	151.42	-78.58	102.38	9,526.00	688.00	390.36	297.63	2.312	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
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	
15,600.00	7,089.02	15,427.49	6,953.67	151.57	153.08	-78.56	102.42	9,620.73	687.64	386.74	300.90	2.285	
15,700.00	7,088.67	15,527.49	6,953.17	153.23	154.74	-78.54	102.46	9,720.73	687.28	383.11	304.16	2.260	
15,800.00	7,088.32	15,627.49	6,952.68	154.89	156.40	-78.53	102.51	9,820.73	686.92	379.49	307.43	2.234	
15,900.00	7,087.97	15,727.49	6,952.18	156.55	158.06	-78.51	102.55	9,920.73	686.56	375.86	310.69	2.210	
16,000.00	7,087.62	15,827.49	6,951.69	158.21	159.73	-78.49	102.60	10,020.72	686.20	372.24	313.96	2.186	
16,100.00	7,087.28	15,927.48	6,951.19	159.87	161.39	-78.47	102.64	10,120.72	685.83	368.61	317.22	2.162	
16,200.00	7,086.93	16,027.48	6,950.70	161.53	163.05	-78.45	102.69	10,220.72	685.47	364.99	320.49	2.139	
16,300.00	7,086.58	16,127.48	6,950.21	163.19	164.71	-78.43	102.73	10,320.72	685.11	361.36	323.75	2.116	
16,400.00	7,086.23	16,227.48	6,949.71	164.85	166.37	-78.42	102.77	10,420.71	684.75	357.74	327.02	2.094	
16,500.00	7,085.88	16,327.48	6,949.22	166.51	168.04	-78.40	102.82	10,520.71	684.39	354.11	330.28	2.072	
16,600.00	7,085.53	16,427.48	6,948.72	168.17	169.70	-78.38	102.86	10,620.71	684.03	350.48	333.55	2.051	
16,700.00	7,085.18	16,527.48	6,948.23	169.83	171.36	-78.36	102.91	10,720.71	683.67	346.86	336.81	2.030	
16,800.00	7,084.83	16,627.48	6,947.73	171.49	173.02	-78.34	102.95	10,820.71	683.31	343.23	340.08	2.009	
16,900.00	7,084.48	16,727.48	6,947.24	173.16	174.69	-78.32	102.99	10,920.70	682.95	339.61	343.35	1.989	
17,000.00	7,084.13	16,827.48	6,946.74	174.82	176.35	-78.30	103.04	11,020.70	682.59	335.98	346.61	1.969	
17,100.00	7,083.78	16,927.48	6,946.25	176.48	178.01	-78.28	103.08	11,120.70	682.23	332.35	349.88	1.950	
17,200.00	7,083.43	17,027.48	6,945.76	178.14	179.68	-78.27	103.13	11,220.70	681.87	328.73	353.14	1.931	
17,300.00	7,083.09	17,127.47	6,945.26	179.81	181.34	-78.25	103.17	11,320.70	681.51	325.10	356.41	1.912	
17,400.00	7,082.74	17,227.47	6,944.77	181.47	183.01	-78.23	103.21	11,420.69	681.15	321.48	359.68	1.894	
17,500.00	7,082.39	17,327.47	6,944.27	183.13	184.67	-78.21	103.26	11,520.69	680.79	317.85	362.94	1.876	
17,600.00	7,082.04	17,427.47	6,943.78	184.79	186.33	-78.19	103.30	11,620.69	680.43	314.23	366.21	1.858	
17,700.00	7,081.69	17,527.47	6,943.28	186.46	188.00	-78.17	103.35	11,720.69	680.07	310.60	369.47	1.841	
17,800.00	7,081.34	17,627.47	6,942.79	188.12	189.66	-78.15	103.39	11,820.69	679.72	306.98	372.74	1.824	
17,900.00	7,080.99	17,727.47	6,942.29	189.78	191.33	-78.13	103.44	11,920.68	679.36	303.35	376.00	1.807	
17,997.31	7,080.65	17,824.78	6,941.81	191.40	192.95	-78.12	103.48	12,017.99	679.01	299.82	379.18	1.791 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.48	1.09	-119.99	120.00				
100.00	100.00	102.00	102.00	3.28	3.28	-89.48	1.09	-119.99	120.00	112.47	7.53	15.938	
200.00	200.00	202.00	202.00	3.31	3.31	-89.48	1.09	-119.99	120.00	112.42	7.57	15.842	
300.00	299.98	306.16	306.13	3.35	3.35	151.42	1.74	-118.14	119.75	112.09	7.66	15.637	
400.00	399.84	410.09	409.90	3.41	3.42	153.64	3.64	-112.73	119.27	111.49	7.78	15.337	
500.00	499.45	513.73	513.10	3.50	3.52	157.35	6.77	-103.80	118.89	110.95	7.94	14.982	
521.02	520.35	535.47	534.70	3.52	3.55	158.31	7.59	-101.48	118.87	110.89	7.98	14.905 CC, ES	
600.00	598.70	616.95	615.48	3.61	3.65	162.49	11.12	-91.41	119.19	111.05	8.14	14.641	
700.00	697.47	719.61	716.76	3.77	3.82	168.93	16.65	-75.65	120.94	112.54	8.40	14.396	
800.00	795.83	820.68	815.87	3.96	4.02	176.20	23.21	-56.94	124.07	115.34	8.73	14.210	
900.00	894.18	919.37	912.47	4.19	4.25	-176.84	29.90	-37.88	128.59	119.45	9.13	14.077	
1,000.00	992.53	1,018.06	1,009.07	4.44	4.51	-170.43	36.58	-18.82	134.90	125.31	9.59	14.064	
1,100.00	1,090.88	1,116.75	1,105.67	4.71	4.80	-164.65	43.27	0.24	142.77	132.67	10.10	14.138	
1,200.00	1,189.23	1,215.43	1,202.27	5.00	5.10	-159.51	49.95	19.30	151.95	141.30	10.65	14.271	
1,300.00	1,287.58	1,314.12	1,298.87	5.31	5.42	-154.98	56.64	38.36	162.22	150.99	11.23	14.440	
1,400.00	1,385.94	1,412.81	1,395.47	5.62	5.75	-151.00	63.33	57.42	173.39	161.54	11.85	14.631	
1,500.00	1,484.29	1,511.50	1,492.07	5.95	6.09	-147.51	70.01	76.48	185.29	172.80	12.49	14.831	
1,600.00	1,582.64	1,610.19	1,588.67	6.29	6.43	-144.45	76.70	95.54	197.79	184.64	13.16	15.035	
1,700.00	1,680.99	1,708.88	1,685.27	6.63	6.79	-141.75	83.38	114.60	210.79	196.96	13.84	15.236	
1,800.00	1,779.34	1,807.57	1,781.86	6.98	7.14	-139.37	90.07	133.66	224.20	209.69	14.52	15.445	
1,900.00	1,877.69	1,906.26	1,878.46	7.18	7.33	-137.26	96.75	152.72	237.95	223.42	14.53	16.382	
2,000.00	1,976.04	2,004.94	1,975.06	7.22	7.38	-135.38	103.44	171.78	251.98	237.35	14.64	17.217	
2,100.00	2,074.39	2,103.63	2,071.66	7.28	7.45	-133.70	110.13	190.83	266.25	251.48	14.77	18.021	
2,200.00	2,172.74	2,202.32	2,168.26	7.35	7.53	-132.19	116.81	209.89	280.72	265.78	14.94	18.788	
2,300.00	2,271.09	2,301.01	2,264.86	7.45	7.63	-130.83	123.50	228.95	295.37	280.23	15.14	19.512	
2,400.00	2,369.44	2,400.30	2,361.46	7.55	7.74	-129.59	130.18	248.01	310.17	294.80	15.36	20.189	
2,500.00	2,467.79	2,501.61	2,458.06	7.68	7.87	-128.47	136.87	267.07	325.09	309.47	15.62	20.815	
2,600.00	2,566.15	2,602.92	2,554.66	7.81	8.02	-127.45	143.55	286.13	340.12	324.22	15.90	21.392	
2,700.00	2,664.50	2,704.24	2,651.26	7.96	8.17	-126.52	150.24	305.19	355.26	339.05	16.21	21.921	
2,800.00	2,762.85	2,805.55	2,747.86	8.12	8.35	-125.66	156.93	324.25	370.47	353.94	16.54	22.402	
2,900.00	2,861.20	2,893.14	2,844.46	8.30	8.51	-124.86	163.61	343.31	385.76	368.90	16.87	22.872	
3,000.00	2,959.55	3,008.17	2,941.06	8.48	8.73	-124.13	170.30	362.37	401.12	383.86	17.27	23.230	
3,100.00	3,057.90	3,090.52	3,037.66	8.68	8.89	-123.46	176.98	381.43	416.54	398.92	17.62	23.635	
3,200.00	3,156.25	3,189.21	3,134.26	8.89	9.10	-122.83	183.67	400.49	432.01	413.98	18.03	23.959	
3,300.00	3,254.60	3,287.90	3,230.86	9.10	9.32	-122.24	190.35	419.55	447.53	429.07	18.46	24.248	
3,400.00	3,352.95	3,386.59	3,327.46	9.32	9.55	-121.70	197.04	438.61	463.09	444.19	18.90	24.505	
3,500.00	3,451.30	3,485.27	3,424.06	9.56	9.78	-121.19	203.73	457.67	478.69	459.34	19.35	24.733	
3,600.00	3,549.65	3,583.96	3,520.66	9.79	10.02	-120.71	210.41	476.73	494.32	474.50	19.82	24.935	
3,700.00	3,648.00	3,682.65	3,617.26	10.04	10.27	-120.26	217.10	495.79	509.99	489.68	20.31	25.112	
3,800.00	3,746.36	3,781.34	3,713.86	10.29	10.53	-119.83	223.78	514.85	525.68	504.88	20.80	25.268	
3,900.00	3,844.71	3,880.03	3,810.46	10.55	10.79	-119.44	230.47	533.91	541.41	520.09	21.31	25.404	
4,000.00	3,943.06	3,978.72	3,907.06	10.81	11.05	-119.06	237.15	552.97	557.15	535.32	21.83	25.523	
4,100.00	4,041.41	4,077.41	4,003.65	11.08	11.32	-118.71	243.84	572.03	572.92	550.56	22.36	25.625	
4,200.00	4,139.76	4,176.09	4,100.25	11.35	11.60	-118.37	250.53	591.09	588.70	565.81	22.89	25.714	
4,300.00	4,238.11	4,274.78	4,196.85	11.63	11.88	-118.05	257.21	610.15	604.51	581.07	23.44	25.789	
4,400.00	4,336.46	4,373.47	4,293.45	11.91	12.16	-117.75	263.90	629.21	620.33	596.34	23.99	25.854	
4,500.00	4,434.81	4,472.16	4,390.05	12.20	12.45	-117.46	270.58	648.27	636.17	611.62	24.55	25.908	
4,600.00	4,533.16	4,570.85	4,486.65	12.48	12.74	-117.19	277.27	667.33	652.03	626.90	25.12	25.953	
4,700.00	4,631.51	4,669.54	4,583.25	12.78	13.03	-116.93	283.95	686.39	667.89	642.20	25.70	25.991	
4,800.00	4,729.86	4,768.23	4,679.85	13.07	13.33	-116.68	290.64	705.45	683.78	657.50	26.28	26.021	
4,900.00	4,828.21	4,866.91	4,776.45	13.37	13.63	-116.44	297.33	724.51	699.67	672.80	26.86	26.045	
5,000.00	4,926.57	4,965.60	4,873.05	13.67	13.93	-116.22	304.01	743.57	715.57	688.12	27.46	26.063	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
5,100.00	5,024.92	5,064.29	4,969.65	13.97	14.24	-116.00	310.70	762.63	731.49	703.43	28.05	26.076		
5,200.00	5,123.27	5,162.98	5,066.25	14.28	14.55	-115.79	317.38	781.69	747.41	718.76	28.65	26.085		
5,300.00	5,221.62	5,261.67	5,162.85	14.59	14.86	-115.60	324.07	800.75	763.34	734.08	29.26	26.089		
5,400.00	5,319.97	5,360.36	5,259.45	14.90	15.17	-115.41	330.75	819.81	779.28	749.42	29.87	26.091		
5,500.00	5,418.32	5,459.05	5,356.05	15.21	15.48	-115.22	337.44	838.86	795.23	764.75	30.48	26.089		
5,600.00	5,516.67	5,557.74	5,452.65	15.52	15.80	-115.05	344.13	857.92	811.19	780.09	31.10	26.084		
5,700.00	5,615.02	5,656.42	5,549.25	15.84	16.11	-114.88	350.81	876.98	827.16	795.44	31.72	26.077		
5,800.00	5,713.37	5,755.11	5,645.85	16.15	16.43	-114.72	357.50	896.04	843.13	810.78	32.34	26.068		
5,900.00	5,811.72	5,853.80	5,742.45	16.47	16.75	-114.56	364.18	915.10	859.10	826.13	32.97	26.057		
6,000.00	5,910.07	5,952.49	5,839.05	16.79	17.07	-114.41	370.87	934.16	875.09	841.49	33.60	26.045		
6,100.00	6,008.42	6,051.18	5,935.65	17.11	17.40	-114.26	377.55	953.22	891.08	856.85	34.23	26.031		
6,200.00	6,106.78	6,149.87	6,032.25	17.43	17.72	-114.12	384.24	972.28	907.07	872.20	34.87	26.015		
6,300.00	6,205.13	6,248.56	6,128.85	17.76	18.05	-113.99	390.93	991.34	923.07	887.57	35.50	25.999		
6,400.00	6,303.48	6,347.24	6,225.45	18.08	18.38	-113.86	397.61	1,010.40	939.08	902.93	36.14	25.981		
6,500.00	6,401.83	6,445.93	6,322.04	18.41	18.70	-113.73	404.30	1,029.46	955.09	918.30	36.79	25.963		
6,600.00	6,500.18	6,544.62	6,418.64	18.73	19.03	-113.61	410.98	1,048.52	971.10	933.67	37.43	25.944		
6,700.00	6,598.49	6,643.32	6,515.25	19.06	19.36	-109.62	417.67	1,067.58	987.09	949.01	38.08	25.924		
6,800.00	6,694.58	6,741.78	6,611.63	19.45	19.69	-97.37	424.34	1,086.60	1,001.79	963.02	38.77	25.840		
6,900.00	6,785.47	6,829.06	6,695.82	19.92	20.03	-92.56	430.19	1,108.59	1,015.01	975.48	39.53	25.676		
7,000.00	6,868.90	6,917.72	6,777.45	20.48	20.45	-90.12	435.93	1,142.51	1,027.25	986.76	40.48	25.375		
7,100.00	6,942.84	7,008.78	6,855.58	21.13	20.98	-88.82	441.48	1,188.82	1,038.28	996.63	41.64	24.932		
7,200.00	7,005.45	7,102.69	6,928.38	21.87	21.63	-88.22	446.74	1,247.77	1,047.90	1,004.87	43.04	24.350		
7,300.00	7,055.21	7,199.86	6,993.76	22.70	22.41	-88.13	451.54	1,319.36	1,055.92	1,011.25	44.67	23.639		
7,400.00	7,090.87	7,300.67	7,049.29	23.61	23.33	-88.44	455.74	1,403.27	1,062.15	1,015.61	46.55	22.818		
7,500.00	7,111.57	7,405.48	7,092.27	24.59	24.39	-89.09	459.13	1,498.66	1,066.42	1,017.76	48.66	21.917		
7,600.00	7,116.95	7,514.52	7,119.80	25.62	25.58	-90.04	461.52	1,604.01	1,068.57	1,017.62	50.95	20.973		
7,700.00	7,116.60	7,628.42	7,128.99	26.71	26.88	-90.56	462.69	1,717.38	1,069.22	1,015.80	53.41	20.018		
7,704.34	7,116.59	7,632.42	7,128.98	26.76	26.93	-90.56	462.71	1,721.38	1,069.22	1,015.71	53.51	19.981		
7,800.00	7,116.25	7,728.07	7,128.57	27.85	28.06	-90.55	463.14	1,817.03	1,069.23	1,013.44	55.79	19.167		
7,900.00	7,115.90	7,828.07	7,128.14	29.06	29.28	-90.55	463.60	1,917.03	1,069.24	1,010.98	58.25	18.355		
8,000.00	7,115.55	7,928.07	7,127.71	30.31	30.55	-90.54	464.05	2,017.03	1,069.25	1,008.44	60.81	17.584		
8,100.00	7,115.21	8,028.07	7,127.29	31.60	31.85	-90.54	464.50	2,117.03	1,069.26	1,005.82	63.44	16.856		
8,200.00	7,114.86	8,128.07	7,126.86	32.92	33.19	-90.54	464.95	2,217.02	1,069.27	1,003.14	66.13	16.170		
8,300.00	7,114.51	8,228.07	7,126.43	34.28	34.56	-90.53	465.41	2,317.02	1,069.28	1,000.40	68.88	15.524		
8,400.00	7,114.16	8,328.07	7,126.00	35.66	35.95	-90.53	465.86	2,417.02	1,069.29	997.61	71.68	14.917		
8,500.00	7,113.81	8,428.07	7,125.58	37.07	37.36	-90.52	466.31	2,517.02	1,069.30	994.77	74.53	14.348		
8,600.00	7,113.46	8,528.07	7,125.15	38.51	38.80	-90.52	466.76	2,617.02	1,069.31	991.89	77.41	13.813		
8,700.00	7,113.11	8,628.07	7,124.72	39.96	40.25	-90.52	467.22	2,717.01	1,069.32	988.98	80.34	13.311		
8,800.00	7,112.76	8,728.07	7,124.30	41.42	41.72	-90.51	467.67	2,817.01	1,069.33	986.04	83.29	12.839		
8,900.00	7,112.41	8,828.07	7,123.87	42.91	43.20	-90.51	468.12	2,917.01	1,069.34	983.06	86.27	12.395		
9,000.00	7,112.06	8,928.07	7,123.44	44.40	44.70	-90.50	468.57	3,017.01	1,069.35	980.07	89.28	11.977		
9,100.00	7,111.71	9,028.07	7,123.01	45.91	46.21	-90.50	469.03	3,117.01	1,069.36	977.04	92.31	11.584		
9,200.00	7,111.37	9,128.07	7,122.59	47.43	47.73	-90.49	469.48	3,217.00	1,069.37	974.00	95.37	11.213		
9,300.00	7,111.02	9,228.07	7,122.16	48.96	49.26	-90.49	469.93	3,317.00	1,069.38	970.94	98.44	10.863		
9,400.00	7,110.67	9,328.07	7,121.73	50.50	50.80	-90.49	470.38	3,417.00	1,069.39	967.86	101.53	10.533		
9,500.00	7,110.32	9,428.07	7,121.31	52.05	52.34	-90.48	470.84	3,517.00	1,069.40	964.76	104.64	10.220		
9,600.00	7,109.97	9,528.07	7,120.88	53.60	53.90	-90.48	471.29	3,617.00	1,069.41	961.65	107.75	9.924		
9,700.00	7,109.62	9,628.07	7,120.45	55.17	55.46	-90.47	471.74	3,717.00	1,069.42	958.53	110.89	9.644		
9,800.00	7,109.27	9,728.07	7,120.03	56.73	57.02	-90.47	472.20	3,816.99	1,069.43	955.40	114.03	9.378		
9,900.00	7,108.92	9,828.07	7,119.60	58.31	58.60	-90.46	472.65	3,916.99	1,069.44	952.25	117.19	9.126		
10,000.00	7,108.57	9,928.07	7,119.17	59.89	60.18	-90.46	473.10	4,016.99	1,069.45	949.09	120.35	8.886		
10,100.00	7,108.22	10,028.07	7,118.74	61.47	61.76	-90.46	473.55	4,116.99	1,069.46	945.93	123.53	8.657		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
10,200.00	7,107.87	10,128.07	7,118.32	63.06	63.35	-90.45	474.01	4,216.99	1,069.47	942.75	126.71	8.440		
10,300.00	7,107.52	10,228.07	7,117.89	64.66	64.94	-90.45	474.46	4,316.98	1,069.48	939.57	129.91	8.233		
10,400.00	7,107.18	10,328.07	7,117.46	66.25	66.54	-90.44	474.91	4,416.98	1,069.49	936.38	133.11	8.035		
10,500.00	7,106.83	10,428.07	7,117.04	67.85	68.14	-90.44	475.36	4,516.98	1,069.50	933.19	136.31	7.846		
10,600.00	7,106.48	10,528.07	7,116.61	69.46	69.74	-90.44	475.82	4,616.98	1,069.51	929.98	139.53	7.665		
10,700.00	7,106.13	10,628.07	7,116.18	71.07	71.34	-90.43	476.27	4,716.98	1,069.52	926.77	142.75	7.492		
10,800.00	7,105.78	10,728.07	7,115.75	72.68	72.95	-90.43	476.72	4,816.97	1,069.53	923.56	145.97	7.327		
10,900.00	7,105.43	10,828.07	7,115.33	74.29	74.57	-90.42	477.17	4,916.97	1,069.54	920.34	149.20	7.168		
11,000.00	7,105.08	10,928.07	7,114.90	75.91	76.18	-90.42	477.63	5,016.97	1,069.55	917.11	152.44	7.016		
11,100.00	7,104.73	11,028.07	7,114.47	77.52	77.80	-90.41	478.08	5,116.97	1,069.56	913.88	155.68	6.870		
11,200.00	7,104.38	11,128.07	7,114.05	79.14	79.42	-90.41	478.53	5,216.97	1,069.57	910.65	158.92	6.730		
11,300.00	7,104.03	11,228.07	7,113.62	80.77	81.04	-90.41	478.98	5,316.96	1,069.58	907.41	162.17	6.595		
11,400.00	7,103.68	11,328.07	7,113.19	82.39	82.66	-90.40	479.44	5,416.96	1,069.59	904.17	165.42	6.466		
11,500.00	7,103.34	11,428.07	7,112.76	84.02	84.29	-90.40	479.89	5,516.96	1,069.60	900.92	168.68	6.341		
11,600.00	7,102.99	11,528.07	7,112.34	85.65	85.91	-90.39	480.34	5,616.96	1,069.61	897.67	171.94	6.221		
11,700.00	7,102.64	11,628.07	7,111.91	87.28	87.54	-90.39	480.79	5,716.96	1,069.62	894.42	175.20	6.105		
11,800.00	7,102.29	11,728.07	7,111.48	88.91	89.17	-90.39	481.25	5,816.95	1,069.63	891.17	178.47	5.993		
11,900.00	7,101.94	11,828.07	7,111.06	90.54	90.81	-90.38	481.70	5,916.95	1,069.64	887.91	181.74	5.886		
12,000.00	7,101.59	11,928.07	7,110.63	92.18	92.44	-90.38	482.15	6,016.95	1,069.65	884.65	185.01	5.782		
12,100.00	7,101.24	12,028.07	7,110.20	93.81	94.07	-90.37	482.60	6,116.95	1,069.66	881.38	188.28	5.681		
12,200.00	7,100.89	12,128.07	7,109.77	95.45	95.71	-90.37	483.06	6,216.95	1,069.67	878.12	191.56	5.584		
12,300.00	7,100.54	12,228.07	7,109.35	97.09	97.35	-90.36	483.51	6,316.94	1,069.68	874.85	194.84	5.490		
12,400.00	7,100.19	12,328.07	7,108.92	98.73	98.99	-90.36	483.96	6,416.94	1,069.69	871.58	198.12	5.399		
12,500.00	7,099.84	12,428.07	7,108.49	100.37	100.63	-90.36	484.41	6,516.94	1,069.70	868.31	201.40	5.311		
12,600.00	7,099.49	12,528.07	7,108.07	102.01	102.27	-90.35	484.87	6,616.94	1,069.71	865.03	204.68	5.226		
12,700.00	7,099.15	12,628.07	7,107.64	103.65	103.91	-90.35	485.32	6,716.94	1,069.73	861.75	207.97	5.144		
12,800.00	7,098.80	12,728.07	7,107.21	105.29	105.55	-90.34	485.77	6,816.93	1,069.74	858.48	211.26	5.064		
12,900.00	7,098.45	12,828.07	7,106.79	106.94	107.19	-90.34	486.22	6,916.93	1,069.75	855.20	214.55	4.986		
13,000.00	7,098.10	12,928.07	7,106.36	108.58	108.84	-90.34	486.68	7,016.93	1,069.76	851.91	217.84	4.911		
13,100.00	7,097.75	13,028.07	7,105.93	110.23	110.48	-90.33	487.13	7,116.93	1,069.77	848.63	221.14	4.838		
13,200.00	7,097.40	13,128.07	7,105.50	111.88	112.13	-90.33	487.58	7,216.93	1,069.78	845.35	224.43	4.767		
13,300.00	7,097.05	13,228.07	7,105.08	113.53	113.78	-90.32	488.03	7,316.92	1,069.79	842.06	227.73	4.698		
13,400.00	7,096.70	13,328.07	7,104.65	115.17	115.42	-90.32	488.49	7,416.92	1,069.80	838.77	231.03	4.631		
13,500.00	7,096.35	13,428.07	7,104.22	116.82	117.07	-90.31	488.94	7,516.92	1,069.81	835.48	234.32	4.565		
13,600.00	7,096.00	13,528.07	7,103.80	118.47	118.72	-90.31	489.39	7,616.92	1,069.82	832.19	237.62	4.502		
13,700.00	7,095.65	13,628.07	7,103.37	120.12	120.37	-90.31	489.85	7,716.92	1,069.83	828.90	240.93	4.440		
13,800.00	7,095.31	13,728.07	7,102.94	121.77	122.02	-90.30	490.30	7,816.91	1,069.84	825.61	244.23	4.380		
13,900.00	7,094.96	13,828.07	7,102.51	123.42	123.67	-90.30	490.75	7,916.91	1,069.85	822.32	247.53	4.322		
14,000.00	7,094.61	13,928.07	7,102.09	125.08	125.32	-90.29	491.20	8,016.91	1,069.86	819.02	250.84	4.265		
14,100.00	7,094.26	14,028.07	7,101.66	126.73	126.97	-90.29	491.66	8,116.91	1,069.87	815.72	254.15	4.210		
14,200.00	7,093.91	14,128.07	7,101.23	128.38	128.63	-90.29	492.11	8,216.91	1,069.88	812.43	257.45	4.156		
14,300.00	7,093.56	14,228.07	7,100.81	130.04	130.28	-90.28	492.56	8,316.90	1,069.89	809.13	260.76	4.103		
14,400.00	7,093.21	14,328.07	7,100.38	131.69	131.93	-90.28	493.01	8,416.90	1,069.90	805.83	264.07	4.052		
14,500.00	7,092.86	14,428.07	7,099.95	133.34	133.59	-90.27	493.47	8,516.90	1,069.91	802.53	267.38	4.001		
14,600.00	7,092.51	14,528.07	7,099.52	135.00	135.24	-90.27	493.92	8,616.90	1,069.92	799.23	270.69	3.953		
14,700.00	7,092.16	14,628.07	7,099.10	136.66	136.90	-90.26	494.37	8,716.90	1,069.93	795.93	274.00	3.905		
14,800.00	7,091.81	14,728.07	7,098.67	138.31	138.55	-90.26	494.82	8,816.89	1,069.94	792.63	277.31	3.858		
14,900.00	7,091.46	14,828.07	7,098.24	139.97	140.21	-90.26	495.28	8,916.89	1,069.95	789.33	280.63	3.813		
15,000.00	7,091.12	14,928.07	7,097.82	141.62	141.86	-90.25	495.73	9,016.89	1,069.96	786.02	283.94	3.768		
15,100.00	7,090.77	15,028.07	7,097.39	143.28	143.52	-90.25	496.18	9,116.89	1,069.97	782.72	287.26	3.725		
15,200.00	7,090.42	15,128.07	7,096.96	144.94	145.18	-90.24	496.63	9,216.89	1,069.98	779.41	290.57	3.682		
15,300.00	7,090.07	15,228.07	7,096.53	146.60	146.83	-90.24	497.09	9,316.89	1,069.99	776.11	293.89	3.641		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-3B-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							
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	7,089.72	15,328.07	7,096.11	148.25	148.49	-90.23	497.54	9,416.88	1,070.01	772.80	297.20	3.600	
15,500.00	7,089.37	15,428.07	7,095.68	149.91	150.15	-90.23	497.99	9,516.88	1,070.02	769.49	300.52	3.561	
15,600.00	7,089.02	15,528.07	7,095.25	151.57	151.81	-90.23	498.44	9,616.88	1,070.03	766.19	303.84	3.522	
15,700.00	7,088.67	15,628.07	7,094.83	153.23	153.46	-90.22	498.90	9,716.88	1,070.04	762.88	307.16	3.484	
15,800.00	7,088.32	15,728.07	7,094.40	154.89	155.12	-90.22	499.35	9,816.88	1,070.05	759.57	310.48	3.446	
15,900.00	7,087.97	15,828.07	7,093.97	156.55	156.78	-90.21	499.80	9,916.87	1,070.06	756.26	313.80	3.410	
16,000.00	7,087.62	15,928.07	7,093.55	158.21	158.44	-90.21	500.25	10,016.87	1,070.07	752.95	317.12	3.374	
16,100.00	7,087.28	16,028.07	7,093.12	159.87	160.10	-90.21	500.71	10,116.87	1,070.08	749.64	320.44	3.339	
16,200.00	7,086.93	16,128.07	7,092.69	161.53	161.76	-90.20	501.16	10,216.87	1,070.09	746.33	323.76	3.305	
16,300.00	7,086.58	16,228.07	7,092.26	163.19	163.42	-90.20	501.61	10,316.87	1,070.10	743.02	327.08	3.272	
16,400.00	7,086.23	16,328.07	7,091.84	164.85	165.08	-90.19	502.06	10,416.86	1,070.11	739.71	330.40	3.239	
16,500.00	7,085.88	16,428.07	7,091.41	166.51	166.74	-90.19	502.52	10,516.86	1,070.12	736.39	333.73	3.207	
16,600.00	7,085.53	16,528.07	7,090.98	168.17	168.40	-90.18	502.97	10,616.86	1,070.13	733.08	337.05	3.175	
16,700.00	7,085.18	16,628.07	7,090.56	169.83	170.06	-90.18	503.42	10,716.86	1,070.14	729.77	340.37	3.144	
16,800.00	7,084.83	16,728.07	7,090.13	171.49	171.72	-90.18	503.87	10,816.86	1,070.15	726.46	343.70	3.114	
16,900.00	7,084.48	16,828.07	7,089.70	173.16	173.38	-90.17	504.33	10,916.85	1,070.16	723.14	347.02	3.084	
17,000.00	7,084.13	16,928.07	7,089.27	174.82	175.05	-90.17	504.78	11,016.85	1,070.17	719.83	350.34	3.055	
17,100.00	7,083.78	17,028.07	7,088.85	176.48	176.71	-90.16	505.23	11,116.85	1,070.18	716.51	353.67	3.026	
17,200.00	7,083.43	17,128.07	7,088.42	178.14	178.37	-90.16	505.68	11,216.85	1,070.19	713.20	357.00	2.998	
17,300.00	7,083.09	17,228.07	7,087.99	179.81	180.03	-90.16	506.14	11,316.85	1,070.20	709.88	360.32	2.970	
17,400.00	7,082.74	17,328.07	7,087.57	181.47	181.69	-90.15	506.59	11,416.84	1,070.22	706.57	363.65	2.943	
17,500.00	7,082.39	17,428.07	7,087.14	183.13	183.36	-90.15	507.04	11,516.84	1,070.23	703.25	366.97	2.916	
17,600.00	7,082.04	17,528.07	7,086.71	184.79	185.02	-90.14	507.50	11,616.84	1,070.24	699.94	370.30	2.890	
17,700.00	7,081.69	17,628.07	7,086.28	186.46	186.68	-90.14	507.95	11,716.84	1,070.25	696.62	373.63	2.864	
17,800.00	7,081.34	17,728.07	7,085.86	188.12	188.35	-90.13	508.40	11,816.84	1,070.26	693.30	376.96	2.839	
17,900.00	7,080.99	17,828.07	7,085.43	189.78	190.01	-90.13	508.85	11,916.83	1,070.27	689.99	380.28	2.814	
17,997.31	7,080.65	17,932.24	7,085.01	191.40	191.74	-90.13	509.29	12,014.15	1,070.28	686.64	383.64	2.790 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.58	0.73	-100.23	100.23				
100.00	100.00	102.00	102.00	3.28	3.28	-89.58	0.73	-100.23	100.23	92.70	7.53	13.312	
200.00	200.00	202.00	202.00	3.31	3.31	-89.58	0.73	-100.23	100.23	92.66	7.57	13.232 CC, ES	
300.00	299.98	303.46	303.45	3.35	3.35	151.93	2.29	-99.90	101.47	93.81	7.66	13.247	
400.00	399.84	407.00	406.90	3.41	3.42	154.72	4.67	-96.46	102.96	95.19	7.78	13.239	
500.00	499.45	510.45	510.06	3.50	3.51	158.56	7.27	-89.31	104.37	96.44	7.94	13.153	
600.00	598.70	613.74	612.73	3.61	3.63	163.40	10.09	-78.46	106.08	97.95	8.13	13.042	
700.00	697.47	716.81	714.72	3.77	3.78	169.14	13.13	-63.95	108.57	100.19	8.38	12.957	
800.00	795.83	818.82	815.10	3.96	3.97	175.48	16.34	-46.09	111.34	102.66	8.68	12.823	
900.00	894.18	918.03	912.54	4.19	4.19	-178.42	19.52	-27.67	114.55	105.49	9.06	12.648	
1,000.00	992.53	1,017.24	1,009.97	4.44	4.43	-172.71	22.70	-9.25	119.00	109.52	9.48	12.552	
1,100.00	1,090.88	1,116.45	1,107.41	4.71	4.70	-167.45	25.88	9.17	124.56	114.61	9.95	12.517	
1,200.00	1,189.23	1,215.67	1,204.84	5.00	4.98	-162.67	29.06	27.59	131.07	120.61	10.46	12.526	
1,300.00	1,287.58	1,314.88	1,302.28	5.31	5.28	-158.37	32.25	46.01	138.42	127.40	11.02	12.564	
1,400.00	1,385.94	1,414.09	1,399.72	5.62	5.59	-154.52	35.43	64.43	146.47	134.87	11.60	12.623	
1,500.00	1,484.29	1,513.31	1,497.15	5.95	5.91	-151.08	38.61	82.85	155.11	142.90	12.22	12.695	
1,600.00	1,582.64	1,612.52	1,594.59	6.29	6.24	-148.00	41.79	101.27	164.26	151.40	12.86	12.774	
1,700.00	1,680.99	1,711.73	1,692.03	6.63	6.58	-145.26	44.97	119.69	173.82	160.31	13.52	12.858	
1,800.00	1,779.34	1,810.95	1,789.46	6.98	6.91	-142.81	48.15	138.11	183.74	169.57	14.18	12.959	
1,900.00	1,877.69	1,910.16	1,886.90	7.18	7.09	-140.61	51.33	156.53	193.97	179.79	14.18	13.681	
2,000.00	1,976.04	2,009.37	1,984.33	7.22	7.13	-138.63	54.52	174.95	204.44	190.15	14.29	14.302	
2,100.00	2,074.39	2,108.59	2,081.77	7.28	7.19	-136.85	57.70	193.37	215.14	200.70	14.44	14.898	
2,200.00	2,172.74	2,207.80	2,179.21	7.35	7.27	-135.23	60.88	211.79	226.02	211.41	14.61	15.465	
2,300.00	2,271.09	2,307.01	2,276.64	7.45	7.36	-133.77	64.06	230.21	237.07	222.25	14.82	16.000	
2,400.00	2,369.44	2,406.23	2,374.08	7.55	7.47	-132.43	67.24	248.63	248.25	233.21	15.05	16.500	
2,500.00	2,467.79	2,505.44	2,471.52	7.68	7.59	-131.21	70.42	267.05	259.56	244.26	15.30	16.962	
2,600.00	2,566.15	2,604.65	2,568.95	7.81	7.73	-130.09	73.61	285.47	270.97	255.39	15.58	17.388	
2,700.00	2,664.50	2,703.87	2,666.39	7.96	7.88	-129.07	76.79	303.89	282.48	266.59	15.89	17.777	
2,800.00	2,762.85	2,803.08	2,763.83	8.12	8.04	-128.12	79.97	322.31	294.07	277.85	16.22	18.132	
2,900.00	2,861.20	2,902.29	2,861.26	8.30	8.21	-127.25	83.15	340.73	305.74	289.17	16.57	18.451	
3,000.00	2,959.55	3,001.50	2,958.70	8.48	8.40	-126.43	86.33	359.15	317.46	300.52	16.94	18.739	
3,100.00	3,057.90	3,100.72	3,056.13	8.68	8.59	-125.68	89.51	377.57	329.25	311.92	17.33	18.996	
3,200.00	3,156.25	3,200.07	3,153.57	8.89	8.80	-124.98	92.70	395.99	341.09	323.35	17.74	19.225	
3,300.00	3,254.60	3,300.86	3,251.01	9.10	9.01	-124.33	95.88	414.41	352.98	334.80	18.17	19.424	
3,400.00	3,352.95	3,401.64	3,348.44	9.32	9.24	-123.72	99.06	432.83	364.90	346.29	18.62	19.600	
3,500.00	3,451.30	3,502.43	3,445.88	9.56	9.47	-123.14	102.24	451.25	376.87	357.79	19.08	19.753	
3,600.00	3,549.65	3,603.22	3,543.32	9.79	9.71	-122.61	105.42	469.67	388.87	369.32	19.55	19.887	
3,700.00	3,648.00	3,704.00	3,640.75	10.04	9.96	-122.10	108.60	488.09	400.91	380.86	20.04	20.002	
3,800.00	3,746.36	3,804.79	3,738.19	10.29	10.21	-121.63	111.79	506.51	412.97	392.43	20.54	20.102	
3,900.00	3,844.71	3,905.58	3,835.62	10.55	10.47	-121.18	114.97	524.93	425.06	404.00	21.06	20.188	
4,000.00	3,943.06	4,006.36	3,933.06	10.81	10.73	-120.76	118.15	543.35	437.17	415.59	21.58	20.261	
4,100.00	4,041.41	4,107.15	4,030.50	11.08	11.00	-120.35	121.33	561.77	449.31	427.20	22.11	20.322	
4,200.00	4,139.76	4,207.94	4,127.93	11.35	11.27	-119.97	124.51	580.19	461.46	438.81	22.65	20.373	
4,300.00	4,238.11	4,308.72	4,225.37	11.63	11.55	-119.61	127.69	598.61	473.64	450.44	23.20	20.415	
4,400.00	4,336.46	4,409.51	4,322.81	11.91	11.83	-119.27	130.87	617.03	485.83	462.07	23.76	20.449	
4,500.00	4,434.81	4,489.70	4,420.24	12.20	12.06	-118.95	134.06	635.45	498.04	473.78	24.26	20.526	
4,600.00	4,533.16	4,588.92	4,517.68	12.48	12.35	-118.64	137.24	653.87	510.26	485.43	24.83	20.550	
4,700.00	4,631.51	4,688.13	4,615.11	12.78	12.63	-118.34	140.42	672.29	522.50	497.10	25.40	20.568	
4,800.00	4,729.86	4,787.34	4,712.55	13.07	12.92	-118.06	143.60	690.71	534.75	508.77	25.98	20.581	
4,900.00	4,828.21	4,886.55	4,809.99	13.37	13.22	-117.79	146.78	709.13	547.01	520.45	26.57	20.590	
5,000.00	4,926.57	4,985.77	4,907.42	13.67	13.51	-117.53	149.96	727.55	559.29	532.13	27.16	20.595	
5,100.00	5,024.92	5,084.98	5,004.86	13.97	13.81	-117.29	153.15	745.97	571.57	543.82	27.75	20.597	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,123.27	5,184.19	5,102.30	14.28	14.11	-117.05	156.33	764.39	583.87	555.52	28.35	20.596		
5,300.00	5,221.62	5,283.41	5,199.73	14.59	14.42	-116.82	159.51	782.81	596.17	567.22	28.95	20.592		
5,400.00	5,319.97	5,382.62	5,297.17	14.90	14.72	-116.61	162.69	801.23	608.49	578.93	29.56	20.585		
5,500.00	5,418.32	5,481.83	5,394.61	15.21	15.03	-116.40	165.87	819.65	620.81	590.64	30.17	20.577		
5,600.00	5,516.67	5,581.05	5,492.04	15.52	15.34	-116.20	169.05	838.07	633.14	602.35	30.78	20.567		
5,700.00	5,615.02	5,680.26	5,589.48	15.84	15.65	-116.01	172.24	856.49	645.47	614.07	31.40	20.555		
5,800.00	5,713.37	5,779.47	5,686.91	16.15	15.96	-115.82	175.42	874.91	657.82	625.79	32.02	20.542		
5,900.00	5,811.72	5,878.69	5,784.35	16.47	16.27	-115.64	178.60	893.33	670.17	637.52	32.65	20.527		
6,000.00	5,910.07	5,977.90	5,881.79	16.79	16.59	-115.47	181.78	911.75	682.52	649.25	33.27	20.512		
6,100.00	6,008.42	6,077.11	5,979.22	17.11	16.90	-115.30	184.96	930.17	694.89	660.98	33.90	20.496		
6,200.00	6,106.78	6,176.33	6,076.66	17.43	17.22	-115.14	188.14	948.59	707.25	672.72	34.54	20.479		
6,300.00	6,205.13	6,275.54	6,174.10	17.76	17.54	-114.99	191.33	967.01	719.63	684.46	35.17	20.462		
6,400.00	6,303.48	6,374.75	6,271.53	18.08	17.86	-114.84	194.51	985.43	732.01	696.20	35.81	20.444		
6,500.00	6,401.83	6,473.97	6,368.97	18.41	18.18	-114.69	197.69	1,003.85	744.39	707.94	36.44	20.425		
6,600.00	6,500.18	6,573.18	6,466.40	18.73	18.50	-114.55	200.87	1,022.27	756.78	719.69	37.09	20.406		
6,700.00	6,598.49	6,672.40	6,563.85	19.06	18.82	-110.61	204.05	1,040.69	769.14	731.42	37.73	20.387		
6,800.00	6,694.58	6,771.29	6,660.97	19.45	19.14	-98.81	207.22	1,059.05	780.41	742.01	38.40	20.322		
6,900.00	6,785.47	6,860.12	6,747.41	19.92	19.46	-94.67	210.22	1,079.07	790.65	751.53	39.12	20.210		
7,000.00	6,868.90	6,948.40	6,829.81	20.48	19.86	-92.82	213.65	1,110.34	800.95	760.94	40.01	20.019		
7,100.00	6,942.84	7,039.22	6,909.22	21.13	20.37	-92.04	217.59	1,154.09	811.19	770.09	41.10	19.736		
7,200.00	7,005.45	7,133.08	6,983.86	21.87	21.00	-91.88	222.02	1,210.67	821.23	778.82	42.42	19.361		
7,300.00	7,055.21	7,230.48	7,051.64	22.70	21.75	-92.14	226.91	1,280.31	830.88	786.91	43.97	18.895		
7,400.00	7,090.87	7,331.95	7,110.08	23.61	22.64	-92.70	232.18	1,362.97	839.91	794.13	45.78	18.346		
7,500.00	7,111.57	7,437.99	7,156.30	24.59	23.69	-93.50	237.75	1,458.11	848.06	800.23	47.83	17.731		
7,600.00	7,116.95	7,549.04	7,187.07	25.62	24.88	-94.57	243.48	1,564.51	855.03	804.94	50.09	17.071		
7,700.00	7,116.60	7,666.04	7,198.97	26.71	26.19	-95.36	249.22	1,680.60	860.43	807.85	52.58	16.364		
7,800.00	7,116.25	7,767.45	7,198.57	27.85	27.38	-95.33	253.97	1,781.89	864.65	809.69	54.96	15.732		
7,900.00	7,115.90	7,867.36	7,198.11	29.06	28.60	-95.29	258.64	1,881.69	868.87	811.46	57.41	15.134		
8,000.00	7,115.55	7,967.27	7,197.64	30.31	29.86	-95.26	263.32	1,981.49	873.08	813.13	59.94	14.565		
8,100.00	7,115.21	8,067.18	7,197.18	31.60	31.15	-95.23	268.00	2,081.29	877.29	814.74	62.55	14.025		
8,200.00	7,114.86	8,167.09	7,196.71	32.92	32.48	-95.19	272.68	2,181.09	881.50	816.27	65.23	13.514		
8,300.00	7,114.51	8,267.00	7,196.25	34.28	33.84	-95.16	277.36	2,280.89	885.72	817.75	67.96	13.032		
8,400.00	7,114.16	8,366.91	7,195.79	35.66	35.23	-95.13	282.03	2,380.69	889.93	819.18	70.75	12.579		
8,500.00	7,113.81	8,466.82	7,195.32	37.07	36.64	-95.10	286.71	2,480.48	894.14	820.57	73.58	12.152		
8,600.00	7,113.46	8,566.73	7,194.86	38.51	38.07	-95.07	291.39	2,580.28	898.36	821.91	76.45	11.751		
8,700.00	7,113.11	8,666.64	7,194.39	39.96	39.52	-95.04	296.07	2,680.08	902.57	823.22	79.36	11.374		
8,800.00	7,112.76	8,766.55	7,193.93	41.42	40.99	-95.00	300.75	2,779.88	906.79	824.49	82.29	11.019		
8,900.00	7,112.41	8,866.46	7,193.47	42.91	42.47	-94.97	305.42	2,879.68	911.00	825.74	85.26	10.685		
9,000.00	7,112.06	8,966.37	7,193.00	44.40	43.96	-94.94	310.10	2,979.48	915.22	826.96	88.26	10.370		
9,100.00	7,111.71	9,066.28	7,192.54	45.91	45.46	-94.91	314.78	3,079.28	919.43	828.16	91.27	10.073		
9,200.00	7,111.37	9,166.19	7,192.07	47.43	46.98	-94.88	319.46	3,179.08	923.65	829.34	94.31	9.794		
9,300.00	7,111.02	9,266.10	7,191.61	48.96	48.51	-94.85	324.14	3,278.88	927.86	830.49	97.37	9.529		
9,400.00	7,110.67	9,366.01	7,191.15	50.50	50.04	-94.83	328.81	3,378.68	932.08	831.64	100.44	9.280		
9,500.00	7,110.32	9,465.92	7,190.68	52.05	51.58	-94.80	333.49	3,478.48	936.30	832.76	103.53	9.043		
9,600.00	7,109.97	9,565.83	7,190.22	53.60	53.13	-94.77	338.17	3,578.28	940.51	833.87	106.64	8.820		
9,700.00	7,109.62	9,665.74	7,189.75	55.17	54.69	-94.74	342.85	3,678.08	944.73	834.97	109.76	8.607		
9,800.00	7,109.27	9,765.65	7,189.29	56.73	56.25	-94.71	347.53	3,777.88	948.95	836.06	112.89	8.406		
9,900.00	7,108.92	9,865.56	7,188.83	58.31	57.82	-94.68	352.20	3,877.67	953.16	837.13	116.03	8.215		
10,000.00	7,108.57	9,965.47	7,188.36	59.89	59.40	-94.66	356.88	3,977.47	957.38	838.20	119.18	8.033		
10,100.00	7,108.22	10,095.92	7,187.76	61.47	61.46	-94.63	361.53	4,107.84	960.63	837.67	122.96	7.813		
10,200.00	7,107.87	10,218.52	7,187.18	63.06	63.41	-94.62	361.27	4,230.44	959.85	833.33	126.52	7.587		
10,300.00	7,107.52	10,318.52	7,186.72	64.66	65.01	-94.62	360.40	4,330.42	958.54	828.83	129.70	7.390		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
10,400.00	7,107.18	10,418.51	7,186.25	66.25	66.60	-94.62	359.54	4,430.41	957.22	824.33	132.90	7.203	
10,500.00	7,106.83	10,518.50	7,185.79	67.85	68.20	-94.62	358.67	4,530.39	955.91	819.81	136.10	7.024	
10,600.00	7,106.48	10,618.49	7,185.32	69.46	69.81	-94.62	357.81	4,630.38	954.60	815.29	139.30	6.853	
10,700.00	7,106.13	10,718.48	7,184.86	71.07	71.42	-94.62	356.94	4,730.37	953.28	810.77	142.51	6.689	
10,800.00	7,105.78	10,818.47	7,184.39	72.68	73.03	-94.62	356.07	4,830.35	951.97	806.24	145.73	6.532	
10,900.00	7,105.43	10,918.46	7,183.92	74.29	74.64	-94.62	355.21	4,930.34	950.66	801.70	148.95	6.382	
11,000.00	7,105.08	11,018.46	7,183.46	75.91	76.25	-94.62	354.34	5,030.33	949.34	797.16	152.18	6.238	
11,100.00	7,104.73	11,118.45	7,182.99	77.52	77.87	-94.62	353.48	5,130.31	948.03	792.62	155.41	6.100	
11,200.00	7,104.38	11,218.44	7,182.53	79.14	79.49	-94.62	352.61	5,230.30	946.72	788.07	158.65	5.967	
11,300.00	7,104.03	11,318.43	7,182.06	80.77	81.12	-94.62	351.74	5,330.29	945.41	783.51	161.89	5.840	
11,400.00	7,103.68	11,418.42	7,181.59	82.39	82.74	-94.61	350.88	5,430.27	944.09	778.96	165.14	5.717	
11,500.00	7,103.34	11,518.41	7,181.13	84.02	84.37	-94.61	350.01	5,530.26	942.78	774.39	168.39	5.599	
11,600.00	7,102.99	11,618.40	7,180.66	85.65	85.99	-94.61	349.15	5,630.25	941.47	769.83	171.64	5.485	
11,700.00	7,102.64	11,718.39	7,180.20	87.28	87.62	-94.61	348.28	5,730.23	940.15	765.26	174.89	5.376	
11,800.00	7,102.29	11,818.39	7,179.73	88.91	89.26	-94.61	347.41	5,830.22	938.84	760.69	178.15	5.270	
11,900.00	7,101.94	11,918.38	7,179.27	90.54	90.89	-94.61	346.55	5,930.21	937.53	756.12	181.41	5.168	
12,000.00	7,101.59	12,018.37	7,178.80	92.18	92.52	-94.61	345.68	6,030.19	936.21	751.54	184.67	5.070	
12,100.00	7,101.24	12,118.36	7,178.33	93.81	94.16	-94.61	344.82	6,130.18	934.90	746.96	187.94	4.974	
12,200.00	7,100.89	12,218.35	7,177.87	95.45	95.80	-94.61	343.95	6,230.17	933.59	742.38	191.21	4.883	
12,300.00	7,100.54	12,318.34	7,177.40	97.09	97.44	-94.61	343.08	6,330.15	932.28	737.80	194.48	4.794	
12,400.00	7,100.19	12,418.33	7,176.94	98.73	99.08	-94.61	342.22	6,430.14	930.96	733.21	197.75	4.708	
12,500.00	7,099.84	12,518.33	7,176.47	100.37	100.72	-94.61	341.35	6,530.13	929.65	728.62	201.03	4.625	
12,600.00	7,099.49	12,618.32	7,176.01	102.01	102.36	-94.61	340.49	6,630.11	928.34	724.03	204.30	4.544	
12,700.00	7,099.15	12,718.31	7,175.54	103.65	104.00	-94.61	339.62	6,730.10	927.02	719.44	207.58	4.466	
12,800.00	7,098.80	12,818.30	7,175.07	105.29	105.64	-94.61	338.75	6,830.09	925.71	714.85	210.86	4.390	
12,900.00	7,098.45	12,918.29	7,174.61	106.94	107.29	-94.60	337.89	6,930.07	924.40	710.25	214.14	4.317	
13,000.00	7,098.10	13,018.28	7,174.14	108.58	108.93	-94.60	337.02	7,030.06	923.08	705.66	217.43	4.245	
13,100.00	7,097.75	13,118.27	7,173.68	110.23	110.58	-94.60	336.16	7,130.05	921.77	701.06	220.71	4.176	
13,200.00	7,097.40	13,218.27	7,173.21	111.88	112.23	-94.60	335.29	7,230.03	920.46	696.46	224.00	4.109	
13,300.00	7,097.05	13,318.26	7,172.74	113.53	113.88	-94.60	334.42	7,330.02	919.15	691.86	227.29	4.044	
13,400.00	7,096.70	13,418.25	7,172.28	115.17	115.53	-94.60	333.56	7,430.00	917.83	687.25	230.58	3.981	
13,500.00	7,096.35	13,518.24	7,171.81	116.82	117.17	-94.60	332.69	7,529.99	916.52	682.65	233.87	3.919	
13,600.00	7,096.00	13,618.23	7,171.35	118.47	118.82	-94.60	331.83	7,629.98	915.21	678.04	237.16	3.859	
13,700.00	7,095.65	13,718.22	7,170.88	120.12	120.48	-94.60	330.96	7,729.96	913.89	673.44	240.46	3.801	
13,800.00	7,095.31	13,818.21	7,170.42	121.77	122.13	-94.60	330.09	7,829.95	912.58	668.83	243.75	3.744	
13,900.00	7,094.96	13,918.21	7,169.95	123.42	123.78	-94.60	329.23	7,929.94	911.27	664.22	247.05	3.689	
14,000.00	7,094.61	14,018.20	7,169.48	125.08	125.43	-94.60	328.36	8,029.92	909.95	659.61	250.35	3.635	
14,100.00	7,094.26	14,118.19	7,169.02	126.73	127.08	-94.60	327.50	8,129.91	908.64	655.00	253.64	3.582	
14,200.00	7,093.91	14,218.18	7,168.55	128.38	128.74	-94.60	326.63	8,229.90	907.33	650.39	256.94	3.531	
14,300.00	7,093.56	14,318.17	7,168.09	130.04	130.39	-94.59	325.76	8,329.88	906.02	645.77	260.24	3.481	
14,400.00	7,093.21	14,418.16	7,167.62	131.69	132.05	-94.59	324.90	8,429.87	904.70	641.16	263.54	3.433	
14,500.00	7,092.86	14,518.15	7,167.16	133.34	133.70	-94.59	324.03	8,529.86	903.39	636.54	266.85	3.385	
14,600.00	7,092.51	14,618.14	7,166.69	135.00	135.36	-94.59	323.17	8,629.84	902.08	631.93	270.15	3.339	
14,700.00	7,092.16	14,718.14	7,166.22	136.66	137.01	-94.59	322.30	8,729.83	900.76	627.31	273.45	3.294	
14,800.00	7,091.81	14,818.13	7,165.76	138.31	138.67	-94.59	321.44	8,829.82	899.45	622.70	276.76	3.250	
14,900.00	7,091.46	14,918.12	7,165.29	139.97	140.33	-94.59	320.57	8,929.80	898.14	618.08	280.06	3.207	
15,000.00	7,091.12	15,018.11	7,164.83	141.62	141.98	-94.59	319.70	9,029.79	896.82	613.46	283.37	3.165	
15,100.00	7,090.77	15,118.10	7,164.36	143.28	143.64	-94.59	318.84	9,129.78	895.51	608.84	286.67	3.124	
15,200.00	7,090.42	15,218.09	7,163.89	144.94	145.30	-94.59	317.97	9,229.76	894.20	604.22	289.98	3.084	
15,300.00	7,090.07	15,318.08	7,163.43	146.60	146.96	-94.59	317.11	9,329.75	892.89	599.60	293.29	3.044	
15,400.00	7,089.72	15,418.08	7,162.96	148.25	148.62	-94.59	316.24	9,429.74	891.57	594.98	296.60	3.006	
15,500.00	7,089.37	15,518.07	7,162.50	149.91	150.28	-94.59	315.37	9,529.72	890.26	590.35	299.91	2.968	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-3C-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	
15,600.00	7,089.02	15,618.06	7,162.03	151.57	151.93	-94.58	314.51	9,629.71	888.95	585.73	303.22	2.932	
15,700.00	7,088.67	15,718.05	7,161.57	153.23	153.59	-94.58	313.64	9,729.70	887.63	581.11	306.53	2.896	
15,800.00	7,088.32	15,818.04	7,161.10	154.89	155.25	-94.58	312.78	9,829.68	886.32	576.48	309.84	2.861	
15,900.00	7,087.97	15,918.03	7,160.63	156.55	156.91	-94.58	311.91	9,929.67	885.01	571.86	313.15	2.826	
16,000.00	7,087.62	16,018.02	7,160.17	158.21	158.57	-94.58	311.04	10,029.65	883.70	567.24	316.46	2.792	
16,100.00	7,087.28	16,118.02	7,159.70	159.87	160.24	-94.58	310.18	10,129.64	882.38	562.61	319.77	2.759	
16,200.00	7,086.93	16,218.01	7,159.24	161.53	161.90	-94.58	309.31	10,229.63	881.07	557.98	323.08	2.727	
16,300.00	7,086.58	16,318.00	7,158.77	163.19	163.56	-94.58	308.45	10,329.61	879.76	553.36	326.40	2.695	
16,400.00	7,086.23	16,417.99	7,158.30	164.85	165.22	-94.58	307.58	10,429.60	878.44	548.73	329.71	2.664	
16,500.00	7,085.88	16,517.98	7,157.84	166.51	166.88	-94.58	306.71	10,529.59	877.13	544.10	333.03	2.634	
16,600.00	7,085.53	16,617.97	7,157.37	168.17	168.54	-94.58	305.85	10,629.57	875.82	539.48	336.34	2.604	
16,700.00	7,085.18	16,717.96	7,156.91	169.83	170.21	-94.58	304.98	10,729.56	874.50	534.85	339.66	2.575	
16,800.00	7,084.83	16,817.96	7,156.44	171.49	171.87	-94.58	304.12	10,829.55	873.19	530.22	342.97	2.546	
16,900.00	7,084.48	16,917.95	7,155.98	173.16	173.53	-94.57	303.25	10,929.53	871.88	525.59	346.29	2.518	
17,000.00	7,084.13	17,017.94	7,155.51	174.82	175.19	-94.57	302.38	11,029.52	870.57	520.96	349.60	2.490	
17,100.00	7,083.78	17,117.93	7,155.04	176.48	176.86	-94.57	301.52	11,129.51	869.25	516.33	352.92	2.463	
17,200.00	7,083.43	17,217.92	7,154.58	178.14	178.52	-94.57	300.65	11,229.49	867.94	511.70	356.24	2.436	
17,300.00	7,083.09	17,317.91	7,154.11	179.81	180.18	-94.57	299.79	11,329.48	866.63	507.07	359.56	2.410	
17,400.00	7,082.74	17,417.90	7,153.65	181.47	181.85	-94.57	298.92	11,429.47	865.31	502.44	362.87	2.385	
17,500.00	7,082.39	17,517.89	7,153.18	183.13	183.51	-94.57	298.05	11,529.45	864.00	497.81	366.19	2.359	
17,600.00	7,082.04	17,617.89	7,152.72	184.79	185.17	-94.57	297.19	11,629.44	862.69	493.18	369.51	2.335	
17,700.00	7,081.69	17,717.88	7,152.25	186.46	186.84	-94.57	296.32	11,729.43	861.37	488.54	372.83	2.310	
17,800.00	7,081.34	17,817.87	7,151.78	188.12	188.50	-94.57	295.46	11,829.41	860.06	483.91	376.15	2.286	
17,900.00	7,080.99	17,917.86	7,151.32	189.78	190.17	-94.57	294.59	11,929.40	858.75	479.28	379.47	2.263	
17,997.31	7,080.65	18,015.17	7,150.86	191.40	191.79	-94.57	293.75	12,026.70	857.47	474.77	382.70	2.241 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.58	1.46	-200.18	200.18				
100.00	100.00	103.00	103.00	3.28	3.28	-89.58	1.46	-200.18	200.18	192.65	7.53	26.587	
200.00	200.00	203.00	203.00	3.31	3.31	-89.58	1.46	-200.18	200.18	192.61	7.57	26.427	CC, ES
300.00	299.98	303.14	303.14	3.35	3.35	150.80	1.46	-200.18	201.70	194.04	7.66	26.326	
400.00	399.84	408.55	408.53	3.41	3.42	151.90	2.81	-198.63	204.85	197.07	7.79	26.298	
500.00	499.45	513.64	513.44	3.50	3.52	154.16	6.69	-194.18	208.58	200.62	7.96	26.208	
600.00	598.70	618.12	617.46	3.61	3.64	157.45	13.06	-186.88	213.36	205.18	8.17	26.105	
700.00	697.47	721.72	720.20	3.77	3.78	161.63	21.83	-176.83	219.83	211.39	8.44	26.053	
800.00	795.83	824.36	821.43	3.96	3.96	166.46	32.92	-164.11	227.70	218.95	8.76	26.008	
900.00	894.18	926.08	921.11	4.19	4.18	171.68	46.25	-148.83	235.42	226.29	9.13	25.791	
1,000.00	992.53	1,026.66	1,018.89	4.44	4.43	177.23	61.72	-131.10	243.54	233.97	9.57	25.456	
1,100.00	1,090.88	1,125.87	1,114.48	4.71	4.74	-176.95	79.17	-111.09	252.75	242.67	10.08	25.085	
1,200.00	1,189.23	1,222.10	1,206.61	5.00	5.07	-171.29	97.44	-90.15	263.95	253.31	10.65	24.789	
1,300.00	1,287.58	1,317.95	1,298.36	5.31	5.44	-166.12	115.67	-69.26	277.64	266.37	11.26	24.650	
1,400.00	1,385.94	1,413.81	1,390.12	5.62	5.82	-161.45	133.89	-48.37	293.45	281.54	11.91	24.635	
1,500.00	1,484.29	1,509.66	1,481.88	5.95	6.23	-157.25	152.11	-27.48	311.08	298.50	12.59	24.714	
1,600.00	1,582.64	1,605.52	1,573.64	6.29	6.64	-153.49	170.34	-6.59	330.23	316.95	13.28	24.862	
1,700.00	1,680.99	1,701.38	1,665.40	6.63	7.07	-150.15	188.56	14.30	350.65	336.66	13.99	25.057	
1,800.00	1,779.34	1,802.77	1,757.16	6.98	7.53	-147.16	206.78	35.19	372.13	357.40	14.74	25.250	
1,900.00	1,877.69	1,906.91	1,848.92	7.18	7.79	-144.50	225.00	56.08	394.51	379.73	14.78	26.697	
2,000.00	1,976.04	1,988.94	1,940.68	7.22	7.85	-142.12	243.23	76.97	417.62	402.76	14.87	28.093	
2,100.00	2,074.39	2,084.80	2,032.44	7.28	7.94	-139.99	261.45	97.86	441.37	426.37	15.00	29.432	
2,200.00	2,172.74	2,180.65	2,124.20	7.35	8.05	-138.07	279.67	118.75	465.65	450.49	15.16	30.718	
2,300.00	2,271.09	2,276.51	2,215.96	7.45	8.17	-136.34	297.90	139.64	490.38	475.03	15.35	31.939	
2,400.00	2,369.44	2,372.36	2,307.72	7.55	8.32	-134.77	316.12	160.53	515.50	499.92	15.58	33.087	
2,500.00	2,467.79	2,468.22	2,399.48	7.68	8.48	-133.34	334.34	181.42	540.95	525.12	15.84	34.160	
2,600.00	2,566.15	2,564.07	2,491.24	7.81	8.66	-132.05	352.57	202.31	566.70	550.58	16.12	35.153	
2,700.00	2,664.50	2,659.93	2,583.00	7.96	8.86	-130.86	370.79	223.20	592.69	576.26	16.43	36.067	
2,800.00	2,762.85	2,755.79	2,674.76	8.12	9.06	-129.78	389.01	244.09	618.91	602.14	16.77	36.903	
2,900.00	2,861.20	2,851.64	2,766.52	8.30	9.29	-128.78	407.24	264.98	645.32	628.18	17.13	37.664	
3,000.00	2,959.55	2,947.50	2,858.28	8.48	9.52	-127.86	425.46	285.87	671.89	654.38	17.52	38.353	
3,100.00	3,057.90	3,043.35	2,950.04	8.68	9.77	-127.00	443.68	306.76	698.62	680.70	17.93	38.975	
3,200.00	3,156.25	3,139.21	3,041.79	8.89	10.03	-126.22	461.91	327.65	725.49	707.13	18.35	39.533	
3,300.00	3,254.60	3,235.06	3,133.55	9.10	10.29	-125.48	480.13	348.54	752.47	733.67	18.80	40.032	
3,400.00	3,352.95	3,330.92	3,225.31	9.32	10.57	-124.80	498.35	369.43	779.56	760.30	19.26	40.478	
3,500.00	3,451.30	3,426.77	3,317.07	9.56	10.85	-124.16	516.57	390.32	806.74	787.01	19.74	40.874	
3,600.00	3,549.65	3,522.63	3,408.83	9.79	11.15	-123.57	534.80	411.21	834.02	813.79	20.23	41.226	
3,700.00	3,648.00	3,618.49	3,500.59	10.04	11.45	-123.01	553.02	432.10	861.37	840.63	20.74	41.537	
3,800.00	3,746.36	3,714.34	3,592.35	10.29	11.76	-122.48	571.24	452.99	888.79	867.54	21.26	41.811	
3,900.00	3,844.71	3,810.20	3,684.11	10.55	12.07	-121.99	589.47	473.88	916.28	894.49	21.79	42.052	
4,000.00	3,943.06	3,906.05	3,775.87	10.81	12.39	-121.53	607.69	494.77	943.83	921.50	22.33	42.264	
4,100.00	4,041.41	4,001.91	3,867.63	11.08	12.71	-121.09	625.91	515.66	971.44	948.55	22.88	42.449	
4,200.00	4,139.76	4,102.24	3,959.39	11.35	13.06	-120.67	644.14	536.55	999.09	975.63	23.46	42.582	
4,300.00	4,238.11	4,206.38	4,051.15	11.63	13.42	-120.28	662.36	557.44	1,026.79	1,002.72	24.06	42.672	
4,400.00	4,336.46	4,289.47	4,142.91	11.91	13.71	-119.91	680.58	578.33	1,054.53	1,029.93	24.60	42.869	
4,500.00	4,434.81	4,385.33	4,234.67	12.20	14.05	-119.56	698.81	599.22	1,082.31	1,057.12	25.19	42.972	
4,600.00	4,533.16	4,481.18	4,326.43	12.48	14.40	-119.22	717.03	620.11	1,110.12	1,084.34	25.78	43.060	
4,700.00	4,631.51	4,577.04	4,418.19	12.78	14.75	-118.90	735.25	641.00	1,137.97	1,111.59	26.38	43.134	
4,800.00	4,729.86	4,672.90	4,509.95	13.07	15.10	-118.60	753.48	661.89	1,165.85	1,138.86	26.99	43.197	
4,900.00	4,828.21	4,768.75	4,601.71	13.37	15.45	-118.31	771.70	682.78	1,193.76	1,166.16	27.60	43.248	
5,000.00	4,926.57	4,864.61	4,693.47	13.67	15.81	-118.04	789.92	703.67	1,221.70	1,193.48	28.22	43.290	
5,100.00	5,024.92	4,960.46	4,785.22	13.97	16.17	-117.77	808.14	724.56	1,249.66	1,220.81	28.84	43.324	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
5,200.00	5,123.27	5,056.32	4,876.98	14.28	16.53	-117.52	826.37	745.45	1,277.64	1,248.17	29.47	43.350		
5,300.00	5,221.62	5,152.17	4,968.74	14.59	16.90	-117.28	844.59	766.34	1,305.65	1,275.54	30.11	43.369		
5,400.00	5,319.97	5,248.03	5,060.50	14.90	17.27	-117.05	862.81	787.23	1,333.68	1,302.93	30.74	43.382		
5,500.00	5,418.32	5,343.88	5,152.26	15.21	17.63	-116.83	881.04	808.12	1,361.72	1,330.34	31.38	43.390		
5,600.00	5,516.67	5,439.74	5,244.02	15.52	18.01	-116.61	899.26	829.01	1,389.79	1,357.76	32.03	43.392		
5,700.00	5,615.02	5,535.59	5,335.78	15.84	18.38	-116.41	917.48	849.90	1,417.87	1,385.19	32.68	43.391		
5,800.00	5,713.37	5,631.45	5,427.54	16.15	18.75	-116.21	935.71	870.79	1,445.96	1,412.64	33.33	43.386		
5,900.00	5,811.72	5,727.31	5,519.30	16.47	19.13	-116.02	953.93	891.68	1,474.08	1,440.09	33.98	43.378		
6,000.00	5,910.07	5,823.16	5,611.06	16.79	19.50	-115.84	972.15	912.57	1,502.20	1,467.56	34.64	43.366		
6,100.00	6,008.42	5,919.02	5,702.82	17.11	19.88	-115.67	990.38	933.46	1,530.34	1,495.04	35.30	43.352		
6,200.00	6,106.78	6,014.87	5,794.58	17.43	20.26	-115.50	1,008.60	954.35	1,558.50	1,522.53	35.96	43.336		
6,300.00	6,205.13	6,110.73	5,886.34	17.76	20.64	-115.33	1,026.82	975.24	1,586.66	1,550.03	36.63	43.317		
6,400.00	6,303.48	6,206.58	5,978.10	18.08	21.02	-115.18	1,045.05	996.13	1,614.84	1,577.54	37.30	43.297		
6,500.00	6,401.83	6,302.44	6,069.86	18.41	21.41	-115.02	1,063.27	1,017.02	1,643.02	1,605.06	37.97	43.275		
6,600.00	6,500.18	6,401.71	6,161.62	18.73	21.80	-114.88	1,081.49	1,037.91	1,671.22	1,632.57	38.65	43.237		
6,700.00	6,598.49	6,505.84	6,253.39	19.06	22.22	-110.66	1,099.72	1,058.80	1,699.41	1,660.05	39.36	43.177		
6,800.00	6,694.58	6,609.88	6,345.25	19.45	22.64	-96.97	1,117.96	1,079.71	1,726.45	1,686.32	40.13	43.024		
6,900.00	6,785.47	6,684.42	6,435.51	19.92	22.94	-90.88	1,135.89	1,100.26	1,751.40	1,710.51	40.88	42.837		
7,000.00	6,868.90	6,774.73	6,521.97	20.48	23.31	-87.60	1,153.06	1,119.95	1,774.20	1,732.39	41.80	42.440		
7,100.00	6,942.84	6,858.83	6,602.48	21.13	23.65	-85.74	1,169.04	1,138.28	1,795.14	1,752.34	42.80	41.943		
7,200.00	7,005.45	6,934.66	6,675.06	21.87	23.96	-84.67	1,183.46	1,154.80	1,814.78	1,770.92	43.86	41.380		
7,300.00	7,055.21	7,000.34	6,737.93	22.70	24.22	-83.96	1,195.95	1,169.11	1,833.81	1,788.86	44.96	40.792		
7,400.00	7,090.87	7,069.92	6,804.23	23.61	24.51	-83.74	1,209.12	1,185.58	1,852.85	1,806.67	46.18	40.126		
7,500.00	7,111.57	7,165.86	6,892.21	24.59	24.99	-84.41	1,226.64	1,219.33	1,871.54	1,823.84	47.70	39.236		
7,600.00	7,116.95	7,298.03	7,003.24	25.62	25.80	-86.37	1,248.86	1,287.05	1,889.33	1,839.67	49.66	38.045		
7,700.00	7,116.60	7,543.75	7,163.74	26.71	27.79	-91.31	1,281.30	1,468.21	1,905.24	1,852.33	52.91	36.009		
7,800.00	7,116.25	7,905.70	7,253.03	27.85	31.53	-94.01	1,300.31	1,813.51	1,911.04	1,853.29	57.74	33.096		
7,900.00	7,115.90	8,005.70	7,253.19	29.06	32.66	-94.03	1,300.73	1,913.51	1,911.06	1,850.92	60.13	31.781		
8,000.00	7,115.55	8,105.70	7,253.36	30.31	33.82	-94.04	1,301.16	2,013.51	1,911.08	1,848.47	62.61	30.524		
8,100.00	7,115.21	8,205.70	7,253.52	31.60	35.03	-94.06	1,301.58	2,113.51	1,911.09	1,845.93	65.16	29.328		
8,200.00	7,114.86	8,305.70	7,253.69	32.92	36.27	-94.08	1,302.01	2,213.50	1,911.11	1,843.33	67.78	28.194		
8,300.00	7,114.51	8,405.70	7,253.85	34.28	37.55	-94.09	1,302.43	2,313.50	1,911.13	1,840.67	70.47	27.122		
8,400.00	7,114.16	8,505.70	7,254.02	35.66	38.85	-94.11	1,302.86	2,413.50	1,911.15	1,837.95	73.20	26.108		
8,500.00	7,113.81	8,605.69	7,254.18	37.07	40.18	-94.12	1,303.28	2,513.50	1,911.17	1,835.19	75.98	25.152		
8,600.00	7,113.46	8,705.69	7,254.35	38.51	41.54	-94.14	1,303.70	2,613.49	1,911.19	1,832.38	78.81	24.250		
8,700.00	7,113.11	8,805.69	7,254.52	39.96	42.91	-94.15	1,304.13	2,713.49	1,911.21	1,829.54	81.68	23.400		
8,800.00	7,112.76	8,905.69	7,254.68	41.42	44.31	-94.17	1,304.55	2,813.49	1,911.23	1,826.66	84.58	22.598		
8,900.00	7,112.41	9,005.69	7,254.85	42.91	45.73	-94.18	1,304.98	2,913.49	1,911.25	1,823.75	87.51	21.841		
9,000.00	7,112.06	9,105.69	7,255.01	44.40	47.16	-94.20	1,305.40	3,013.48	1,911.27	1,820.81	90.46	21.127		
9,100.00	7,111.71	9,205.69	7,255.18	45.91	48.61	-94.21	1,305.83	3,113.48	1,911.29	1,817.84	93.45	20.453		
9,200.00	7,111.37	9,305.69	7,255.34	47.43	50.07	-94.23	1,306.25	3,213.48	1,911.31	1,814.86	96.46	19.816		
9,300.00	7,111.02	9,405.68	7,255.51	48.96	51.54	-94.25	1,306.68	3,313.48	1,911.33	1,811.85	99.48	19.213		
9,400.00	7,110.67	9,505.68	7,255.67	50.50	53.03	-94.26	1,307.10	3,413.48	1,911.36	1,808.83	102.53	18.642		
9,500.00	7,110.32	9,605.68	7,255.84	52.05	54.52	-94.28	1,307.53	3,513.47	1,911.38	1,805.78	105.59	18.101		
9,600.00	7,109.97	9,705.68	7,256.00	53.60	56.03	-94.29	1,307.95	3,613.47	1,911.40	1,802.73	108.67	17.589		
9,700.00	7,109.62	9,805.68	7,256.17	55.17	57.54	-94.31	1,308.37	3,713.47	1,911.42	1,799.65	111.77	17.102		
9,800.00	7,109.27	9,905.68	7,256.33	56.73	59.06	-94.32	1,308.80	3,813.47	1,911.44	1,796.57	114.87	16.640		
9,900.00	7,108.92	10,005.68	7,256.50	58.31	60.60	-94.34	1,309.22	3,913.46	1,911.46	1,793.47	117.99	16.200		
10,000.00	7,108.57	10,105.67	7,256.66	59.89	62.13	-94.35	1,309.65	4,013.46	1,911.48	1,790.36	121.12	15.781		
10,100.00	7,108.22	10,205.67	7,256.83	61.47	63.68	-94.37	1,310.07	4,113.46	1,911.51	1,787.24	124.27	15.382		
10,200.00	7,107.87	10,305.67	7,256.99	63.06	65.23	-94.38	1,310.50	4,213.46	1,911.53	1,784.11	127.42	15.002		
10,300.00	7,107.52	10,405.67	7,257.16	64.66	66.79	-94.40	1,310.92	4,313.45	1,911.55	1,780.97	130.58	14.639		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
10,400.00	7,107.18	10,505.67	7,257.32	66.25	68.35	-94.41	1,311.35	4,413.45	1,911.57	1,777.83	133.74	14.293		
10,500.00	7,106.83	10,605.67	7,257.49	67.85	69.92	-94.43	1,311.77	4,513.45	1,911.59	1,774.67	136.92	13.961		
10,600.00	7,106.48	10,705.67	7,257.65	69.46	71.49	-94.45	1,312.20	4,613.45	1,911.62	1,771.51	140.10	13.644		
10,700.00	7,106.13	10,805.67	7,257.82	71.07	73.07	-94.46	1,312.62	4,713.44	1,911.64	1,768.35	143.29	13.341		
10,800.00	7,105.78	10,905.66	7,257.98	72.68	74.65	-94.48	1,313.04	4,813.44	1,911.66	1,765.17	146.49	13.050		
10,900.00	7,105.43	11,005.66	7,258.15	74.29	76.23	-94.49	1,313.47	4,913.44	1,911.69	1,761.99	149.69	12.771		
11,000.00	7,105.08	11,105.66	7,258.31	75.91	77.82	-94.51	1,313.89	5,013.44	1,911.71	1,758.81	152.90	12.503		
11,100.00	7,104.73	11,205.66	7,258.48	77.52	79.41	-94.52	1,314.32	5,113.44	1,911.73	1,755.62	156.11	12.246		
11,200.00	7,104.38	11,305.66	7,258.64	79.14	81.00	-94.54	1,314.74	5,213.43	1,911.76	1,752.43	159.33	11.999		
11,300.00	7,104.03	11,405.66	7,258.81	80.77	82.60	-94.55	1,315.17	5,313.43	1,911.78	1,749.23	162.55	11.761		
11,400.00	7,103.68	11,505.66	7,258.97	82.39	84.20	-94.57	1,315.59	5,413.43	1,911.80	1,746.03	165.78	11.532		
11,500.00	7,103.34	11,605.65	7,259.14	84.02	85.81	-94.58	1,316.02	5,513.43	1,911.83	1,742.82	169.01	11.312		
11,600.00	7,102.99	11,705.65	7,259.30	85.65	87.41	-94.60	1,316.44	5,613.42	1,911.85	1,739.61	172.24	11.100		
11,700.00	7,102.64	11,805.65	7,259.47	87.28	89.02	-94.62	1,316.87	5,713.42	1,911.88	1,736.40	175.48	10.895		
11,800.00	7,102.29	11,905.65	7,259.63	88.91	90.63	-94.63	1,317.29	5,813.42	1,911.90	1,733.18	178.72	10.698		
11,900.00	7,101.94	12,005.65	7,259.80	90.54	92.24	-94.65	1,317.71	5,913.42	1,911.92	1,729.96	181.96	10.507		
12,000.00	7,101.59	12,105.65	7,259.96	92.18	93.86	-94.66	1,318.14	6,013.41	1,911.95	1,726.74	185.21	10.323		
12,100.00	7,101.24	12,205.65	7,260.13	93.81	95.48	-94.68	1,318.56	6,113.41	1,911.97	1,723.52	188.46	10.145		
12,200.00	7,100.89	12,305.65	7,260.29	95.45	97.10	-94.69	1,318.99	6,213.41	1,912.00	1,720.29	191.71	9.973		
12,300.00	7,100.54	12,405.64	7,260.46	97.09	98.72	-94.71	1,319.41	6,313.41	1,912.02	1,717.06	194.96	9.807		
12,400.00	7,100.19	12,505.64	7,260.62	98.73	100.34	-94.72	1,319.84	6,413.40	1,912.05	1,713.83	198.22	9.646		
12,500.00	7,099.84	12,605.64	7,260.79	100.37	101.96	-94.74	1,320.26	6,513.40	1,912.07	1,710.59	201.48	9.490		
12,600.00	7,099.49	12,705.64	7,260.95	102.01	103.59	-94.75	1,320.69	6,613.40	1,912.10	1,707.36	204.74	9.339		
12,700.00	7,099.15	12,805.64	7,261.12	103.65	105.21	-94.77	1,321.11	6,713.40	1,912.12	1,704.12	208.01	9.193		
12,800.00	7,098.80	12,905.64	7,261.28	105.29	106.84	-94.78	1,321.54	6,813.39	1,912.15	1,700.88	211.27	9.051		
12,900.00	7,098.45	13,005.64	7,261.45	106.94	108.47	-94.80	1,321.96	6,913.39	1,912.18	1,697.64	214.54	8.913		
13,000.00	7,098.10	13,105.63	7,261.61	108.58	110.10	-94.82	1,322.38	7,013.39	1,912.20	1,694.39	217.81	8.779		
13,100.00	7,097.75	13,205.63	7,261.78	110.23	111.73	-94.83	1,322.81	7,113.39	1,912.23	1,691.15	221.08	8.650		
13,200.00	7,097.40	13,305.63	7,261.94	111.88	113.37	-94.85	1,323.23	7,213.39	1,912.25	1,687.90	224.35	8.524		
13,300.00	7,097.05	13,405.63	7,262.11	113.53	115.00	-94.86	1,323.66	7,313.38	1,912.28	1,684.66	227.62	8.401		
13,400.00	7,096.70	13,505.63	7,262.27	115.17	116.64	-94.88	1,324.08	7,413.38	1,912.31	1,681.41	230.90	8.282		
13,500.00	7,096.35	13,605.63	7,262.44	116.82	118.27	-94.89	1,324.51	7,513.38	1,912.33	1,678.16	234.18	8.166		
13,600.00	7,096.00	13,705.63	7,262.60	118.47	119.91	-94.91	1,324.93	7,613.38	1,912.36	1,674.91	237.45	8.054		
13,700.00	7,095.65	13,805.63	7,262.77	120.12	121.55	-94.92	1,325.36	7,713.37	1,912.39	1,671.65	240.73	7.944		
13,800.00	7,095.31	13,905.62	7,262.93	121.77	123.19	-94.94	1,325.78	7,813.37	1,912.41	1,668.40	244.01	7.837		
13,900.00	7,094.96	14,005.62	7,263.10	123.42	124.83	-94.95	1,326.21	7,913.37	1,912.44	1,665.15	247.30	7.733		
14,000.00	7,094.61	14,105.62	7,263.26	125.08	126.47	-94.97	1,326.63	8,013.37	1,912.47	1,661.89	250.58	7.632		
14,100.00	7,094.26	14,205.62	7,263.43	126.73	128.11	-94.98	1,327.05	8,113.36	1,912.50	1,658.63	253.86	7.534		
14,200.00	7,093.91	14,305.62	7,263.59	128.38	129.75	-95.00	1,327.48	8,213.36	1,912.52	1,655.38	257.15	7.437		
14,300.00	7,093.56	14,405.62	7,263.76	130.04	131.40	-95.02	1,327.90	8,313.36	1,912.55	1,652.12	260.43	7.344		
14,400.00	7,093.21	14,505.62	7,263.92	131.69	133.04	-95.03	1,328.33	8,413.36	1,912.58	1,648.86	263.72	7.252		
14,500.00	7,092.86	14,605.62	7,264.09	133.34	134.69	-95.05	1,328.75	8,513.35	1,912.61	1,645.60	267.01	7.163		
14,600.00	7,092.51	14,705.61	7,264.25	135.00	136.33	-95.06	1,329.18	8,613.35	1,912.63	1,642.34	270.29	7.076		
14,700.00	7,092.16	14,805.61	7,264.42	136.66	137.98	-95.08	1,329.60	8,713.35	1,912.66	1,639.08	273.58	6.991		
14,800.00	7,091.81	14,905.61	7,264.58	138.31	139.63	-95.09	1,330.03	8,813.35	1,912.69	1,635.82	276.87	6.908		
14,900.00	7,091.46	15,005.61	7,264.75	139.97	141.27	-95.11	1,330.45	8,913.35	1,912.72	1,632.56	280.16	6.827		
15,000.00	7,091.12	15,105.61	7,264.91	141.62	142.92	-95.12	1,330.88	9,013.34	1,912.75	1,629.29	283.46	6.748		
15,100.00	7,090.77	15,205.61	7,265.08	143.28	144.57	-95.14	1,331.30	9,113.34	1,912.78	1,626.03	286.75	6.671		
15,200.00	7,090.42	15,305.61	7,265.24	144.94	146.22	-95.15	1,331.72	9,213.34	1,912.81	1,622.77	290.04	6.595		
15,300.00	7,090.07	15,405.60	7,265.41	146.60	147.87	-95.17	1,332.15	9,313.34	1,912.84	1,619.50	293.33	6.521		
15,400.00	7,089.72	15,505.60	7,265.57	148.25	149.52	-95.18	1,332.57	9,413.33	1,912.86	1,616.24	296.63	6.449		
15,500.00	7,089.37	15,605.60	7,265.74	149.91	151.17	-95.20	1,333.00	9,513.33	1,912.89	1,612.97	299.92	6.378		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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							
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
15,600.00	7,089.02	15,705.60	7,265.90	151.57	152.82	-95.22	1,333.42	9,613.33	1,912.92	1,609.71	303.22	6.309	
15,700.00	7,088.67	15,805.60	7,266.07	153.23	154.47	-95.23	1,333.85	9,713.33	1,912.95	1,606.44	306.51	6.241	
15,800.00	7,088.32	15,905.60	7,266.23	154.89	156.12	-95.25	1,334.27	9,813.32	1,912.98	1,603.17	309.81	6.175	
15,900.00	7,087.97	16,005.60	7,266.40	156.55	157.77	-95.26	1,334.70	9,913.32	1,913.01	1,599.91	313.10	6.110	
16,000.00	7,087.62	16,105.60	7,266.57	158.21	159.43	-95.28	1,335.12	10,013.32	1,913.04	1,596.64	316.40	6.046	
16,100.00	7,087.28	16,205.59	7,266.73	159.87	161.08	-95.29	1,335.55	10,113.32	1,913.07	1,593.37	319.70	5.984	
16,200.00	7,086.93	16,305.59	7,266.90	161.53	162.73	-95.31	1,335.97	10,213.31	1,913.10	1,590.11	323.00	5.923	
16,300.00	7,086.58	16,405.59	7,267.06	163.19	164.39	-95.32	1,336.39	10,313.31	1,913.13	1,586.84	326.29	5.863	
16,400.00	7,086.23	16,505.59	7,267.23	164.85	166.04	-95.34	1,336.82	10,413.31	1,913.16	1,583.57	329.59	5.805	
16,500.00	7,085.88	16,605.59	7,267.39	166.51	167.70	-95.35	1,337.24	10,513.31	1,913.19	1,580.30	332.89	5.747	
16,600.00	7,085.53	16,705.59	7,267.56	168.17	169.35	-95.37	1,337.67	10,613.31	1,913.23	1,577.03	336.19	5.691	
16,700.00	7,085.18	16,805.59	7,267.72	169.83	171.01	-95.38	1,338.09	10,713.30	1,913.26	1,573.77	339.49	5.636	
16,800.00	7,084.83	16,905.58	7,267.89	171.49	172.66	-95.40	1,338.52	10,813.30	1,913.29	1,570.50	342.79	5.582	
16,900.00	7,084.48	17,005.58	7,268.05	173.16	174.32	-95.42	1,338.94	10,913.30	1,913.32	1,567.23	346.09	5.528	
17,000.00	7,084.13	17,105.58	7,268.22	174.82	175.97	-95.43	1,339.37	11,013.30	1,913.35	1,563.96	349.39	5.476	
17,100.00	7,083.78	17,205.58	7,268.38	176.48	177.63	-95.45	1,339.79	11,113.29	1,913.38	1,560.69	352.69	5.425	
17,200.00	7,083.43	17,305.58	7,268.55	178.14	179.29	-95.46	1,340.22	11,213.29	1,913.41	1,557.42	355.99	5.375	
17,300.00	7,083.09	17,405.58	7,268.71	179.81	180.94	-95.48	1,340.64	11,313.29	1,913.45	1,554.15	359.29	5.326	
17,400.00	7,082.74	17,505.58	7,268.88	181.47	182.60	-95.49	1,341.06	11,413.29	1,913.48	1,550.88	362.60	5.277	
17,500.00	7,082.39	17,605.58	7,269.04	183.13	184.26	-95.51	1,341.49	11,513.28	1,913.51	1,547.61	365.90	5.230	
17,600.00	7,082.04	17,705.57	7,269.21	184.79	185.92	-95.52	1,341.91	11,613.28	1,913.54	1,544.34	369.20	5.183	
17,700.00	7,081.69	17,805.57	7,269.37	186.46	187.58	-95.54	1,342.34	11,713.28	1,913.57	1,541.07	372.50	5.137	
17,800.00	7,081.34	17,905.57	7,269.54	188.12	189.23	-95.55	1,342.76	11,813.28	1,913.61	1,537.80	375.80	5.092	
17,900.00	7,080.99	18,005.57	7,269.70	189.78	190.89	-95.57	1,343.19	11,913.27	1,913.64	1,534.53	379.11	5.048	
17,997.31	7,080.65	18,102.88	7,269.86	191.40	192.51	-95.58	1,343.60	12,010.59	1,913.67	1,531.35	382.32	5.005 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.53	1.82	-219.94	219.95				
100.00	100.00	103.00	103.00	3.28	3.28	-89.53	1.82	-219.94	219.95	212.42	7.53	29.213	
200.00	200.00	203.18	203.18	3.31	3.31	-89.52	1.82	-219.94	219.95	212.37	7.57	29.036	
228.36	228.36	233.25	233.25	3.31	3.32	150.68	1.95	-219.80	219.94	212.34	7.60	28.955 CC, ES	
300.00	299.98	309.19	309.16	3.35	3.36	151.22	3.20	-218.38	220.02	212.36	7.66	28.716	
400.00	399.84	414.90	414.70	3.41	3.43	152.96	7.16	-213.90	220.53	212.75	7.79	28.319	
500.00	499.45	520.04	519.37	3.50	3.54	155.79	13.64	-206.56	221.86	213.90	7.96	27.876	
600.00	598.70	624.32	622.77	3.61	3.67	159.61	22.59	-196.43	224.60	216.42	8.18	27.449	
700.00	697.47	727.50	724.52	3.77	3.83	164.29	33.88	-183.65	229.52	221.05	8.46	27.116	
800.00	795.83	829.45	824.40	3.96	4.04	169.58	47.41	-168.32	236.41	227.60	8.81	26.825	
900.00	894.18	930.24	922.35	4.19	4.29	175.23	63.10	-150.56	243.76	234.53	9.23	26.411	
1,000.00	992.53	1,029.63	1,018.08	4.44	4.59	-178.84	80.79	-130.53	252.19	242.47	9.72	25.937	
1,100.00	1,090.88	1,126.65	1,110.66	4.71	4.94	-172.82	99.99	-108.79	262.49	252.20	10.29	25.508	
1,200.00	1,189.23	1,222.09	1,201.57	5.00	5.31	-167.26	119.23	-87.00	275.48	264.57	10.91	25.255	
1,300.00	1,287.58	1,317.54	1,292.48	5.31	5.71	-162.22	138.47	-65.22	290.97	279.41	11.56	25.168	
1,400.00	1,385.94	1,412.98	1,383.40	5.62	6.13	-157.68	157.71	-43.43	308.57	296.33	12.24	25.207	
1,500.00	1,484.29	1,508.43	1,474.31	5.95	6.57	-153.62	176.95	-21.64	327.94	315.00	12.94	25.339	
1,600.00	1,582.64	1,603.87	1,565.22	6.29	7.01	-150.02	196.19	0.14	348.80	335.14	13.66	25.536	
1,700.00	1,680.99	1,700.68	1,656.13	6.63	7.48	-146.81	215.43	21.93	370.88	356.49	14.40	25.764	
1,800.00	1,779.34	1,805.23	1,747.04	6.98	7.98	-143.96	234.67	43.72	393.99	378.82	15.17	25.976	
1,900.00	1,877.69	1,909.79	1,837.96	7.18	8.25	-141.41	253.91	65.50	417.95	402.74	15.21	27.485	
2,000.00	1,976.04	1,985.66	1,928.87	7.22	8.31	-139.14	273.15	87.29	442.63	427.34	15.28	28.960	
2,100.00	2,074.39	2,081.10	2,019.78	7.28	8.40	-137.11	292.40	109.07	467.90	452.50	15.41	30.369	
2,200.00	2,172.74	2,176.55	2,110.69	7.35	8.51	-135.28	311.64	130.86	493.69	478.12	15.56	31.720	
2,300.00	2,271.09	2,271.99	2,201.60	7.45	8.65	-133.63	330.88	152.65	519.91	504.16	15.75	33.003	
2,400.00	2,369.44	2,367.44	2,292.51	7.55	8.80	-132.13	350.12	174.43	546.50	530.52	15.97	34.212	
2,500.00	2,467.79	2,462.88	2,383.43	7.68	8.96	-130.78	369.36	196.22	573.41	557.18	16.23	35.340	
2,600.00	2,566.15	2,558.33	2,474.34	7.81	9.15	-129.54	388.60	218.00	600.60	584.09	16.51	36.386	
2,700.00	2,664.50	2,653.77	2,565.25	7.96	9.35	-128.41	407.84	239.79	628.02	611.21	16.81	37.350	
2,800.00	2,762.85	2,749.22	2,656.16	8.12	9.56	-127.37	427.08	261.58	655.66	638.51	17.15	38.232	
2,900.00	2,861.20	2,844.66	2,747.07	8.30	9.79	-126.42	446.32	283.36	683.48	665.97	17.51	39.036	
3,000.00	2,959.55	2,940.11	2,837.99	8.48	10.03	-125.54	465.56	305.15	711.47	693.58	17.89	39.764	
3,100.00	3,057.90	3,035.55	2,928.90	8.68	10.28	-124.72	484.80	326.94	739.60	721.30	18.30	40.422	
3,200.00	3,156.25	3,131.00	3,019.81	8.89	10.54	-123.97	504.04	348.72	767.86	749.14	18.72	41.013	
3,300.00	3,254.60	3,226.45	3,110.72	9.10	10.82	-123.27	523.28	370.51	796.23	777.06	19.17	41.542	
3,400.00	3,352.95	3,321.89	3,201.63	9.32	11.10	-122.61	542.52	392.29	824.71	805.08	19.63	42.015	
3,500.00	3,451.30	3,417.34	3,292.55	9.56	11.39	-122.00	561.76	414.08	853.28	833.17	20.11	42.437	
3,600.00	3,549.65	3,512.78	3,383.46	9.79	11.69	-121.43	581.00	435.87	881.93	861.33	20.60	42.811	
3,700.00	3,648.00	3,608.23	3,474.37	10.04	12.00	-120.90	600.25	457.65	910.66	889.55	21.11	43.141	
3,800.00	3,746.36	3,703.67	3,565.28	10.29	12.31	-120.39	619.49	479.44	939.46	917.83	21.63	43.434	
3,900.00	3,844.71	3,800.88	3,656.19	10.55	12.64	-119.92	638.73	501.23	968.32	946.16	22.17	43.679	
4,000.00	3,943.06	3,894.56	3,747.10	10.81	12.96	-119.48	657.97	523.01	997.24	974.54	22.71	43.916	
4,100.00	4,041.41	4,009.99	3,838.02	11.08	13.36	-119.06	677.21	544.80	1,026.21	1,002.88	23.33	43.987	
4,200.00	4,139.76	4,085.45	3,928.93	11.35	13.63	-118.66	696.45	566.58	1,055.23	1,031.41	23.83	44.284	
4,300.00	4,238.11	4,180.90	4,019.84	11.63	13.97	-118.28	715.69	588.37	1,084.30	1,059.90	24.40	44.433	
4,400.00	4,336.46	4,276.34	4,110.75	11.91	14.31	-117.92	734.93	610.16	1,113.40	1,088.42	24.99	44.562	
4,500.00	4,434.81	4,371.79	4,201.66	12.20	14.66	-117.59	754.17	631.94	1,142.55	1,116.97	25.58	44.673	
4,600.00	4,533.16	4,467.23	4,292.58	12.48	15.02	-117.26	773.41	653.73	1,171.72	1,145.55	26.17	44.767	
4,700.00	4,631.51	4,562.68	4,383.49	12.78	15.37	-116.96	792.65	675.52	1,200.93	1,174.16	26.78	44.847	
4,800.00	4,729.86	4,658.12	4,474.40	13.07	15.73	-116.66	811.89	697.30	1,230.17	1,202.78	27.39	44.914	
4,900.00	4,828.21	4,753.57	4,565.31	13.37	16.10	-116.39	831.13	719.09	1,259.44	1,231.43	28.01	44.970	
5,000.00	4,926.57	4,849.02	4,656.22	13.67	16.46	-116.12	850.37	740.87	1,288.74	1,260.11	28.63	45.015	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,944.46	4,747.14	13.97	16.83	-115.87	869.61	762.66	1,318.05	1,288.80	29.26	45.051		
5,200.00	5,123.27	5,039.91	4,838.05	14.28	17.20	-115.62	888.85	784.45	1,347.39	1,317.51	29.89	45.079		
5,300.00	5,221.62	5,135.35	4,928.96	14.59	17.58	-115.39	908.10	806.23	1,376.76	1,346.23	30.53	45.099		
5,400.00	5,319.97	5,230.80	5,019.87	14.90	17.95	-115.17	927.34	828.02	1,406.14	1,374.97	31.17	45.114		
5,500.00	5,418.32	5,326.24	5,110.78	15.21	18.33	-114.95	946.58	849.81	1,435.54	1,403.73	31.81	45.122		
5,600.00	5,516.67	5,421.69	5,201.69	15.52	18.71	-114.75	965.82	871.59	1,464.96	1,432.49	32.46	45.125		
5,700.00	5,615.02	5,517.13	5,292.61	15.84	19.09	-114.55	985.06	893.38	1,494.39	1,461.28	33.12	45.124		
5,800.00	5,713.37	5,612.58	5,383.52	16.15	19.48	-114.36	1,004.30	915.16	1,523.84	1,490.07	33.77	45.119		
5,900.00	5,811.72	5,708.02	5,474.43	16.47	19.86	-114.18	1,023.54	936.95	1,553.31	1,518.88	34.43	45.110		
6,000.00	5,910.07	5,803.47	5,565.34	16.79	20.25	-114.00	1,042.78	958.74	1,582.79	1,547.69	35.10	45.098		
6,100.00	6,008.42	5,901.09	5,656.25	17.11	20.65	-113.83	1,062.02	980.52	1,612.28	1,576.51	35.77	45.072		
6,200.00	6,106.78	6,005.64	5,747.17	17.43	21.07	-113.67	1,081.26	1,002.31	1,641.79	1,605.31	36.48	45.011		
6,300.00	6,205.13	6,089.80	5,838.08	17.76	21.42	-113.51	1,100.50	1,024.09	1,671.30	1,634.20	37.10	45.045		
6,400.00	6,303.48	6,185.25	5,928.99	18.08	21.81	-113.36	1,119.74	1,045.88	1,700.83	1,663.05	37.78	45.024		
6,500.00	6,401.83	6,280.70	6,019.90	18.41	22.20	-113.21	1,138.98	1,067.67	1,730.37	1,691.92	38.45	45.000		
6,600.00	6,500.18	6,376.14	6,110.81	18.73	22.60	-113.07	1,158.22	1,089.45	1,759.92	1,720.79	39.13	44.975		
6,700.00	6,598.49	6,471.60	6,201.74	19.06	22.99	-108.84	1,177.47	1,111.24	1,789.45	1,749.64	39.81	44.947		
6,800.00	6,694.58	6,567.27	6,292.86	19.45	23.39	-95.04	1,196.75	1,133.08	1,817.52	1,776.96	40.56	44.813		
6,900.00	6,785.47	6,661.46	6,382.58	19.92	23.78	-88.88	1,215.74	1,154.58	1,843.00	1,801.60	41.41	44.511		
7,000.00	6,868.90	6,751.85	6,468.68	20.48	24.16	-85.56	1,233.96	1,175.21	1,865.78	1,823.44	42.34	44.062		
7,100.00	6,942.84	6,832.55	6,544.87	21.13	24.51	-83.56	1,250.10	1,196.23	1,886.17	1,842.81	43.36	43.502		
7,200.00	7,005.45	6,915.49	6,619.93	21.87	24.94	-82.37	1,266.05	1,227.52	1,904.36	1,859.80	44.56	42.736		
7,300.00	7,055.21	7,004.91	6,695.65	22.70	25.49	-81.82	1,282.21	1,272.12	1,920.08	1,874.08	46.01	41.736		
7,400.00	7,090.87	7,102.93	6,770.70	23.61	26.18	-81.87	1,298.32	1,332.92	1,933.03	1,885.31	47.72	40.507		
7,500.00	7,111.57	7,212.25	6,842.52	24.59	27.08	-82.47	1,313.84	1,413.69	1,942.86	1,893.11	49.74	39.059		
7,600.00	7,116.95	7,336.37	6,906.28	25.62	28.23	-83.69	1,327.79	1,519.03	1,949.18	1,897.10	52.08	37.428		
7,700.00	7,116.60	7,483.33	6,954.25	26.71	29.73	-85.14	1,338.59	1,657.18	1,953.14	1,898.33	54.81	35.633		
7,800.00	7,116.25	7,639.92	6,969.97	27.85	31.43	-85.62	1,342.69	1,812.53	1,954.45	1,896.69	57.75	33.842		
7,900.00	7,115.90	7,739.92	6,969.73	29.06	32.56	-85.62	1,343.15	1,912.53	1,954.45	1,894.28	60.17	32.483		
8,000.00	7,115.55	7,839.92	6,969.49	30.31	33.73	-85.63	1,343.61	2,012.53	1,954.46	1,891.79	62.67	31.187		
8,100.00	7,115.21	7,939.92	6,969.24	31.60	34.94	-85.63	1,344.07	2,112.52	1,954.47	1,889.23	65.24	29.956		
8,200.00	7,114.86	8,039.92	6,969.00	32.92	36.18	-85.63	1,344.53	2,212.52	1,954.48	1,886.59	67.89	28.790		
8,300.00	7,114.51	8,139.92	6,968.76	34.28	37.46	-85.64	1,344.98	2,312.52	1,954.49	1,883.90	70.59	27.689		
8,400.00	7,114.16	8,239.92	6,968.51	35.66	38.77	-85.64	1,345.44	2,412.52	1,954.50	1,881.15	73.34	26.649		
8,500.00	7,113.81	8,339.92	6,968.27	37.07	40.10	-85.64	1,345.90	2,512.52	1,954.51	1,878.36	76.15	25.668		
8,600.00	7,113.46	8,439.92	6,968.03	38.51	41.46	-85.64	1,346.36	2,612.52	1,954.51	1,875.53	78.99	24.744		
8,700.00	7,113.11	8,539.92	6,967.79	39.96	42.84	-85.65	1,346.82	2,712.52	1,954.52	1,872.65	81.87	23.873		
8,800.00	7,112.76	8,639.92	6,967.54	41.42	44.24	-85.65	1,347.28	2,812.51	1,954.53	1,869.75	84.79	23.052		
8,900.00	7,112.41	8,739.92	6,967.30	42.91	45.65	-85.65	1,347.74	2,912.51	1,954.54	1,866.81	87.73	22.278		
9,000.00	7,112.06	8,839.92	6,967.06	44.40	47.09	-85.66	1,348.19	3,012.51	1,954.55	1,863.84	90.71	21.548		
9,100.00	7,111.71	8,939.92	6,966.82	45.91	48.54	-85.66	1,348.65	3,112.51	1,954.56	1,860.85	93.70	20.859		
9,200.00	7,111.37	9,039.92	6,966.57	47.43	50.00	-85.66	1,349.11	3,212.51	1,954.57	1,857.84	96.72	20.208		
9,300.00	7,111.02	9,139.92	6,966.33	48.96	51.48	-85.67	1,349.57	3,312.51	1,954.58	1,854.81	99.77	19.592		
9,400.00	7,110.67	9,239.92	6,966.09	50.50	52.96	-85.67	1,350.03	3,412.51	1,954.58	1,851.76	102.83	19.009		
9,500.00	7,110.32	9,339.92	6,965.84	52.05	54.46	-85.67	1,350.49	3,512.50	1,954.59	1,848.69	105.90	18.457		
9,600.00	7,109.97	9,439.92	6,965.60	53.60	55.97	-85.68	1,350.95	3,612.50	1,954.60	1,845.61	108.99	17.933		
9,700.00	7,109.62	9,539.92	6,965.36	55.17	57.49	-85.68	1,351.40	3,712.50	1,954.61	1,842.51	112.10	17.436		
9,800.00	7,109.27	9,639.92	6,965.12	56.73	59.01	-85.68	1,351.86	3,812.50	1,954.62	1,839.40	115.22	16.964		
9,900.00	7,108.92	9,739.92	6,964.87	58.31	60.54	-85.69	1,352.32	3,912.50	1,954.63	1,836.27	118.35	16.515		
10,000.00	7,108.57	9,839.92	6,964.63	59.89	62.08	-85.69	1,352.78	4,012.50	1,954.64	1,833.14	121.50	16.088		
10,100.00	7,108.22	9,939.91	6,964.39	61.47	63.63	-85.69	1,353.24	4,112.50	1,954.64	1,830.00	124.65	15.681		
10,200.00	7,107.87	10,039.91	6,964.14	63.06	65.18	-85.69	1,353.70	4,212.49	1,954.65	1,826.84	127.81	15.293		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
10,300.00	7,107.52	10,139.91	6,963.90	64.66	66.74	-85.70	1,354.16	4,312.49	1,954.66	1,823.68	130.98	14.923	
10,400.00	7,107.18	10,239.91	6,963.66	66.25	68.30	-85.70	1,354.61	4,412.49	1,954.67	1,820.51	134.16	14.569	
10,500.00	7,106.83	10,339.91	6,963.42	67.85	69.87	-85.70	1,355.07	4,512.49	1,954.68	1,817.33	137.35	14.231	
10,600.00	7,106.48	10,439.91	6,963.17	69.46	71.45	-85.71	1,355.53	4,612.49	1,954.69	1,814.14	140.55	13.908	
10,700.00	7,106.13	10,539.91	6,962.93	71.07	73.02	-85.71	1,355.99	4,712.49	1,954.70	1,810.95	143.75	13.598	
10,800.00	7,105.78	10,639.91	6,962.69	72.68	74.61	-85.71	1,356.45	4,812.49	1,954.71	1,807.75	146.95	13.301	
10,900.00	7,105.43	10,739.91	6,962.45	74.29	76.19	-85.72	1,356.91	4,912.48	1,954.71	1,804.55	150.17	13.017	
11,000.00	7,105.08	10,839.91	6,962.20	75.91	77.78	-85.72	1,357.37	5,012.48	1,954.72	1,801.34	153.39	12.744	
11,100.00	7,104.73	10,939.91	6,961.96	77.52	79.37	-85.72	1,357.82	5,112.48	1,954.73	1,798.12	156.61	12.482	
11,200.00	7,104.38	11,039.91	6,961.72	79.14	80.97	-85.73	1,358.28	5,212.48	1,954.74	1,794.90	159.84	12.229	
11,300.00	7,104.03	11,139.91	6,961.47	80.77	82.57	-85.73	1,358.74	5,312.48	1,954.75	1,791.68	163.07	11.987	
11,400.00	7,103.68	11,239.91	6,961.23	82.39	84.17	-85.73	1,359.20	5,412.48	1,954.76	1,788.45	166.31	11.754	
11,500.00	7,103.34	11,339.91	6,960.99	84.02	85.77	-85.74	1,359.66	5,512.48	1,954.77	1,785.22	169.55	11.529	
11,600.00	7,102.99	11,439.91	6,960.75	85.65	87.38	-85.74	1,360.12	5,612.48	1,954.78	1,781.98	172.80	11.313	
11,700.00	7,102.64	11,539.91	6,960.50	87.28	88.99	-85.74	1,360.58	5,712.47	1,954.79	1,778.74	176.05	11.104	
11,800.00	7,102.29	11,639.91	6,960.26	88.91	90.60	-85.75	1,361.03	5,812.47	1,954.79	1,775.50	179.30	10.903	
11,900.00	7,101.94	11,739.91	6,960.02	90.54	92.22	-85.75	1,361.49	5,912.47	1,954.80	1,772.25	182.55	10.708	
12,000.00	7,101.59	11,839.91	6,959.77	92.18	93.83	-85.75	1,361.95	6,012.47	1,954.81	1,769.00	185.81	10.520	
12,100.00	7,101.24	11,939.91	6,959.53	93.81	95.45	-85.75	1,362.41	6,112.47	1,954.82	1,765.75	189.07	10.339	
12,200.00	7,100.89	12,039.91	6,959.29	95.45	97.07	-85.76	1,362.87	6,212.47	1,954.83	1,762.49	192.34	10.164	
12,300.00	7,100.54	12,139.91	6,959.05	97.09	98.69	-85.76	1,363.33	6,312.47	1,954.84	1,759.23	195.60	9.994	
12,400.00	7,100.19	12,239.91	6,958.80	98.73	100.31	-85.76	1,363.79	6,412.46	1,954.85	1,755.97	198.87	9.830	
12,500.00	7,099.84	12,339.91	6,958.56	100.37	101.94	-85.77	1,364.24	6,512.46	1,954.86	1,752.71	202.14	9.671	
12,600.00	7,099.49	12,439.91	6,958.32	102.01	103.56	-85.77	1,364.70	6,612.46	1,954.87	1,749.45	205.42	9.517	
12,700.00	7,099.15	12,539.91	6,958.08	103.65	105.19	-85.77	1,365.16	6,712.46	1,954.87	1,746.18	208.69	9.367	
12,800.00	7,098.80	12,639.91	6,957.83	105.29	106.82	-85.78	1,365.62	6,812.46	1,954.88	1,742.91	211.97	9.222	
12,900.00	7,098.45	12,739.91	6,957.59	106.94	108.45	-85.78	1,366.08	6,912.46	1,954.89	1,739.64	215.25	9.082	
13,000.00	7,098.10	12,839.91	6,957.35	108.58	110.08	-85.78	1,366.54	7,012.46	1,954.90	1,736.37	218.53	8.946	
13,100.00	7,097.75	12,939.91	6,957.10	110.23	111.71	-85.79	1,366.99	7,112.45	1,954.91	1,733.09	221.82	8.813	
13,200.00	7,097.40	13,039.91	6,956.86	111.88	113.35	-85.79	1,367.45	7,212.45	1,954.92	1,729.82	225.10	8.685	
13,300.00	7,097.05	13,139.91	6,956.62	113.53	114.98	-85.79	1,367.91	7,312.45	1,954.93	1,726.54	228.39	8.560	
13,400.00	7,096.70	13,239.91	6,956.38	115.17	116.62	-85.80	1,368.37	7,412.45	1,954.94	1,723.26	231.68	8.438	
13,500.00	7,096.35	13,339.91	6,956.13	116.82	118.26	-85.80	1,368.83	7,512.45	1,954.95	1,719.98	234.97	8.320	
13,600.00	7,096.00	13,439.91	6,955.89	118.47	119.89	-85.80	1,369.29	7,612.45	1,954.95	1,716.70	238.26	8.205	
13,700.00	7,095.65	13,539.91	6,955.65	120.12	121.53	-85.81	1,369.75	7,712.45	1,954.96	1,713.41	241.55	8.093	
13,800.00	7,095.31	13,639.91	6,955.41	121.77	123.17	-85.81	1,370.20	7,812.44	1,954.97	1,710.13	244.85	7.985	
13,900.00	7,094.96	13,739.91	6,955.16	123.42	124.81	-85.81	1,370.66	7,912.44	1,954.98	1,706.84	248.14	7.879	
14,000.00	7,094.61	13,839.91	6,954.92	125.08	126.45	-85.81	1,371.12	8,012.44	1,954.99	1,703.55	251.44	7.775	
14,100.00	7,094.26	13,939.91	6,954.68	126.73	128.10	-85.82	1,371.58	8,112.44	1,955.00	1,700.26	254.73	7.675	
14,200.00	7,093.91	14,039.91	6,954.43	128.38	129.74	-85.82	1,372.04	8,212.44	1,955.01	1,696.97	258.03	7.577	
14,300.00	7,093.56	14,139.91	6,954.19	130.04	131.38	-85.82	1,372.50	8,312.44	1,955.02	1,693.68	261.33	7.481	
14,400.00	7,093.21	14,239.91	6,953.95	131.69	133.03	-85.83	1,372.96	8,412.44	1,955.03	1,690.39	264.63	7.388	
14,500.00	7,092.86	14,339.91	6,953.71	133.34	134.67	-85.83	1,373.41	8,512.43	1,955.03	1,687.10	267.94	7.297	
14,600.00	7,092.51	14,439.91	6,953.46	135.00	136.32	-85.83	1,373.87	8,612.43	1,955.04	1,683.80	271.24	7.208	
14,700.00	7,092.16	14,539.91	6,953.22	136.66	137.97	-85.84	1,374.33	8,712.43	1,955.05	1,680.51	274.54	7.121	
14,800.00	7,091.81	14,639.91	6,952.98	138.31	139.61	-85.84	1,374.79	8,812.43	1,955.06	1,677.21	277.85	7.036	
14,900.00	7,091.46	14,739.91	6,952.73	139.97	141.26	-85.84	1,375.25	8,912.43	1,955.07	1,673.92	281.15	6.954	
15,000.00	7,091.12	14,839.91	6,952.49	141.62	142.91	-85.85	1,375.71	9,012.43	1,955.08	1,670.62	284.46	6.873	
15,100.00	7,090.77	14,939.91	6,952.25	143.28	144.56	-85.85	1,376.17	9,112.43	1,955.09	1,667.32	287.77	6.794	
15,200.00	7,090.42	15,039.91	6,952.01	144.94	146.21	-85.85	1,376.62	9,212.42	1,955.10	1,664.02	291.08	6.717	
15,300.00	7,090.07	15,139.91	6,951.76	146.60	147.86	-85.86	1,377.08	9,312.42	1,955.11	1,660.72	294.38	6.641	
15,400.00	7,089.72	15,239.91	6,951.52	148.25	149.51	-85.86	1,377.54	9,412.42	1,955.12	1,657.42	297.69	6.568	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 25N-3A-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	
15,500.00	7,089.37	15,339.91	6,951.28	149.91	151.16	-85.86	1,378.00	9,512.42	1,955.12	1,654.12	301.00	6.495	
15,600.00	7,089.02	15,439.91	6,951.04	151.57	152.81	-85.86	1,378.46	9,612.42	1,955.13	1,650.82	304.31	6.425	
15,700.00	7,088.67	15,539.91	6,950.79	153.23	154.46	-85.87	1,378.92	9,712.42	1,955.14	1,647.52	307.63	6.356	
15,800.00	7,088.32	15,639.91	6,950.55	154.89	156.11	-85.87	1,379.38	9,812.42	1,955.15	1,644.21	310.94	6.288	
15,900.00	7,087.97	15,739.91	6,950.31	156.55	157.76	-85.87	1,379.83	9,912.41	1,955.16	1,640.91	314.25	6.222	
16,000.00	7,087.62	15,839.91	6,950.06	158.21	159.42	-85.88	1,380.29	10,012.41	1,955.17	1,637.61	317.56	6.157	
16,100.00	7,087.28	15,939.91	6,949.82	159.87	161.07	-85.88	1,380.75	10,112.41	1,955.18	1,634.30	320.88	6.093	
16,200.00	7,086.93	16,039.91	6,949.58	161.53	162.72	-85.88	1,381.21	10,212.41	1,955.19	1,630.99	324.19	6.031	
16,300.00	7,086.58	16,139.91	6,949.34	163.19	164.38	-85.89	1,381.67	10,312.41	1,955.20	1,627.69	327.51	5.970	
16,400.00	7,086.23	16,239.91	6,949.09	164.85	166.03	-85.89	1,382.13	10,412.41	1,955.21	1,624.38	330.82	5.910	
16,500.00	7,085.88	16,339.91	6,948.85	166.51	167.69	-85.89	1,382.59	10,512.41	1,955.22	1,621.08	334.14	5.851	
16,600.00	7,085.53	16,439.91	6,948.61	168.17	169.34	-85.90	1,383.04	10,612.41	1,955.22	1,617.77	337.46	5.794	
16,700.00	7,085.18	16,539.91	6,948.37	169.83	171.00	-85.90	1,383.50	10,712.40	1,955.23	1,614.46	340.77	5.738	
16,800.00	7,084.83	16,639.91	6,948.12	171.49	172.65	-85.90	1,383.96	10,812.40	1,955.24	1,611.15	344.09	5.682	
16,900.00	7,084.48	16,739.91	6,947.88	173.16	174.31	-85.91	1,384.42	10,912.40	1,955.25	1,607.84	347.41	5.628	
17,000.00	7,084.13	16,839.91	6,947.64	174.82	175.97	-85.91	1,384.88	11,012.40	1,955.26	1,604.53	350.73	5.575	
17,100.00	7,083.78	16,939.91	6,947.39	176.48	177.62	-85.91	1,385.34	11,112.40	1,955.27	1,601.22	354.05	5.523	
17,200.00	7,083.43	17,039.91	6,947.15	178.14	179.28	-85.92	1,385.80	11,212.40	1,955.28	1,597.91	357.37	5.471	
17,300.00	7,083.09	17,139.91	6,946.91	179.81	180.94	-85.92	1,386.25	11,312.40	1,955.29	1,594.60	360.69	5.421	
17,400.00	7,082.74	17,239.91	6,946.67	181.47	182.60	-85.92	1,386.71	11,412.39	1,955.30	1,591.29	364.01	5.372	
17,500.00	7,082.39	17,339.91	6,946.42	183.13	184.25	-85.92	1,387.17	11,512.39	1,955.31	1,587.98	367.33	5.323	
17,600.00	7,082.04	17,439.91	6,946.18	184.79	185.91	-85.93	1,387.63	11,612.39	1,955.32	1,584.67	370.65	5.275	
17,700.00	7,081.69	17,539.91	6,945.94	186.46	187.57	-85.93	1,388.09	11,712.39	1,955.33	1,581.35	373.97	5.229	
17,800.00	7,081.34	17,639.91	6,945.69	188.12	189.23	-85.93	1,388.55	11,812.39	1,955.33	1,578.04	377.29	5.183	
17,900.00	7,080.99	17,739.91	6,945.45	189.78	190.89	-85.94	1,389.01	11,912.39	1,955.34	1,574.73	380.62	5.137	
17,997.31	7,080.65	17,837.22	6,945.22	191.40	192.50	-85.94	1,389.45	12,009.70	1,955.35	1,571.50	383.85	5.094 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	-89.56	1.83	-239.99	240.00				
100.00	100.00	103.00	103.00	3.28	3.28	-89.56	1.83	-239.99	240.00	232.47	7.53	31.875	
200.00	200.00	203.00	203.00	3.31	3.31	-89.56	1.83	-239.99	240.00	232.42	7.57	31.683 CC, ES	
300.00	299.98	305.38	305.38	3.35	3.35	150.83	2.03	-239.79	241.33	233.67	7.66	31.496	
400.00	399.84	411.52	411.45	3.41	3.43	152.02	4.45	-237.31	243.65	235.86	7.79	31.280	
500.00	499.45	517.20	516.87	3.50	3.53	154.23	9.59	-232.06	246.71	238.75	7.96	30.991	
600.00	598.70	622.11	621.19	3.61	3.65	157.37	17.38	-224.11	251.00	242.83	8.18	30.686	
700.00	697.47	725.99	724.00	3.77	3.80	161.30	27.72	-213.55	257.18	248.73	8.45	30.426	
800.00	795.83	828.70	825.07	3.96	3.99	165.83	40.50	-200.49	264.94	256.16	8.78	30.168	
900.00	894.18	930.32	924.35	4.19	4.22	170.72	55.64	-185.04	272.72	263.55	9.17	29.740	
1,000.00	992.53	1,030.63	1,021.55	4.44	4.49	175.91	72.98	-167.33	281.08	271.45	9.63	29.200	
1,100.00	1,090.88	1,129.41	1,116.35	4.71	4.81	-178.67	92.38	-147.52	290.67	280.51	10.15	28.627	
1,200.00	1,189.23	1,226.06	1,208.16	5.00	5.17	-173.15	113.50	-125.95	302.16	291.41	10.75	28.110	
1,300.00	1,287.58	1,320.77	1,297.85	5.31	5.57	-167.99	134.80	-104.20	316.28	304.89	11.39	27.763	
1,400.00	1,385.94	1,415.47	1,387.53	5.62	5.98	-163.26	156.10	-82.45	332.91	320.84	12.07	27.586	
1,500.00	1,484.29	1,510.18	1,477.21	5.95	6.42	-158.98	177.40	-60.70	351.69	338.92	12.77	27.545	
1,600.00	1,582.64	1,604.89	1,566.90	6.29	6.87	-155.13	198.70	-38.95	372.29	358.80	13.49	27.605	
1,700.00	1,680.99	1,700.40	1,656.58	6.63	7.34	-151.67	220.00	-17.20	394.43	380.21	14.22	27.732	
1,800.00	1,779.34	1,794.31	1,746.26	6.98	7.82	-148.57	241.30	4.55	417.86	402.90	14.96	27.928	
1,900.00	1,877.69	1,889.02	1,835.94	7.18	8.10	-145.79	262.60	26.30	442.39	427.37	15.01	29.468	
2,000.00	1,976.04	1,983.73	1,925.63	7.22	8.20	-143.29	283.90	48.06	467.83	452.70	15.13	30.923	
2,100.00	2,074.39	2,078.44	2,015.31	7.28	8.30	-141.05	305.20	69.81	494.04	478.79	15.25	32.387	
2,200.00	2,172.74	2,173.15	2,104.99	7.35	8.42	-139.02	326.49	91.56	520.92	505.50	15.41	33.795	
2,300.00	2,271.09	2,267.86	2,194.68	7.45	8.56	-137.19	347.79	113.31	548.35	532.75	15.61	35.134	
2,400.00	2,369.44	2,362.57	2,284.36	7.55	8.71	-135.54	369.09	135.06	576.27	560.44	15.83	36.397	
2,500.00	2,467.79	2,457.28	2,374.04	7.68	8.89	-134.03	390.39	156.81	604.60	588.52	16.09	37.577	
2,600.00	2,566.15	2,551.99	2,463.73	7.81	9.08	-132.65	411.69	178.56	633.30	616.92	16.38	38.672	
2,700.00	2,664.50	2,646.70	2,553.41	7.96	9.29	-131.40	432.99	200.31	662.30	645.61	16.69	39.681	
2,800.00	2,762.85	2,741.41	2,643.09	8.12	9.52	-130.24	454.29	222.06	691.58	674.55	17.03	40.604	
2,900.00	2,861.20	2,836.12	2,732.78	8.30	9.76	-129.18	475.59	243.82	721.10	703.70	17.40	41.446	
3,000.00	2,959.55	2,930.83	2,822.46	8.48	10.01	-128.20	496.89	265.57	750.82	733.04	17.79	42.208	
3,100.00	3,057.90	3,025.54	2,912.14	8.68	10.27	-127.30	518.19	287.32	780.74	762.54	18.20	42.897	
3,200.00	3,156.25	3,120.25	3,001.83	8.89	10.55	-126.46	539.49	309.07	810.82	792.19	18.63	43.516	
3,300.00	3,254.60	3,214.96	3,091.51	9.10	10.84	-125.68	560.79	330.82	841.06	821.97	19.08	44.070	
3,400.00	3,352.95	3,309.66	3,181.19	9.32	11.13	-124.96	582.09	352.57	871.42	851.87	19.55	44.567	
3,500.00	3,451.30	3,404.37	3,270.88	9.56	11.44	-124.28	603.39	374.32	901.91	881.87	20.04	45.006	
3,600.00	3,549.65	3,500.92	3,360.56	9.79	11.76	-123.64	624.69	396.07	932.50	911.95	20.55	45.385	
3,700.00	3,648.00	3,593.79	3,450.24	10.04	12.07	-123.05	645.99	417.83	963.19	942.13	21.06	45.744	
3,800.00	3,746.36	3,688.50	3,539.93	10.29	12.40	-122.49	667.29	439.58	993.97	972.38	21.58	46.049	
3,900.00	3,844.71	3,783.21	3,629.61	10.55	12.73	-121.97	688.59	461.33	1,024.83	1,002.70	22.13	46.319	
4,000.00	3,943.06	3,877.92	3,719.29	10.81	13.07	-121.48	709.89	483.08	1,055.76	1,033.09	22.68	46.556	
4,100.00	4,041.41	3,972.63	3,808.98	11.08	13.42	-121.01	731.19	504.83	1,086.76	1,063.52	23.24	46.763	
4,200.00	4,139.76	4,067.34	3,898.66	11.35	13.77	-120.57	752.49	526.58	1,117.83	1,094.02	23.81	46.944	
4,300.00	4,238.11	4,162.05	3,988.34	11.63	14.12	-120.15	773.79	548.33	1,148.95	1,124.55	24.39	47.101	
4,400.00	4,336.46	4,256.76	4,078.03	11.91	14.48	-119.76	795.09	570.08	1,180.12	1,155.14	24.98	47.238	
4,500.00	4,434.81	4,351.47	4,167.71	12.20	14.84	-119.38	816.39	591.83	1,211.34	1,185.76	25.58	47.356	
4,600.00	4,533.16	4,446.18	4,257.39	12.48	15.21	-119.03	837.69	613.59	1,242.60	1,216.42	26.18	47.456	
4,700.00	4,631.51	4,540.89	4,347.08	12.78	15.58	-118.69	858.99	635.34	1,273.91	1,247.11	26.80	47.542	
4,800.00	4,729.86	4,635.60	4,436.76	13.07	15.96	-118.37	880.29	657.09	1,305.25	1,277.84	27.41	47.614	
4,900.00	4,828.21	4,730.31	4,526.44	13.37	16.33	-118.06	901.59	678.84	1,336.63	1,308.60	28.04	47.675	
5,000.00	4,926.57	4,825.02	4,616.13	13.67	16.71	-117.77	922.89	700.59	1,368.05	1,339.38	28.67	47.725	
5,100.00	5,024.92	4,919.73	4,705.81	13.97	17.09	-117.49	944.19	722.34	1,399.49	1,370.19	29.30	47.765	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
5,200.00	5,123.27	5,014.44	4,795.49	14.28	17.48	-117.22	965.49	744.09	1,430.97	1,401.03	29.94	47.796		
5,300.00	5,221.62	5,109.14	4,885.18	14.59	17.87	-116.96	986.79	765.84	1,462.47	1,431.88	30.58	47.821		
5,400.00	5,319.97	5,203.85	4,974.86	14.90	18.25	-116.72	1,008.09	787.59	1,493.99	1,462.76	31.23	47.838		
5,500.00	5,418.32	5,301.44	5,064.54	15.21	18.66	-116.48	1,029.39	809.35	1,525.54	1,493.65	31.89	47.832		
5,600.00	5,516.67	5,406.73	5,154.23	15.52	19.09	-116.26	1,050.69	831.10	1,557.11	1,524.52	32.59	47.778		
5,700.00	5,615.02	5,487.98	5,243.91	15.84	19.43	-116.04	1,071.99	852.85	1,588.70	1,555.51	33.20	47.856		
5,800.00	5,713.37	5,582.69	5,333.59	16.15	19.83	-115.83	1,093.29	874.60	1,620.32	1,586.46	33.86	47.853		
5,900.00	5,811.72	5,677.40	5,423.28	16.47	20.23	-115.63	1,114.59	896.35	1,651.95	1,617.42	34.53	47.846		
6,000.00	5,910.07	5,772.11	5,512.96	16.79	20.63	-115.44	1,135.89	918.10	1,683.60	1,648.40	35.20	47.836		
6,100.00	6,008.42	5,866.82	5,602.64	17.11	21.03	-115.25	1,157.19	939.85	1,715.26	1,679.40	35.87	47.823		
6,200.00	6,106.78	5,961.53	5,692.33	17.43	21.43	-115.07	1,178.49	961.60	1,746.94	1,710.40	36.54	47.807		
6,300.00	6,205.13	6,056.24	5,782.01	17.76	21.83	-114.90	1,199.79	983.36	1,778.64	1,741.42	37.22	47.789		
6,400.00	6,303.48	6,150.95	5,871.69	18.08	22.24	-114.73	1,221.09	1,005.11	1,810.35	1,772.45	37.90	47.769		
6,500.00	6,401.83	6,245.66	5,961.38	18.41	22.64	-114.57	1,242.39	1,026.86	1,842.07	1,803.49	38.58	47.747		
6,600.00	6,500.18	6,340.37	6,051.06	18.73	23.05	-114.42	1,263.69	1,048.61	1,873.81	1,834.54	39.26	47.723		
6,700.00	6,598.49	6,435.09	6,140.76	19.06	23.46	-110.14	1,284.99	1,070.36	1,905.53	1,865.58	39.95	47.696		
6,800.00	6,694.58	6,530.06	6,230.68	19.45	23.87	-96.05	1,306.35	1,092.17	1,936.02	1,895.31	40.70	47.565		
6,900.00	6,785.47	6,623.61	6,319.27	19.92	24.27	-89.57	1,327.39	1,113.66	1,964.18	1,922.62	41.55	47.267		
7,000.00	6,868.90	6,713.43	6,404.33	20.48	24.66	-85.89	1,347.59	1,134.29	1,989.79	1,947.29	42.50	46.822		
7,100.00	6,942.84	6,797.33	6,483.77	21.13	25.02	-83.68	1,366.46	1,153.56	2,012.98	1,969.46	43.52	46.254		
7,200.00	7,005.45	6,873.23	6,555.64	21.87	25.35	-82.31	1,383.53	1,170.99	2,034.11	1,989.50	44.61	45.597		
7,300.00	7,055.21	6,939.26	6,618.17	22.70	25.64	-81.40	1,398.38	1,186.15	2,053.72	2,007.97	45.75	44.888		
7,400.00	7,090.87	6,993.80	6,669.81	23.61	25.88	-80.69	1,410.64	1,198.68	2,072.40	2,025.48	46.92	44.170		
7,500.00	7,111.57	7,051.50	6,724.25	24.59	26.13	-80.35	1,423.58	1,212.74	2,090.58	2,042.40	48.18	43.387		
7,600.00	7,116.95	7,141.43	6,806.25	25.62	26.59	-81.27	1,443.11	1,243.87	2,108.04	2,058.27	49.77	42.358		
7,700.00	7,116.60	7,700.00	6,926.04	26.71	30.40	-84.65	1,471.80	1,317.77	2,126.01	2,071.10	54.91	38.721		
7,800.00	7,116.25	7,786.46	7,164.61	27.85	32.08	-91.21	1,530.38	1,739.47	2,138.48	2,080.57	57.90	36.932		
7,900.00	7,115.90	7,958.58	7,169.87	29.06	33.94	-91.37	1,532.54	1,911.34	2,138.75	2,077.76	60.99	35.070		
8,000.00	7,115.55	8,058.58	7,169.73	30.31	35.07	-91.37	1,533.03	2,011.34	2,138.81	2,075.35	63.45	33.707		
8,100.00	7,115.21	8,158.58	7,169.58	31.60	36.24	-91.38	1,533.52	2,111.33	2,138.86	2,072.86	66.00	32.408		
8,200.00	7,114.86	8,258.58	7,169.44	32.92	37.45	-91.38	1,534.02	2,211.33	2,138.92	2,070.31	68.61	31.174		
8,300.00	7,114.51	8,358.58	7,169.29	34.28	38.69	-91.39	1,534.51	2,311.33	2,138.98	2,067.69	71.29	30.005		
8,400.00	7,114.16	8,458.58	7,169.14	35.66	39.97	-91.39	1,535.01	2,411.33	2,139.03	2,065.02	74.02	28.899		
8,500.00	7,113.81	8,558.58	7,169.00	37.07	41.27	-91.40	1,535.50	2,511.33	2,139.09	2,062.30	76.80	27.854		
8,600.00	7,113.46	8,658.57	7,168.85	38.51	42.59	-91.40	1,535.99	2,611.33	2,139.15	2,059.53	79.62	26.868		
8,700.00	7,113.11	8,758.57	7,168.71	39.96	43.94	-91.41	1,536.49	2,711.33	2,139.21	2,056.73	82.48	25.937		
8,800.00	7,112.76	8,858.57	7,168.56	41.42	45.32	-91.41	1,536.98	2,811.32	2,139.26	2,053.89	85.37	25.058		
8,900.00	7,112.41	8,958.57	7,168.42	42.91	46.71	-91.42	1,537.48	2,911.32	2,139.32	2,051.02	88.30	24.228		
9,000.00	7,112.06	9,058.57	7,168.27	44.40	48.11	-91.42	1,537.97	3,011.32	2,139.38	2,048.12	91.26	23.444		
9,100.00	7,111.71	9,158.57	7,168.12	45.91	49.54	-91.43	1,538.46	3,111.32	2,139.44	2,045.20	94.24	22.702		
9,200.00	7,111.37	9,258.57	7,167.98	47.43	50.98	-91.44	1,538.96	3,211.32	2,139.49	2,042.25	97.24	22.001		
9,300.00	7,111.02	9,358.57	7,167.83	48.96	52.43	-91.44	1,539.45	3,311.32	2,139.55	2,039.28	100.27	21.338		
9,400.00	7,110.67	9,458.57	7,167.69	50.50	53.90	-91.45	1,539.95	3,411.31	2,139.61	2,036.29	103.32	20.709		
9,500.00	7,110.32	9,558.57	7,167.54	52.05	55.37	-91.45	1,540.44	3,511.31	2,139.66	2,033.28	106.38	20.113		
9,600.00	7,109.97	9,658.57	7,167.40	53.60	56.86	-91.46	1,540.93	3,611.31	2,139.72	2,030.26	109.46	19.548		
9,700.00	7,109.62	9,758.57	7,167.25	55.17	58.36	-91.46	1,541.43	3,711.31	2,139.78	2,027.22	112.56	19.011		
9,800.00	7,109.27	9,858.57	7,167.10	56.73	59.87	-91.47	1,541.92	3,811.31	2,139.84	2,024.17	115.66	18.500		
9,900.00	7,108.92	9,958.57	7,166.96	58.31	61.38	-91.47	1,542.42	3,911.31	2,139.89	2,021.11	118.79	18.015		
10,000.00	7,108.57	10,058.57	7,166.81	59.89	62.90	-91.48	1,542.91	4,011.31	2,139.95	2,018.03	121.92	17.552		
10,100.00	7,108.22	10,158.57	7,166.67	61.47	64.43	-91.48	1,543.40	4,111.30	2,140.01	2,014.94	125.06	17.111		
10,200.00	7,107.87	10,258.57	7,166.52	63.06	65.97	-91.49	1,543.90	4,211.30	2,140.07	2,011.85	128.22	16.691		
10,300.00	7,107.52	10,358.57	7,166.38	64.66	67.51	-91.50	1,544.39	4,311.30	2,140.12	2,008.74	131.38	16.289		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
10,400.00	7,107.18	10,458.57	7,166.23	66.25	69.06	-91.50	1,544.88	4,411.30	2,140.18	2,005.63	134.55	15.906		
10,500.00	7,106.83	10,558.57	7,166.08	67.85	70.62	-91.51	1,545.38	4,511.30	2,140.24	2,002.50	137.73	15.539		
10,600.00	7,106.48	10,658.57	7,165.94	69.46	72.18	-91.51	1,545.87	4,611.30	2,140.30	1,999.37	140.92	15.188		
10,700.00	7,106.13	10,758.57	7,165.79	71.07	73.74	-91.52	1,546.37	4,711.29	2,140.35	1,996.24	144.12	14.851		
10,800.00	7,105.78	10,858.57	7,165.65	72.68	75.31	-91.52	1,546.86	4,811.29	2,140.41	1,993.09	147.32	14.529		
10,900.00	7,105.43	10,958.57	7,165.50	74.29	76.89	-91.53	1,547.35	4,911.29	2,140.47	1,989.94	150.53	14.220		
11,000.00	7,105.08	11,058.57	7,165.36	75.91	78.47	-91.53	1,547.85	5,011.29	2,140.53	1,986.79	153.74	13.923		
11,100.00	7,104.73	11,158.57	7,165.21	77.52	80.05	-91.54	1,548.34	5,111.29	2,140.58	1,983.63	156.96	13.638		
11,200.00	7,104.38	11,258.57	7,165.06	79.14	81.63	-91.54	1,548.84	5,211.29	2,140.64	1,980.46	160.18	13.364		
11,300.00	7,104.03	11,358.57	7,164.92	80.77	83.22	-91.55	1,549.33	5,311.29	2,140.70	1,977.29	163.41	13.100		
11,400.00	7,103.68	11,458.57	7,164.77	82.39	84.81	-91.55	1,549.82	5,411.28	2,140.76	1,974.11	166.64	12.846		
11,500.00	7,103.34	11,558.57	7,164.63	84.02	86.41	-91.56	1,550.32	5,511.28	2,140.81	1,970.94	169.88	12.602		
11,600.00	7,102.99	11,658.57	7,164.48	85.65	88.01	-91.57	1,550.81	5,611.28	2,140.87	1,967.75	173.12	12.366		
11,700.00	7,102.64	11,758.57	7,164.34	87.28	89.61	-91.57	1,551.31	5,711.28	2,140.93	1,964.56	176.37	12.139		
11,800.00	7,102.29	11,858.57	7,164.19	88.91	91.21	-91.58	1,551.80	5,811.28	2,140.99	1,961.37	179.61	11.920		
11,900.00	7,101.94	11,958.57	7,164.04	90.54	92.82	-91.58	1,552.29	5,911.28	2,141.05	1,958.18	182.87	11.708		
12,000.00	7,101.59	12,058.57	7,163.90	92.18	94.42	-91.59	1,552.79	6,011.27	2,141.10	1,954.98	186.12	11.504		
12,100.00	7,101.24	12,158.57	7,163.75	93.81	96.03	-91.59	1,553.28	6,111.27	2,141.16	1,951.78	189.38	11.306		
12,200.00	7,100.89	12,258.57	7,163.61	95.45	97.65	-91.60	1,553.78	6,211.27	2,141.22	1,948.58	192.64	11.115		
12,300.00	7,100.54	12,358.57	7,163.46	97.09	99.26	-91.60	1,554.27	6,311.27	2,141.28	1,945.37	195.90	10.930		
12,400.00	7,100.19	12,458.57	7,163.31	98.73	100.87	-91.61	1,554.76	6,411.27	2,141.33	1,942.17	199.17	10.751		
12,500.00	7,099.84	12,558.57	7,163.17	100.37	102.49	-91.61	1,555.26	6,511.27	2,141.39	1,938.96	202.44	10.578		
12,600.00	7,099.49	12,658.57	7,163.02	102.01	104.11	-91.62	1,555.75	6,611.27	2,141.45	1,935.74	205.71	10.410		
12,700.00	7,099.15	12,758.57	7,162.88	103.65	105.73	-91.62	1,556.25	6,711.26	2,141.51	1,932.53	208.98	10.247		
12,800.00	7,098.80	12,858.57	7,162.73	105.29	107.36	-91.63	1,556.74	6,811.26	2,141.57	1,929.31	212.26	10.090		
12,900.00	7,098.45	12,958.57	7,162.59	106.94	108.98	-91.64	1,557.23	6,911.26	2,141.62	1,926.09	215.53	9.936		
13,000.00	7,098.10	13,058.57	7,162.44	108.58	110.61	-91.64	1,557.73	7,011.26	2,141.68	1,922.87	218.81	9.788		
13,100.00	7,097.75	13,158.57	7,162.29	110.23	112.23	-91.65	1,558.22	7,111.26	2,141.74	1,919.65	222.09	9.643		
13,200.00	7,097.40	13,258.56	7,162.15	111.88	113.86	-91.65	1,558.72	7,211.26	2,141.80	1,916.42	225.38	9.503		
13,300.00	7,097.05	13,358.56	7,162.00	113.53	115.49	-91.66	1,559.21	7,311.25	2,141.86	1,913.19	228.66	9.367		
13,400.00	7,096.70	13,458.56	7,161.86	115.17	117.12	-91.66	1,559.70	7,411.25	2,141.91	1,909.97	231.95	9.234		
13,500.00	7,096.35	13,558.56	7,161.71	116.82	118.75	-91.67	1,560.20	7,511.25	2,141.97	1,906.74	235.24	9.106		
13,600.00	7,096.00	13,658.56	7,161.57	118.47	120.39	-91.67	1,560.69	7,611.25	2,142.03	1,903.51	238.52	8.980		
13,700.00	7,095.65	13,758.56	7,161.42	120.12	122.02	-91.68	1,561.19	7,711.25	2,142.09	1,900.27	241.82	8.858		
13,800.00	7,095.31	13,858.56	7,161.27	121.77	123.65	-91.68	1,561.68	7,811.25	2,142.15	1,897.04	245.11	8.740		
13,900.00	7,094.96	13,958.56	7,161.13	123.42	125.29	-91.69	1,562.17	7,911.24	2,142.21	1,893.80	248.40	8.624		
14,000.00	7,094.61	14,058.56	7,160.98	125.08	126.93	-91.70	1,562.67	8,011.24	2,142.26	1,890.57	251.70	8.511		
14,100.00	7,094.26	14,158.56	7,160.84	126.73	128.56	-91.70	1,563.16	8,111.24	2,142.32	1,887.33	254.99	8.402		
14,200.00	7,093.91	14,258.56	7,160.69	128.38	130.20	-91.71	1,563.66	8,211.24	2,142.38	1,884.09	258.29	8.295		
14,300.00	7,093.56	14,358.56	7,160.55	130.04	131.84	-91.71	1,564.15	8,311.24	2,142.44	1,880.85	261.59	8.190		
14,400.00	7,093.21	14,458.56	7,160.40	131.69	133.48	-91.72	1,564.64	8,411.24	2,142.50	1,877.61	264.89	8.088		
14,500.00	7,092.86	14,558.56	7,160.25	133.34	135.12	-91.72	1,565.14	8,511.24	2,142.55	1,874.37	268.19	7.989		
14,600.00	7,092.51	14,658.56	7,160.11	135.00	136.77	-91.73	1,565.63	8,611.23	2,142.61	1,871.13	271.49	7.892		
14,700.00	7,092.16	14,758.56	7,159.96	136.66	138.41	-91.73	1,566.13	8,711.23	2,142.67	1,867.88	274.79	7.798		
14,800.00	7,091.81	14,858.56	7,159.82	138.31	140.05	-91.74	1,566.62	8,811.23	2,142.73	1,864.64	278.09	7.705		
14,900.00	7,091.46	14,958.56	7,159.67	139.97	141.70	-91.74	1,567.11	8,911.23	2,142.79	1,861.39	281.40	7.615		
15,000.00	7,091.12	15,058.56	7,159.53	141.62	143.34	-91.75	1,567.61	9,011.23	2,142.85	1,858.15	284.70	7.527		
15,100.00	7,090.77	15,158.56	7,159.38	143.28	144.99	-91.75	1,568.10	9,111.23	2,142.90	1,854.90	288.01	7.440		
15,200.00	7,090.42	15,258.56	7,159.23	144.94	146.63	-91.76	1,568.60	9,211.22	2,142.96	1,851.65	291.31	7.356		
15,300.00	7,090.07	15,358.56	7,159.09	146.60	148.28	-91.77	1,569.09	9,311.22	2,143.02	1,848.40	294.62	7.274		
15,400.00	7,089.72	15,458.56	7,158.94	148.25	149.93	-91.77	1,569.58	9,411.22	2,143.08	1,845.15	297.93	7.193		
15,500.00	7,089.37	15,558.56	7,158.80	149.91	151.57	-91.78	1,570.08	9,511.22	2,143.14	1,841.90	301.24	7.114		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 25N-3C-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	
15,600.00	7,089.02	15,658.56	7,158.65	151.57	153.22	-91.78	1,570.57	9,611.22	2,143.20	1,838.65	304.55	7.037	
15,700.00	7,088.67	15,758.56	7,158.51	153.23	154.87	-91.79	1,571.07	9,711.22	2,143.26	1,835.40	307.86	6.962	
15,800.00	7,088.32	15,858.56	7,158.36	154.89	156.52	-91.79	1,571.56	9,811.22	2,143.31	1,832.15	311.17	6.888	
15,900.00	7,087.97	15,958.56	7,158.21	156.55	158.17	-91.80	1,572.05	9,911.21	2,143.37	1,828.89	314.48	6.816	
16,000.00	7,087.62	16,058.56	7,158.07	158.21	159.82	-91.80	1,572.55	10,011.21	2,143.43	1,825.64	317.79	6.745	
16,100.00	7,087.28	16,158.56	7,157.92	159.87	161.47	-91.81	1,573.04	10,111.21	2,143.49	1,822.39	321.10	6.675	
16,200.00	7,086.93	16,258.56	7,157.78	161.53	163.12	-91.81	1,573.54	10,211.21	2,143.55	1,819.13	324.42	6.607	
16,300.00	7,086.58	16,358.56	7,157.63	163.19	164.77	-91.82	1,574.03	10,311.21	2,143.61	1,815.88	327.73	6.541	
16,400.00	7,086.23	16,458.56	7,157.49	164.85	166.42	-91.82	1,574.52	10,411.21	2,143.67	1,812.62	331.04	6.475	
16,500.00	7,085.88	16,558.56	7,157.34	166.51	168.08	-91.83	1,575.02	10,511.20	2,143.72	1,809.37	334.36	6.411	
16,600.00	7,085.53	16,658.56	7,157.19	168.17	169.73	-91.84	1,575.51	10,611.20	2,143.78	1,806.11	337.67	6.349	
16,700.00	7,085.18	16,758.56	7,157.05	169.83	171.38	-91.84	1,576.01	10,711.20	2,143.84	1,802.85	340.99	6.287	
16,800.00	7,084.83	16,858.56	7,156.90	171.49	173.03	-91.85	1,576.50	10,811.20	2,143.90	1,799.60	344.31	6.227	
16,900.00	7,084.48	16,958.56	7,156.76	173.16	174.69	-91.85	1,576.99	10,911.20	2,143.96	1,796.34	347.62	6.168	
17,000.00	7,084.13	17,058.56	7,156.61	174.82	176.34	-91.86	1,577.49	11,011.20	2,144.02	1,793.08	350.94	6.109	
17,100.00	7,083.78	17,158.56	7,156.46	176.48	178.00	-91.86	1,577.98	11,111.20	2,144.08	1,789.82	354.26	6.052	
17,200.00	7,083.43	17,258.56	7,156.32	178.14	179.65	-91.87	1,578.48	11,211.19	2,144.14	1,786.56	357.57	5.996	
17,300.00	7,083.09	17,358.56	7,156.17	179.81	181.31	-91.87	1,578.97	11,311.19	2,144.19	1,783.30	360.89	5.941	
17,400.00	7,082.74	17,458.56	7,156.03	181.47	182.96	-91.88	1,579.46	11,411.19	2,144.25	1,780.04	364.21	5.887	
17,500.00	7,082.39	17,558.56	7,155.88	183.13	184.62	-91.88	1,579.96	11,511.19	2,144.31	1,776.78	367.53	5.834	
17,600.00	7,082.04	17,658.56	7,155.74	184.79	186.27	-91.89	1,580.45	11,611.19	2,144.37	1,773.52	370.85	5.782	
17,700.00	7,081.69	17,758.56	7,155.59	186.46	187.93	-91.89	1,580.95	11,711.19	2,144.43	1,770.26	374.17	5.731	
17,800.00	7,081.34	17,858.55	7,155.44	188.12	189.59	-91.90	1,581.44	11,811.18	2,144.49	1,767.00	377.49	5.681	
17,900.00	7,080.99	17,958.55	7,155.30	189.78	191.24	-91.91	1,581.93	11,911.18	2,144.55	1,763.74	380.81	5.632	
17,997.31	7,080.65	18,055.87	7,155.16	191.40	192.86	-91.91	1,582.41	12,008.50	2,144.60	1,760.56	384.04	5.584 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.20	-3.98	1,159.58	1,159.58				
100.00	100.00	102.00	102.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58	1,152.05	7.53	154.014	
200.00	200.00	202.00	202.00	3.31	3.31	90.20	-3.98	1,159.58	1,159.58	1,152.01	7.57	153.089	
300.00	299.98	301.98	301.98	3.35	3.35	-29.71	-3.98	1,159.58	1,158.07	1,150.40	7.66	151.159	
400.00	399.84	380.33	380.32	3.41	3.40	-29.89	-3.14	1,160.32	1,154.47	1,146.70	7.77	148.566	
500.00	499.45	458.86	458.78	3.50	3.47	-30.23	-0.69	1,162.50	1,149.70	1,141.79	7.91	145.262	
600.00	598.70	536.99	536.72	3.61	3.55	-30.73	3.34	1,166.09	1,143.83	1,135.73	8.09	141.317	
700.00	697.47	614.55	613.92	3.77	3.64	-31.39	8.91	1,171.04	1,136.93	1,128.62	8.31	136.792	
800.00	795.83	691.53	690.32	3.96	3.74	-32.12	15.98	1,177.33	1,130.05	1,121.48	8.57	131.915	
900.00	894.18	768.10	766.02	4.19	3.86	-32.92	24.53	1,184.93	1,125.27	1,116.42	8.86	127.058	
1,000.00	992.53	844.15	840.88	4.44	4.00	-33.78	34.52	1,193.82	1,122.75	1,113.57	9.18	122.292	
1,057.88	1,049.46	887.89	883.77	4.60	4.09	-34.30	40.94	1,199.52	1,122.35	1,112.97	9.38	119.617 CC, ES	
1,100.00	1,090.88	919.58	914.77	4.71	4.16	-34.70	45.89	1,203.93	1,122.56	1,113.03	9.54	117.706	
1,200.00	1,189.23	994.31	987.53	5.00	4.34	-35.68	58.58	1,215.21	1,124.81	1,114.88	9.92	113.354	
1,300.00	1,287.58	1,086.07	1,076.50	5.31	4.60	-36.93	75.36	1,230.14	1,128.96	1,118.56	10.40	108.594	
1,400.00	1,385.94	1,182.32	1,169.82	5.62	4.89	-38.23	92.99	1,245.82	1,133.78	1,122.86	10.92	103.857	
1,500.00	1,484.29	1,278.58	1,263.14	5.95	5.20	-39.53	110.63	1,261.50	1,139.22	1,127.76	11.46	99.376	
1,600.00	1,582.64	1,374.83	1,356.46	6.29	5.54	-40.81	128.26	1,277.18	1,145.28	1,133.25	12.03	95.173	
1,700.00	1,680.99	1,471.09	1,449.78	6.63	5.88	-42.07	145.89	1,292.86	1,151.95	1,139.33	12.62	91.293	
1,800.00	1,779.34	1,567.35	1,543.10	6.98	6.24	-43.33	163.52	1,308.54	1,159.22	1,145.99	13.22	87.661	
1,900.00	1,877.69	1,663.60	1,636.42	7.18	6.61	-44.56	181.16	1,324.22	1,167.06	1,153.58	13.48	86.585	
2,000.00	1,976.04	1,759.86	1,729.73	7.22	6.99	-45.79	198.79	1,339.90	1,175.48	1,161.67	13.81	85.104	
2,100.00	2,074.39	1,856.12	1,823.05	7.28	7.28	-46.99	216.42	1,355.58	1,184.46	1,170.56	13.91	85.157	
2,200.00	2,172.74	1,952.37	1,916.37	7.35	7.41	-48.18	234.05	1,371.26	1,193.99	1,179.93	14.06	84.903	
2,300.00	2,271.09	2,048.63	2,009.69	7.45	7.47	-49.35	251.68	1,386.94	1,204.06	1,189.88	14.18	84.903	
2,400.00	2,369.44	2,144.89	2,103.01	7.55	7.56	-50.50	269.32	1,402.62	1,214.64	1,200.31	14.33	84.745	
2,500.00	2,467.79	2,241.14	2,196.33	7.68	7.66	-51.63	286.95	1,418.30	1,225.74	1,211.22	14.52	84.441	
2,600.00	2,566.15	2,337.40	2,289.65	7.81	7.77	-52.74	304.58	1,433.98	1,237.32	1,222.59	14.73	84.002	
2,700.00	2,664.50	2,433.66	2,382.97	7.96	7.91	-53.84	322.21	1,449.67	1,249.39	1,234.42	14.97	83.446	
2,800.00	2,762.85	2,529.91	2,476.29	8.12	8.05	-54.91	339.85	1,465.35	1,261.93	1,246.69	15.24	82.786	
2,900.00	2,861.20	2,626.17	2,569.61	8.30	8.22	-55.96	357.48	1,481.03	1,274.92	1,259.38	15.54	82.038	
3,000.00	2,959.55	2,722.42	2,662.93	8.48	8.39	-56.99	375.11	1,496.71	1,288.35	1,272.48	15.86	81.218	
3,100.00	3,057.90	2,818.68	2,756.25	8.68	8.58	-58.00	392.74	1,512.39	1,302.20	1,285.99	16.21	80.340	
3,200.00	3,156.25	2,914.94	2,849.57	8.89	8.78	-58.99	410.37	1,528.07	1,316.46	1,299.89	16.58	79.418	
3,300.00	3,254.60	3,011.19	2,942.89	9.10	8.99	-59.97	428.01	1,543.75	1,331.13	1,314.17	16.96	78.463	
3,400.00	3,352.95	3,107.45	3,036.21	9.32	9.21	-60.92	445.64	1,559.43	1,346.18	1,328.81	17.37	77.488	
3,500.00	3,451.30	3,203.71	3,129.53	9.56	9.44	-61.85	463.27	1,575.11	1,361.61	1,343.81	17.80	76.502	
3,600.00	3,549.65	3,300.04	3,222.85	9.79	9.68	-62.76	480.90	1,590.79	1,377.39	1,359.15	18.24	75.512	
3,700.00	3,648.00	3,403.78	3,316.17	10.04	9.95	-63.65	498.54	1,606.47	1,393.53	1,374.81	18.72	74.458	
3,800.00	3,746.36	3,507.52	3,409.49	10.29	10.23	-64.52	516.17	1,622.15	1,410.00	1,390.79	19.21	73.414	
3,900.00	3,844.71	3,588.73	3,502.80	10.55	10.45	-65.37	533.80	1,637.83	1,426.79	1,407.13	19.66	72.585	
4,000.00	3,943.06	3,684.99	3,596.12	10.81	10.72	-66.20	551.43	1,653.51	1,443.90	1,423.74	20.15	71.641	
4,100.00	4,041.41	3,781.25	3,689.44	11.08	10.99	-67.01	569.06	1,669.19	1,461.31	1,440.65	20.66	70.717	
4,200.00	4,139.76	3,877.50	3,782.76	11.35	11.27	-67.81	586.70	1,684.88	1,479.01	1,457.83	21.18	69.816	
4,300.00	4,238.11	3,973.76	3,876.08	11.63	11.56	-68.59	604.33	1,700.56	1,497.00	1,475.28	21.71	68.941	
4,400.00	4,336.46	4,070.02	3,969.40	11.91	11.85	-69.34	621.96	1,716.24	1,515.25	1,493.00	22.25	68.091	
4,500.00	4,434.81	4,166.27	4,062.72	12.20	12.14	-70.09	639.59	1,731.92	1,533.77	1,510.97	22.80	67.268	
4,600.00	4,533.16	4,262.53	4,156.04	12.48	12.44	-70.81	657.22	1,747.60	1,552.54	1,529.18	23.36	66.472	
4,700.00	4,631.51	4,358.78	4,249.36	12.78	12.74	-71.52	674.86	1,763.28	1,571.55	1,547.63	23.92	65.702	
4,800.00	4,729.86	4,455.04	4,342.68	13.07	13.05	-72.21	692.49	1,778.96	1,590.80	1,566.31	24.49	64.960	
4,900.00	4,828.21	4,551.30	4,436.00	13.37	13.36	-72.88	710.12	1,794.64	1,610.28	1,585.21	25.07	64.244	
5,000.00	4,926.57	4,647.55	4,529.32	13.67	13.67	-73.54	727.75	1,810.32	1,629.97	1,604.32	25.65	63.554	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,743.81	4,622.64	13.97	13.99	-74.19	745.39	1,826.00	1,649.87	1,623.64	26.23	62.889	
5,200.00	5,123.27	4,840.07	4,715.96	14.28	14.30	-74.82	763.02	1,841.68	1,669.98	1,643.15	26.83	62.249	
5,300.00	5,221.62	4,936.32	4,809.28	14.59	14.63	-75.43	780.65	1,857.36	1,690.28	1,662.85	27.43	61.633	
5,400.00	5,319.97	5,032.58	4,902.60	14.90	14.95	-76.03	798.28	1,873.04	1,710.77	1,682.74	28.03	61.039	
5,500.00	5,418.32	5,128.84	4,995.92	15.21	15.27	-76.62	815.91	1,888.72	1,731.44	1,702.80	28.63	60.469	
5,600.00	5,516.67	5,225.09	5,089.24	15.52	15.60	-77.19	833.55	1,904.40	1,752.28	1,723.04	29.24	59.919	
5,700.00	5,615.02	5,321.35	5,182.56	15.84	15.93	-77.75	851.18	1,920.08	1,773.30	1,743.44	29.86	59.391	
5,800.00	5,713.37	5,417.61	5,275.87	16.15	16.26	-78.30	868.81	1,935.77	1,794.48	1,764.00	30.48	58.882	
5,900.00	5,811.72	5,513.86	5,369.19	16.47	16.59	-78.84	886.44	1,951.45	1,815.82	1,784.72	31.10	58.392	
6,000.00	5,910.07	5,610.12	5,462.51	16.79	16.93	-79.36	904.08	1,967.13	1,837.30	1,805.58	31.72	57.920	
6,100.00	6,008.42	5,706.37	5,555.83	17.11	17.27	-79.87	921.71	1,982.81	1,858.94	1,826.59	32.35	57.466	
6,200.00	6,106.78	5,802.63	5,649.15	17.43	17.60	-80.37	939.34	1,998.49	1,880.72	1,847.74	32.98	57.029	
6,300.00	6,205.13	5,898.89	5,742.47	17.76	17.94	-80.86	956.97	2,014.17	1,902.63	1,869.02	33.61	56.608	
6,400.00	6,303.48	6,004.86	5,835.79	18.08	18.32	-81.34	974.60	2,029.85	1,924.68	1,890.40	34.28	56.151	
6,500.00	6,401.83	6,108.60	5,929.11	18.41	18.69	-81.80	992.24	2,045.53	1,946.85	1,911.91	34.94	55.722	
6,600.00	6,500.18	6,216.45	6,049.82	18.73	19.07	-82.25	1,009.87	2,061.41	1,963.33	1,928.80	35.61	55.300	
6,700.00	6,598.49	6,322.63	6,151.20	19.06	19.44	-82.69	1,027.50	2,077.29	1,979.81	1,946.22	36.29	54.887	
6,800.00	6,696.80	6,419.87	6,252.20	19.39	19.81	-83.12	1,045.13	2,093.17	1,997.33	1,963.76	36.97	54.482	
6,900.00	6,795.11	6,523.56	6,365.16	19.72	20.18	-83.55	1,062.76	2,109.05	2,014.81	1,980.20	37.66	54.086	
7,000.00	6,893.42	6,627.25	6,471.80	20.05	20.55	-83.98	1,080.39	2,124.93	2,030.69	1,995.68	38.35	53.699	
7,100.00	6,942.84	6,721.64	6,571.21	21.13	23.14	-99.35	1,245.50	1,170.08	1,858.58	1,815.59	42.99	43.232	
7,200.00	7,005.45	6,804.70	6,622.83	21.87	22.51	-97.27	1,245.12	1,249.01	1,855.61	1,812.17	43.44	42.718	
7,300.00	7,055.21	6,861.15	6,722.62	22.70	21.90	-95.52	1,244.70	1,336.54	1,854.51	1,810.57	43.93	42.214	
7,400.00	7,090.87	6,867.16	6,724.55	23.61	21.38	-94.23	1,244.25	1,430.51	1,854.25	1,809.74	44.52	41.654	
7,500.00	7,111.57	6,869.57	6,720.74	24.59	21.11	-93.04	1,242.07	1,597.83	1,853.54	1,808.46	45.08	41.121	
7,600.00	7,116.95	6,868.98	6,712.13	25.62	21.37	-90.10	1,220.76	1,867.29	1,844.07	1,798.26	45.81	40.252	
7,700.00	7,116.60	6,868.98	6,702.13	25.62	21.37	-90.10	1,220.76	1,867.29	1,844.07	1,798.26	45.81	40.252	
7,700.00	7,116.60	6,868.98	6,702.13	25.62	21.37	-90.10	1,220.76	1,867.29	1,844.07	1,798.26	45.81	40.252	
7,800.00	7,116.25	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
7,800.00	7,116.25	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
7,900.00	7,115.90	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
7,900.00	7,115.90	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
7,900.00	7,115.90	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,000.00	7,115.55	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39.054	
8,100.00	7,115.21	6,868.98	6,699.80	26.71	21.47	-86.26	1,196.46	2,004.16	1,828.76	1,781.94	46.83	39	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.18	-3.62	1,139.53	1,139.54				
100.00	100.00	101.00	101.00	3.28	3.28	90.18	-3.62	1,139.53	1,139.54	1,132.01	7.53	151.354	
200.00	200.00	201.00	201.00	3.31	3.31	90.18	-3.62	1,139.53	1,139.54	1,131.96	7.57	150.449	
300.00	299.98	285.27	285.26	3.35	3.34	-29.74	-3.14	1,139.95	1,138.54	1,130.89	7.65	148.812	
400.00	399.84	364.43	364.37	3.41	3.39	-29.97	-1.06	1,141.76	1,136.30	1,128.54	7.76	146.500	
500.00	499.45	443.27	443.06	3.50	3.46	-30.36	2.64	1,145.00	1,132.89	1,124.99	7.90	143.461	
600.00	598.70	521.62	521.09	3.61	3.53	-30.92	7.94	1,149.62	1,128.39	1,120.32	8.07	139.753	
700.00	697.47	600.00	598.93	3.77	3.63	-31.64	14.85	1,155.65	1,122.91	1,114.62	8.29	135.421	
800.00	795.83	676.35	674.49	3.96	3.74	-32.44	23.11	1,162.86	1,117.51	1,108.96	8.55	130.727	
900.00	894.18	752.87	749.89	4.19	3.86	-33.30	32.92	1,171.42	1,114.26	1,105.42	8.84	126.015	
989.63	982.33	820.94	816.65	4.41	4.00	-34.13	42.91	1,180.14	1,113.31	1,104.18	9.14	121.864	CC
1,000.00	992.53	828.78	824.32	4.44	4.01	-34.23	44.14	1,181.22	1,113.32	1,104.15	9.17	121.388	ES
1,100.00	1,090.88	903.99	897.65	4.71	4.19	-35.21	56.72	1,192.20	1,114.79	1,105.26	9.53	116.938	
1,200.00	1,189.23	980.92	969.43	5.00	4.39	-36.25	70.52	1,204.25	1,118.75	1,108.81	9.93	112.641	
1,300.00	1,287.58	1,073.96	1,062.01	5.31	4.67	-37.62	89.33	1,220.66	1,124.35	1,113.92	10.43	107.826	
1,400.00	1,385.94	1,169.84	1,154.58	5.62	4.99	-38.97	108.13	1,237.08	1,130.64	1,119.68	10.96	103.161	
1,500.00	1,484.29	1,265.72	1,247.15	5.95	5.32	-40.31	126.94	1,253.49	1,137.60	1,126.09	11.52	98.761	
1,600.00	1,582.64	1,361.59	1,339.73	6.29	5.68	-41.64	145.74	1,269.90	1,145.23	1,133.13	12.10	94.656	
1,700.00	1,680.99	1,457.47	1,432.30	6.63	6.05	-42.94	164.55	1,286.32	1,153.51	1,140.81	12.69	90.864	
1,800.00	1,779.34	1,553.35	1,524.87	6.98	6.43	-44.23	183.35	1,302.73	1,162.42	1,149.11	13.31	87.343	
1,900.00	1,877.69	1,649.23	1,617.45	7.18	6.82	-45.51	202.16	1,319.15	1,171.96	1,158.38	13.57	86.353	
2,000.00	1,976.04	1,745.11	1,710.02	7.22	7.22	-46.76	220.96	1,335.56	1,182.10	1,168.18	13.91	84.965	
2,100.00	2,074.39	1,840.99	1,802.59	7.28	7.55	-47.99	239.77	1,351.98	1,192.83	1,178.79	14.04	84.975	
2,200.00	2,172.74	1,936.87	1,895.17	7.35	7.71	-49.20	258.57	1,368.39	1,204.13	1,189.92	14.21	84.722	
2,300.00	2,271.09	2,032.75	1,987.74	7.45	7.78	-50.39	277.38	1,384.80	1,215.99	1,201.67	14.33	84.878	
2,400.00	2,369.44	2,128.63	2,080.31	7.55	7.87	-51.55	296.18	1,401.22	1,228.40	1,213.93	14.47	84.874	
2,500.00	2,467.79	2,224.51	2,172.89	7.68	7.97	-52.70	314.98	1,417.63	1,241.33	1,226.68	14.65	84.721	
2,600.00	2,566.15	2,320.39	2,265.46	7.81	8.09	-53.82	333.79	1,434.05	1,254.78	1,239.92	14.86	84.429	
2,700.00	2,664.50	2,416.27	2,358.03	7.96	8.23	-54.92	352.59	1,450.46	1,268.71	1,253.61	15.10	84.012	
2,800.00	2,762.85	2,512.15	2,450.61	8.12	8.38	-56.00	371.40	1,466.88	1,283.13	1,267.76	15.37	83.485	
2,900.00	2,861.20	2,608.03	2,543.18	8.30	8.54	-57.05	390.20	1,483.29	1,298.00	1,282.34	15.66	82.864	
3,000.00	2,959.55	2,703.91	2,635.75	8.48	8.72	-58.08	409.01	1,499.71	1,313.33	1,297.34	15.98	82.164	
3,100.00	3,057.90	2,799.79	2,728.33	8.68	8.92	-59.09	427.81	1,516.12	1,329.08	1,312.75	16.33	81.394	
3,200.00	3,156.25	2,904.33	2,820.90	8.89	9.14	-60.07	446.62	1,532.53	1,345.25	1,328.54	16.71	80.497	
3,300.00	3,254.60	3,008.45	2,913.47	9.10	9.38	-61.04	465.42	1,548.95	1,361.82	1,344.70	17.12	79.560	
3,400.00	3,352.95	3,087.43	3,006.05	9.32	9.56	-61.98	484.23	1,565.36	1,378.77	1,361.28	17.49	78.822	
3,500.00	3,451.30	3,183.31	3,098.62	9.56	9.80	-62.90	503.03	1,581.78	1,396.10	1,378.18	17.92	77.915	
3,600.00	3,549.65	3,279.18	3,191.19	9.79	10.05	-63.79	521.84	1,598.19	1,413.79	1,395.43	18.36	76.998	
3,700.00	3,648.00	3,375.06	3,283.77	10.04	10.30	-64.67	540.64	1,614.61	1,431.82	1,413.00	18.82	76.079	
3,800.00	3,746.36	3,470.94	3,376.34	10.29	10.56	-65.53	559.44	1,631.02	1,450.18	1,430.89	19.29	75.164	
3,900.00	3,844.71	3,566.82	3,468.91	10.55	10.83	-66.36	578.25	1,647.43	1,468.87	1,449.09	19.78	74.257	
4,000.00	3,943.06	3,662.70	3,561.49	10.81	11.11	-67.17	597.05	1,663.85	1,487.86	1,467.58	20.28	73.364	
4,100.00	4,041.41	3,758.58	3,654.06	11.08	11.39	-67.97	615.86	1,680.26	1,507.15	1,486.36	20.79	72.487	
4,200.00	4,139.76	3,854.46	3,746.64	11.35	11.67	-68.75	634.66	1,696.68	1,526.72	1,505.41	21.31	71.628	
4,300.00	4,238.11	3,950.34	3,839.21	11.63	11.97	-69.50	653.47	1,713.09	1,546.57	1,524.72	21.85	70.791	
4,400.00	4,336.46	4,046.22	3,931.78	11.91	12.26	-70.24	672.27	1,729.51	1,566.68	1,544.29	22.39	69.976	
4,500.00	4,434.81	4,142.10	4,024.36	12.20	12.57	-70.96	691.08	1,745.92	1,587.05	1,564.11	22.94	69.184	
4,600.00	4,533.16	4,237.98	4,116.93	12.48	12.87	-71.66	709.88	1,762.34	1,607.66	1,584.16	23.50	68.416	
4,700.00	4,631.51	4,333.86	4,209.50	12.78	13.18	-72.35	728.69	1,778.75	1,628.50	1,604.43	24.06	67.673	
4,800.00	4,729.86	4,429.74	4,302.08	13.07	13.50	-73.02	747.49	1,795.16	1,649.57	1,624.93	24.64	66.953	
4,900.00	4,828.21	4,525.62	4,394.65	13.37	13.81	-73.67	766.30	1,811.58	1,670.86	1,645.64	25.22	66.258	
5,000.00	4,926.57	4,621.50	4,487.22	13.67	14.14	-74.30	785.10	1,827.99	1,692.35	1,666.55	25.80	65.587	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,717.38	4,579.80	13.97	14.46	-74.92	803.90	1,844.41	1,714.05	1,687.66	26.39	64.939	
5,200.00	5,123.27	4,813.26	4,672.37	14.28	14.79	-75.53	822.71	1,860.82	1,735.94	1,708.95	26.99	64.313	
5,300.00	5,221.62	4,909.14	4,764.94	14.59	15.12	-76.12	841.51	1,877.24	1,758.02	1,730.43	27.59	63.711	
5,400.00	5,319.97	5,005.02	4,857.52	14.90	15.45	-76.70	860.32	1,893.65	1,780.28	1,752.08	28.20	63.130	
5,500.00	5,418.32	5,100.90	4,950.09	15.21	15.78	-77.26	879.12	1,910.06	1,802.71	1,773.90	28.81	62.569	
5,600.00	5,516.67	5,203.23	5,042.66	15.52	16.14	-77.81	897.93	1,926.48	1,825.30	1,795.86	29.45	61.987	
5,700.00	5,615.02	5,307.35	5,135.24	15.84	16.51	-78.35	916.73	1,942.89	1,848.06	1,817.97	30.09	61.414	
5,800.00	5,713.37	5,388.53	5,227.81	16.15	16.80	-78.87	935.54	1,959.31	1,870.97	1,840.31	30.67	61.007	
5,900.00	5,811.72	5,484.41	5,320.38	16.47	17.14	-79.38	954.34	1,975.72	1,894.04	1,862.74	31.29	60.523	
6,000.00	5,910.07	5,580.29	5,412.96	16.79	17.48	-79.88	973.15	1,992.14	1,917.24	1,885.32	31.92	60.057	
6,100.00	6,008.42	5,676.17	5,505.53	17.11	17.83	-80.37	991.95	2,008.55	1,940.58	1,908.03	32.56	59.608	
6,200.00	6,106.78	5,772.05	5,598.10	17.43	18.18	-80.85	1,010.76	2,024.96	1,964.06	1,930.87	33.19	59.174	
6,300.00	6,205.13	5,867.93	5,691.05	17.76	18.51	-81.32	1,029.57	2,041.37	1,982.47	1,947.37	33.81	58.740	
6,400.00	6,303.48	5,963.81	5,783.90	18.08	18.84	-81.79	1,048.38	2,057.78	1,999.68	1,964.28	34.44	58.306	
6,500.00	6,401.83	6,059.69	5,876.79	18.41	19.17	-82.26	1,067.19	2,073.99	2,016.89	1,981.19	35.07	57.872	
6,600.00	6,500.18	6,155.57	5,969.68	18.73	19.50	-82.73	1,086.00	2,090.20	2,033.10	1,998.40	35.69	57.438	
6,700.00	6,598.49	6,251.45	6,062.57	19.06	19.83	-83.20	1,104.81	2,106.41	2,049.31	2,014.61	36.32	57.004	
6,800.00	6,696.84	6,347.33	6,155.46	19.39	20.16	-83.67	1,123.62	2,122.62	2,065.52	2,030.82	36.94	56.570	
6,883.38	6,770.82	6,416.85	6,244.34	19.84	20.49	-84.14	1,142.43	2,138.83	2,081.73	2,047.03	37.57	56.136	
6,900.00	6,785.47	6,408.73	6,245.80	19.92	23.96	-100.84	1,286.73	1,034.61	1,872.26	1,829.39	42.87	43.673	
7,000.00	6,868.90	7,952.13	6,947.31	20.48	23.45	-96.88	1,286.93	1,091.20	1,874.73	1,831.51	43.22	43.374	
7,100.00	6,942.84	7,883.35	6,949.14	21.13	22.84	-93.52	1,287.18	1,159.95	1,879.92	1,836.41	43.51	43.203	
7,200.00	7,005.45	7,804.08	6,951.25	21.87	22.20	-90.61	1,287.47	1,239.19	1,886.46	1,842.65	43.81	43.064	
7,300.00	7,055.21	7,716.28	6,953.59	22.70	21.58	-88.22	1,287.79	1,326.96	1,892.98	1,848.81	44.17	42.853	
7,400.00	7,090.87	7,622.10	6,956.10	23.61	21.08	-86.47	1,288.13	1,421.10	1,898.30	1,853.67	44.64	42.528	
7,500.00	7,111.57	7,508.96	6,957.77	24.59	20.89	-85.38	1,288.26	1,534.21	1,901.43	1,856.24	45.19	42.073	
7,600.00	7,116.95	7,360.71	6,935.38	25.62	21.00	-84.49	1,283.45	1,680.34	1,900.05	1,854.21	45.84	41.454	
7,700.00	7,116.60	7,228.57	6,888.01	26.71	21.15	-83.05	1,273.59	1,803.05	1,895.76	1,849.10	46.66	40.633	
7,800.00	7,116.25	7,119.54	6,830.90	27.85	21.25	-81.29	1,261.80	1,895.02	1,891.07	1,843.47	47.59	39.734	
7,900.00	7,115.90	7,032.83	6,775.01	29.06	21.31	-79.57	1,250.32	1,960.23	1,887.52	1,838.93	48.58	38.852	
7,989.28	7,115.59	6,971.14	6,730.22	30.17	21.33	-78.18	1,241.13	2,001.60	1,886.33	1,836.85	49.48	38.122	
8,000.00	7,115.55	6,964.58	6,725.23	30.31	21.33	-78.03	1,240.11	2,005.74	1,886.35	1,836.76	49.59	38.041	
8,100.00	7,115.21	6,910.61	6,682.66	31.60	21.33	-76.71	1,231.39	2,037.71	1,888.45	1,837.86	50.59	37.330	
8,200.00	7,114.86	6,867.45	6,646.80	32.92	21.32	-75.60	1,224.05	2,060.56	1,894.39	1,842.82	51.57	36.734	
8,300.00	7,114.51	6,832.45	6,616.65	34.28	21.31	-74.67	1,217.89	2,077.23	1,904.54	1,852.02	52.52	36.261	
8,400.00	7,114.16	6,800.00	6,587.94	35.66	21.29	-73.79	1,212.02	2,091.16	1,919.10	1,865.68	53.42	35.926	
8,500.00	7,113.81	6,779.62	6,569.57	37.07	21.27	-73.22	1,208.27	2,099.14	1,938.14	1,883.84	54.30	35.696	
8,600.00	7,113.46	6,759.34	6,551.04	38.51	21.26	-72.65	1,204.49	2,106.48	1,961.68	1,906.58	55.10	35.603 SF	
8,700.00	7,113.11	6,750.00	6,542.43	39.96	21.25	-72.39	1,202.73	2,109.65	1,989.67	1,933.79	55.88	35.606	
8,800.00	7,112.76	6,727.07	6,521.12	41.42	21.22	-71.74	1,198.38	2,116.90	2,021.90	1,965.39	56.51	35.782	
8,900.00	7,112.41	6,714.05	6,508.91	42.91	21.21	-71.36	1,195.89	2,120.66	2,058.31	2,001.20	57.11	36.042	
9,000.00	7,112.06	6,700.00	6,495.65	44.40	21.19	-70.96	1,193.18	2,124.44	2,098.71	2,041.08	57.63	36.419	
9,100.00	7,111.71	6,700.00	6,495.65	45.91	21.19	-70.96	1,193.18	2,124.44	2,142.90	2,084.74	58.16	36.846	
9,200.00	7,111.37	6,683.53	6,480.01	47.43	21.17	-70.48	1,189.99	2,128.49	2,190.60	2,132.08	58.51	37.437	
9,300.00	7,111.02	6,675.48	6,472.32	48.96	21.15	-70.25	1,188.43	2,130.31	2,241.69	2,182.83	58.86	38.084	
9,400.00	7,110.67	6,668.22	6,465.38	50.50	21.14	-70.04	1,187.01	2,131.87	2,295.93	2,236.77	59.15	38.812	
9,500.00	7,110.32	6,650.00	6,447.87	52.05	21.12	-69.51	1,183.44	2,135.44	2,353.19	2,293.87	59.32	39.669	
9,600.00	7,109.97	6,650.00	6,447.87	53.60	21.12	-69.51	1,183.44	2,135.44	2,413.04	2,353.48	59.56	40.514	
9,700.00	7,109.62	6,650.00	6,447.87	55.17	21.12	-69.51	1,183.44	2,135.44	2,475.48	2,415.72	59.76	41.424	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.19	-3.98	1,179.62	1,179.63				
100.00	100.00	102.00	102.00	3.28	3.28	90.19	-3.98	1,179.62	1,179.63	1,172.10	7.53	156.676	
200.00	200.00	202.00	202.00	3.31	3.31	90.19	-3.98	1,179.62	1,179.63	1,172.05	7.57	155.735	
300.00	299.98	281.71	281.70	3.35	3.34	-29.74	-3.05	1,180.33	1,178.99	1,171.34	7.65	154.142	
400.00	399.84	361.62	361.53	3.41	3.39	-29.99	-0.35	1,182.38	1,177.02	1,169.26	7.75	151.791	
500.00	499.45	441.15	440.86	3.50	3.46	-30.41	4.10	1,185.75	1,173.77	1,165.87	7.90	148.659	
600.00	598.70	520.10	519.43	3.61	3.54	-31.00	10.25	1,190.42	1,169.32	1,161.24	8.08	144.804	
700.00	697.47	600.00	598.70	3.77	3.63	-31.76	18.23	1,196.48	1,163.78	1,155.49	8.30	140.247	
800.00	795.83	675.73	673.55	3.96	3.74	-32.56	27.41	1,203.45	1,158.23	1,149.67	8.56	135.348	
900.00	894.18	752.55	749.13	4.19	3.87	-33.45	38.34	1,211.74	1,154.74	1,145.88	8.86	130.374	
1,000.00	992.53	828.67	823.64	4.44	4.03	-34.41	50.75	1,221.16	1,153.48	1,144.29	9.19	125.464	
1,004.63	997.08	832.18	827.06	4.45	4.04	-34.45	51.36	1,221.62	1,153.48	1,144.27	9.21	125.237 CC, ES	
1,100.00	1,090.88	904.00	896.94	4.71	4.21	-35.42	64.58	1,231.65	1,154.56	1,144.99	9.56	120.722	
1,200.00	1,189.23	980.00	970.40	5.00	4.42	-36.51	80.08	1,243.42	1,158.06	1,148.09	9.97	116.131	
1,300.00	1,287.58	1,073.35	1,060.31	5.31	4.71	-37.89	100.08	1,258.60	1,163.23	1,152.75	10.48	111.023	
1,400.00	1,385.94	1,168.70	1,152.14	5.62	5.03	-39.28	120.50	1,274.10	1,169.16	1,158.14	11.02	106.090	
1,500.00	1,484.29	1,264.05	1,243.98	5.95	5.38	-40.65	140.93	1,289.60	1,175.83	1,164.24	11.59	101.454	
1,600.00	1,582.64	1,359.40	1,335.82	6.29	5.74	-42.01	161.35	1,305.10	1,183.22	1,171.05	12.18	97.161	
1,700.00	1,680.99	1,454.75	1,427.66	6.63	6.12	-43.36	181.78	1,320.60	1,191.34	1,178.55	12.79	93.174	
1,800.00	1,779.34	1,550.09	1,519.49	6.98	6.50	-44.68	202.20	1,336.11	1,200.16	1,186.75	13.41	89.501	
1,900.00	1,877.69	1,645.44	1,611.33	7.18	6.90	-45.99	222.63	1,351.61	1,209.66	1,195.98	13.68	88.418	
2,000.00	1,976.04	1,740.79	1,703.17	7.22	7.31	-47.28	243.05	1,367.11	1,219.84	1,205.81	14.03	86.944	
2,100.00	2,074.39	1,836.14	1,795.00	7.28	7.65	-48.55	263.48	1,382.61	1,230.67	1,216.33	14.34	85.821	
2,200.00	2,172.74	1,931.49	1,886.84	7.35	7.83	-49.80	283.90	1,398.11	1,242.13	1,227.78	14.35	86.542	
2,300.00	2,271.09	2,026.84	1,978.68	7.45	7.90	-51.03	304.33	1,413.62	1,254.22	1,239.75	14.46	86.708	
2,400.00	2,369.44	2,122.19	2,070.52	7.55	7.99	-52.23	324.75	1,429.12	1,266.91	1,252.30	14.61	86.717	
2,500.00	2,467.79	2,217.54	2,162.35	7.68	8.09	-53.41	345.18	1,444.62	1,280.18	1,265.39	14.79	86.577	
2,600.00	2,566.15	2,312.89	2,254.19	7.81	8.21	-54.57	365.60	1,460.12	1,294.02	1,279.02	14.99	86.300	
2,700.00	2,664.50	2,408.24	2,346.03	7.96	8.35	-55.71	386.03	1,475.62	1,308.40	1,293.17	15.23	85.900	
2,800.00	2,762.85	2,503.59	2,437.87	8.12	8.50	-56.82	406.45	1,491.12	1,323.32	1,307.82	15.50	85.393	
2,900.00	2,861.20	2,598.94	2,529.70	8.30	8.67	-57.91	426.88	1,506.63	1,338.75	1,322.96	15.79	84.785	
3,000.00	2,959.55	2,705.71	2,621.54	8.48	8.88	-58.97	447.30	1,522.13	1,354.67	1,338.55	16.13	84.003	
3,100.00	3,057.90	2,789.64	2,713.38	8.68	9.05	-60.01	467.73	1,537.63	1,371.07	1,354.62	16.45	83.345	
3,200.00	3,156.25	2,884.99	2,805.22	8.89	9.26	-61.03	488.15	1,553.13	1,387.94	1,371.12	16.82	82.541	
3,300.00	3,254.60	2,980.34	2,897.05	9.10	9.47	-62.03	508.58	1,568.63	1,405.24	1,388.04	17.20	81.698	
3,400.00	3,352.95	3,075.69	2,988.89	9.32	9.70	-63.00	529.00	1,584.14	1,422.98	1,405.37	17.61	80.825	
3,500.00	3,451.30	3,171.04	3,080.73	9.56	9.94	-63.95	549.43	1,599.64	1,441.12	1,423.09	18.03	79.935	
3,600.00	3,549.65	3,266.39	3,172.57	9.79	10.19	-64.88	569.85	1,615.14	1,459.67	1,441.20	18.47	79.033	
3,700.00	3,648.00	3,361.74	3,264.40	10.04	10.45	-65.78	590.28	1,630.64	1,478.59	1,459.67	18.92	78.129	
3,800.00	3,746.36	3,457.09	3,356.24	10.29	10.71	-66.66	610.70	1,646.14	1,497.88	1,478.49	19.40	77.228	
3,900.00	3,844.71	3,552.44	3,448.08	10.55	10.98	-67.52	631.13	1,661.64	1,517.53	1,497.65	19.88	76.335	
4,000.00	3,943.06	3,647.79	3,539.92	10.81	11.26	-68.36	651.55	1,677.15	1,537.51	1,517.14	20.38	75.454	
4,100.00	4,041.41	3,743.14	3,631.75	11.08	11.54	-69.18	671.98	1,692.65	1,557.83	1,536.94	20.89	74.589	
4,200.00	4,139.76	3,838.49	3,723.59	11.35	11.83	-69.98	692.40	1,708.15	1,578.45	1,557.05	21.41	73.742	
4,300.00	4,238.11	3,933.84	3,815.43	11.63	12.13	-70.76	712.83	1,723.65	1,599.38	1,577.45	21.93	72.915	
4,400.00	4,336.46	4,029.19	3,907.26	11.91	12.43	-71.52	733.25	1,739.15	1,620.60	1,598.13	22.47	72.110	
4,500.00	4,434.81	4,124.54	3,999.10	12.20	12.73	-72.27	753.68	1,754.66	1,642.10	1,619.08	23.02	71.328	
4,600.00	4,533.16	4,219.89	4,090.94	12.48	13.04	-72.99	774.10	1,770.16	1,663.87	1,640.29	23.58	70.569	
4,700.00	4,631.51	4,315.24	4,182.78	12.78	13.35	-73.70	794.53	1,785.66	1,685.89	1,661.75	24.14	69.834	
4,800.00	4,729.86	4,410.59	4,274.61	13.07	13.67	-74.38	814.95	1,801.16	1,708.16	1,683.45	24.71	69.122	
4,900.00	4,828.21	4,505.94	4,366.45	13.37	13.99	-75.05	835.38	1,816.66	1,730.67	1,705.38	25.29	68.435	
5,000.00	4,926.57	4,601.29	4,458.29	13.67	14.32	-75.71	855.80	1,832.16	1,753.41	1,727.54	25.87	67.771	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,696.64	4,550.13	13.97	14.64	-76.35	876.23	1,847.67	1,776.37	1,749.91	26.46	67.129		
5,200.00	5,123.27	4,808.01	4,641.96	14.28	15.03	-76.97	896.65	1,863.17	1,799.54	1,772.44	27.11	66.390		
5,300.00	5,221.62	4,887.34	4,733.80	14.59	15.30	-77.58	917.08	1,878.67	1,822.92	1,795.26	27.66	65.914		
5,400.00	5,319.97	4,982.69	4,825.64	14.90	15.64	-78.17	937.50	1,894.17	1,846.49	1,818.23	28.26	65.339		
5,500.00	5,418.32	5,078.04	4,917.48	15.21	15.98	-78.75	957.93	1,909.67	1,870.25	1,841.38	28.87	64.784		
5,600.00	5,516.67	5,173.39	5,009.31	15.52	16.32	-79.31	978.35	1,925.18	1,894.19	1,864.71	29.48	64.249		
5,700.00	5,615.02	5,268.74	5,101.15	15.84	16.66	-79.86	998.78	1,940.68	1,918.31	1,888.21	30.10	63.734		
5,800.00	5,713.37	5,364.09	5,192.99	16.15	17.00	-80.40	1,019.20	1,956.18	1,942.59	1,911.87	30.72	63.237		
5,900.00	5,811.72	5,459.44	5,284.83	16.47	17.35	-80.92	1,039.63	1,971.68	1,967.04	1,935.69	31.34	62.759		
6,000.00	5,910.07	5,554.79	5,376.66	16.79	17.69	-81.43	1,060.05	1,987.18	1,991.64	1,959.67	31.97	62.297		
6,100.00	6,008.42	5,650.14	5,468.50	17.11	18.04	-81.93	1,080.48	2,002.69	2,016.39	1,983.79	32.60	61.852		
6,200.00	6,106.78	5,745.49	5,560.34	17.43	18.39	-82.42	1,100.90	2,018.19	2,041.29	2,008.06	33.23	61.423		
6,300.00	6,205.13	5,840.84	5,652.18	17.76	18.74	-82.90	1,121.33	2,033.69	2,066.33	2,032.46	33.87	61.009		
6,400.00	6,303.48	5,936.19	5,744.01	18.08	19.10	-83.36	1,141.75	2,049.19	2,091.50	2,056.99	34.51	60.609		
6,500.00	6,401.83	6,030.49	5,841.86	18.41	19.46	-83.81	1,162.18	2,064.69	2,103.81	2,061.05	35.16	60.224		
6,600.00	6,500.18	6,127.89	5,943.71	18.73	19.82	-84.26	1,182.61	2,080.19	2,118.33	2,076.19	35.82	59.852		
6,700.00	6,598.49	6,224.24	6,045.54	19.06	20.18	-84.71	1,203.04	2,095.69	2,133.85	2,091.23	36.49	59.492		
6,800.00	6,696.84	6,320.59	6,147.39	19.39	20.54	-85.16	1,223.47	2,111.19	2,149.91	2,106.67	37.17	59.144		
6,900.00	6,785.47	6,416.94	6,249.24	19.72	20.90	-85.61	1,243.90	2,126.69	2,166.43	2,113.19	37.86	58.807		
7,000.00	6,868.90	6,513.29	6,351.09	20.05	21.26	-86.06	1,264.33	2,142.19	2,182.93	2,129.23	38.56	58.481		
7,034.97	6,895.94	6,540.33	6,378.07	20.71	21.82	-86.76	1,284.76	2,157.69	2,199.07	2,145.33	39.27	58.166		
7,100.00	6,942.84	6,589.68	6,427.90	21.13	22.65	-87.99	1,305.19	2,172.89	2,200.24	2,160.47	40.00	57.862		
7,200.00	7,005.45	6,667.39	6,504.21	21.87	22.99	-93.59	1,347.75	2,147.18	2,047.29	2,003.04	44.25	46.263		
7,300.00	7,055.21	6,779.56	6,604.34	22.70	22.31	-91.61	1,447.56	1,334.98	2,050.15	2,005.47	44.68	45.889		
7,400.00	7,090.87	6,785.37	6,608.84	23.61	21.79	-90.18	1,447.35	1,429.13	2,052.67	2,007.48	45.19	45.419		
7,500.00	7,111.57	6,852.79	6,688.34	24.59	21.82	-89.22	1,446.59	1,561.67	2,053.95	2,008.20	45.75	44.893		
7,600.00	7,116.95	6,859.93	6,702.07	25.62	22.21	-87.27	1,429.44	1,817.32	2,048.05	2,001.76	46.29	44.241		
7,700.00	7,116.60	6,859.96	6,913.45	26.71	22.36	-84.20	1,404.10	1,970.93	2,036.30	1,989.13	47.16	43.174		
7,800.00	7,116.25	6,859.84	6,823.53	27.85	22.37	-81.59	1,383.33	2,049.09	2,023.87	1,975.73	48.14	42.044		
7,900.00	7,115.90	6,859.20	6,758.05	29.06	22.33	-79.68	1,368.35	2,089.88	2,013.49	1,964.33	49.15	40.963		
8,000.00	7,115.55	6,859.55	6,710.77	30.31	22.29	-78.30	1,357.58	2,112.82	2,006.49	1,956.28	50.21	39.964		
8,100.00	7,115.21	6,859.10	6,675.81	31.60	22.25	-77.27	1,349.64	2,126.70	2,003.57	1,952.29	51.28	39.069		
8,116.84	7,115.15	6,859.69	6,670.83	31.82	22.24	-77.13	1,348.51	2,128.48	2,003.50	1,952.04	51.47	38.928		
8,200.00	7,114.86	6,859.39	6,649.21	32.92	22.21	-76.49	1,343.61	2,135.64	2,005.07	1,952.71	52.36	38.294		
8,300.00	7,114.51	6,859.22	6,628.41	34.28	22.18	-75.89	1,338.91	2,141.70	2,011.18	1,957.76	53.43	37.644		
8,400.00	7,114.16	6,859.62	6,611.76	35.66	22.15	-75.40	1,335.15	2,145.98	2,021.97	1,967.51	54.46	37.126		
8,500.00	7,113.81	6,859.33	6,598.16	37.07	22.12	-75.00	1,332.08	2,149.10	2,037.43	1,981.98	55.46	36.740		
8,600.00	7,113.46	6,859.51	6,586.86	38.51	22.10	-74.67	1,329.53	2,151.45	2,057.51	2,001.12	56.40	36.483		
8,700.00	7,113.11	6,859.00	6,577.73	39.96	22.08	-74.40	1,327.47	2,153.19	2,082.10	2,024.83	57.28	36.350		
8,800.00	7,112.76	6,859.00	6,577.73	41.42	22.08	-74.40	1,327.47	2,153.19	2,111.11	2,052.97	58.15	36.306 SF		
8,900.00	7,112.41	6,859.82	6,562.16	42.91	22.05	-73.95	1,323.97	2,155.81	2,144.26	2,085.43	58.83	36.448		
9,000.00	7,112.06	6,777.47	6,556.03	44.40	22.04	-73.77	1,322.59	2,156.73	2,181.48	2,121.98	59.50	36.662		
9,100.00	7,111.71	6,771.90	6,550.64	45.91	22.03	-73.61	1,321.38	2,157.49	2,222.55	2,162.44	60.10	36.978		
9,200.00	7,111.37	6,766.96	6,545.86	47.43	22.02	-73.47	1,320.30	2,158.12	2,267.25	2,206.61	60.64	37.389		
9,300.00	7,111.02	6,750.00	6,529.42	48.96	21.98	-72.99	1,316.61	2,159.99	2,315.48	2,254.47	61.02	37.948		
9,400.00	7,110.67	6,750.00	6,529.42	50.50	21.98	-72.99	1,316.61	2,159.99	2,366.79	2,305.34	61.46	38.513		
9,500.00	7,110.32	6,750.00	6,529.42	52.05	21.98	-72.99	1,316.61	2,159.99	2,421.15	2,359.32	61.83	39.155		
9,600.00	7,109.97	6,750.00	6,529.42	53.60	21.98	-72.99	1,316.61	2,159.99	2,478.35	2,416.19	62.16	39.870		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.18	-3.26	1,059.63	1,059.63				
100.00	100.00	100.00	100.00	3.28	3.28	90.18	-3.26	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	90.18	-3.26	1,059.63	1,059.63	1,052.06	7.57	139.906	
300.00	299.98	287.16	287.16	3.35	3.34	-29.73	-3.17	1,059.85	1,058.42	1,050.77	7.65	138.324	
400.00	399.84	361.44	361.42	3.41	3.39	-29.89	-2.49	1,061.65	1,056.30	1,048.55	7.75	136.268	
500.00	499.45	435.63	435.50	3.50	3.44	-30.17	-1.12	1,065.25	1,053.60	1,045.72	7.88	133.659	
600.00	598.70	509.66	509.31	3.61	3.51	-30.56	0.92	1,070.62	1,050.35	1,042.31	8.05	130.526	
700.00	697.47	583.48	582.72	3.77	3.60	-31.06	3.63	1,077.75	1,046.62	1,038.37	8.25	126.898	
800.00	795.83	657.09	655.72	3.96	3.70	-31.62	6.99	1,086.62	1,043.39	1,034.90	8.48	122.976	
876.72	871.29	713.51	711.49	4.13	3.78	-32.07	10.03	1,094.60	1,042.62	1,033.93	8.69	120.011	
900.00	894.18	730.60	728.35	4.19	3.81	-32.20	11.02	1,097.23	1,042.69	1,033.94	8.75	119.127	
1,000.00	992.53	823.08	819.44	4.44	3.98	-32.97	16.69	1,112.15	1,043.94	1,034.83	9.10	114.681	
1,100.00	1,090.88	921.93	916.79	4.71	4.19	-33.78	22.77	1,128.17	1,045.48	1,035.97	9.51	109.983	
1,200.00	1,189.23	1,020.78	1,014.14	5.00	4.42	-34.60	28.85	1,144.18	1,047.23	1,037.29	9.94	105.337	
1,300.00	1,287.58	1,119.63	1,111.50	5.31	4.68	-35.41	34.93	1,160.20	1,049.21	1,038.80	10.41	100.822	
1,400.00	1,385.94	1,218.48	1,208.85	5.62	4.94	-36.21	41.01	1,176.22	1,051.39	1,040.49	10.90	96.488	
1,500.00	1,484.29	1,317.33	1,306.21	5.95	5.23	-37.02	47.10	1,192.23	1,053.79	1,042.38	11.41	92.358	
1,600.00	1,582.64	1,416.18	1,403.56	6.29	5.52	-37.82	53.18	1,208.25	1,056.40	1,044.46	11.94	88.482	
1,700.00	1,680.99	1,515.03	1,500.92	6.63	5.82	-38.61	59.26	1,224.26	1,059.22	1,046.73	12.49	84.819	
1,800.00	1,779.34	1,613.88	1,598.27	6.98	6.13	-39.41	65.34	1,240.28	1,062.24	1,049.19	13.05	81.388	
1,900.00	1,877.69	1,712.73	1,695.63	7.18	6.45	-40.19	71.42	1,256.29	1,065.48	1,052.21	13.27	80.294	
2,000.00	1,976.04	1,811.58	1,792.98	7.22	6.76	-40.98	77.50	1,272.31	1,068.91	1,055.36	13.55	78.870	
2,100.00	2,074.39	1,910.43	1,890.34	7.28	6.92	-41.75	83.58	1,288.32	1,072.55	1,058.99	13.56	79.101	
2,200.00	2,172.74	2,009.28	1,987.69	7.35	6.96	-42.53	89.67	1,304.34	1,076.39	1,062.74	13.65	78.846	
2,300.00	2,271.09	2,108.13	2,085.04	7.45	7.02	-43.29	95.75	1,320.36	1,080.43	1,066.65	13.78	78.425	
2,400.00	2,369.44	2,206.98	2,182.40	7.55	7.09	-44.05	101.83	1,336.37	1,084.66	1,070.73	13.93	77.855	
2,500.00	2,467.79	2,305.83	2,279.75	7.68	7.17	-44.81	107.91	1,352.39	1,089.08	1,074.96	14.12	77.133	
2,600.00	2,566.15	2,404.68	2,377.11	7.81	7.27	-45.56	113.99	1,368.40	1,093.70	1,079.36	14.34	76.292	
2,700.00	2,664.50	2,503.53	2,474.46	7.96	7.39	-46.30	120.07	1,384.42	1,098.51	1,083.93	14.58	75.342	
2,800.00	2,762.85	2,602.38	2,571.82	8.12	7.52	-47.03	126.15	1,400.43	1,103.50	1,088.65	14.85	74.302	
2,900.00	2,861.20	2,701.23	2,669.17	8.30	7.66	-47.76	132.23	1,416.45	1,108.67	1,093.52	15.15	73.187	
3,000.00	2,959.55	2,800.08	2,766.53	8.48	7.81	-48.49	138.32	1,432.46	1,114.03	1,098.56	15.47	72.013	
3,100.00	3,057.90	2,901.07	2,863.88	8.68	7.97	-49.20	144.40	1,448.48	1,119.57	1,103.75	15.82	70.782	
3,200.00	3,156.25	3,002.22	2,961.24	8.89	8.15	-49.91	150.48	1,464.49	1,125.28	1,109.09	16.19	69.520	
3,300.00	3,254.60	3,103.37	3,058.59	9.10	8.34	-50.61	156.56	1,480.51	1,131.16	1,114.59	16.58	68.239	
3,400.00	3,352.95	3,204.52	3,155.95	9.32	8.54	-51.31	162.64	1,496.53	1,137.22	1,120.23	16.99	66.952	
3,500.00	3,451.30	3,305.67	3,253.30	9.56	8.74	-51.99	168.72	1,512.54	1,143.44	1,126.03	17.41	65.668	
3,600.00	3,549.65	3,406.82	3,350.65	9.79	8.96	-52.67	174.80	1,528.56	1,149.83	1,131.97	17.86	64.394	
3,700.00	3,648.00	3,507.97	3,448.01	10.04	9.18	-53.35	180.88	1,544.57	1,156.38	1,138.06	18.32	63.137	
3,800.00	3,746.36	3,609.11	3,545.36	10.29	9.41	-54.01	186.97	1,560.59	1,163.09	1,144.30	18.79	61.903	
3,900.00	3,844.71	3,689.74	3,642.72	10.55	9.59	-54.67	193.05	1,576.60	1,169.96	1,150.72	19.23	60.835	
4,000.00	3,943.06	3,788.59	3,740.07	10.81	9.83	-55.32	199.13	1,592.62	1,176.98	1,157.25	19.72	59.671	
4,100.00	4,041.41	3,887.44	3,837.43	11.08	10.07	-55.96	205.21	1,608.63	1,184.15	1,163.92	20.23	58.538	
4,200.00	4,139.76	3,986.29	3,934.78	11.35	10.32	-56.59	211.29	1,624.65	1,191.47	1,170.73	20.74	57.438	
4,300.00	4,238.11	4,085.14	4,032.14	11.63	10.57	-57.22	217.37	1,640.67	1,198.94	1,177.67	21.27	56.372	
4,400.00	4,336.46	4,183.99	4,129.49	11.91	10.82	-57.84	223.45	1,656.68	1,206.55	1,184.75	21.80	55.341	
4,500.00	4,434.81	4,282.84	4,226.85	12.20	11.08	-58.45	229.53	1,672.70	1,214.30	1,191.96	22.34	54.344	
4,600.00	4,533.16	4,381.69	4,324.20	12.48	11.35	-59.05	235.62	1,688.71	1,222.19	1,199.30	22.89	53.383	
4,700.00	4,631.51	4,480.54	4,421.55	12.78	11.61	-59.65	241.70	1,704.73	1,230.22	1,206.76	23.45	52.455	
4,800.00	4,729.86	4,579.39	4,518.91	13.07	11.88	-60.24	247.78	1,720.74	1,238.37	1,214.36	24.02	51.562	
4,900.00	4,828.21	4,678.24	4,616.26	13.37	12.16	-60.82	253.86	1,736.76	1,246.66	1,222.07	24.59	50.702	
5,000.00	4,926.57	4,777.09	4,713.62	13.67	12.43	-61.39	259.94	1,752.77	1,255.07	1,229.91	25.17	49.874	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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 33C-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	5,024.92	4,875.94	4,810.97	13.97	12.71	-61.96	266.02	1,768.79	1,263.61	1,237.87	25.75	49.077		
5,200.00	5,123.27	4,974.79	4,908.33	14.28	12.99	-62.51	272.10	1,784.80	1,272.28	1,245.94	26.34	48.310		
5,300.00	5,221.62	5,073.64	5,005.68	14.59	13.28	-63.06	278.19	1,800.82	1,281.06	1,254.13	26.93	47.573		
5,400.00	5,319.97	5,172.49	5,103.04	14.90	13.56	-63.61	284.27	1,816.84	1,289.96	1,262.43	27.53	46.864		
5,500.00	5,418.32	5,271.34	5,200.39	15.21	13.85	-64.14	290.35	1,832.85	1,298.97	1,270.84	28.13	46.183		
5,600.00	5,516.67	5,370.19	5,297.75	15.52	14.14	-64.67	296.43	1,848.87	1,308.10	1,279.37	28.73	45.527		
5,700.00	5,615.02	5,469.04	5,395.10	15.84	14.44	-65.19	302.51	1,864.88	1,317.33	1,287.99	29.34	44.896		
5,800.00	5,713.37	5,567.89	5,492.45	16.15	14.73	-65.70	308.59	1,880.90	1,326.68	1,296.73	29.95	44.290		
5,900.00	5,811.72	5,666.74	5,589.81	16.47	15.03	-66.21	314.67	1,896.91	1,336.13	1,305.56	30.57	43.706		
6,000.00	5,910.07	5,765.59	5,687.16	16.79	15.32	-66.71	320.75	1,912.93	1,345.69	1,314.49	31.19	43.145		
6,100.00	6,008.42	5,864.44	5,784.52	17.11	15.62	-67.20	326.84	1,928.94	1,355.34	1,323.53	31.81	42.604		
6,200.00	6,106.78	5,963.29	5,881.87	17.43	15.92	-67.69	332.92	1,944.96	1,365.10	1,332.66	32.44	42.084		
6,300.00	6,205.13	6,062.14	5,979.23	17.76	16.22	-68.17	339.00	1,960.97	1,374.95	1,341.88	33.07	41.583		
6,400.00	6,303.48	6,278.87	7,281.64	18.08	23.06	-129.31	425.54	904.13	1,371.03	1,335.99	35.04	39.133		
6,500.00	6,401.83	8,260.18	7,282.21	18.41	22.88	-128.32	425.50	922.82	1,309.63	1,273.83	35.79	36.590		
6,600.00	6,500.18	8,241.49	7,282.78	18.73	22.70	-127.34	425.46	941.50	1,252.93	1,216.33	36.60	34.235		
6,700.00	6,598.49	8,222.59	7,283.35	19.06	22.52	-123.51	425.42	960.39	1,201.61	1,164.17	37.44	32.095		
6,800.00	6,694.58	8,206.22	7,284.23	19.45	22.37	-115.02	425.36	989.18	1,157.44	1,119.09	38.35	30.184		
6,900.00	6,785.47	8,150.37	7,285.55	19.92	21.88	-111.84	425.26	1,032.58	1,121.70	1,082.70	39.01	28.758		
7,000.00	6,868.90	8,106.59	7,287.28	20.48	21.50	-109.56	425.14	1,089.50	1,094.49	1,054.72	39.77	27.521		
7,100.00	6,942.84	8,024.32	7,289.38	21.13	20.86	-107.30	424.99	1,158.56	1,075.13	1,034.83	40.30	26.680		
7,200.00	7,005.45	7,944.80	7,291.80	21.87	20.31	-105.03	424.82	1,238.05	1,062.33	1,021.44	40.90	25.975		
7,300.00	7,055.21	7,856.79	7,294.48	22.70	19.78	-102.94	424.63	1,326.02	1,054.55	1,013.03	41.52	25.397		
7,400.00	7,090.87	7,754.06	7,297.30	23.61	19.28	-101.18	424.39	1,428.71	1,050.20	1,008.00	42.20	24.889		
7,500.00	7,111.57	7,596.36	7,277.81	24.59	18.77	-98.71	422.52	1,584.78	1,044.56	1,001.51	43.05	24.263		
7,600.00	7,116.95	7,456.86	7,229.15	25.62	18.53	-96.26	418.92	1,715.17	1,036.15	992.03	44.13	23.481		
7,700.00	7,116.60	7,340.47	7,167.65	26.71	18.46	-92.88	414.63	1,813.70	1,026.49	981.19	45.30	22.660		
7,800.00	7,116.25	7,249.12	7,107.44	27.85	18.46	-89.52	410.55	1,882.18	1,018.40	971.97	46.43	21.932		
7,900.00	7,115.90	7,178.22	7,054.34	29.06	18.48	-86.52	407.01	1,928.97	1,014.48	967.04	47.45	21.381		
7,918.88	7,115.84	7,166.72	7,045.25	29.29	18.48	-86.01	406.41	1,935.99	1,014.37	966.75	47.63	21.299 CC, ES		
8,000.00	7,115.55	7,122.88	7,009.47	30.31	18.49	-83.99	404.04	1,961.20	1,016.55	968.25	48.30	21.045		
8,100.00	7,115.21	7,079.09	6,972.09	31.60	18.49	-81.88	401.59	1,983.87	1,025.73	976.76	48.98	20.943 SF		
8,200.00	7,114.86	7,043.88	6,940.97	32.92	18.50	-80.14	399.56	2,000.18	1,042.60	993.13	49.46	21.078		
8,300.00	7,114.51	7,015.13	6,914.92	34.28	18.49	-78.69	397.87	2,012.22	1,067.26	1,017.50	49.77	21.446		
8,400.00	7,114.16	6,991.30	6,892.92	35.66	18.49	-77.47	396.44	2,021.29	1,099.54	1,049.64	49.90	22.036		
8,500.00	7,113.81	6,971.27	6,874.19	37.07	18.48	-76.44	395.23	2,028.27	1,139.00	1,089.12	49.89	22.832		
8,600.00	7,113.46	6,950.00	6,854.07	38.51	18.47	-75.34	393.93	2,035.03	1,185.09	1,135.35	49.74	23.825		
8,700.00	7,113.11	6,950.00	6,854.07	39.96	18.47	-75.34	393.93	2,035.03	1,237.23	1,187.64	49.59	24.947		
8,800.00	7,112.76	6,926.89	6,831.96	41.42	18.46	-74.13	392.51	2,041.62	1,294.53	1,245.26	49.27	26.273		
8,900.00	7,112.41	6,915.76	6,821.23	42.91	18.45	-73.56	391.82	2,044.50	1,356.64	1,307.68	48.96	27.708		
9,000.00	7,112.06	6,900.00	6,805.96	44.40	18.45	-72.74	390.84	2,048.26	1,422.92	1,374.32	48.60	29.277		
9,100.00	7,111.71	6,900.00	6,805.96	45.91	18.45	-72.74	390.84	2,048.26	1,492.75	1,444.44	48.31	30.899		
9,200.00	7,111.37	6,900.00	6,805.96	47.43	18.45	-72.74	390.84	2,048.26	1,565.86	1,517.85	48.02	32.610		
9,300.00	7,111.02	6,882.40	6,788.80	48.96	18.43	-71.82	389.74	2,052.00	1,641.53	1,593.89	47.64	34.456		
9,400.00	7,110.67	6,876.06	6,782.60	50.50	18.42	-71.49	389.34	2,053.24	1,719.69	1,672.36	47.33	36.331		
9,500.00	7,110.32	6,870.31	6,776.96	52.05	18.42	-71.20	388.98	2,054.30	1,799.95	1,752.91	47.05	38.260		
9,600.00	7,109.97	6,850.00	6,756.97	53.60	18.40	-70.15	387.71	2,057.65	1,882.26	1,835.57	46.70	40.308		
9,700.00	7,109.62	6,850.00	6,756.97	55.17	18.40	-70.15	387.71	2,057.65	1,965.87	1,919.39	46.47	42.301		
9,800.00	7,109.27	6,850.00	6,756.97	56.73	18.40	-70.15	387.71	2,057.65	2,050.93	2,004.67	46.27	44.329		
9,900.00	7,108.92	6,850.00	6,756.97	58.31	18.40	-70.15	387.71	2,057.65	2,137.30	2,091.22	46.07	46.387		
10,000.00	7,108.57	6,850.00	6,756.97	59.89	18.40	-70.15	387.71	2,057.65	2,224.80	2,178.90	45.90	48.471		
10,100.00	7,108.22	6,850.00	6,756.97	61.47	18.40	-70.15	387.71	2,057.65	2,313.32	2,267.58	45.74	50.575		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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 33C-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	
10,200.00	7,107.87	6,850.00	6,756.97	63.06	18.40	-70.15	387.71	2,057.65	2,402.74	2,357.14	45.60	52.697	
10,300.00	7,107.52	6,850.00	6,756.97	64.66	18.40	-70.15	387.71	2,057.65	2,492.96	2,447.50	45.46	54.833	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
0.00	0.00	0.00	0.00	3.28	3.28	90.16	-2.89	1,019.54	1,019.54				
100.00	100.00	100.00	100.00	3.28	3.28	90.16	-2.89	1,019.54	1,019.54	1,012.01	7.53	135.418	
200.00	200.00	200.00	200.00	3.31	3.31	90.16	-2.89	1,019.54	1,019.54	1,011.97	7.57	134.612	
300.00	299.98	300.02	299.98	3.35	3.35	-29.75	-2.89	1,019.54	1,018.02	1,010.36	7.66	132.899	
400.00	399.84	400.16	399.84	3.41	3.42	-29.94	-2.89	1,019.54	1,013.48	1,005.69	7.79	130.117	
500.00	499.45	500.55	499.45	3.50	3.50	-30.27	-2.89	1,019.54	1,005.94	997.97	7.96	126.309	
600.00	598.70	601.30	598.70	3.61	3.61	-30.73	-2.89	1,019.54	995.42	987.23	8.19	121.609	
700.00	697.47	702.53	697.47	3.77	3.74	-31.33	-2.89	1,019.54	981.97	973.51	8.45	116.161	
800.00	795.83	795.83	795.83	3.96	3.87	-31.92	-2.89	1,019.54	966.56	957.81	8.75	110.443	
900.00	894.18	870.69	870.69	4.19	3.97	-32.36	-2.84	1,020.41	952.35	943.31	9.04	105.371	
1,000.00	992.53	945.00	944.94	4.44	4.08	-32.80	-2.68	1,023.20	940.78	931.44	9.35	100.657	
1,100.00	1,090.88	1,019.70	1,019.49	4.71	4.20	-33.25	-2.40	1,027.94	931.89	922.22	9.68	96.307	
1,200.00	1,189.23	1,094.70	1,094.18	5.00	4.33	-33.72	-2.01	1,034.65	925.70	915.67	10.03	92.310	
1,300.00	1,287.58	1,169.90	1,168.87	5.31	4.47	-34.18	-1.50	1,043.34	922.22	911.82	10.40	88.674	
1,377.95	1,364.25	1,228.58	1,226.98	5.55	4.59	-34.54	-1.02	1,051.48	921.39	910.69	10.70	86.109	
1,400.00	1,385.94	1,245.19	1,243.40	5.62	4.62	-34.65	-0.87	1,054.00	921.46	910.67	10.79	85.409	
1,500.00	1,484.29	1,320.46	1,317.60	5.95	4.79	-35.11	-0.14	1,066.60	923.42	912.23	11.19	82.512	
1,600.00	1,582.64	1,411.68	1,407.19	6.29	5.01	-35.66	0.87	1,083.74	927.52	915.86	11.66	79.523	
1,700.00	1,680.99	1,511.11	1,504.82	6.63	5.27	-36.25	1.97	1,102.55	931.88	919.69	12.18	76.485	
1,800.00	1,779.34	1,610.55	1,602.46	6.98	5.55	-36.84	3.07	1,121.35	936.33	923.61	12.72	73.596	
1,900.00	1,877.69	1,709.99	1,700.10	7.18	5.85	-37.42	4.17	1,140.16	940.89	927.97	12.92	72.827	
2,000.00	1,976.04	1,809.42	1,797.73	7.22	6.14	-38.00	5.27	1,158.96	945.54	932.34	13.19	71.675	
2,100.00	2,074.39	1,908.86	1,895.37	7.28	6.30	-38.57	6.38	1,177.77	950.28	937.09	13.19	72.033	
2,200.00	2,172.74	2,008.30	1,993.01	7.35	6.34	-39.13	7.48	1,196.57	955.12	941.84	13.28	71.898	
2,300.00	2,271.09	2,107.73	2,090.64	7.45	6.39	-39.69	8.58	1,215.38	960.05	946.64	13.41	71.589	
2,400.00	2,369.44	2,207.17	2,188.28	7.55	6.47	-40.24	9.68	1,234.18	965.08	951.51	13.57	71.119	
2,500.00	2,467.79	2,306.61	2,285.91	7.68	6.56	-40.79	10.78	1,252.99	970.19	956.43	13.76	70.505	
2,600.00	2,566.15	2,406.05	2,383.55	7.81	6.68	-41.33	11.88	1,271.79	975.39	961.41	13.98	69.749	
2,700.00	2,664.50	2,505.48	2,481.19	7.96	6.81	-41.87	12.98	1,290.59	980.68	966.44	14.24	68.884	
2,800.00	2,762.85	2,604.92	2,578.82	8.12	6.95	-42.40	14.09	1,309.40	986.05	971.53	14.52	67.922	
2,900.00	2,861.20	2,704.36	2,676.46	8.30	7.11	-42.93	15.19	1,328.20	991.51	976.69	14.82	66.884	
3,000.00	2,959.55	2,803.79	2,774.10	8.48	7.28	-43.45	16.29	1,347.01	997.05	981.89	15.16	65.779	
3,100.00	3,057.90	2,903.23	2,871.73	8.68	7.46	-43.96	17.39	1,365.81	1,002.67	987.16	15.51	64.632	
3,200.00	3,156.25	3,002.67	2,969.37	8.89	7.66	-44.47	18.49	1,384.62	1,008.37	992.48	15.89	63.451	
3,300.00	3,254.60	3,102.10	3,067.01	9.10	7.86	-44.97	19.59	1,403.42	1,014.16	997.86	16.29	62.252	
3,400.00	3,352.95	3,201.54	3,164.64	9.32	8.08	-45.47	20.70	1,422.23	1,020.01	1,003.30	16.71	61.044	
3,500.00	3,451.30	3,300.98	3,262.28	9.56	8.31	-45.96	21.80	1,441.03	1,025.95	1,008.80	17.15	59.837	
3,600.00	3,549.65	3,400.41	3,359.91	9.79	8.54	-46.44	22.90	1,459.84	1,031.96	1,014.36	17.60	58.639	
3,700.00	3,648.00	3,500.15	3,457.55	10.04	8.78	-46.92	24.00	1,478.64	1,038.04	1,019.97	18.07	57.454	
3,800.00	3,746.36	3,599.29	3,555.19	10.29	9.03	-47.40	25.10	1,497.45	1,044.19	1,025.64	18.55	56.294	
3,900.00	3,844.71	3,701.28	3,652.82	10.55	9.30	-47.86	26.20	1,516.25	1,050.42	1,031.37	19.05	55.138	
4,000.00	3,943.06	3,801.84	3,750.46	10.81	9.56	-48.33	27.30	1,535.06	1,056.71	1,037.15	19.56	54.020	
4,100.00	4,041.41	3,897.60	3,848.10	11.08	9.82	-48.78	28.41	1,553.86	1,063.08	1,043.01	20.07	52.963	
4,200.00	4,139.76	4,002.97	3,945.73	11.35	10.11	-49.24	29.51	1,572.67	1,069.51	1,048.89	20.62	51.876	
4,300.00	4,238.11	4,096.47	4,043.37	11.63	10.37	-49.68	30.61	1,591.47	1,076.00	1,054.86	21.14	50.895	
4,400.00	4,336.46	4,204.09	4,141.00	11.91	10.67	-50.12	31.71	1,610.28	1,082.57	1,060.85	21.71	49.861	
4,500.00	4,434.81	4,304.66	4,238.64	12.20	10.96	-50.56	32.81	1,629.08	1,089.19	1,066.92	22.27	48.904	
4,600.00	4,533.16	4,394.78	4,336.28	12.48	11.23	-50.99	33.91	1,647.89	1,095.88	1,073.07	22.81	48.039	
4,700.00	4,631.51	4,505.78	4,433.91	12.78	11.55	-51.42	35.01	1,666.69	1,102.63	1,079.21	23.42	47.088	
4,800.00	4,729.86	4,606.34	4,531.55	13.07	11.85	-51.84	36.12	1,685.50	1,109.44	1,085.44	24.00	46.228	
4,900.00	4,828.21	4,706.91	4,629.19	13.37	12.16	-52.25	37.22	1,704.30	1,116.30	1,091.71	24.59	45.400	
5,000.00	4,926.57	4,807.47	4,726.82	13.67	12.46	-52.66	38.32	1,723.11	1,123.23	1,098.05	25.18	44.602	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
5,100.00	5,024.92	4,908.03	4,824.46	13.97	12.77	-53.07	39.42	1,741.91	1,130.21	1,104.43	25.78	43.834		
5,200.00	5,123.27	4,991.40	4,922.09	14.28	13.03	-53.47	40.52	1,760.72	1,137.25	1,110.91	26.34	43.174		
5,300.00	5,221.62	5,109.16	5,019.73	14.59	13.40	-53.86	41.62	1,779.52	1,144.34	1,117.34	27.00	42.381		
5,400.00	5,319.97	5,209.72	5,117.37	14.90	13.71	-54.25	42.73	1,798.33	1,151.49	1,123.87	27.62	41.695		
5,500.00	5,418.32	5,289.71	5,215.00	15.21	13.96	-54.64	43.83	1,817.13	1,158.69	1,130.51	28.18	41.123		
5,600.00	5,516.67	5,389.15	5,312.64	15.52	14.28	-55.02	44.93	1,835.94	1,165.94	1,137.15	28.80	40.489		
5,700.00	5,615.02	5,488.59	5,410.28	15.84	14.59	-55.39	46.03	1,854.74	1,173.25	1,143.83	29.42	39.878		
5,800.00	5,713.37	5,588.02	5,507.91	16.15	14.91	-55.77	47.13	1,873.55	1,180.60	1,150.55	30.05	39.290		
5,900.00	5,811.72	5,687.46	5,605.55	16.47	15.23	-56.13	48.23	1,892.35	1,188.00	1,157.32	30.68	38.723		
6,000.00	5,910.07	5,786.90	5,703.19	16.79	15.55	-56.50	49.33	1,911.16	1,195.45	1,164.14	31.31	38.177		
6,100.00	6,008.42	5,886.34	5,802.63	17.11	15.87	-56.87	50.43	1,930.00	1,202.80	1,171.51	31.94	37.630		
6,200.00	6,106.78	5,985.78	5,902.07	17.43	16.19	-57.24	51.53	1,948.89	1,210.25	1,178.96	32.57	37.083		
6,300.00	6,205.13	6,085.22	6,001.36	17.76	16.51	-57.61	52.63	1,967.83	1,217.75	1,186.46	33.20	36.536		
6,400.00	6,303.48	6,184.66	6,100.70	18.08	16.83	-57.98	53.73	1,986.83	1,225.25	1,193.96	33.83	35.989		
6,500.00	6,401.83	6,284.10	6,200.14	18.41	17.15	-58.35	54.83	1,999.00	1,232.80	1,201.51	34.46	35.442		
6,600.00	6,500.18	6,383.54	6,300.00	18.73	17.47	-58.72	55.93	2,011.25	1,240.35	1,209.06	35.09	34.895		
6,700.00	6,598.53	6,482.98	6,399.44	19.06	17.79	-59.09	57.03	2,023.50	1,247.90	1,216.61	35.72	34.348		
6,800.00	6,696.88	6,582.42	6,500.00	19.38	18.11	-59.46	58.13	2,035.75	1,255.45	1,224.16	36.35	33.801		
6,900.00	6,795.23	6,681.86	6,600.00	19.71	18.43	-59.83	59.23	2,048.00	1,263.00	1,231.71	36.98	33.254		
7,000.00	6,893.58	6,781.30	6,700.00	20.03	18.75	-60.20	60.33	2,060.25	1,270.55	1,239.26	37.61	32.707		
7,069.37	6,921.31	6,809.50	6,812.22	20.93	19.92	-97.55	62.80	1,142.89	656.37	615.96	40.41	16.242	CC, ES	
7,100.00	6,942.84	7,667.26	6,981.78	21.13	19.77	-95.83	62.83	1,165.13	656.71	616.20	40.51	16.210	SF	
7,200.00	7,005.45	7,588.06	6,983.78	21.87	19.25	-90.37	62.93	1,244.30	661.46	620.68	40.78	16.222		
7,300.00	7,055.21	7,500.31	6,986.00	22.70	18.77	-85.56	63.03	1,332.02	669.03	627.98	41.05	16.299		
7,400.00	7,090.87	7,413.37	6,986.43	23.61	18.40	-81.97	63.12	1,418.93	676.56	635.14	41.43	16.332		
7,500.00	7,111.57	7,332.82	6,977.38	24.59	18.12	-79.07	63.09	1,498.92	683.61	641.78	41.84	16.340		
7,600.00	7,116.95	7,254.64	6,959.02	25.62	17.92	-76.73	62.96	1,574.87	689.84	647.56	42.27	16.319		
7,700.00	7,116.60	7,180.98	6,933.32	26.71	17.78	-74.67	62.74	1,643.86	698.22	655.54	42.67	16.362		
7,800.00	7,116.25	7,114.04	6,903.20	27.85	17.70	-72.30	62.46	1,703.60	711.51	668.56	42.94	16.569		
7,900.00	7,115.90	7,050.00	6,868.67	29.06	17.66	-69.66	62.13	1,757.50	730.73	687.68	43.05	16.974		
8,000.00	7,115.55	7,000.00	6,838.05	30.31	17.64	-67.38	61.83	1,797.00	756.57	713.60	42.97	17.606		
8,100.00	7,115.21	6,950.00	6,804.42	31.60	17.65	-64.96	61.49	1,833.99	789.46	746.70	42.75	18.466		
8,200.00	7,114.86	6,914.07	6,778.51	32.92	17.65	-63.16	61.22	1,858.88	829.29	786.87	42.42	19.550		
8,300.00	7,114.51	6,878.30	6,751.37	34.28	17.66	-61.32	60.94	1,882.16	875.82	833.80	42.02	20.844		
8,400.00	7,114.16	6,850.00	6,729.00	35.66	17.67	-59.86	60.71	1,899.49	928.54	886.94	41.60	22.322		
8,500.00	7,113.81	6,819.14	6,703.74	37.07	17.68	-58.25	60.45	1,917.22	986.79	945.63	41.17	23.971		
8,600.00	7,113.46	6,800.00	6,687.66	38.51	17.69	-57.25	60.28	1,927.60	1,050.00	1,009.22	40.78	25.749		
8,700.00	7,113.11	6,772.78	6,664.27	39.96	17.70	-55.84	60.03	1,941.51	1,117.44	1,077.05	40.39	27.663		
8,800.00	7,112.76	6,750.00	6,644.26	41.42	17.70	-54.67	59.82	1,952.38	1,188.65	1,148.60	40.06	29.674		
8,900.00	7,112.41	6,735.83	6,631.61	42.91	17.70	-53.95	59.69	1,958.78	1,263.06	1,223.29	39.77	31.756		
9,000.00	7,112.06	6,720.10	6,617.41	44.40	17.71	-53.15	59.54	1,965.54	1,340.27	1,300.74	39.52	33.912		
9,100.00	7,111.71	6,700.00	6,599.04	45.91	17.71	-52.14	59.34	1,973.68	1,419.91	1,380.62	39.29	36.139		
9,200.00	7,111.37	6,700.00	6,599.04	47.43	17.71	-52.14	59.34	1,973.68	1,501.60	1,462.46	39.14	38.361		
9,300.00	7,111.02	6,681.21	6,581.63	48.96	17.71	-51.21	59.15	1,980.75	1,585.04	1,546.07	38.97	40.675		
9,400.00	7,110.67	6,670.47	6,571.59	50.50	17.71	-50.68	59.04	1,984.57	1,670.09	1,631.25	38.84	42.999		
9,500.00	7,110.32	6,650.00	6,552.28	52.05	17.71	-49.69	58.84	1,991.36	1,756.63	1,717.92	38.71	45.383		
9,600.00	7,109.97	6,650.00	6,552.28	53.60	17.71	-49.69	58.84	1,991.36	1,844.14	1,805.50	38.65	47.718		
9,700.00	7,109.62	6,650.00	6,552.28	55.17	17.71	-49.69	58.84	1,991.36	1,932.87	1,894.27	38.60	50.074		
9,800.00	7,109.27	6,650.00	6,552.28	56.73	17.71	-49.69	58.84	1,991.36	2,022.64	1,984.08	38.57	52.447		
9,900.00	7,108.92	6,628.23	6,531.53	58.31	17.70	-48.66	58.61	1,997.90	2,112.87	2,074.38	38.49	54.895		
10,000.00	7,108.57	6,621.55	6,525.11	59.89	17.70	-48.34	58.54	1,999.77	2,204.05	2,165.58	38.46	57.303		
10,100.00	7,108.22	6,600.00	6,504.29	61.47	17.69	-47.35	58.32	2,005.33	2,296.11	2,257.70	38.41	59.776		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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 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							
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	7,107.87	6,600.00	6,504.29	63.06	17.69	-47.35	58.32	2,005.33	2,388.39	2,349.97	38.42	62.163		
10,300.00	7,107.52	6,600.00	6,504.29	64.66	17.69	-47.35	58.32	2,005.33	2,481.27	2,442.83	38.44	64.553		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.16	-2.89	1,039.58	1,039.59				
100.00	100.00	100.00	100.00	3.28	3.28	90.16	-2.89	1,039.58	1,039.59	1,032.06	7.53	138.080	
200.00	200.00	200.00	200.00	3.31	3.31	90.16	-2.89	1,039.58	1,039.59	1,032.01	7.57	137.259	
300.00	299.98	274.10	274.09	3.35	3.34	-29.74	-2.64	1,040.50	1,039.31	1,031.67	7.64	135.977	
400.00	399.84	348.15	348.08	3.41	3.38	-29.90	-1.87	1,043.27	1,038.51	1,030.77	7.74	134.191	
500.00	499.45	422.10	421.88	3.50	3.43	-30.16	-0.59	1,047.87	1,037.19	1,029.33	7.87	131.864	
600.00	598.70	500.00	499.45	3.61	3.51	-30.55	1.30	1,054.70	1,035.40	1,027.37	8.03	128.910	
700.00	697.47	569.53	568.51	3.77	3.59	-30.99	3.47	1,062.52	1,033.15	1,024.93	8.22	125.644	
800.00	795.83	642.98	641.22	3.96	3.69	-31.52	6.24	1,072.52	1,031.47	1,023.01	8.46	121.978	
816.48	812.03	655.07	653.16	4.00	3.71	-31.61	6.75	1,074.34	1,031.43	1,022.94	8.50	121.371	
900.00	894.18	726.11	723.20	4.19	3.83	-32.14	9.92	1,085.77	1,032.18	1,023.43	8.75	118.010	
1,000.00	992.53	825.19	820.85	4.44	4.02	-32.88	14.41	1,101.97	1,033.54	1,024.42	9.11	113.394	
1,100.00	1,090.88	924.27	918.49	4.71	4.23	-33.61	18.91	1,118.17	1,035.07	1,025.55	9.52	108.734	
1,200.00	1,189.23	1,023.35	1,016.13	5.00	4.47	-34.35	23.40	1,134.37	1,036.78	1,026.83	9.96	104.132	
1,300.00	1,287.58	1,122.44	1,113.78	5.31	4.73	-35.08	27.89	1,150.57	1,038.66	1,028.24	10.42	99.662	
1,400.00	1,385.94	1,221.52	1,211.42	5.62	5.00	-35.81	32.39	1,166.78	1,040.72	1,029.81	10.91	95.372	
1,500.00	1,484.29	1,320.60	1,309.07	5.95	5.28	-36.54	36.88	1,182.98	1,042.94	1,031.52	11.42	91.290	
1,600.00	1,582.64	1,419.68	1,406.71	6.29	5.58	-37.26	41.38	1,199.18	1,045.34	1,033.39	11.95	87.446	
1,700.00	1,680.99	1,518.76	1,504.36	6.63	5.88	-37.99	45.87	1,215.38	1,047.91	1,035.40	12.50	83.819	
1,800.00	1,779.34	1,617.84	1,602.00	6.98	6.19	-38.70	50.36	1,231.58	1,050.64	1,037.57	13.06	80.417	
1,900.00	1,877.69	1,716.92	1,699.64	7.18	6.51	-39.42	54.86	1,247.79	1,053.54	1,040.26	13.28	79.318	
2,000.00	1,976.04	1,816.00	1,797.29	7.22	6.81	-40.13	59.35	1,263.99	1,056.60	1,043.04	13.56	77.921	
2,100.00	2,074.39	1,915.09	1,894.93	7.28	6.97	-40.83	63.84	1,280.19	1,059.83	1,046.27	13.56	78.156	
2,200.00	2,172.74	2,014.17	1,992.58	7.35	7.01	-41.53	68.34	1,296.39	1,063.22	1,049.57	13.65	77.873	
2,300.00	2,271.09	2,113.25	2,090.22	7.45	7.07	-42.23	72.83	1,312.59	1,066.77	1,053.00	13.78	77.424	
2,400.00	2,369.44	2,212.33	2,187.87	7.55	7.14	-42.92	77.33	1,328.79	1,070.48	1,056.55	13.93	76.822	
2,500.00	2,467.79	2,311.41	2,285.51	7.68	7.22	-43.61	81.82	1,345.00	1,074.35	1,060.23	14.12	76.079	
2,600.00	2,566.15	2,410.49	2,383.15	7.81	7.32	-44.29	86.31	1,361.20	1,078.38	1,064.04	14.34	75.212	
2,700.00	2,664.50	2,509.57	2,480.80	7.96	7.44	-44.97	90.81	1,377.40	1,082.55	1,067.97	14.58	74.238	
2,800.00	2,762.85	2,608.65	2,578.44	8.12	7.57	-45.64	95.30	1,393.60	1,086.88	1,072.03	14.85	73.174	
2,900.00	2,861.20	2,707.74	2,676.09	8.30	7.70	-46.30	99.80	1,409.80	1,091.36	1,076.22	15.15	72.040	
3,000.00	2,959.55	2,806.82	2,773.73	8.48	7.85	-46.97	104.29	1,426.00	1,095.99	1,080.52	15.47	70.839	
3,100.00	3,057.90	2,905.90	2,871.38	8.68	8.02	-47.62	108.78	1,442.21	1,100.77	1,084.95	15.82	69.601	
3,200.00	3,156.25	3,004.98	2,969.02	8.89	8.19	-48.27	113.28	1,458.41	1,105.69	1,089.51	16.18	68.334	
3,300.00	3,254.60	3,104.06	3,066.66	9.10	8.37	-48.91	117.77	1,474.61	1,110.75	1,094.19	16.57	67.051	
3,400.00	3,352.95	3,203.14	3,164.31	9.32	8.56	-49.55	122.27	1,490.81	1,115.96	1,098.99	16.97	65.760	
3,500.00	3,451.30	3,302.22	3,261.95	9.56	8.76	-50.19	126.76	1,507.01	1,121.30	1,103.91	17.39	64.473	
3,600.00	3,549.65	3,401.30	3,359.60	9.79	8.97	-50.81	131.25	1,523.22	1,126.78	1,108.95	17.83	63.196	
3,700.00	3,648.00	3,500.39	3,457.24	10.04	9.18	-51.43	135.75	1,539.42	1,132.40	1,114.11	18.28	61.937	
3,800.00	3,746.36	3,599.47	3,554.88	10.29	9.40	-52.05	140.24	1,555.62	1,138.15	1,119.39	18.75	60.699	
3,900.00	3,844.71	3,698.55	3,652.53	10.55	9.63	-52.65	144.73	1,571.82	1,144.02	1,124.79	19.23	59.488	
4,000.00	3,943.06	3,802.37	3,750.17	10.81	9.88	-53.26	149.23	1,588.02	1,150.03	1,130.30	19.73	58.275	
4,100.00	4,041.41	3,903.29	3,847.82	11.08	10.12	-53.85	153.72	1,604.22	1,156.17	1,135.92	20.24	57.114	
4,200.00	4,139.76	4,004.21	3,945.46	11.35	10.37	-54.44	158.22	1,620.43	1,162.43	1,141.67	20.76	55.986	
4,300.00	4,238.11	4,105.13	4,043.11	11.63	10.63	-55.02	162.71	1,636.63	1,168.81	1,147.52	21.29	54.894	
4,400.00	4,336.46	4,206.05	4,140.75	11.91	10.88	-55.60	167.20	1,652.83	1,175.32	1,153.48	21.83	53.837	
4,500.00	4,434.81	4,306.96	4,238.39	12.20	11.15	-56.17	171.70	1,669.03	1,181.94	1,159.56	22.38	52.816	
4,600.00	4,533.16	4,407.88	4,336.04	12.48	11.42	-56.74	176.19	1,685.23	1,188.68	1,165.74	22.93	51.830	
4,700.00	4,631.51	4,508.80	4,433.68	12.78	11.69	-57.29	180.69	1,701.43	1,195.53	1,172.04	23.50	50.880	
4,800.00	4,729.86	4,609.72	4,531.33	13.07	11.96	-57.84	185.18	1,717.64	1,202.50	1,178.44	24.07	49.964	
4,900.00	4,828.21	4,689.36	4,628.97	13.37	12.18	-58.39	189.67	1,733.84	1,209.58	1,184.99	24.59	49.192	
5,000.00	4,926.57	4,788.44	4,726.62	13.67	12.46	-58.93	194.17	1,750.04	1,216.77	1,191.60	25.17	48.350	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,887.52	4,824.26	13.97	12.73	-59.46	198.66	1,766.24	1,224.07	1,198.32	25.75	47.538		
5,200.00	5,123.27	4,986.60	4,921.90	14.28	13.02	-59.99	203.16	1,782.44	1,231.47	1,205.13	26.34	46.757		
5,300.00	5,221.62	5,085.69	5,019.55	14.59	13.30	-60.51	207.65	1,798.65	1,238.97	1,212.04	26.93	46.006		
5,400.00	5,319.97	5,184.77	5,117.19	14.90	13.58	-61.02	212.14	1,814.85	1,246.58	1,219.05	27.53	45.283		
5,500.00	5,418.32	5,283.85	5,214.84	15.21	13.87	-61.53	216.64	1,831.05	1,254.28	1,226.15	28.13	44.588		
5,600.00	5,516.67	5,382.93	5,312.48	15.52	14.16	-62.03	221.13	1,847.25	1,262.09	1,233.35	28.74	43.919		
5,700.00	5,615.02	5,482.01	5,410.13	15.84	14.45	-62.53	225.62	1,863.45	1,269.99	1,240.64	29.35	43.275		
5,800.00	5,713.37	5,581.09	5,507.77	16.15	14.75	-63.01	230.12	1,879.65	1,277.98	1,248.02	29.96	42.655		
5,900.00	5,811.72	5,680.17	5,605.41	16.47	15.04	-63.50	234.61	1,895.86	1,286.07	1,255.49	30.58	42.059		
6,000.00	5,910.07	5,779.25	5,703.06	16.79	15.34	-63.98	239.11	1,912.06	1,294.24	1,263.04	31.20	41.484		
6,100.00	6,008.42	5,878.34	5,800.70	17.11	15.63	-64.45	243.60	1,928.26	1,302.51	1,270.69	31.82	40.932		
6,200.00	6,106.78	5,977.42	5,898.35	17.43	15.93	-64.91	248.09	1,944.46	1,310.86	1,278.42	32.45	40.399		
6,300.00	6,205.13	6,074.24	6,175.79	17.76	22.78	-131.30	297.90	878.30	1,273.58	1,239.60	33.98	37.480		
6,400.00	6,303.48	6,155.51	6,176.39	18.08	22.60	-130.18	298.06	897.02	1,206.96	1,172.23	34.73	34.751		
6,500.00	6,401.83	6,136.78	6,176.99	18.41	22.41	-129.04	298.22	915.73	1,144.89	1,109.34	35.55	32.205		
6,600.00	6,500.18	6,118.06	6,177.58	18.73	22.23	-127.91	298.37	934.45	1,088.17	1,051.74	36.43	29.871		
6,700.00	6,598.49	6,100.88	6,178.18	19.06	22.07	-123.90	298.53	953.38	1,037.68	1,000.32	37.36	27.774		
6,800.00	6,694.58	6,070.27	6,179.10	19.45	21.79	-114.95	298.78	982.21	995.45	957.20	38.24	26.030		
6,900.00	6,785.47	6,026.82	6,180.48	19.92	21.41	-111.12	299.15	1,025.63	962.84	923.80	39.04	24.664		
7,000.00	6,868.90	7,969.84	7,182.29	20.48	20.93	-108.05	299.63	1,082.59	939.77	900.04	39.73	23.653		
7,100.00	6,942.84	7,900.72	7,184.49	21.13	20.39	-104.93	300.21	1,151.67	925.18	884.86	40.32	22.945		
7,200.00	7,005.45	7,821.17	7,187.02	21.87	19.85	-101.80	300.88	1,231.18	917.31	876.42	40.88	22.437		
7,300.00	7,055.21	7,733.15	7,189.82	22.70	19.34	-98.94	301.63	1,319.15	914.08	872.62	41.45	22.050		
7,400.00	7,090.87	7,631.46	7,192.20	23.61	18.86	-96.55	302.45	1,420.79	913.41	871.31	42.09	21.700		
7,500.00	7,111.57	7,513.11	7,178.90	24.59	18.45	-94.13	302.68	1,538.22	912.13	869.24	42.89	21.267		
7,600.00	7,116.95	7,402.84	7,147.19	25.62	18.19	-91.91	302.00	1,643.69	909.67	865.87	43.80	20.771		
7,700.00	7,116.60	7,304.42	7,103.90	26.71	18.07	-89.20	300.68	1,731.97	907.29	862.52	44.77	20.267		
7,753.16	7,116.42	7,258.22	7,079.01	27.31	18.04	-87.64	299.83	1,770.86	906.84	861.57	45.28	20.029 CC, ES		
7,800.00	7,116.25	7,221.00	7,056.94	27.85	18.03	-86.25	299.05	1,800.82	907.26	861.57	45.69	19.856		
7,900.00	7,115.90	7,151.65	7,011.33	29.06	18.03	-83.38	297.37	1,852.98	911.60	865.11	46.49	19.610		
8,000.00	7,115.55	7,094.37	6,969.55	30.31	18.04	-80.77	295.78	1,892.12	921.84	874.74	47.10	19.572 SF		
8,100.00	7,115.21	7,050.00	6,934.88	31.60	18.05	-78.63	294.42	1,919.76	939.02	891.50	47.51	19.763		
8,200.00	7,114.86	7,007.51	6,899.96	32.92	18.06	-76.49	293.02	1,943.90	963.60	915.87	47.73	20.190		
8,300.00	7,114.51	6,974.39	6,871.66	34.28	18.06	-74.78	291.87	1,961.07	995.67	947.91	47.76	20.845		
8,400.00	7,114.16	6,950.00	6,850.28	35.66	18.06	-73.50	290.99	1,972.76	1,034.98	987.31	47.67	21.712		
8,500.00	7,113.81	6,922.35	6,825.52	37.07	18.06	-72.04	289.97	1,985.01	1,080.99	1,033.56	47.44	22.788		
8,600.00	7,113.46	6,900.00	6,805.12	38.51	18.06	-70.85	289.12	1,994.12	1,133.15	1,086.02	47.14	24.040		
8,700.00	7,113.11	6,883.70	6,790.05	39.96	18.06	-69.98	288.49	2,000.31	1,190.79	1,144.00	46.80	25.446		
8,800.00	7,112.76	6,867.95	6,775.35	41.42	18.06	-69.14	287.87	2,005.92	1,253.27	1,206.84	46.43	26.993		
8,900.00	7,112.41	6,850.00	6,758.43	42.91	18.05	-68.19	287.15	2,011.86	1,320.00	1,273.96	46.04	28.671		
9,000.00	7,112.06	6,850.00	6,758.43	44.40	18.05	-68.19	287.15	2,011.86	1,390.45	1,344.73	45.73	30.409		
9,100.00	7,111.71	6,830.69	6,740.05	45.91	18.05	-67.16	286.36	2,017.73	1,463.99	1,418.65	45.34	32.290		
9,200.00	7,111.37	6,820.78	6,730.55	47.43	18.04	-66.63	285.96	2,020.52	1,540.37	1,495.36	45.01	34.224		
9,300.00	7,111.02	6,800.00	6,710.50	48.96	18.03	-65.54	285.10	2,025.89	1,619.30	1,574.65	44.65	36.266		
9,400.00	7,110.67	6,800.00	6,710.50	50.50	18.03	-65.54	285.10	2,025.89	1,700.07	1,655.67	44.41	38.285		
9,500.00	7,110.32	6,800.00	6,710.50	52.05	18.03	-65.54	285.10	2,025.89	1,782.80	1,738.62	44.18	40.354		
9,600.00	7,109.97	6,800.00	6,710.50	53.60	18.03	-65.54	285.10	2,025.89	1,867.21	1,823.24	43.97	42.463		
9,700.00	7,109.62	6,800.00	6,710.50	55.17	18.03	-65.54	285.10	2,025.89	1,953.10	1,909.32	43.79	44.607		
9,800.00	7,109.27	6,777.70	6,688.79	56.73	18.02	-64.37	284.16	2,030.92	2,039.80	1,996.28	43.53	46.864		
9,900.00	7,108.92	6,772.43	6,683.64	58.31	18.01	-64.09	283.93	2,032.00	2,127.86	2,084.50	43.36	49.079		
10,000.00	7,108.57	6,750.00	6,661.61	59.89	18.00	-62.93	282.98	2,036.11	2,217.17	2,174.04	43.13	51.404		
10,100.00	7,108.22	6,750.00	6,661.61	61.47	18.00	-62.93	282.98	2,036.11	2,306.92	2,263.91	43.02	53.627		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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 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	7,107.87	6,750.00	6,661.61	63.06	18.00	-62.93	282.98	2,036.11	2,397.49	2,354.57	42.92	55.864	
10,300.00	7,107.52	6,750.00	6,661.61	64.66	18.00	-62.93	282.98	2,036.11	2,488.77	2,445.94	42.83	58.110	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	
0.00	0.00	0.00	0.00	3.28	3.28	90.14	-2.17	919.59	919.59				
100.00	100.00	100.00	100.00	3.28	3.28	90.14	-2.17	919.59	919.59	912.06	7.53	122.142	
200.00	200.00	200.00	200.00	3.31	3.31	90.14	-2.17	919.59	919.59	912.02	7.57	121.416	
300.00	299.98	289.40	289.40	3.35	3.34	-29.76	-2.32	919.81	918.36	910.71	7.65	120.019	
400.00	399.84	368.23	368.20	3.41	3.39	-29.84	-3.50	921.63	916.12	908.37	7.75	118.188	
500.00	499.45	447.11	446.95	3.50	3.44	-29.93	-5.88	925.26	913.16	905.27	7.88	115.817	
600.00	598.70	526.04	525.62	3.61	3.52	-30.05	-9.44	930.71	909.48	901.42	8.05	112.917	
700.00	697.47	605.04	604.14	3.77	3.60	-30.18	-14.20	937.97	905.08	896.82	8.26	109.520	
800.00	795.83	684.16	682.50	3.96	3.72	-30.27	-20.15	947.06	900.91	892.40	8.52	105.798	
900.00	894.18	763.40	760.66	4.19	3.85	-30.27	-27.29	957.98	898.98	890.17	8.80	102.106	
933.80	927.42	790.19	787.00	4.27	3.91	-30.25	-29.97	962.08	898.85	889.94	8.91	100.881	
1,000.00	992.53	848.98	844.65	4.44	4.03	-30.19	-36.24	971.66	899.25	890.10	9.15	98.307	
1,100.00	1,090.88	948.96	942.67	4.71	4.27	-30.07	-47.03	988.15	900.07	890.50	9.57	94.028	
1,200.00	1,189.23	1,048.94	1,040.69	5.00	4.54	-29.96	-57.83	1,004.65	900.90	890.87	10.03	89.799	
1,300.00	1,287.58	1,148.92	1,138.71	5.31	4.83	-29.84	-68.62	1,021.14	901.74	891.22	10.52	85.694	
1,400.00	1,385.94	1,248.90	1,236.73	5.62	5.14	-29.73	-79.41	1,037.63	902.58	891.54	11.04	81.763	
1,500.00	1,484.29	1,348.88	1,334.74	5.95	5.46	-29.62	-90.20	1,054.13	903.42	891.84	11.58	78.035	
1,600.00	1,582.64	1,448.86	1,432.76	6.29	5.80	-29.50	-100.99	1,070.62	904.27	892.13	12.13	74.541	
1,700.00	1,680.99	1,548.84	1,530.78	6.63	6.15	-29.39	-111.79	1,087.11	905.11	892.41	12.70	71.252	
1,800.00	1,779.34	1,648.82	1,628.80	6.98	6.51	-29.27	-122.58	1,103.61	905.97	892.68	13.29	68.180	
1,900.00	1,877.69	1,748.80	1,728.82	7.18	6.87	-29.16	-133.37	1,120.10	906.82	893.29	13.53	67.013	
2,000.00	1,976.04	1,848.78	1,824.83	7.22	7.16	-29.05	-144.16	1,136.59	907.68	894.07	13.62	66.664	
2,100.00	2,074.39	1,948.76	1,922.85	7.28	7.29	-28.93	-154.96	1,153.09	908.55	894.80	13.75	66.086	
2,200.00	2,172.74	2,048.74	2,020.87	7.35	7.34	-28.82	-165.75	1,169.58	909.41	895.58	13.84	65.730	
2,300.00	2,271.09	2,148.72	2,118.89	7.45	7.42	-28.71	-176.54	1,186.08	910.28	896.33	13.96	65.225	
2,400.00	2,369.44	2,248.70	2,216.91	7.55	7.51	-28.59	-187.33	1,202.57	911.16	897.05	14.11	64.580	
2,500.00	2,467.79	2,348.68	2,314.92	7.68	7.61	-28.48	-198.12	1,219.06	912.04	897.74	14.29	63.810	
2,600.00	2,566.15	2,448.66	2,412.94	7.81	7.74	-28.37	-208.92	1,235.56	912.92	898.41	14.51	62.931	
2,700.00	2,664.50	2,548.64	2,510.96	7.96	7.87	-28.26	-219.71	1,252.05	913.80	899.05	14.75	61.957	
2,800.00	2,762.85	2,648.62	2,608.98	8.12	8.03	-28.15	-230.50	1,268.54	914.69	899.67	15.02	60.905	
2,900.00	2,861.20	2,748.60	2,707.00	8.30	8.19	-28.04	-241.29	1,285.04	915.58	900.27	15.31	59.791	
3,000.00	2,959.55	2,848.58	2,805.01	8.48	8.37	-27.92	-252.08	1,301.53	916.48	900.85	15.63	58.630	
3,100.00	3,057.90	2,948.56	2,903.03	8.68	8.56	-27.81	-262.88	1,318.02	917.38	901.40	15.97	57.434	
3,200.00	3,156.25	3,048.54	3,001.05	8.89	8.76	-27.70	-273.67	1,334.52	918.28	901.94	16.33	56.217	
3,300.00	3,254.60	3,148.52	3,099.07	9.10	8.98	-27.59	-284.46	1,351.01	919.18	902.47	16.72	54.988	
3,400.00	3,352.95	3,248.50	3,197.09	9.32	9.20	-27.48	-295.25	1,367.50	920.09	902.98	17.12	53.757	
3,500.00	3,451.30	3,348.48	3,295.10	9.56	9.43	-27.37	-306.05	1,384.00	921.00	903.47	17.53	52.533	
3,600.00	3,549.65	3,448.46	3,393.12	9.79	9.67	-27.26	-316.84	1,400.49	921.92	903.95	17.96	51.321	
3,700.00	3,648.00	3,548.44	3,491.14	10.04	9.92	-27.15	-327.63	1,416.98	922.84	904.43	18.41	50.127	
3,800.00	3,746.36	3,648.42	3,589.16	10.29	10.17	-27.04	-338.42	1,433.48	923.76	904.89	18.87	48.955	
3,900.00	3,844.71	3,748.40	3,687.18	10.55	10.44	-26.93	-349.21	1,449.97	924.69	905.34	19.34	47.808	
4,000.00	3,943.06	3,848.38	3,785.20	10.81	10.70	-26.82	-360.01	1,466.46	925.61	905.79	19.82	46.690	
4,100.00	4,041.41	3,948.36	3,883.21	11.08	10.98	-26.71	-370.80	1,482.96	926.55	906.23	20.32	45.601	
4,200.00	4,139.76	4,048.34	3,981.23	11.35	11.26	-26.61	-381.59	1,499.45	927.48	906.66	20.82	44.544	
4,300.00	4,238.11	4,148.32	4,079.25	11.63	11.54	-26.50	-392.38	1,515.94	928.42	907.09	21.33	43.518	
4,400.00	4,336.46	4,248.30	4,177.27	11.91	11.83	-26.39	-403.17	1,532.44	929.36	907.51	21.85	42.525	
4,500.00	4,434.81	4,348.28	4,275.29	12.20	12.12	-26.28	-413.97	1,548.93	930.31	907.93	22.38	41.563	
4,600.00	4,533.16	4,448.26	4,373.30	12.48	12.42	-26.17	-424.76	1,565.42	931.26	908.34	22.92	40.634	
4,700.00	4,631.51	4,548.24	4,471.32	12.78	12.72	-26.07	-435.55	1,581.92	932.21	908.75	23.46	39.736	
4,800.00	4,729.86	4,648.22	4,569.34	13.07	13.02	-25.96	-446.34	1,598.41	933.17	909.16	24.01	38.868	
4,900.00	4,828.21	4,748.20	4,667.36	13.37	13.33	-25.85	-457.14	1,614.90	934.13	909.56	24.56	38.031	
5,000.00	4,926.57	4,848.18	4,765.38	13.67	13.64	-25.74	-467.93	1,631.40	935.09	909.97	25.12	37.223	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,948.16	4,863.39	13.97	13.95	-25.64	-478.72	1,647.89	936.05	910.37	25.68	36.444		
5,200.00	5,123.27	5,048.14	4,961.41	14.28	14.27	-25.53	-489.51	1,664.39	937.02	910.77	26.25	35.692		
5,300.00	5,221.62	5,148.12	5,059.43	14.59	14.59	-25.43	-500.30	1,680.88	937.99	911.17	26.83	34.966		
5,400.00	5,319.97	5,248.10	5,157.45	14.90	14.91	-25.32	-511.10	1,697.37	938.97	911.57	27.40	34.266		
5,500.00	5,418.32	5,348.08	5,255.47	15.21	15.23	-25.21	-521.89	1,713.87	939.95	911.96	27.98	33.591		
5,600.00	5,516.67	5,448.06	5,353.48	15.52	15.55	-25.11	-532.68	1,730.36	940.93	912.36	28.57	32.939		
5,700.00	5,615.02	5,548.04	5,451.50	15.84	15.88	-25.00	-543.47	1,746.85	941.91	912.76	29.15	32.310		
5,800.00	5,713.37	5,648.02	5,549.52	16.15	16.21	-24.90	-554.26	1,763.35	942.90	913.16	29.74	31.702		
5,900.00	5,811.72	5,748.01	5,647.54	16.47	16.54	-24.79	-565.06	1,779.84	943.89	913.56	30.33	31.116		
6,000.00	5,910.07	5,847.99	5,745.56	16.79	16.87	-24.69	-575.85	1,796.33	944.88	913.95	30.93	30.549		
6,100.00	6,008.42	5,947.97	5,843.57	17.11	17.20	-24.58	-586.64	1,812.83	945.88	914.35	31.53	30.002		
6,200.00	6,106.78	6,047.95	5,941.59	17.43	17.54	-24.48	-597.43	1,829.32	946.88	914.75	32.13	29.473		
6,300.00	6,205.13	6,147.93	6,039.61	17.76	17.87	-24.38	-608.22	1,845.81	947.89	915.16	32.73	28.961		
6,400.00	6,303.48	6,247.91	6,137.63	18.08	18.21	-24.27	-619.02	1,862.31	948.89	915.56	33.33	28.467		
6,500.00	6,401.83	6,346.39	6,235.65	18.41	22.04	112.64	-755.20	919.87	921.50	891.37	30.13	30.580		
6,600.00	6,500.18	6,445.36	6,334.67	18.73	21.90	109.46	-755.13	938.62	924.34	793.99	30.34	27.166		
6,700.00	6,598.49	6,543.67	6,433.08	19.06	21.75	113.08	-755.05	957.59	927.50	696.92	30.58	23.794		
6,800.00	6,696.84	6,642.02	6,531.43	19.45	21.53	134.94	-754.97	986.45	933.57	602.79	30.78	20.582		
6,900.00	6,785.47	6,730.65	6,620.06	19.92	21.23	143.51	-754.78	1,029.91	945.76	514.78	30.98	17.618		
7,000.00	6,868.90	6,814.08	6,703.49	20.48	20.88	147.16	-754.56	1,086.90	946.37	435.16	31.21	14.945		
7,100.00	6,942.84	6,887.92	6,777.40	21.13	20.54	148.34	-754.29	1,156.01	937.46	365.92	31.53	12.604		
7,200.00	7,005.45	6,950.53	6,840.04	21.87	20.25	148.02	-753.99	1,235.54	934.73	308.71	32.02	10.642		
7,300.00	7,055.21	6,999.29	6,889.80	22.70	20.03	145.56	-753.22	1,349.71	925.79	263.80	32.00	9.245		
7,400.00	7,090.87	7,035.95	6,935.06	23.61	19.97	139.61	-749.55	1,486.28	924.73	217.59	32.14	7.771		
7,500.00	7,111.57	7,056.65	6,954.17	24.59	19.99	131.14	-743.91	1,596.52	920.19	169.27	33.91	5.991		
7,600.00	7,116.95	7,061.93	6,959.04	25.62	20.05	118.49	-737.23	1,684.98	916.14	123.68	37.47	4.301		
7,700.00	7,116.60	7,061.58	6,958.92	26.71	20.10	97.18	-730.57	1,751.03	912.44	85.15	43.29	2.967		
7,757.48	7,116.40	7,061.38	6,958.72	27.36	20.12	83.47	-727.07	1,779.79	912.64	75.31	46.33	2.626	CC, ES, SF	
7,800.00	7,116.25	7,061.23	6,958.57	27.85	20.13	73.89	-724.66	1,797.66	912.79	78.69	47.11	2.670		
7,900.00	7,115.90	7,184.66	7,038.92	29.06	20.15	55.77	-719.60	1,830.70	915.02	120.25	44.77	3.686		
8,000.00	7,115.55	7,140.77	7,002.27	30.31	20.16	43.87	-715.35	1,854.48	920.18	188.17	42.01	5.479		
8,100.00	7,115.21	7,105.04	6,971.30	31.60	20.17	36.20	-711.77	1,871.92	930.61	267.15	40.46	7.603		
8,200.00	7,114.86	7,075.57	6,945.06	32.92	20.16	31.07	-708.75	1,884.96	931.44	351.77	39.67	9.869		
8,300.00	7,114.51	7,050.00	6,921.82	34.28	20.16	27.34	-706.09	1,895.29	947.08	439.85	39.23	12.211		
8,400.00	7,114.16	7,030.12	6,903.47	35.66	20.16	24.83	-703.99	1,902.65	959.25	530.21	39.04	14.582		
8,500.00	7,113.81	7,012.32	6,886.86	37.07	20.15	22.83	-702.10	1,908.76	961.19	622.26	38.93	16.984		
8,600.00	7,113.46	7,000.00	6,875.27	38.51	20.15	21.57	-700.78	1,912.71	974.47	715.54	38.93	19.381		
8,700.00	7,113.11	6,983.54	6,859.67	39.96	20.14	20.03	-699.00	1,917.64	984.72	809.85	38.87	21.832		
8,800.00	7,112.76	6,971.78	6,848.43	41.42	20.13	19.01	-697.73	1,920.91	993.78	904.89	38.89	24.269		
8,900.00	7,112.41	6,950.00	6,827.50	42.91	20.12	17.30	-695.36	1,926.41	1,039.64	1,000.84	38.80	26.795		
9,000.00	7,112.06	6,950.00	6,827.50	44.40	20.12	17.30	-695.36	1,926.41	1,135.70	1,096.76	38.94	29.166		
9,100.00	7,111.71	6,950.00	6,827.50	45.91	20.12	17.30	-695.36	1,926.41	1,232.39	1,193.33	39.06	31.550		
9,200.00	7,111.37	6,950.00	6,827.50	47.43	20.12	17.30	-695.36	1,926.41	1,329.56	1,290.39	39.17	33.941		
9,300.00	7,111.02	6,929.53	6,807.66	48.96	20.10	15.86	-693.12	1,930.93	1,426.65	1,387.54	39.11	36.476		
9,400.00	7,110.67	6,923.37	6,801.66	50.50	20.09	15.46	-692.44	1,932.16	1,524.22	1,485.05	39.17	38.911		
9,500.00	7,110.32	6,917.75	6,796.18	52.05	20.09	15.11	-691.82	1,933.23	1,622.02	1,582.78	39.23	41.342		
9,600.00	7,109.97	6,900.00	6,778.81	53.60	20.07	14.05	-689.86	1,936.30	1,720.17	1,680.96	39.21	43.867		
9,700.00	7,109.62	6,900.00	6,778.81	55.17	20.07	14.05	-689.86	1,936.30	1,818.22	1,778.91	39.32	46.247		
9,800.00	7,109.27	6,900.00	6,778.81	56.73	20.07	14.05	-689.86	1,936.30	1,916.48	1,877.06	39.41	48.625		
9,900.00	7,108.92	6,900.00	6,778.81	58.31	20.07	14.05	-689.86	1,936.30	2,014.90	1,975.39	39.51	50.997		
10,000.00	7,108.57	6,900.00	6,778.81	59.89	20.07	14.05	-689.86	1,936.30	2,113.47	2,073.87	39.60	53.364		
10,100.00	7,108.22	6,900.00	6,778.81	61.47	20.07	14.05	-689.86	1,936.30	2,212.17	2,172.48	39.70	55.725		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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
10,200.00	7,107.87	6,900.00	6,778.81	63.06	20.07	14.05	-689.86	1,936.30	2,310.99	2,271.20	39.79	58.079	
10,300.00	7,107.52	6,900.00	6,778.81	64.66	20.07	14.05	-689.86	1,936.30	2,409.90	2,370.01	39.88	60.425	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.13	-2.17	939.63	939.63				
100.00	100.00	100.00	100.00	3.28	3.28	90.13	-2.17	939.63	939.63	932.11	7.53	124.804	
200.00	200.00	200.00	200.00	3.31	3.31	90.13	-2.17	939.63	939.63	932.06	7.57	124.062	
300.00	299.98	277.10	277.09	3.35	3.34	-29.73	-2.61	940.57	939.34	931.69	7.64	122.896	
400.00	399.84	354.20	354.13	3.41	3.38	-29.79	-3.93	943.39	938.45	930.71	7.74	121.255	
500.00	499.45	431.33	431.08	3.50	3.43	-29.87	-6.14	948.08	936.97	929.10	7.87	119.090	
600.00	598.70	508.50	507.90	3.61	3.51	-29.99	-9.23	954.65	934.90	926.87	8.03	116.396	
700.00	697.47	585.70	584.54	3.77	3.60	-30.14	-13.21	963.09	932.25	924.01	8.24	113.187	
800.00	795.83	662.99	660.98	3.96	3.71	-30.28	-18.06	973.41	929.96	921.48	8.48	109.651	
847.57	842.61	700.00	697.47	4.07	3.77	-30.32	-20.70	979.01	929.69	921.08	8.61	107.975	
900.00	894.18	740.46	737.26	4.19	3.84	-30.35	-23.81	985.62	930.04	921.28	8.76	106.155	
1,000.00	992.53	840.45	835.47	4.44	4.06	-30.41	-31.78	1,002.58	931.33	922.18	9.14	101.858	
1,100.00	1,090.88	940.43	933.69	4.71	4.30	-30.48	-39.76	1,019.53	932.62	923.05	9.56	97.515	
1,200.00	1,189.23	1,040.42	1,031.91	5.00	4.56	-30.54	-47.74	1,036.48	933.91	923.89	10.02	93.222	
1,300.00	1,287.58	1,140.41	1,130.12	5.31	4.85	-30.60	-55.71	1,053.44	935.20	924.70	10.50	89.055	
1,400.00	1,385.94	1,240.39	1,228.34	5.62	5.15	-30.66	-63.69	1,070.39	936.49	925.48	11.01	85.059	
1,500.00	1,484.29	1,340.38	1,326.55	5.95	5.47	-30.72	-71.67	1,087.34	937.79	926.25	11.54	81.280	
1,600.00	1,582.64	1,440.37	1,424.77	6.29	5.79	-30.78	-79.64	1,104.29	939.08	927.00	12.09	77.701	
1,700.00	1,680.99	1,540.35	1,522.98	6.63	6.13	-30.84	-87.62	1,121.25	940.38	927.73	12.65	74.340	
1,800.00	1,779.34	1,640.34	1,621.20	6.98	6.48	-30.90	-95.60	1,138.20	941.67	928.45	13.23	71.192	
1,900.00	1,877.69	1,740.33	1,719.41	7.18	6.83	-30.96	-103.57	1,155.15	942.97	929.51	13.46	70.041	
2,000.00	1,976.04	1,840.31	1,817.63	7.22	7.13	-31.02	-111.55	1,172.11	944.27	930.72	13.55	69.669	
2,100.00	2,074.39	1,940.30	1,915.85	7.28	7.26	-31.08	-119.53	1,189.06	945.57	931.87	13.70	69.034	
2,200.00	2,172.74	2,040.29	2,014.06	7.35	7.31	-31.14	-127.50	1,206.01	946.87	933.09	13.79	68.682	
2,300.00	2,271.09	2,140.27	2,112.28	7.45	7.38	-31.20	-135.48	1,222.96	948.18	934.27	13.91	68.173	
2,400.00	2,369.44	2,240.26	2,210.49	7.55	7.47	-31.26	-143.46	1,239.92	949.48	935.42	14.06	67.520	
2,500.00	2,467.79	2,340.25	2,308.71	7.68	7.57	-31.32	-151.43	1,256.87	950.78	936.54	14.25	66.735	
2,600.00	2,566.15	2,440.23	2,406.92	7.81	7.68	-31.38	-159.41	1,273.82	952.09	937.63	14.46	65.836	
2,700.00	2,664.50	2,540.22	2,505.14	7.96	7.81	-31.44	-167.39	1,290.78	953.39	938.69	14.70	64.837	
2,800.00	2,762.85	2,640.20	2,603.36	8.12	7.96	-31.50	-175.36	1,307.73	954.70	939.73	14.97	63.756	
2,900.00	2,861.20	2,740.19	2,701.57	8.30	8.12	-31.56	-183.34	1,324.68	956.01	940.74	15.27	62.608	
3,000.00	2,959.55	2,840.18	2,799.79	8.48	8.29	-31.62	-191.32	1,341.63	957.32	941.73	15.59	61.409	
3,100.00	3,057.90	2,940.16	2,898.00	8.68	8.47	-31.68	-199.29	1,358.59	958.63	942.70	15.93	60.173	
3,200.00	3,156.25	3,040.15	2,996.22	8.89	8.66	-31.73	-207.27	1,375.54	959.94	943.65	16.29	58.913	
3,300.00	3,254.60	3,140.14	3,094.43	9.10	8.86	-31.79	-215.25	1,392.49	961.25	944.58	16.68	57.639	
3,400.00	3,352.95	3,240.12	3,192.65	9.32	9.08	-31.85	-223.22	1,409.44	962.57	945.49	17.08	56.362	
3,500.00	3,451.30	3,340.11	3,290.86	9.56	9.30	-31.91	-231.20	1,426.40	963.88	946.38	17.50	55.090	
3,600.00	3,549.65	3,440.10	3,389.08	9.79	9.53	-31.97	-239.18	1,443.35	965.20	947.27	17.93	53.830	
3,700.00	3,648.00	3,540.08	3,487.30	10.04	9.77	-32.02	-247.15	1,460.30	966.51	948.13	18.38	52.587	
3,800.00	3,746.36	3,640.07	3,585.51	10.29	10.01	-32.08	-255.13	1,477.26	967.83	948.99	18.84	51.366	
3,900.00	3,844.71	3,740.06	3,683.73	10.55	10.26	-32.14	-263.11	1,494.21	969.15	949.83	19.32	50.171	
4,000.00	3,943.06	3,840.04	3,781.94	10.81	10.52	-32.20	-271.08	1,511.16	970.47	950.66	19.80	49.005	
4,100.00	4,041.41	3,940.03	3,880.16	11.08	10.78	-32.25	-279.06	1,528.11	971.79	951.49	20.30	47.868	
4,200.00	4,139.76	4,040.02	3,978.37	11.35	11.05	-32.31	-287.04	1,545.07	973.11	952.30	20.81	46.764	
4,300.00	4,238.11	4,140.00	4,076.59	11.63	11.33	-32.37	-295.01	1,562.02	974.43	953.10	21.33	45.692	
4,400.00	4,336.46	4,239.99	4,174.80	11.91	11.60	-32.42	-302.99	1,578.97	975.75	953.90	21.85	44.653	
4,500.00	4,434.81	4,339.98	4,273.02	12.20	11.89	-32.48	-310.97	1,595.93	977.08	954.69	22.39	43.647	
4,600.00	4,533.16	4,439.96	4,371.24	12.48	12.17	-32.53	-318.94	1,612.88	978.40	955.48	22.93	42.674	
4,700.00	4,631.51	4,539.95	4,469.45	12.78	12.46	-32.59	-326.92	1,629.83	979.73	956.25	23.48	41.734	
4,800.00	4,729.86	4,639.94	4,567.67	13.07	12.76	-32.65	-334.90	1,646.78	981.06	957.03	24.03	40.826	
4,900.00	4,828.21	4,739.92	4,665.88	13.37	13.05	-32.70	-342.87	1,663.74	982.38	957.79	24.59	39.949	
5,000.00	4,926.57	4,839.91	4,764.10	13.67	13.35	-32.76	-350.85	1,680.69	983.71	958.55	25.16	39.102	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,939.90	4,862.31	13.97	13.66	-32.81	-358.83	1,697.64	985.04	959.31	25.73	38.284		
5,200.00	5,123.27	5,039.88	4,960.53	14.28	13.96	-32.87	-366.80	1,714.60	986.37	960.07	26.31	37.495		
5,300.00	5,221.62	5,139.87	5,058.75	14.59	14.27	-32.92	-374.78	1,731.55	987.70	960.82	26.89	36.734		
5,400.00	5,319.97	5,239.86	5,156.96	14.90	14.58	-32.98	-382.76	1,748.50	989.04	961.56	27.47	35.999		
5,500.00	5,418.32	5,339.84	5,255.18	15.21	14.89	-33.03	-390.73	1,765.45	990.37	962.31	28.06	35.290		
5,600.00	5,516.67	5,439.83	5,353.39	15.52	15.21	-33.09	-398.71	1,782.41	991.70	963.05	28.66	34.606		
5,700.00	5,615.02	5,539.82	5,451.61	15.84	15.52	-33.14	-406.68	1,799.36	993.04	963.78	29.25	33.945		
5,800.00	5,713.37	5,639.80	5,549.82	16.15	15.84	-33.20	-414.66	1,816.31	994.37	964.52	29.86	33.307		
5,900.00	5,811.72	5,739.79	5,648.04	16.47	16.16	-33.25	-422.64	1,833.26	995.71	965.25	30.46	32.690		
6,000.00	5,910.07	5,839.78	5,746.25	16.79	16.48	-33.30	-430.61	1,850.22	997.05	965.98	31.07	32.095		
6,100.00	6,008.42	5,939.76	5,844.47	17.11	16.81	-33.36	-438.59	1,867.17	998.39	966.71	31.68	31.519		
6,200.00	6,106.78	6,039.75	5,942.69	17.43	17.13	-33.41	-446.57	1,884.12	999.73	967.44	32.29	30.963		
6,300.00	6,205.13	6,027.86	7,105.90	17.76	21.90	169.62	-548.52	892.56	901.37	872.06	29.30	30.759		
6,400.00	6,303.48	6,009.63	7,106.37	18.08	21.73	171.87	-548.45	910.78	803.29	773.82	29.47	27.258		
6,500.00	6,401.83	7,991.40	7,106.85	18.41	21.58	174.64	-548.37	929.00	705.28	675.63	29.65	23.783		
6,600.00	6,500.18	7,973.17	7,107.33	18.73	21.43	178.13	-548.30	947.22	607.38	577.53	29.85	20.346		
6,700.00	6,598.49	7,954.73	7,107.82	19.06	21.28	-177.06	-548.22	965.66	509.68	479.61	30.07	16.949		
6,800.00	6,694.58	7,926.38	7,108.56	19.45	21.05	-173.14	-548.11	994.00	414.73	384.46	30.26	13.703		
6,900.00	6,785.47	7,883.39	7,109.69	19.92	20.72	-170.26	-547.93	1,036.98	325.80	295.34	30.45	10.698		
7,000.00	6,868.90	7,826.82	7,111.18	20.48	20.33	-166.58	-547.70	1,093.52	245.40	214.65	30.75	7.980		
7,100.00	6,942.84	7,758.07	7,112.99	21.13	19.92	-160.95	-547.41	1,162.25	176.14	144.73	31.41	5.608		
7,200.00	7,005.45	7,678.83	7,115.07	21.87	19.53	-151.59	-547.09	1,241.47	120.97	87.95	33.02	3.663		
7,300.00	7,055.21	7,589.64	7,117.22	22.70	19.21	-135.78	-546.71	1,330.63	83.36	46.87	36.49	2.284		
7,400.00	7,090.87	7,493.78	7,110.21	23.61	19.01	-107.13	-545.53	1,426.13	62.86	21.19	41.67	1.508		
7,432.96	7,099.38	7,463.53	7,105.04	23.93	18.96	-95.45	-544.92	1,455.92	61.31	18.96	42.35	1.448	Level 3, CC, ES, SF	
7,500.00	7,111.57	7,403.76	7,090.70	24.59	18.90	-72.84	-543.37	1,513.90	67.29	26.94	40.35	1.668		
7,600.00	7,116.95	7,318.45	7,060.99	25.62	18.85	-49.91	-540.43	1,593.76	91.32	56.13	35.19	2.595		
7,700.00	7,116.60	7,240.81	7,024.92	26.71	18.85	-37.18	-537.03	1,662.37	129.47	97.53	31.94	4.054		
7,800.00	7,116.25	7,173.09	6,986.87	27.85	18.87	-29.34	-533.54	1,718.24	180.89	150.18	30.71	5.890		
7,900.00	7,115.90	7,114.75	6,949.50	29.06	18.90	-24.50	-530.19	1,762.89	242.15	211.53	30.61	7.910		
8,000.00	7,115.55	7,064.78	6,914.36	30.31	18.92	-21.38	-527.08	1,798.27	310.72	279.76	30.96	10.035		
8,100.00	7,115.21	7,021.98	6,882.15	31.60	18.94	-19.25	-524.25	1,826.29	384.87	353.41	31.46	12.233		
8,200.00	7,114.86	6,985.23	6,853.04	32.92	18.95	-17.74	-521.71	1,848.57	463.33	431.35	31.98	14.489		
8,300.00	7,114.51	6,950.00	6,823.98	34.28	18.97	-16.52	-519.20	1,868.31	545.19	512.78	32.42	16.819		
8,400.00	7,114.16	6,926.04	6,803.61	35.66	18.97	-15.78	-517.44	1,880.80	629.70	596.79	32.91	19.135		
8,500.00	7,113.81	6,900.00	6,780.96	37.07	18.98	-15.07	-515.50	1,893.50	716.39	683.11	33.28	21.525		
8,600.00	7,113.46	6,881.00	6,764.12	38.51	18.98	-14.59	-514.06	1,902.17	804.83	771.17	33.66	23.913		
8,700.00	7,113.11	6,850.00	6,736.10	39.96	18.98	-13.89	-511.67	1,915.22	894.93	861.07	33.86	26.430		
8,800.00	7,112.76	6,850.00	6,736.10	41.42	18.98	-13.89	-511.67	1,915.22	985.83	951.54	34.29	28.749		
8,900.00	7,112.41	6,831.17	6,718.78	42.91	18.98	-13.51	-510.20	1,922.48	1,077.91	1,043.40	34.51	31.232		
9,000.00	7,112.06	6,817.94	6,706.50	44.40	18.98	-13.25	-509.16	1,927.26	1,170.85	1,136.11	34.75	33.698		
9,100.00	7,111.71	6,800.00	6,689.68	45.91	18.97	-12.92	-507.74	1,933.34	1,264.56	1,229.64	34.92	36.211		
9,200.00	7,111.37	6,800.00	6,689.68	47.43	18.97	-12.92	-507.74	1,933.34	1,358.84	1,323.65	35.19	38.616		
9,300.00	7,111.02	6,800.00	6,689.68	48.96	18.97	-12.92	-507.74	1,933.34	1,453.87	1,418.45	35.43	41.038		
9,400.00	7,110.67	6,776.43	6,667.34	50.50	18.97	-12.53	-505.85	1,940.60	1,548.92	1,513.41	35.52	43.612		
9,500.00	7,110.32	6,768.22	6,659.49	52.05	18.96	-12.40	-505.19	1,942.94	1,644.61	1,608.94	35.68	46.094		
9,600.00	7,109.97	6,750.00	6,641.98	53.60	18.95	-12.12	-503.72	1,947.75	1,740.79	1,705.00	35.78	48.646		
9,700.00	7,109.62	6,750.00	6,641.98	55.17	18.95	-12.12	-503.72	1,947.75	1,837.04	1,801.08	35.97	51.075		
9,800.00	7,109.27	6,750.00	6,641.98	56.73	18.95	-12.12	-503.72	1,947.75	1,933.68	1,897.54	36.14	53.506		
9,900.00	7,108.92	6,750.00	6,641.98	58.31	18.95	-12.12	-503.72	1,947.75	2,030.65	1,994.34	36.30	55.936		
10,000.00	7,108.57	6,750.00	6,641.98	59.89	18.95	-12.12	-503.72	1,947.75	2,127.89	2,091.43	36.46	58.365		
10,100.00	7,108.22	6,730.57	6,623.17	61.47	18.94	-11.84	-502.14	1,952.33	2,225.00	2,188.47	36.53	60.912		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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-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	7,107.87	6,725.74	6,618.47	63.06	18.94	-11.78	-501.75	1,953.38	2,322.49	2,285.84	36.66	63.360	
10,300.00	7,107.52	6,721.22	6,614.06	64.66	18.94	-11.72	-501.38	1,954.33	2,420.15	2,383.37	36.78	65.800	

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.11	-1.81	899.54	899.54				
100.00	100.00	100.00	100.00	3.28	3.28	90.11	-1.81	899.54	899.54	892.01	7.53	119.479	
200.00	200.00	200.00	200.00	3.31	3.31	90.11	-1.81	899.54	899.54	891.97	7.57	118.769	
300.00	299.98	290.21	290.21	3.35	3.34	-29.78	-1.98	899.76	898.30	890.65	7.65	117.393	
400.00	399.84	370.67	370.63	3.41	3.39	-29.85	-3.41	901.51	895.93	888.18	7.75	115.563	
500.00	499.45	451.17	451.00	3.50	3.45	-29.92	-6.28	905.00	892.71	884.82	7.89	113.172	
600.00	598.70	531.71	531.26	3.61	3.52	-30.00	-10.57	910.25	888.64	880.58	8.06	110.233	
700.00	697.47	612.32	611.36	3.77	3.61	-30.09	-16.30	917.25	883.72	875.45	8.28	106.778	
800.00	795.83	693.03	691.27	3.96	3.73	-30.11	-23.46	926.00	878.90	870.37	8.53	102.993	
900.00	894.18	773.85	770.93	4.19	3.87	-30.02	-32.05	936.50	876.19	867.36	8.83	99.218	
973.72	966.68	833.42	829.40	4.37	4.00	-29.90	-39.30	945.36	875.59	866.52	9.07	96.484	
1,000.00	992.53	854.65	850.17	4.44	4.04	-29.84	-42.07	948.74	875.67	866.50	9.17	95.531	
1,100.00	1,090.88	948.51	941.79	4.71	4.28	-29.55	-54.97	964.50	876.84	867.26	9.58	91.511	
1,200.00	1,189.23	1,048.38	1,039.26	5.00	4.56	-29.23	-68.77	981.36	878.14	868.09	10.05	87.341	
1,300.00	1,287.58	1,148.26	1,136.73	5.31	4.87	-28.92	-82.57	998.22	879.48	868.92	10.56	83.296	
1,400.00	1,385.94	1,248.13	1,234.20	5.62	5.20	-28.60	-96.36	1,015.08	880.83	869.75	11.09	79.430	
1,500.00	1,484.29	1,348.01	1,331.67	5.95	5.55	-28.29	-110.16	1,031.94	882.22	870.58	11.64	75.775	
1,600.00	1,582.64	1,447.88	1,429.14	6.29	5.91	-27.98	-123.96	1,048.80	883.63	871.42	12.21	72.359	
1,700.00	1,680.99	1,547.75	1,526.61	6.63	6.29	-27.67	-137.76	1,065.66	885.07	872.27	12.80	69.154	
1,800.00	1,779.34	1,647.63	1,624.08	6.98	6.67	-27.36	-151.56	1,082.52	886.53	873.13	13.40	66.171	
1,900.00	1,877.69	1,747.50	1,721.54	7.18	7.07	-27.05	-165.36	1,099.38	888.02	874.36	13.66	65.029	
2,000.00	1,976.04	1,847.38	1,819.01	7.22	7.38	-26.74	-179.16	1,116.24	889.53	875.78	13.75	64.685	
2,100.00	2,074.39	1,947.25	1,916.48	7.28	7.52	-26.43	-192.96	1,133.10	891.07	877.19	13.89	64.168	
2,200.00	2,172.74	2,047.13	2,013.95	7.35	7.58	-26.13	-206.75	1,149.96	892.64	878.67	13.97	63.898	
2,300.00	2,271.09	2,147.00	2,111.42	7.45	7.66	-25.82	-220.55	1,166.82	894.23	880.15	14.09	63.479	
2,400.00	2,369.44	2,246.87	2,208.89	7.55	7.76	-25.52	-234.35	1,183.68	895.85	881.61	14.24	62.924	
2,500.00	2,467.79	2,346.75	2,306.36	7.68	7.88	-25.22	-248.15	1,200.54	897.49	883.07	14.42	62.246	
2,600.00	2,566.15	2,446.62	2,403.83	7.81	8.01	-24.92	-261.95	1,217.40	899.16	884.53	14.63	61.458	
2,700.00	2,664.50	2,546.50	2,501.30	7.96	8.16	-24.61	-275.75	1,234.26	900.85	885.98	14.87	60.577	
2,800.00	2,762.85	2,646.37	2,598.76	8.12	8.32	-24.32	-289.55	1,251.12	902.57	887.43	15.14	59.619	
2,900.00	2,861.20	2,746.24	2,696.23	8.30	8.50	-24.02	-303.35	1,267.98	904.31	888.87	15.43	58.597	
3,000.00	2,959.55	2,846.12	2,793.70	8.48	8.69	-23.72	-317.14	1,284.84	906.07	890.32	15.75	57.527	
3,100.00	3,057.90	2,945.99	2,891.17	8.68	8.90	-23.42	-330.94	1,301.70	907.86	891.77	16.09	56.422	
3,200.00	3,156.25	3,045.87	2,988.64	8.89	9.11	-23.13	-344.74	1,318.56	909.68	893.22	16.45	55.293	
3,300.00	3,254.60	3,145.74	3,086.11	9.10	9.34	-22.84	-358.54	1,335.42	911.51	894.68	16.83	54.152	
3,400.00	3,352.95	3,245.61	3,183.58	9.32	9.58	-22.54	-372.34	1,352.28	913.38	896.14	17.23	53.007	
3,500.00	3,451.30	3,345.49	3,281.05	9.56	9.83	-22.25	-386.14	1,369.14	915.26	897.61	17.65	51.866	
3,600.00	3,549.65	3,445.36	3,378.51	9.79	10.08	-21.96	-399.94	1,386.00	917.17	899.09	18.08	50.736	
3,700.00	3,648.00	3,545.24	3,475.98	10.04	10.34	-21.68	-413.74	1,402.86	919.10	900.58	18.52	49.621	
3,800.00	3,746.36	3,645.11	3,573.45	10.29	10.62	-21.39	-427.53	1,419.72	921.06	902.08	18.98	48.526	
3,900.00	3,844.71	3,744.98	3,670.92	10.55	10.89	-21.10	-441.33	1,436.58	923.04	903.59	19.45	47.455	
4,000.00	3,943.06	3,844.86	3,768.39	10.81	11.18	-20.82	-455.13	1,453.44	925.04	905.11	19.93	46.410	
4,100.00	4,041.41	3,944.73	3,865.86	11.08	11.47	-20.53	-468.93	1,470.30	927.06	906.64	20.42	45.392	
4,200.00	4,139.76	4,044.61	3,963.33	11.35	11.76	-20.25	-482.73	1,487.16	929.11	908.19	20.92	44.403	
4,300.00	4,238.11	4,144.48	4,060.80	11.63	12.07	-19.97	-496.53	1,504.02	931.18	909.75	21.43	43.444	
4,400.00	4,336.46	4,244.36	4,158.27	11.91	12.37	-19.69	-510.33	1,520.88	933.27	911.32	21.95	42.514	
4,500.00	4,434.81	4,344.23	4,255.73	12.20	12.68	-19.41	-524.13	1,537.74	935.39	912.91	22.48	41.615	
4,600.00	4,533.16	4,444.10	4,353.20	12.48	13.00	-19.13	-537.92	1,554.60	937.52	914.51	23.01	40.746	
4,700.00	4,631.51	4,543.98	4,450.67	12.78	13.31	-18.86	-551.72	1,571.46	939.68	916.13	23.55	39.907	
4,800.00	4,729.86	4,643.85	4,548.14	13.07	13.63	-18.58	-565.52	1,588.32	941.86	917.77	24.09	39.096	
4,900.00	4,828.21	4,743.73	4,645.61	13.37	13.96	-18.31	-579.32	1,605.18	944.06	919.42	24.64	38.314	
5,000.00	4,926.57	4,843.60	4,743.08	13.67	14.29	-18.04	-593.12	1,622.04	946.29	921.09	25.19	37.559	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	4,943.47	4,840.55	13.97	14.62	-17.76	-606.92	1,638.90	948.53	922.78	25.75	36.831	
5,200.00	5,123.27	5,043.35	4,938.02	14.28	14.95	-17.49	-620.72	1,655.76	950.80	924.48	26.32	36.129	
5,300.00	5,221.62	5,143.22	5,035.48	14.59	15.29	-17.23	-634.52	1,672.62	953.08	926.20	26.88	35.452	
5,400.00	5,319.97	5,243.10	5,132.95	14.90	15.62	-16.96	-648.31	1,689.48	955.39	927.94	27.45	34.799	
5,500.00	5,418.32	5,342.97	5,230.42	15.21	15.96	-16.69	-662.11	1,706.34	957.72	929.69	28.03	34.169	
5,600.00	5,516.67	5,442.84	5,327.89	15.52	16.31	-16.43	-675.91	1,723.20	960.07	931.46	28.61	33.562	
5,700.00	5,615.02	5,542.72	5,425.36	15.84	16.65	-16.17	-689.71	1,740.06	962.44	933.25	29.19	32.976	
5,800.00	5,713.37	5,642.59	5,522.83	16.15	17.00	-15.90	-703.51	1,756.92	964.83	935.06	29.77	32.410	
5,900.00	5,811.72	5,742.47	5,620.30	16.47	17.34	-15.64	-717.31	1,773.78	967.24	936.88	30.35	31.864	
6,000.00	5,910.07	5,842.34	5,717.77	16.79	17.69	-15.38	-731.11	1,790.64	969.66	938.72	30.94	31.337	
6,100.00	6,008.42	5,942.22	5,815.24	17.11	18.04	-15.12	-744.91	1,807.50	972.11	940.58	31.53	30.828	
6,200.00	6,106.78	6,042.09	5,912.70	17.43	18.40	-14.87	-758.70	1,824.36	974.58	942.46	32.13	30.337	
6,300.00	6,205.13	6,141.96	6,010.17	17.76	18.75	-14.61	-772.50	1,841.22	977.07	944.35	32.72	29.862	
6,400.00	6,303.48	6,103.45	7,178.62	18.08	22.29	86.88	-951.12	902.48	969.59	939.02	30.57	31.718	
6,500.00	6,401.83	8,077.34	7,179.32	18.41	22.09	84.28	-951.00	921.67	878.08	847.12	30.96	28.365	
6,600.00	6,500.18	8,058.13	7,180.02	18.73	21.94	81.56	-950.88	940.87	788.16	756.68	31.48	25.039	
6,700.00	6,598.49	8,038.71	7,180.73	19.06	21.80	84.74	-950.76	960.28	700.49	668.35	32.14	21.795	
6,800.00	6,694.58	8,009.40	7,181.80	19.45	21.60	104.15	-950.57	989.57	618.12	585.17	32.95	18.762	
6,900.00	6,785.47	7,965.51	7,183.40	19.92	21.33	112.16	-950.29	1,033.43	544.59	510.63	33.96	16.037	
7,000.00	6,868.90	7,908.12	7,185.50	20.48	21.03	114.92	-949.93	1,090.78	482.32	447.13	35.19	13.706	
7,100.00	6,942.84	7,838.65	7,189.04	21.13	20.79	114.58	-949.49	1,160.20	432.96	396.31	36.65	11.812	
7,200.00	7,005.45	7,758.80	7,190.95	21.87	20.63	112.35	-948.99	1,240.00	396.86	358.65	38.21	10.385	
7,300.00	7,055.21	7,646.27	7,189.59	22.70	20.59	107.19	-947.49	1,352.40	370.94	331.60	39.34	9.429	
7,400.00	7,090.87	7,533.22	7,169.19	23.61	20.63	100.40	-943.28	1,463.36	349.11	308.28	40.83	8.551	
7,500.00	7,111.57	7,432.15	7,134.74	24.59	20.70	93.11	-937.24	1,558.08	333.18	290.53	42.65	7.811	
7,600.00	7,116.95	7,340.06	7,090.80	25.62	20.76	85.38	-930.00	1,638.59	324.58	280.12	44.46	7.301	
7,649.19	7,116.78	7,298.98	7,067.57	26.15	20.79	81.25	-926.27	1,672.26	323.35	278.07	45.29	7.140 CC, ES	
7,700.00	7,116.60	7,260.30	7,043.77	26.71	20.82	77.01	-922.51	1,702.51	324.90	278.87	46.03	7.058 SF	
7,800.00	7,116.25	7,194.36	6,999.16	27.85	20.86	69.22	-915.54	1,750.53	338.52	291.54	46.98	7.206	
7,900.00	7,115.90	7,140.03	6,958.86	29.06	20.88	62.54	-909.34	1,786.41	367.79	320.66	47.14	7.803	
8,000.00	7,115.55	7,095.10	6,923.34	30.31	20.90	57.07	-903.93	1,813.37	411.92	365.20	46.72	8.817	
8,100.00	7,115.21	7,057.68	6,892.38	31.60	20.91	52.65	-899.25	1,833.85	468.34	422.29	46.05	10.171	
8,200.00	7,114.86	7,026.23	6,865.47	32.92	20.91	49.09	-895.20	1,849.61	534.22	488.86	45.35	11.779	
8,300.00	7,114.51	7,000.00	6,842.46	34.28	20.91	46.25	-891.76	1,861.71	607.14	562.40	44.75	13.568	
8,400.00	7,114.16	6,976.71	6,821.63	35.66	20.90	43.85	-888.65	1,871.65	685.31	641.08	44.22	15.496	
8,500.00	7,113.81	6,950.00	6,797.31	37.07	20.89	41.23	-885.04	1,882.09	767.47	723.77	43.70	17.562	
8,600.00	7,113.46	6,950.00	6,797.31	38.51	20.89	41.23	-885.04	1,882.09	852.63	809.02	43.61	19.549	
8,700.00	7,113.11	6,924.73	6,773.92	39.96	20.88	38.88	-881.58	1,891.00	939.91	896.70	43.21	21.753	
8,800.00	7,112.76	6,900.00	6,750.71	41.42	20.87	36.72	-878.16	1,898.82	1,029.31	986.45	42.86	24.014	
8,900.00	7,112.41	6,900.00	6,750.71	42.91	20.87	36.72	-878.16	1,898.82	1,119.85	1,077.02	42.83	26.144	
9,000.00	7,112.06	6,900.00	6,750.71	44.40	20.87	36.72	-878.16	1,898.82	1,211.88	1,169.08	42.80	28.312	
9,100.00	7,111.71	6,879.45	6,731.21	45.91	20.85	35.02	-875.29	1,904.61	1,304.60	1,262.01	42.59	30.633	
9,200.00	7,111.37	6,870.84	6,722.98	47.43	20.85	34.34	-874.08	1,906.85	1,398.27	1,355.77	42.51	32.896	
9,300.00	7,111.02	6,850.00	6,702.95	48.96	20.83	32.74	-871.15	1,911.80	1,492.81	1,450.47	42.33	35.263	
9,400.00	7,110.67	6,850.00	6,702.95	50.50	20.83	32.74	-871.15	1,911.80	1,587.59	1,545.24	42.35	37.488	
9,500.00	7,110.32	6,850.00	6,702.95	52.05	20.83	32.74	-871.15	1,911.80	1,682.97	1,640.60	42.37	39.723	
9,600.00	7,109.97	6,850.00	6,702.95	53.60	20.83	32.74	-871.15	1,911.80	1,778.86	1,736.47	42.39	41.964	
9,700.00	7,109.62	6,850.00	6,702.95	55.17	20.83	32.74	-871.15	1,911.80	1,875.18	1,832.76	42.41	44.210	
9,800.00	7,109.27	6,850.00	6,702.95	56.73	20.83	32.74	-871.15	1,911.80	1,971.86	1,929.42	42.44	46.459	
9,900.00	7,108.92	6,828.04	6,681.69	58.31	20.81	31.15	-868.05	1,916.30	2,068.37	2,026.04	42.33	48.862	
10,000.00	7,108.57	6,823.65	6,677.41	59.89	20.80	30.84	-867.42	1,917.11	2,165.43	2,123.09	42.34	51.141	
10,100.00	7,108.22	6,819.56	6,673.43	61.47	20.80	30.56	-866.84	1,917.83	2,262.72	2,220.36	42.36	53.415	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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						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	7,107.87	6,800.00	6,654.32	63.06	20.78	29.25	-864.06	1,920.96	2,360.45	2,318.16	42.29	55.814	
10,300.00	7,107.52	6,800.00	6,654.32	64.66	20.78	29.25	-864.06	1,920.96	2,458.00	2,415.66	42.34	58.049	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	90.00	0.00	19.77	19.77				
100.00	100.00	100.00	100.00	3.28	3.28	90.00	0.00	19.77	19.77	12.24	7.53	2.626	
200.00	200.00	200.00	200.00	3.31	3.31	90.00	0.00	19.77	19.77	12.19	7.57	2.610	
300.00	299.98	299.47	299.45	3.35	3.35	-29.20	-1.09	21.11	19.60	11.95	7.65	2.561	
400.00	399.84	398.93	398.77	3.41	3.41	-27.18	-4.35	25.13	19.13	11.36	7.76	2.463	
500.00	499.45	498.38	497.84	3.50	3.49	-23.58	-9.78	31.82	18.39	10.47	7.92	2.323	
600.00	598.70	597.83	596.55	3.61	3.61	-18.08	-17.37	41.18	17.49	9.39	8.10	2.158	
700.00	697.47	697.25	694.76	3.77	3.76	-10.26	-27.12	53.20	16.61	8.28	8.32	1.995	
726.29	723.35	723.39	720.48	3.82	3.81	-7.72	-30.04	56.79	16.50	8.11	8.39	1.967 CC	
800.00	795.83	803.03	792.76	3.96	3.97	-0.06	-38.71	67.48	16.55	7.94	8.60	1.923	
900.00	894.18	903.08	890.94	4.19	4.20	9.95	-50.53	82.05	17.27	8.33	8.94	1.932	
1,000.00	992.53	1,003.12	989.12	4.44	4.46	18.91	-62.35	96.62	18.46	9.13	9.33	1.978	
1,100.00	1,090.88	1,103.17	1,087.29	4.71	4.74	26.62	-74.17	111.19	20.05	10.26	9.79	2.048	
1,200.00	1,189.23	1,203.22	1,185.47	5.00	5.04	33.09	-85.99	125.77	21.95	11.64	10.31	2.130	
1,300.00	1,287.58	1,303.26	1,283.65	5.31	5.35	38.49	-97.81	140.34	24.08	13.21	10.87	2.215	
1,400.00	1,385.94	1,403.31	1,381.82	5.62	5.68	42.97	-109.63	154.91	26.39	14.92	11.48	2.300	
1,500.00	1,484.29	1,503.35	1,480.00	5.95	6.02	46.71	-121.45	169.48	28.84	16.72	12.11	2.380	
1,600.00	1,582.64	1,603.40	1,578.18	6.29	6.36	49.85	-133.27	184.05	31.39	18.61	12.78	2.457	
1,700.00	1,680.99	1,696.55	1,676.36	6.63	6.69	52.52	-145.10	198.63	34.01	20.58	13.44	2.531	
1,800.00	1,779.34	1,803.49	1,774.53	6.98	7.07	54.80	-156.92	213.20	36.71	22.56	14.15	2.594	
1,900.00	1,877.69	1,903.54	1,872.71	7.18	7.26	56.77	-168.74	227.77	39.45	25.28	14.17	2.784	
2,000.00	1,976.04	2,003.59	1,970.89	7.22	7.31	58.48	-180.56	242.34	42.23	27.93	14.30	2.953	
2,100.00	2,074.39	2,103.63	2,069.06	7.28	7.37	59.97	-192.38	256.91	45.04	30.59	14.45	3.116	
2,200.00	2,172.74	2,203.68	2,167.24	7.35	7.45	61.29	-204.20	271.49	47.89	33.25	14.64	3.272	
2,300.00	2,271.09	2,303.72	2,265.42	7.45	7.55	62.47	-216.02	286.06	50.75	35.90	14.85	3.418	
2,400.00	2,369.44	2,403.77	2,363.59	7.55	7.66	63.51	-227.84	300.63	53.63	38.55	15.08	3.556	
2,500.00	2,467.79	2,503.82	2,461.77	7.68	7.78	64.45	-239.66	315.20	56.53	41.19	15.35	3.684	
2,600.00	2,566.15	2,603.86	2,559.95	7.81	7.93	65.30	-251.49	329.77	59.45	43.81	15.64	3.802	
2,700.00	2,664.50	2,703.91	2,658.12	7.96	8.08	66.07	-263.31	344.34	62.37	46.42	15.95	3.910	
2,800.00	2,762.85	2,803.95	2,756.30	8.12	8.25	66.76	-275.13	358.92	65.31	49.02	16.29	4.010	
2,900.00	2,861.20	2,904.00	2,854.48	8.30	8.43	67.40	-286.95	373.49	68.25	51.60	16.65	4.100	
3,000.00	2,959.55	3,004.05	2,952.65	8.48	8.62	67.99	-298.77	388.06	71.20	54.17	17.03	4.182	
3,100.00	3,057.90	3,104.09	3,050.83	8.68	8.82	68.53	-310.59	402.63	74.16	56.73	17.43	4.256	
3,200.00	3,156.25	3,204.14	3,149.01	8.89	9.03	69.03	-322.41	417.20	77.13	59.28	17.84	4.322	
3,300.00	3,254.60	3,304.18	3,247.19	9.10	9.25	69.49	-334.23	431.78	80.10	61.81	18.28	4.381	
3,400.00	3,352.95	3,404.23	3,345.36	9.32	9.48	69.91	-346.05	446.35	83.07	64.34	18.73	4.435	
3,500.00	3,451.30	3,504.28	3,443.54	9.56	9.72	70.31	-357.88	460.92	86.05	66.85	19.20	4.482	
3,600.00	3,549.65	3,604.32	3,541.72	9.79	9.97	70.68	-369.70	475.49	89.03	69.35	19.68	4.524	
3,700.00	3,648.00	3,704.37	3,639.89	10.04	10.22	71.03	-381.52	490.06	92.02	71.85	20.17	4.562	
3,800.00	3,746.36	3,795.58	3,738.07	10.29	10.45	71.36	-393.34	504.64	95.01	74.35	20.66	4.599	
3,900.00	3,844.71	3,904.46	3,836.25	10.55	10.74	71.66	-405.16	519.21	98.00	76.81	21.20	4.624	
4,000.00	3,943.06	3,995.49	3,934.42	10.81	10.98	71.95	-416.98	533.78	101.00	79.30	21.70	4.654	
4,100.00	4,041.41	4,104.55	4,032.60	11.08	11.28	72.22	-428.80	548.35	103.99	81.73	22.26	4.672	
4,200.00	4,139.76	4,204.60	4,130.78	11.35	11.56	72.48	-440.62	562.92	106.99	84.19	22.81	4.691	
4,300.00	4,238.11	4,304.65	4,228.95	11.63	11.85	72.72	-452.44	577.49	109.99	86.63	23.36	4.709	
4,400.00	4,336.46	4,404.69	4,327.13	11.91	12.14	72.95	-464.27	592.07	113.00	89.08	23.92	4.723	
4,500.00	4,434.81	4,495.26	4,425.31	12.20	12.40	73.17	-476.09	606.64	116.00	91.54	24.47	4.741	
4,600.00	4,533.16	4,595.22	4,523.48	12.48	12.69	73.37	-487.91	621.21	119.01	93.97	25.04	4.752	
4,700.00	4,631.51	4,704.83	4,621.66	12.78	13.02	73.57	-499.73	635.78	122.02	96.37	25.65	4.757	
4,800.00	4,729.86	4,804.88	4,719.84	13.07	13.32	73.75	-511.55	650.35	125.03	98.79	26.24	4.765	
4,900.00	4,828.21	4,895.08	4,818.02	13.37	13.60	73.93	-523.37	664.93	128.04	101.23	26.81	4.776	
5,000.00	4,926.57	5,004.97	4,916.19	13.67	13.94	74.10	-535.19	679.50	131.05	103.62	27.43	4.777	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
5,100.00	5,024.92	5,105.02	5,014.37	13.97	14.25	74.26	-547.01	694.07	134.07	106.03	28.04	4.781		
5,200.00	5,123.27	5,205.06	5,112.55	14.28	14.56	74.42	-558.84	708.64	137.08	108.43	28.65	4.785		
5,300.00	5,221.62	5,305.11	5,210.72	14.59	14.87	74.57	-570.66	723.21	140.09	110.83	29.26	4.788		
5,400.00	5,319.97	5,405.15	5,308.90	14.90	15.19	74.71	-582.48	737.79	143.11	113.23	29.88	4.790		
5,500.00	5,418.32	5,505.20	5,407.08	15.21	15.51	74.85	-594.30	752.36	146.13	115.63	30.50	4.791		
5,600.00	5,516.67	5,594.75	5,505.25	15.52	15.79	74.98	-606.12	766.93	149.15	118.05	31.09	4.797		
5,700.00	5,615.02	5,705.29	5,603.43	15.84	16.15	75.10	-617.94	781.50	152.16	120.41	31.75	4.792		
5,800.00	5,713.37	5,805.34	5,701.61	16.15	16.47	75.22	-629.76	796.07	155.18	122.80	32.38	4.792		
5,900.00	5,811.72	5,905.38	5,799.78	16.47	16.80	75.34	-641.58	810.65	158.20	125.19	33.02	4.792		
6,000.00	5,910.07	6,005.43	5,897.96	16.79	17.13	75.45	-653.40	825.22	161.22	127.57	33.65	4.791		
6,100.00	6,008.42	6,105.48	5,996.14	17.11	17.45	75.56	-665.23	839.79	164.25	129.95	34.29	4.789		
6,200.00	6,106.78	6,205.52	6,094.32	17.43	17.78	75.66	-677.05	854.36	167.27	132.33	34.93	4.788		
6,300.00	6,205.13	6,305.57	6,192.49	17.76	18.11	75.76	-688.87	868.93	170.29	134.71	35.58	4.786		
6,400.00	6,303.48	6,394.39	6,290.67	18.08	18.41	75.86	-700.69	883.50	173.31	137.12	36.19	4.789		
6,500.00	6,401.83	6,494.34	6,388.85	18.41	18.74	75.95	-712.51	898.08	176.33	139.50	36.84	4.787		
6,600.00	6,500.18	6,605.71	6,487.02	18.73	19.11	76.04	-724.33	912.65	179.36	141.83	37.52	4.780		
6,700.00	6,598.49	6,705.76	6,585.20	19.06	19.45	79.79	-736.15	927.22	182.44	144.26	38.18	4.778		
6,800.00	6,694.58	6,806.57	6,682.62	19.45	19.78	93.76	-747.88	941.68	188.72	149.63	39.09	4.828		
6,900.00	6,785.47	6,890.66	6,778.12	19.92	20.07	104.03	-759.38	955.90	201.86	161.65	40.21	5.020		
7,000.00	6,868.90	7,004.58	6,887.63	20.48	20.50	113.40	-772.52	983.76	220.45	179.11	41.34	5.332		
7,100.00	6,942.84	7,126.76	6,997.60	21.13	21.08	120.38	-785.63	1,034.93	240.06	197.94	42.12	5.700		
7,200.00	7,005.45	7,257.75	7,102.39	21.87	21.82	125.52	-798.01	1,112.14	258.58	216.14	42.44	6.093		
7,300.00	7,055.21	7,397.33	7,194.31	22.70	22.76	129.12	-808.73	1,216.26	274.05	231.75	42.30	6.478		
7,400.00	7,090.87	7,544.15	7,264.31	23.61	23.92	131.33	-816.70	1,344.70	284.80	242.95	41.84	6.806		
7,500.00	7,111.57	7,695.52	7,304.00	24.59	25.26	132.25	-820.94	1,490.35	289.62	248.26	41.36	7.003		
7,600.00	7,116.95	7,829.19	7,310.83	25.62	26.56	132.13	-821.25	1,623.67	289.03	247.24	41.79	6.917		
7,700.00	7,116.60	7,929.19	7,310.37	26.71	27.60	132.11	-820.81	1,723.67	288.95	245.57	43.38	6.661		
7,800.00	7,116.25	8,029.19	7,309.91	27.85	28.71	132.10	-820.37	1,823.66	288.88	243.79	45.09	6.407		
7,900.00	7,115.90	8,129.19	7,309.45	29.06	29.87	132.08	-819.92	1,923.66	288.80	241.90	46.90	6.158		
8,000.00	7,115.55	8,229.19	7,308.99	30.31	31.09	132.06	-819.48	2,023.66	288.73	239.92	48.81	5.915		
8,100.00	7,115.21	8,329.19	7,308.53	31.60	32.34	132.05	-819.04	2,123.66	288.66	237.86	50.80	5.682		
8,200.00	7,114.86	8,429.19	7,308.07	32.92	33.64	132.03	-818.60	2,223.66	288.58	235.72	52.86	5.459		
8,300.00	7,114.51	8,529.19	7,307.61	34.28	34.96	132.02	-818.16	2,323.65	288.51	233.52	54.99	5.247		
8,400.00	7,114.16	8,629.19	7,307.15	35.66	36.32	132.00	-817.72	2,423.65	288.43	231.26	57.17	5.045		
8,500.00	7,113.81	8,729.19	7,306.69	37.07	37.71	131.98	-817.27	2,523.65	288.36	228.95	59.41	4.854		
8,600.00	7,113.46	8,829.19	7,306.23	38.51	39.11	131.97	-816.83	2,623.65	288.29	226.59	61.69	4.673		
8,700.00	7,113.11	8,929.19	7,305.77	39.96	40.54	131.95	-816.39	2,723.65	288.21	224.19	64.02	4.502		
8,800.00	7,112.76	9,029.19	7,305.31	41.42	41.99	131.93	-815.95	2,823.64	288.14	221.76	66.38	4.341		
8,900.00	7,112.41	9,129.19	7,304.85	42.91	43.45	131.92	-815.51	2,923.64	288.06	219.29	68.77	4.189		
9,000.00	7,112.06	9,229.19	7,304.39	44.40	44.93	131.90	-815.07	3,023.64	287.99	216.80	71.19	4.045		
9,100.00	7,111.71	9,329.19	7,303.93	45.91	46.42	131.88	-814.62	3,123.64	287.92	214.27	73.64	3.910		
9,200.00	7,111.37	9,429.19	7,303.47	47.43	47.93	131.87	-814.18	3,223.64	287.84	211.72	76.12	3.781		
9,300.00	7,111.02	9,529.19	7,303.01	48.96	49.44	131.85	-813.74	3,323.63	287.77	209.15	78.62	3.660		
9,400.00	7,110.67	9,629.19	7,302.55	50.50	50.97	131.84	-813.30	3,423.63	287.69	206.56	81.13	3.546		
9,500.00	7,110.32	9,729.19	7,302.09	52.05	52.50	131.82	-812.86	3,523.63	287.62	203.95	83.67	3.438		
9,600.00	7,109.97	9,829.19	7,301.63	53.60	54.05	131.80	-812.42	3,623.63	287.55	201.32	86.22	3.335		
9,700.00	7,109.62	9,929.19	7,301.17	55.17	55.60	131.79	-811.97	3,723.62	287.47	198.68	88.79	3.238		
9,800.00	7,109.27	10,029.19	7,300.71	56.73	57.16	131.77	-811.53	3,823.62	287.40	196.03	91.37	3.145		
9,900.00	7,108.92	10,129.19	7,300.25	58.31	58.72	131.75	-811.09	3,923.62	287.32	193.36	93.97	3.058		
10,000.00	7,108.57	10,229.19	7,299.79	59.89	60.29	131.74	-810.65	4,023.62	287.25	190.68	96.57	2.974		
10,100.00	7,108.22	10,329.19	7,299.33	61.47	61.86	131.72	-810.21	4,123.62	287.18	187.98	99.19	2.895		
10,200.00	7,107.87	10,429.19	7,298.87	63.06	63.44	131.70	-809.77	4,223.61	287.10	185.28	101.82	2.820		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
10,300.00	7,107.52	10,529.19	7,298.41	64.66	65.03	131.69	-809.32	4,323.61	287.03	182.57	104.46	2.748	
10,400.00	7,107.18	10,629.19	7,297.95	66.25	66.62	131.67	-808.88	4,423.61	286.96	179.85	107.11	2.679	
10,500.00	7,106.83	10,729.19	7,297.49	67.85	68.21	131.65	-808.44	4,523.61	286.88	177.12	109.77	2.614	
10,600.00	7,106.48	10,829.19	7,297.03	69.46	69.81	131.64	-808.00	4,623.61	286.81	174.38	112.43	2.551	
10,700.00	7,106.13	10,929.19	7,296.57	71.07	71.41	131.62	-807.56	4,723.60	286.74	171.63	115.10	2.491	
10,800.00	7,105.78	11,029.19	7,296.11	72.68	73.01	131.60	-807.12	4,823.60	286.66	168.88	117.78	2.434	
10,900.00	7,105.43	11,129.19	7,295.65	74.29	74.62	131.59	-806.67	4,923.60	286.59	166.12	120.47	2.379	
11,000.00	7,105.08	11,229.19	7,295.19	75.91	76.23	131.57	-806.23	5,023.60	286.51	163.35	123.16	2.326	
11,100.00	7,104.73	11,329.19	7,294.73	77.52	77.84	131.55	-805.79	5,123.60	286.44	160.58	125.86	2.276	
11,200.00	7,104.38	11,429.19	7,294.27	79.14	79.46	131.54	-805.35	5,223.59	286.37	157.81	128.56	2.227	
11,300.00	7,104.03	11,529.19	7,293.81	80.77	81.07	131.52	-804.91	5,323.59	286.29	155.02	131.27	2.181	
11,400.00	7,103.68	11,629.19	7,293.35	82.39	82.69	131.50	-804.46	5,423.59	286.22	152.24	133.98	2.136	
11,500.00	7,103.34	11,729.19	7,292.89	84.02	84.32	131.49	-804.02	5,523.59	286.15	149.45	136.70	2.093	
11,600.00	7,102.99	11,829.19	7,292.43	85.65	85.94	131.47	-803.58	5,623.59	286.07	146.65	139.42	2.052	
11,700.00	7,102.64	11,929.19	7,291.97	87.28	87.56	131.45	-803.14	5,723.58	286.00	143.85	142.15	2.012	
11,800.00	7,102.29	12,029.19	7,291.51	88.91	89.19	131.44	-802.70	5,823.58	285.93	141.05	144.88	1.974	
11,900.00	7,101.94	12,129.19	7,291.05	90.54	90.82	131.42	-802.26	5,923.58	285.85	138.24	147.62	1.936	
12,000.00	7,101.59	12,229.19	7,290.59	92.18	92.45	131.40	-801.81	6,023.58	285.78	135.42	150.36	1.901	
12,100.00	7,101.24	12,329.19	7,290.13	93.81	94.08	131.39	-801.37	6,123.57	285.71	132.61	153.10	1.866	
12,200.00	7,100.89	12,429.19	7,289.67	95.45	95.72	131.37	-800.93	6,223.57	285.63	129.79	155.84	1.833	
12,300.00	7,100.54	12,529.19	7,289.21	97.09	97.35	131.35	-800.49	6,323.57	285.56	126.97	158.59	1.801	
12,400.00	7,100.19	12,629.19	7,288.75	98.73	98.99	131.34	-800.05	6,423.57	285.49	124.14	161.35	1.769	
12,500.00	7,099.84	12,729.19	7,288.29	100.37	100.62	131.32	-799.61	6,523.57	285.41	121.31	164.10	1.739	
12,600.00	7,099.49	12,829.19	7,287.83	102.01	102.26	131.30	-799.16	6,623.56	285.34	118.48	166.86	1.710	
12,700.00	7,099.15	12,929.19	7,287.37	103.65	103.90	131.29	-798.72	6,723.56	285.27	115.65	169.62	1.682	
12,800.00	7,098.80	13,029.19	7,286.91	105.29	105.54	131.27	-798.28	6,823.56	285.20	112.81	172.39	1.654	
12,900.00	7,098.45	13,129.19	7,286.45	106.94	107.18	131.25	-797.84	6,923.56	285.12	109.97	175.15	1.628	
13,000.00	7,098.10	13,229.19	7,285.99	108.58	108.82	131.24	-797.40	7,023.56	285.05	107.13	177.92	1.602	
13,100.00	7,097.75	13,329.19	7,285.53	110.23	110.47	131.22	-796.96	7,123.55	284.98	104.28	180.69	1.577	
13,200.00	7,097.40	13,429.19	7,285.07	111.88	112.11	131.20	-796.51	7,223.55	284.90	101.44	183.47	1.553	
13,300.00	7,097.05	13,529.19	7,284.61	113.53	113.76	131.19	-796.07	7,323.55	284.83	98.59	186.24	1.529	
13,400.00	7,096.70	13,629.19	7,284.15	115.17	115.40	131.17	-795.63	7,423.55	284.76	95.73	189.02	1.506	
13,500.00	7,096.35	13,729.19	7,283.69	116.82	117.05	131.15	-795.19	7,523.55	284.68	92.88	191.80	1.484 Level 3	
13,600.00	7,096.00	13,829.19	7,283.23	118.47	118.70	131.14	-794.75	7,623.54	284.61	90.02	194.59	1.463 Level 3	
13,700.00	7,095.65	13,929.19	7,282.77	120.12	120.34	131.12	-794.31	7,723.54	284.54	87.17	197.37	1.442 Level 3	
13,800.00	7,095.31	14,029.19	7,282.31	121.77	121.99	131.10	-793.86	7,823.54	284.47	84.31	200.16	1.421 Level 3	
13,900.00	7,094.96	14,129.19	7,281.85	123.42	123.64	131.09	-793.42	7,923.54	284.39	81.44	202.95	1.401 Level 3	
14,000.00	7,094.61	14,229.19	7,281.39	125.08	125.29	131.07	-792.98	8,023.53	284.32	78.58	205.74	1.382 Level 3	
14,100.00	7,094.26	14,329.19	7,280.93	126.73	126.94	131.05	-792.54	8,123.53	284.25	75.71	208.54	1.363 Level 3	
14,200.00	7,093.91	14,429.19	7,280.47	128.38	128.59	131.04	-792.10	8,223.53	284.18	72.84	211.33	1.345 Level 3	
14,300.00	7,093.56	14,529.19	7,280.01	130.04	130.24	131.02	-791.66	8,323.53	284.10	69.97	214.13	1.327 Level 3	
14,400.00	7,093.21	14,629.19	7,279.55	131.69	131.90	131.00	-791.21	8,423.53	284.03	67.10	216.93	1.309 Level 3	
14,500.00	7,092.86	14,729.19	7,279.10	133.34	133.55	130.98	-790.77	8,523.52	283.96	64.23	219.73	1.292 Level 3	
14,600.00	7,092.51	14,829.19	7,278.64	135.00	135.20	130.97	-790.33	8,623.52	283.88	61.35	222.53	1.276 Level 3	
14,700.00	7,092.16	14,929.19	7,278.18	136.66	136.85	130.95	-789.89	8,723.52	283.81	58.48	225.33	1.260 Level 3	
14,800.00	7,091.81	15,029.19	7,277.72	138.31	138.51	130.93	-789.45	8,823.52	283.74	55.60	228.14	1.244 Level 2	
14,900.00	7,091.46	15,129.18	7,277.26	139.97	140.16	130.92	-789.00	8,923.52	283.67	52.72	230.95	1.228 Level 2	
15,000.00	7,091.12	15,229.18	7,276.80	141.62	141.82	130.90	-788.56	9,023.51	283.59	49.84	233.76	1.213 Level 2	
15,100.00	7,090.77	15,329.18	7,276.34	143.28	143.47	130.88	-788.12	9,123.51	283.52	46.95	236.57	1.198 Level 2	
15,200.00	7,090.42	15,429.18	7,275.88	144.94	145.13	130.87	-787.68	9,223.51	283.45	44.07	239.38	1.184 Level 2	
15,300.00	7,090.07	15,529.18	7,275.42	146.60	146.78	130.85	-787.24	9,323.51	283.38	41.18	242.19	1.170 Level 2	
15,400.00	7,089.72	15,629.18	7,274.96	148.25	148.44	130.83	-786.80	9,423.51	283.30	38.30	245.01	1.156 Level 2	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
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							
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	7,089.37	15,729.18	7,274.50	149.91	150.10	130.82	-786.35	9,523.50	283.23	35.41	247.83	1.143	Level 2
15,600.00	7,089.02	15,829.18	7,274.04	151.57	151.75	130.80	-785.91	9,623.50	283.16	32.52	250.64	1.130	Level 2
15,700.00	7,088.67	15,929.18	7,273.58	153.23	153.41	130.78	-785.47	9,723.50	283.09	29.62	253.46	1.117	Level 2
15,800.00	7,088.32	16,029.18	7,273.12	154.89	155.07	130.76	-785.03	9,823.50	283.02	26.73	256.29	1.104	Level 2
15,900.00	7,087.97	16,129.18	7,272.66	156.55	156.73	130.75	-784.59	9,923.50	282.94	23.84	259.11	1.092	Level 2
16,000.00	7,087.62	16,229.18	7,272.20	158.21	158.39	130.73	-784.15	10,023.49	282.87	20.94	261.93	1.080	Level 2
16,100.00	7,087.28	16,329.18	7,271.74	159.87	160.04	130.71	-783.70	10,123.49	282.80	18.04	264.76	1.068	Level 2
16,200.00	7,086.93	16,429.18	7,271.28	161.53	161.70	130.70	-783.26	10,223.49	282.73	15.14	267.58	1.057	Level 2
16,300.00	7,086.58	16,529.18	7,270.82	163.19	163.36	130.68	-782.82	10,323.49	282.65	12.24	270.41	1.045	Level 2
16,400.00	7,086.23	16,629.18	7,270.36	164.85	165.02	130.66	-782.38	10,423.48	282.58	9.34	273.24	1.034	Level 2
16,500.00	7,085.88	16,729.18	7,269.90	166.51	166.68	130.65	-781.94	10,523.48	282.51	6.44	276.07	1.023	Level 2
16,600.00	7,085.53	16,829.18	7,269.44	168.17	168.34	130.63	-781.50	10,623.48	282.44	3.53	278.90	1.013	Level 2
16,700.00	7,085.18	16,929.18	7,268.98	169.83	170.00	130.61	-781.05	10,723.48	282.37	0.63	281.74	1.002	Level 2
16,800.00	7,084.83	17,029.18	7,268.52	171.49	171.66	130.59	-780.61	10,823.48	282.29	-2.28	284.57	0.992	Level 1
16,900.00	7,084.48	17,129.18	7,268.06	173.16	173.32	130.58	-780.17	10,923.47	282.22	-5.19	287.41	0.982	Level 1
17,000.00	7,084.13	17,229.18	7,267.60	174.82	174.98	130.56	-779.73	11,023.47	282.15	-8.09	290.24	0.972	Level 1
17,100.00	7,083.78	17,329.18	7,267.14	176.48	176.64	130.54	-779.29	11,123.47	282.08	-11.01	293.08	0.962	Level 1
17,200.00	7,083.43	17,429.18	7,266.68	178.14	178.31	130.53	-778.85	11,223.47	282.01	-13.92	295.92	0.953	Level 1
17,300.00	7,083.09	17,529.18	7,266.22	179.81	179.97	130.51	-778.40	11,323.47	281.93	-16.83	298.76	0.944	Level 1
17,400.00	7,082.74	17,629.18	7,265.76	181.47	181.63	130.49	-777.96	11,423.46	281.86	-19.74	301.60	0.935	Level 1
17,500.00	7,082.39	17,729.18	7,265.30	183.13	183.29	130.47	-777.52	11,523.46	281.79	-22.66	304.45	0.926	Level 1
17,600.00	7,082.04	17,829.18	7,264.84	184.79	184.95	130.46	-777.08	11,623.46	281.72	-25.57	307.29	0.917	Level 1
17,672.78	7,081.78	17,901.97	7,264.50	186.00	186.16	130.44	-776.76	11,696.24	281.67	-27.70	309.36	0.910	Level 1, ES, SF
17,700.00	7,081.69	17,893.49	7,264.54	186.46	186.02	130.45	-776.79	11,687.77	283.90	-25.32	309.22	0.918	Level 1
17,800.00	7,081.34	17,893.49	7,264.54	188.12	186.02	130.45	-776.79	11,687.77	312.56	24.39	288.17	1.085	Level 2
17,900.00	7,080.99	17,893.49	7,264.54	189.78	186.02	130.45	-776.79	11,687.77	367.14	114.54	252.60	1.453	Level 3
17,997.31	7,080.65	17,893.49	7,264.54	191.40	186.02	130.45	-776.79	11,687.77	436.00	216.56	219.45	1.987	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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						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	90.52	-0.36	39.81	39.81				
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-0.36	39.81	39.81	32.29	7.53	5.288	
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-0.36	39.81	39.81	32.24	7.57	5.257	
300.00	299.98	299.03	299.01	3.35	3.35	-28.79	-1.60	41.00	39.51	31.85	7.65	5.162	
400.00	399.84	398.05	397.89	3.41	3.41	-27.12	-5.29	44.57	38.61	30.84	7.76	4.972	
500.00	499.45	497.05	496.51	3.50	3.49	-24.17	-11.43	50.50	37.18	29.27	7.92	4.696	
600.00	598.70	596.00	594.74	3.61	3.60	-19.66	-20.02	58.79	35.38	27.27	8.11	4.361	
700.00	697.47	694.91	692.45	3.77	3.75	-13.21	-31.04	69.43	33.42	25.08	8.34	4.008	
772.15	768.49	766.23	762.55	3.91	3.89	-6.97	-40.49	78.56	32.84	24.32	8.52	3.854	
800.00	795.83	793.74	789.50	3.96	3.95	-4.28	-44.46	82.40	32.78	24.19	8.59	3.816 CC, ES	
900.00	894.18	893.36	886.88	4.19	4.19	5.56	-59.58	96.99	35.10	26.19	8.91	3.941	
1,000.00	992.53	1,006.83	984.43	4.44	4.50	13.98	-74.75	111.64	38.36	29.05	9.31	4.121	
1,100.00	1,090.88	1,092.97	1,081.98	4.71	4.76	20.97	-89.92	126.30	42.32	32.61	9.71	4.359	
1,200.00	1,189.23	1,192.77	1,179.52	5.00	5.08	26.69	-105.09	140.95	46.79	36.60	10.19	4.592	
1,300.00	1,287.58	1,292.57	1,277.07	5.31	5.42	31.38	-120.26	155.60	51.65	40.94	10.72	4.820	
1,400.00	1,385.94	1,407.63	1,374.62	5.62	5.83	35.24	-135.43	170.25	56.80	45.48	11.32	5.018	
1,500.00	1,484.29	1,492.17	1,472.16	5.95	6.13	38.45	-150.60	184.90	62.16	50.28	11.88	5.234	
1,600.00	1,582.64	1,591.97	1,569.71	6.29	6.51	41.14	-165.78	199.55	67.68	55.18	12.50	5.415	
1,700.00	1,680.99	1,708.23	1,667.26	6.63	6.96	43.43	-180.95	214.20	73.33	60.14	13.19	5.558	
1,800.00	1,779.34	1,808.43	1,764.81	6.98	7.33	45.38	-196.12	228.85	79.08	65.23	13.85	5.712	
1,900.00	1,877.69	1,908.63	1,862.35	7.18	7.53	47.07	-211.29	243.50	84.91	71.07	13.84	6.137	
2,000.00	1,976.04	2,008.83	1,959.90	7.22	7.59	48.54	-226.46	258.15	90.80	76.85	13.95	6.509	
2,100.00	2,074.39	2,109.02	2,057.45	7.28	7.66	49.83	-241.63	272.80	96.74	82.65	14.09	6.864	
2,200.00	2,172.74	2,209.22	2,154.99	7.35	7.75	50.97	-256.80	287.45	102.73	88.46	14.27	7.199	
2,300.00	2,271.09	2,309.42	2,252.54	7.45	7.85	51.98	-271.97	302.10	108.75	94.28	14.47	7.514	
2,400.00	2,369.44	2,409.62	2,350.09	7.55	7.98	52.89	-287.14	316.75	114.81	100.10	14.71	7.807	
2,500.00	2,467.79	2,490.18	2,447.63	7.68	8.09	53.71	-302.32	331.40	120.89	105.95	14.94	8.091	
2,600.00	2,566.15	2,589.98	2,545.18	7.81	8.24	54.45	-317.49	346.05	126.99	111.77	15.22	8.341	
2,700.00	2,664.50	2,689.78	2,642.73	7.96	8.41	55.12	-332.66	360.71	133.11	117.58	15.53	8.570	
2,800.00	2,762.85	2,789.58	2,740.28	8.12	8.59	55.73	-347.83	375.36	139.25	123.38	15.87	8.777	
2,900.00	2,861.20	2,889.38	2,837.82	8.30	8.78	56.29	-363.00	390.01	145.40	129.18	16.22	8.964	
3,000.00	2,959.55	2,989.18	2,935.37	8.48	8.98	56.80	-378.17	404.66	151.57	134.97	16.60	9.132	
3,100.00	3,057.90	3,088.98	3,032.92	8.68	9.20	57.28	-393.34	419.31	157.74	140.75	16.99	9.282	
3,200.00	3,156.25	3,188.79	3,130.46	8.89	9.42	57.72	-408.51	433.96	163.93	146.52	17.41	9.416	
3,300.00	3,254.60	3,288.59	3,228.01	9.10	9.66	58.12	-423.68	448.61	170.12	152.28	17.84	9.535	
3,400.00	3,352.95	3,388.39	3,325.56	9.32	9.91	58.50	-438.86	463.26	176.33	158.04	18.29	9.640	
3,500.00	3,451.30	3,488.19	3,423.10	9.56	10.16	58.85	-454.03	477.91	182.54	163.78	18.76	9.732	
3,600.00	3,549.65	3,587.99	3,520.65	9.79	10.42	59.18	-469.20	492.56	188.75	169.52	19.24	9.813	
3,700.00	3,648.00	3,687.79	3,618.20	10.04	10.69	59.49	-484.37	507.21	194.98	175.25	19.73	9.884	
3,800.00	3,746.36	3,787.59	3,715.75	10.29	10.96	59.78	-499.54	521.86	201.20	180.97	20.23	9.945	
3,900.00	3,844.71	3,887.39	3,813.29	10.55	11.24	60.05	-514.71	536.51	207.44	186.69	20.75	9.999	
4,000.00	3,943.06	3,987.19	3,910.84	10.81	11.53	60.31	-529.88	551.16	213.67	192.40	21.27	10.045	
4,100.00	4,041.41	4,086.99	4,008.39	11.08	11.82	60.55	-545.05	565.81	219.91	198.11	21.81	10.084	
4,200.00	4,139.76	4,186.79	4,105.93	11.35	12.12	60.77	-560.22	580.47	226.16	203.81	22.35	10.118	
4,300.00	4,238.11	4,286.60	4,203.48	11.63	12.42	60.99	-575.40	595.12	232.41	209.50	22.91	10.146	
4,400.00	4,336.46	4,386.40	4,301.03	11.91	12.72	61.20	-590.57	609.77	238.66	215.19	23.47	10.170	
4,500.00	4,434.81	4,486.20	4,398.57	12.20	13.03	61.39	-605.74	624.42	244.91	220.88	24.04	10.189	
4,600.00	4,533.16	4,586.00	4,496.12	12.48	13.35	61.57	-620.91	639.07	251.17	226.56	24.61	10.206	
4,700.00	4,631.51	4,685.80	4,593.67	12.78	13.66	61.75	-636.08	653.72	257.43	232.23	25.19	10.218	
4,800.00	4,729.86	4,785.60	4,691.22	13.07	13.98	61.92	-651.25	668.37	263.69	237.91	25.78	10.228	
4,900.00	4,828.21	4,885.40	4,788.76	13.37	14.31	62.07	-666.42	683.02	269.95	243.58	26.37	10.236	
5,000.00	4,926.57	4,985.20	4,886.31	13.67	14.63	62.23	-681.59	697.67	276.22	249.24	26.97	10.241	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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	5,024.92	5,085.00	4,983.86	13.97	14.96	62.37	-696.77	712.32	282.48	254.91	27.57	10.245	
5,200.00	5,123.27	5,184.80	5,081.40	14.28	15.29	62.51	-711.94	726.97	288.75	260.57	28.18	10.246	
5,300.00	5,221.62	5,284.60	5,178.95	14.59	15.62	62.64	-727.11	741.62	295.02	266.23	28.79	10.246	
5,400.00	5,319.97	5,384.41	5,276.50	14.90	15.96	62.77	-742.28	756.27	301.29	271.89	29.41	10.245	
5,500.00	5,418.32	5,484.21	5,374.04	15.21	16.29	62.89	-757.45	770.92	307.57	277.54	30.03	10.243	
5,600.00	5,516.67	5,584.01	5,471.59	15.52	16.63	63.01	-772.62	785.57	313.84	283.19	30.65	10.239	
5,700.00	5,615.02	5,683.81	5,569.14	15.84	16.97	63.12	-787.79	800.23	320.12	288.84	31.28	10.235	
5,800.00	5,713.37	5,783.61	5,666.69	16.15	17.32	63.23	-802.96	814.88	326.40	294.49	31.91	10.230	
5,900.00	5,811.72	5,883.41	5,764.23	16.47	17.66	63.34	-818.13	829.53	332.67	300.14	32.54	10.224	
6,000.00	5,910.07	5,983.21	5,861.78	16.79	18.01	63.44	-833.31	844.18	338.95	305.78	33.17	10.218	
6,100.00	6,008.42	6,083.01	5,959.33	17.11	18.35	63.53	-848.48	858.83	345.23	311.42	33.81	10.211	
6,200.00	6,106.78	6,182.81	6,056.87	17.43	18.70	63.63	-863.65	873.48	351.52	317.06	34.45	10.203	
6,300.00	6,205.13	6,282.61	6,154.42	17.76	19.05	63.72	-878.82	888.13	357.80	322.70	35.09	10.196	
6,400.00	6,303.48	6,382.41	6,251.97	18.08	19.40	63.81	-893.99	902.78	364.08	328.34	35.74	10.187	
6,500.00	6,401.83	6,482.22	6,349.51	18.41	19.75	63.89	-909.16	917.43	370.36	333.98	36.38	10.179	
6,600.00	6,500.18	6,582.02	6,447.06	18.73	20.10	63.97	-924.33	932.08	376.65	339.62	37.03	10.171	
6,700.00	6,598.49	6,686.07	6,547.38	19.06	20.49	66.58	-939.93	954.40	382.42	344.79	37.63	10.163	
6,800.00	6,694.58	6,788.49	6,641.33	19.45	20.95	75.68	-954.53	992.16	387.92	349.66	38.26	10.138	
6,900.00	6,785.47	6,889.00	6,726.56	19.92	21.48	77.93	-967.76	1,043.56	393.49	354.43	39.06	10.073	
7,000.00	6,868.90	6,987.70	6,801.46	20.48	22.07	78.10	-979.39	1,106.62	399.00	358.95	40.05	9.963	
7,100.00	6,942.84	7,084.72	6,864.85	21.13	22.71	77.45	-989.21	1,179.29	404.28	363.04	41.23	9.805	
7,200.00	7,005.45	7,180.22	6,915.89	21.87	23.41	76.47	-997.11	1,259.51	409.14	366.51	42.63	9.597	
7,300.00	7,055.21	7,274.35	6,954.05	22.70	24.17	75.38	-1,003.00	1,345.27	413.41	369.17	44.25	9.344	
7,400.00	7,090.87	7,367.29	6,979.07	23.61	24.97	74.30	-1,006.84	1,434.61	416.93	370.87	46.06	9.052	
7,500.00	7,111.57	7,459.22	6,990.93	24.59	25.81	73.30	-1,008.64	1,525.67	419.56	371.51	48.04	8.733	
7,600.00	7,116.95	7,555.29	6,991.71	25.62	26.73	72.69	-1,008.71	1,621.72	420.87	370.72	50.15	8.392	
7,700.00	7,116.60	7,655.29	6,991.18	26.71	27.76	72.68	-1,008.57	1,721.71	421.21	368.82	52.40	8.039	
7,800.00	7,116.25	7,755.29	6,990.65	27.85	28.86	72.66	-1,008.44	1,821.71	421.56	366.82	54.74	7.701	
7,900.00	7,115.90	7,855.29	6,990.12	29.06	30.01	72.65	-1,008.30	1,921.71	421.90	364.73	57.17	7.379	
8,000.00	7,115.55	7,955.29	6,989.59	30.31	31.22	72.64	-1,008.16	2,021.71	422.25	362.57	59.68	7.075	
8,100.00	7,115.21	8,055.29	6,989.06	31.60	32.47	72.63	-1,008.03	2,121.71	422.59	360.34	62.26	6.788	
8,200.00	7,114.86	8,155.29	6,988.53	32.92	33.76	72.62	-1,007.89	2,221.70	422.94	358.05	64.89	6.518	
8,300.00	7,114.51	8,255.28	6,988.00	34.28	35.08	72.61	-1,007.75	2,321.70	423.28	355.71	67.58	6.264	
8,400.00	7,114.16	8,355.28	6,987.47	35.66	36.44	72.60	-1,007.61	2,421.70	423.63	353.32	70.31	6.025	
8,500.00	7,113.81	8,455.28	6,986.94	37.07	37.82	72.59	-1,007.48	2,521.70	423.97	350.90	73.08	5.802	
8,600.00	7,113.46	8,555.28	6,986.41	38.51	39.22	72.58	-1,007.34	2,621.70	424.32	348.43	75.89	5.592	
8,700.00	7,113.11	8,655.28	6,985.88	39.96	40.65	72.57	-1,007.20	2,721.69	424.66	345.94	78.73	5.394	
8,800.00	7,112.76	8,755.28	6,985.35	41.42	42.09	72.55	-1,007.07	2,821.69	425.01	343.41	81.59	5.209	
8,900.00	7,112.41	8,855.28	6,984.82	42.91	43.55	72.54	-1,006.93	2,921.69	425.35	340.87	84.49	5.034	
9,000.00	7,112.06	8,955.28	6,984.29	44.40	45.03	72.53	-1,006.79	3,021.69	425.70	338.29	87.41	4.870	
9,100.00	7,111.71	9,055.28	6,983.76	45.91	46.52	72.52	-1,006.66	3,121.68	426.04	335.70	90.34	4.716	
9,200.00	7,111.37	9,155.28	6,983.23	47.43	48.02	72.51	-1,006.52	3,221.68	426.39	333.09	93.30	4.570	
9,300.00	7,111.02	9,255.28	6,982.70	48.96	49.54	72.50	-1,006.38	3,321.68	426.73	330.46	96.28	4.432	
9,400.00	7,110.67	9,355.28	6,982.17	50.50	51.06	72.49	-1,006.25	3,421.68	427.08	327.81	99.27	4.302	
9,500.00	7,110.32	9,455.28	6,981.64	52.05	52.59	72.48	-1,006.11	3,521.68	427.43	325.16	102.27	4.179	
9,600.00	7,109.97	9,555.28	6,981.11	53.60	54.14	72.47	-1,005.97	3,621.67	427.77	322.48	105.29	4.063	
9,700.00	7,109.62	9,655.28	6,980.58	55.17	55.69	72.46	-1,005.84	3,721.67	428.12	319.80	108.31	3.953	
9,800.00	7,109.27	9,755.28	6,980.05	56.73	57.24	72.45	-1,005.70	3,821.67	428.46	317.11	111.35	3.848	
9,900.00	7,108.92	9,855.27	6,979.52	58.31	58.81	72.44	-1,005.56	3,921.67	428.81	314.40	114.40	3.748	
10,000.00	7,108.57	9,955.27	6,978.99	59.89	60.37	72.42	-1,005.42	4,021.67	429.15	311.69	117.46	3.654	
10,100.00	7,108.22	10,055.27	6,978.46	61.47	61.95	72.41	-1,005.29	4,121.66	429.50	308.97	120.53	3.564	
10,200.00	7,107.87	10,155.27	6,977.93	63.06	63.53	72.40	-1,005.15	4,221.66	429.84	306.24	123.60	3.478	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
10,300.00	7,107.52	10,255.27	6,977.40	64.66	65.11	72.39	-1,005.01	4,321.66	430.19	303.51	126.68	3.396	
10,400.00	7,107.18	10,355.27	6,976.87	66.25	66.70	72.38	-1,004.88	4,421.66	430.53	300.76	129.77	3.318	
10,500.00	7,106.83	10,455.27	6,976.34	67.85	68.30	72.37	-1,004.74	4,521.65	430.88	298.02	132.86	3.243	
10,600.00	7,106.48	10,555.27	6,975.81	69.46	69.89	72.36	-1,004.60	4,621.65	431.22	295.26	135.96	3.172	
10,700.00	7,106.13	10,655.27	6,975.28	71.07	71.49	72.35	-1,004.47	4,721.65	431.57	292.50	139.07	3.103	
10,800.00	7,105.78	10,755.27	6,974.75	72.68	73.10	72.34	-1,004.33	4,821.65	431.91	289.74	142.18	3.038	
10,900.00	7,105.43	10,855.27	6,974.22	74.29	74.70	72.33	-1,004.19	4,921.65	432.26	286.97	145.29	2.975	
11,000.00	7,105.08	10,955.27	6,973.69	75.91	76.31	72.32	-1,004.06	5,021.64	432.61	284.19	148.41	2.915	
11,100.00	7,104.73	11,055.27	6,973.16	77.52	77.92	72.31	-1,003.92	5,121.64	432.95	281.42	151.53	2.857	
11,200.00	7,104.38	11,155.27	6,972.63	79.14	79.54	72.30	-1,003.78	5,221.64	433.30	278.64	154.66	2.802	
11,300.00	7,104.03	11,255.27	6,972.10	80.77	81.16	72.29	-1,003.65	5,321.64	433.64	275.85	157.79	2.748	
11,400.00	7,103.68	11,355.27	6,971.57	82.39	82.77	72.28	-1,003.51	5,421.64	433.99	273.06	160.92	2.697	
11,500.00	7,103.34	11,455.26	6,971.04	84.02	84.40	72.27	-1,003.37	5,521.63	434.33	270.27	164.06	2.647	
11,600.00	7,102.99	11,555.26	6,970.51	85.65	86.02	72.26	-1,003.23	5,621.63	434.68	267.48	167.20	2.600	
11,700.00	7,102.64	11,655.26	6,969.98	87.28	87.65	72.24	-1,003.10	5,721.63	435.02	264.68	170.34	2.554	
11,800.00	7,102.29	11,755.26	6,969.45	88.91	89.27	72.23	-1,002.96	5,821.63	435.37	261.89	173.48	2.510	
11,900.00	7,101.94	11,855.26	6,968.92	90.54	90.90	72.22	-1,002.82	5,921.63	435.71	259.08	176.63	2.467	
12,000.00	7,101.59	11,955.26	6,968.39	92.18	92.53	72.21	-1,002.69	6,021.62	436.06	256.28	179.78	2.426	
12,100.00	7,101.24	12,055.26	6,967.86	93.81	94.16	72.20	-1,002.55	6,121.62	436.41	253.48	182.93	2.386	
12,200.00	7,100.89	12,155.26	6,967.33	95.45	95.80	72.19	-1,002.41	6,221.62	436.75	250.67	186.08	2.347	
12,300.00	7,100.54	12,255.26	6,966.80	97.09	97.43	72.18	-1,002.28	6,321.62	437.10	247.86	189.24	2.310	
12,400.00	7,100.19	12,355.26	6,966.27	98.73	99.07	72.17	-1,002.14	6,421.61	437.44	245.05	192.40	2.274	
12,500.00	7,099.84	12,455.26	6,965.74	100.37	100.70	72.16	-1,002.00	6,521.61	437.79	242.23	195.55	2.239	
12,600.00	7,099.49	12,555.26	6,965.21	102.01	102.34	72.15	-1,001.87	6,621.61	438.13	239.42	198.71	2.205	
12,700.00	7,099.15	12,655.26	6,964.68	103.65	103.98	72.14	-1,001.73	6,721.61	438.48	236.60	201.88	2.172	
12,800.00	7,098.80	12,755.26	6,964.15	105.29	105.62	72.13	-1,001.59	6,821.61	438.83	233.79	205.04	2.140	
12,900.00	7,098.45	12,855.26	6,963.62	106.94	107.26	72.12	-1,001.46	6,921.60	439.17	230.97	208.20	2.109	
13,000.00	7,098.10	12,955.26	6,963.09	108.58	108.91	72.11	-1,001.32	7,021.60	439.52	228.15	211.37	2.079	
13,100.00	7,097.75	13,055.25	6,962.56	110.23	110.55	72.10	-1,001.18	7,121.60	439.86	225.33	214.54	2.050	
13,200.00	7,097.40	13,155.25	6,962.03	111.88	112.19	72.09	-1,001.04	7,221.60	440.21	222.50	217.70	2.022	
13,300.00	7,097.05	13,255.25	6,961.50	113.53	113.84	72.08	-1,000.91	7,321.60	440.55	219.68	220.87	1.995	
13,400.00	7,096.70	13,355.25	6,960.97	115.17	115.48	72.07	-1,000.77	7,421.59	440.90	216.86	224.04	1.968	
13,500.00	7,096.35	13,455.25	6,960.44	116.82	117.13	72.06	-1,000.63	7,521.59	441.25	214.03	227.21	1.942	
13,600.00	7,096.00	13,555.25	6,959.91	118.47	118.78	72.05	-1,000.50	7,621.59	441.59	211.21	230.39	1.917	
13,700.00	7,095.65	13,655.25	6,959.38	120.12	120.43	72.04	-1,000.36	7,721.59	441.94	208.38	233.56	1.892	
13,800.00	7,095.31	13,755.25	6,958.85	121.77	122.07	72.03	-1,000.22	7,821.58	442.28	205.55	236.73	1.868	
13,900.00	7,094.96	13,855.25	6,958.32	123.42	123.72	72.02	-1,000.09	7,921.58	442.63	202.72	239.91	1.845	
14,000.00	7,094.61	13,955.25	6,957.79	125.08	125.37	72.01	-999.95	8,021.58	442.97	199.89	243.08	1.822	
14,100.00	7,094.26	14,055.25	6,957.26	126.73	127.02	72.00	-999.81	8,121.58	443.32	197.06	246.26	1.800	
14,200.00	7,093.91	14,155.25	6,956.73	128.38	128.68	71.99	-999.68	8,221.58	443.67	194.23	249.43	1.779	
14,300.00	7,093.56	14,255.25	6,956.20	130.04	130.33	71.98	-999.54	8,321.57	444.01	191.40	252.61	1.758	
14,400.00	7,093.21	14,355.25	6,955.67	131.69	131.98	71.97	-999.40	8,421.57	444.36	188.57	255.79	1.737	
14,500.00	7,092.86	14,455.25	6,955.14	133.34	133.63	71.96	-999.27	8,521.57	444.70	185.74	258.97	1.717	
14,600.00	7,092.51	14,555.25	6,954.61	135.00	135.28	71.95	-999.13	8,621.57	445.05	182.90	262.15	1.698	
14,700.00	7,092.16	14,655.24	6,954.08	136.66	136.94	71.94	-998.99	8,721.57	445.40	180.07	265.33	1.679	
14,800.00	7,091.81	14,755.24	6,953.55	138.31	138.59	71.93	-998.85	8,821.56	445.74	177.24	268.51	1.660	
14,900.00	7,091.46	14,855.24	6,953.02	139.97	140.25	71.92	-998.72	8,921.56	446.09	174.40	271.69	1.642	
15,000.00	7,091.12	14,955.24	6,952.49	141.62	141.90	71.91	-998.58	9,021.56	446.43	171.57	274.87	1.624	
15,100.00	7,090.77	15,055.24	6,951.96	143.28	143.56	71.90	-998.44	9,121.56	446.78	168.73	278.05	1.607	
15,200.00	7,090.42	15,155.24	6,951.43	144.94	145.21	71.89	-998.31	9,221.56	447.13	165.90	281.23	1.590	
15,300.00	7,090.07	15,255.24	6,950.90	146.60	146.87	71.88	-998.17	9,321.55	447.47	163.06	284.41	1.573	
15,400.00	7,089.72	15,355.24	6,950.37	148.25	148.53	71.87	-998.03	9,421.55	447.82	160.22	287.59	1.557	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-3A-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	
15,500.00	7,089.37	15,455.24	6,949.84	149.91	150.18	71.86	-997.90	9,521.55	448.16	157.39	290.78	1.541	
15,600.00	7,089.02	15,555.24	6,949.31	151.57	151.84	71.85	-997.76	9,621.55	448.51	154.55	293.96	1.526	
15,700.00	7,088.67	15,655.24	6,948.78	153.23	153.50	71.84	-997.62	9,721.54	448.86	151.71	297.14	1.511	
15,800.00	7,088.32	15,755.24	6,948.26	154.89	155.16	71.83	-997.49	9,821.54	449.20	148.88	300.33	1.496 Level 3	
15,900.00	7,087.97	15,855.24	6,947.73	156.55	156.81	71.82	-997.35	9,921.54	449.55	146.04	303.51	1.481 Level 3	
16,000.00	7,087.62	15,955.24	6,947.20	158.21	158.47	71.81	-997.21	10,021.54	449.89	143.20	306.69	1.467 Level 3	
16,100.00	7,087.28	16,055.24	6,946.67	159.87	160.13	71.80	-997.08	10,121.54	450.24	140.36	309.88	1.453 Level 3	
16,200.00	7,086.93	16,155.24	6,946.14	161.53	161.79	71.79	-996.94	10,221.53	450.59	137.52	313.06	1.439 Level 3	
16,300.00	7,086.58	16,255.23	6,945.61	163.19	163.45	71.78	-996.80	10,321.53	450.93	134.69	316.25	1.426 Level 3	
16,400.00	7,086.23	16,355.23	6,945.08	164.85	165.11	71.77	-996.67	10,421.53	451.28	131.85	319.43	1.413 Level 3	
16,500.00	7,085.88	16,455.23	6,944.55	166.51	166.77	71.76	-996.53	10,521.53	451.63	129.01	322.62	1.400 Level 3	
16,600.00	7,085.53	16,555.23	6,944.02	168.17	168.43	71.75	-996.39	10,621.53	451.97	126.17	325.80	1.387 Level 3	
16,700.00	7,085.18	16,655.23	6,943.49	169.83	170.09	71.74	-996.25	10,721.52	452.32	123.33	328.99	1.375 Level 3	
16,800.00	7,084.83	16,755.23	6,942.96	171.49	171.75	71.73	-996.12	10,821.52	452.66	120.49	332.17	1.363 Level 3	
16,900.00	7,084.48	16,855.23	6,942.43	173.16	173.41	71.72	-995.98	10,921.52	453.01	117.65	335.36	1.351 Level 3	
17,000.00	7,084.13	16,955.23	6,941.90	174.82	175.07	71.71	-995.84	11,021.52	453.36	114.81	338.55	1.339 Level 3	
17,100.00	7,083.78	17,055.23	6,941.37	176.48	176.73	71.70	-995.71	11,121.51	453.70	111.97	341.73	1.328 Level 3	
17,200.00	7,083.43	17,155.23	6,940.84	178.14	178.40	71.69	-995.57	11,221.51	454.05	109.13	344.92	1.316 Level 3	
17,300.00	7,083.09	17,255.23	6,940.31	179.81	180.06	71.69	-995.43	11,321.51	454.40	106.29	348.10	1.305 Level 3	
17,400.00	7,082.74	17,355.23	6,939.78	181.47	181.72	71.68	-995.30	11,421.51	454.74	103.45	351.29	1.294 Level 3	
17,500.00	7,082.39	17,455.23	6,939.25	183.13	183.38	71.67	-995.16	11,521.51	455.09	100.61	354.48	1.284 Level 3	
17,600.00	7,082.04	17,555.23	6,938.72	184.79	185.04	71.66	-995.02	11,621.50	455.43	97.77	357.66	1.273 Level 3, SF	
17,700.00	7,081.69	17,601.54	6,938.47	186.46	185.81	71.65	-994.96	11,667.82	458.93	100.26	358.68	1.280 Level 3	
17,800.00	7,081.34	17,601.54	6,938.47	188.12	185.81	71.65	-994.96	11,667.82	481.32	135.15	346.17	1.390 Level 3	
17,900.00	7,080.99	17,601.54	6,938.47	189.78	185.81	71.65	-994.96	11,667.82	522.23	198.89	323.33	1.615	
17,997.31	7,080.65	17,601.54	6,938.47	191.40	185.81	71.65	-994.96	11,667.82	576.08	278.84	297.24	1.938	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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		
4,800.00	4,729.86	14,608.27	7,134.87	13.07	225.06	94.66	-1,214.80	629.22	2,463.50	2,350.11	113.39	21.726		
4,900.00	4,828.21	14,626.07	7,135.25	13.37	225.58	93.54	-1,214.84	647.02	2,368.28	2,252.94	115.34	20.533		
5,000.00	4,926.57	14,643.87	7,135.63	13.67	226.10	92.39	-1,214.89	664.81	2,273.33	2,155.88	117.45	19.356		
5,100.00	5,024.92	14,661.67	7,136.00	13.97	226.63	91.20	-1,214.94	682.61	2,178.69	2,058.96	119.73	18.197		
5,200.00	5,123.27	14,679.47	7,136.38	14.28	227.15	89.99	-1,214.98	700.41	2,084.40	1,962.19	122.21	17.056		
5,300.00	5,221.62	14,702.73	7,136.76	14.59	227.83	88.74	-1,215.03	718.20	1,990.50	1,865.52	124.99	15.926		
5,400.00	5,319.97	14,715.08	7,137.14	14.90	228.20	87.47	-1,215.08	736.00	1,897.07	1,769.20	127.86	14.837		
5,500.00	5,418.32	14,732.88	7,137.52	15.21	228.72	86.16	-1,215.13	753.80	1,804.15	1,673.05	131.11	13.761		
5,600.00	5,516.67	14,750.68	7,137.90	15.52	229.24	84.82	-1,215.17	771.59	1,711.86	1,577.17	134.69	12.710		
5,700.00	5,615.02	14,768.48	7,138.28	15.84	229.77	83.46	-1,215.22	789.39	1,620.28	1,481.62	138.66	11.686		
5,800.00	5,713.37	14,786.28	7,138.66	16.15	230.29	82.06	-1,215.27	807.19	1,529.55	1,386.48	143.07	10.691		
5,900.00	5,811.72	14,804.08	7,139.04	16.47	230.82	80.64	-1,215.32	824.99	1,439.83	1,291.84	147.99	9.729		
6,000.00	5,910.07	14,821.88	7,139.42	16.79	231.34	79.19	-1,215.36	842.78	1,351.32	1,197.81	153.51	8.803		
6,100.00	6,008.42	14,839.68	7,139.79	17.11	231.86	77.71	-1,215.41	860.58	1,264.27	1,104.55	159.71	7.916		
6,200.00	6,106.78	14,857.49	7,140.17	17.43	232.39	76.21	-1,215.46	878.38	1,179.01	1,012.30	166.70	7.073		
6,300.00	6,205.13	14,875.29	7,140.55	17.76	232.91	74.68	-1,215.51	896.17	1,095.95	921.37	174.58	6.278		
6,400.00	6,303.48	14,906.91	7,140.93	18.08	233.84	73.13	-1,215.55	913.97	1,015.64	831.92	183.72	5.528		
6,500.00	6,401.83	14,910.89	7,141.31	18.41	233.96	71.56	-1,215.60	931.77	938.77	745.44	193.33	4.856		
6,600.00	6,500.18	14,928.69	7,141.69	18.73	234.48	69.97	-1,215.65	949.57	866.28	662.03	204.25	4.241		
6,700.00	6,598.49	14,946.70	7,142.07	19.06	235.01	73.22	-1,215.70	967.57	799.37	583.37	216.00	3.701		
6,800.00	6,694.58	14,974.64	7,142.67	19.45	235.83	88.58	-1,215.77	995.51	740.96	512.79	228.17	3.247		
6,900.00	6,785.47	15,017.24	7,143.58	19.92	237.09	94.39	-1,215.88	1,038.09	693.67	453.82	239.86	2.892		
7,000.00	6,868.90	15,073.45	7,144.77	20.48	238.74	95.93	-1,216.03	1,094.29	658.46	408.41	250.05	2.633		
7,100.00	6,942.84	15,141.88	7,146.23	21.13	240.76	95.00	-1,216.21	1,162.71	634.84	376.76	258.08	2.460		
7,200.00	7,005.45	15,220.86	7,147.91	21.87	243.08	92.72	-1,216.42	1,241.67	621.02	357.11	263.91	2.353		
7,300.00	7,055.21	15,308.43	7,149.78	22.70	245.66	89.99	-1,216.66	1,329.22	614.35	346.23	268.12	2.291		
7,400.00	7,090.87	15,402.45	7,151.78	23.61	248.43	87.58	-1,216.91	1,423.21	612.03	340.47	271.57	2.254		
7,470.10	7,106.98	15,470.95	7,153.24	24.30	250.45	86.41	-1,217.09	1,491.70	611.74	337.77	273.96	2.233 CC		
7,500.00	7,111.57	15,500.59	7,153.87	24.59	251.32	86.07	-1,217.17	1,521.33	611.77	336.74	275.03	2.224		
7,600.00	7,116.95	15,600.44	7,155.99	25.62	254.26	85.79	-1,217.43	1,621.16	612.18	333.23	278.95	2.195		
7,700.00	7,116.60	15,700.41	7,158.12	26.71	257.20	86.02	-1,217.70	1,721.11	612.71	329.59	283.12	2.164		
7,800.00	7,116.25	15,800.38	7,160.25	27.85	260.15	86.26	-1,217.97	1,821.05	613.25	325.92	287.33	2.134		
7,900.00	7,115.90	15,900.34	7,162.38	29.06	263.10	86.49	-1,218.23	1,920.99	613.80	322.20	291.59	2.105		
8,000.00	7,115.55	16,000.31	7,164.51	30.31	266.04	86.73	-1,218.50	2,020.94	614.36	318.46	295.89	2.076		
8,100.00	7,115.21	16,100.28	7,166.64	31.60	268.99	86.96	-1,218.76	2,120.88	614.93	314.70	300.23	2.048		
8,200.00	7,114.86	16,200.24	7,168.76	32.92	271.94	87.20	-1,219.03	2,220.83	615.51	310.92	304.59	2.021		
8,300.00	7,114.51	16,300.21	7,170.89	34.28	274.88	87.43	-1,219.30	2,320.77	616.10	307.12	308.98	1.994		
8,400.00	7,114.16	16,400.18	7,173.02	35.66	277.83	87.66	-1,219.56	2,420.71	616.70	303.31	313.39	1.968		
8,500.00	7,113.81	16,500.14	7,175.15	37.07	280.78	87.90	-1,219.83	2,520.66	617.31	299.50	317.82	1.942		
8,600.00	7,113.46	16,600.11	7,177.28	38.51	283.73	88.13	-1,220.09	2,620.60	617.94	295.67	322.26	1.917		
8,700.00	7,113.11	16,700.08	7,179.41	39.96	286.67	88.36	-1,220.36	2,720.55	618.57	291.85	326.72	1.893		
8,800.00	7,112.76	16,800.04	7,181.54	41.42	289.62	88.59	-1,220.62	2,820.49	619.21	288.02	331.19	1.870		
8,900.00	7,112.41	16,900.01	7,183.66	42.91	292.57	88.82	-1,220.89	2,920.43	619.86	284.19	335.67	1.847		
9,000.00	7,112.06	17,000.02	7,185.79	44.40	295.52	89.05	-1,221.16	3,020.38	620.52	280.36	340.16	1.824		
9,100.00	7,111.71	17,100.06	7,187.92	45.91	298.47	89.28	-1,221.42	3,120.32	621.19	276.53	344.66	1.802		
9,200.00	7,111.37	17,200.09	7,190.05	47.43	301.42	89.51	-1,221.69	3,220.26	621.87	272.71	349.16	1.781		
9,300.00	7,111.02	17,300.12	7,192.18	48.96	304.38	89.74	-1,221.95	3,320.21	622.57	268.89	353.67	1.760		
9,400.00	7,110.67	17,400.16	7,194.31	50.50	307.33	89.97	-1,222.22	3,420.15	623.27	265.08	358.19	1.740		
9,500.00	7,110.32	17,499.81	7,196.43	52.05	310.27	90.19	-1,222.49	3,520.10	623.98	261.29	362.69	1.720		
9,600.00	7,109.97	17,573.34	7,198.00	53.60	312.44	90.36	-1,222.68	3,593.61	625.26	258.99	366.27	1.707 ES, SF		
9,700.00	7,109.62	17,573.34	7,198.00	55.17	312.44	90.36	-1,222.68	3,593.61	638.08	276.39	361.68	1.764		
9,800.00	7,109.27	17,573.34	7,198.00	56.73	312.44	90.36	-1,222.68	3,593.61	665.83	316.33	349.51	1.905		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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
Survey Program: 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							
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
9,900.00	7,108.92	17,573.34	7,198.00	58.31	312.44	90.36	-1,222.68	3,593.61	706.77	374.56	332.21	2.127	
10,000.00	7,108.57	17,573.34	7,198.00	59.89	312.44	90.36	-1,222.68	3,593.61	758.76	446.39	312.38	2.429	
10,100.00	7,108.22	17,573.34	7,198.00	61.47	312.44	90.36	-1,222.68	3,593.61	819.70	527.68	292.02	2.807	
10,200.00	7,107.87	17,573.34	7,198.00	63.06	312.44	90.36	-1,222.68	3,593.61	887.75	615.34	272.41	3.259	
10,300.00	7,107.52	17,573.34	7,198.00	64.66	312.44	90.36	-1,222.68	3,593.61	961.40	707.18	254.22	3.782	
10,400.00	7,107.18	17,573.34	7,198.00	66.25	312.44	90.36	-1,222.68	3,593.61	1,039.47	801.76	237.71	4.373	
10,500.00	7,106.83	17,573.34	7,198.00	67.85	312.44	90.36	-1,222.68	3,593.61	1,121.02	898.13	222.89	5.029	
10,600.00	7,106.48	17,573.34	7,198.00	69.46	312.44	90.36	-1,222.68	3,593.61	1,205.35	995.68	209.67	5.749	
10,700.00	7,106.13	17,573.34	7,198.00	71.07	312.44	90.36	-1,222.68	3,593.61	1,291.92	1,094.02	197.91	6.528	
10,800.00	7,105.78	17,573.34	7,198.00	72.68	312.44	90.36	-1,222.68	3,593.61	1,380.31	1,192.88	187.43	7.364	
10,900.00	7,105.43	17,573.34	7,198.00	74.29	312.44	90.36	-1,222.68	3,593.61	1,470.19	1,292.10	178.09	8.255	
11,000.00	7,105.08	17,573.34	7,198.00	75.91	312.44	90.36	-1,222.68	3,593.61	1,561.30	1,391.55	169.74	9.198	
11,100.00	7,104.73	17,573.34	7,198.00	77.52	312.44	90.36	-1,222.68	3,593.61	1,653.43	1,491.17	162.26	10.190	
11,200.00	7,104.38	17,573.34	7,198.00	79.14	312.44	90.36	-1,222.68	3,593.61	1,746.43	1,590.91	155.53	11.229	
11,300.00	7,104.03	17,573.34	7,198.00	80.77	312.44	90.36	-1,222.68	3,593.61	1,840.17	1,690.71	149.46	12.312	
11,400.00	7,103.68	17,573.34	7,198.00	82.39	312.44	90.36	-1,222.68	3,593.61	1,934.53	1,790.57	143.96	13.438	
11,500.00	7,103.34	17,573.34	7,198.00	84.02	312.44	90.36	-1,222.68	3,593.61	2,029.44	1,890.46	138.97	14.603	
11,600.00	7,102.99	17,573.34	7,198.00	85.65	312.44	90.36	-1,222.68	3,593.61	2,124.81	1,990.38	134.43	15.806	
11,700.00	7,102.64	17,573.34	7,198.00	87.28	312.44	90.36	-1,222.68	3,593.61	2,220.58	2,090.30	130.28	17.044	
11,800.00	7,102.29	17,573.34	7,198.00	88.91	312.44	90.36	-1,222.68	3,593.61	2,316.72	2,190.23	126.49	18.316	
11,900.00	7,101.94	17,573.34	7,198.00	90.54	312.44	90.36	-1,222.68	3,593.61	2,413.17	2,290.17	123.00	19.619	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys													Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD													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		
7,600.00	7,116.95	7,140.00	6,613.07	25.62	57.29	55.65	-1,316.49	3,918.23	2,454.97	2,378.81	76.16	32.235		
7,700.00	7,116.60	7,140.00	6,613.07	26.71	57.29	55.65	-1,316.49	3,918.23	2,361.75	2,285.47	76.28	30.962		
7,800.00	7,116.25	7,140.00	6,613.07	27.85	57.29	55.65	-1,316.49	3,918.23	2,269.11	2,192.69	76.43	29.691		
7,900.00	7,115.90	7,181.87	6,651.86	29.06	57.66	57.39	-1,304.76	3,928.61	2,174.32	2,097.25	77.07	28.212		
8,000.00	7,115.55	7,186.38	6,655.98	30.31	57.70	57.58	-1,303.52	3,930.02	2,082.42	2,005.08	77.34	26.924		
8,100.00	7,115.21	7,191.27	6,660.41	31.60	57.74	57.79	-1,302.19	3,931.60	1,991.23	1,913.57	77.66	25.639		
8,200.00	7,114.86	7,196.58	6,665.20	32.92	57.79	58.01	-1,300.76	3,933.39	1,900.84	1,822.80	78.04	24.357		
8,300.00	7,114.51	7,235.00	6,699.03	34.28	58.13	59.69	-1,290.70	3,948.51	1,813.08	1,734.24	78.84	22.996		
8,400.00	7,114.16	7,235.00	6,699.03	35.66	58.13	59.69	-1,290.70	3,948.51	1,724.02	1,644.73	79.29	21.742		
8,500.00	7,113.81	7,235.00	6,699.03	37.07	58.13	59.69	-1,290.70	3,948.51	1,636.23	1,556.41	79.82	20.500		
8,600.00	7,113.46	7,235.00	6,699.03	38.51	58.13	59.69	-1,290.70	3,948.51	1,549.91	1,469.49	80.42	19.272		
8,700.00	7,113.11	7,235.00	6,699.03	39.96	58.13	59.69	-1,290.70	3,948.51	1,465.34	1,384.22	81.12	18.065		
8,800.00	7,112.76	7,235.00	6,699.03	41.42	58.13	59.69	-1,290.70	3,948.51	1,382.82	1,300.92	81.90	16.885		
8,900.00	7,112.41	7,235.00	6,699.03	42.91	58.13	59.69	-1,290.70	3,948.51	1,302.76	1,219.99	82.76	15.741		
9,000.00	7,112.06	7,274.13	6,732.05	44.40	58.55	61.43	-1,280.93	3,967.08	1,223.77	1,139.37	84.40	14.499		
9,100.00	7,111.71	7,292.02	6,746.69	45.91	58.74	62.23	-1,276.57	3,976.38	1,148.04	1,062.23	85.81	13.379		
9,200.00	7,111.37	7,329.00	6,776.00	47.43	59.13	63.92	-1,267.81	3,997.15	1,075.71	988.03	87.68	12.268		
9,300.00	7,111.02	7,338.89	6,783.62	48.96	59.26	64.37	-1,265.48	4,003.01	1,006.13	916.96	89.17	11.283		
9,400.00	7,110.67	7,385.39	6,818.39	50.50	59.84	66.48	-1,253.75	4,031.56	940.03	848.46	91.57	10.266		
9,500.00	7,110.32	7,423.00	6,845.22	52.05	60.31	68.17	-1,243.32	4,055.76	876.96	783.12	93.85	9.345		
9,600.00	7,109.97	7,467.01	6,874.67	53.60	60.94	70.10	-1,230.64	4,085.88	817.93	721.51	96.42	8.483		
9,700.00	7,109.62	7,518.00	6,905.59	55.17	61.69	72.24	-1,216.02	4,123.69	764.16	664.98	99.18	7.705		
9,800.00	7,109.27	7,561.82	6,929.73	56.73	62.39	73.99	-1,203.47	4,158.02	715.15	613.42	101.73	7.030		
9,900.00	7,108.92	7,612.00	6,955.24	58.31	63.20	75.93	-1,188.95	4,198.72	670.67	566.32	104.34	6.427		
10,000.00	7,108.57	7,674.20	6,984.57	59.89	64.23	78.33	-1,172.30	4,250.97	631.42	524.10	107.32	5.884		
10,100.00	7,108.22	7,707.00	6,999.34	61.47	64.78	79.62	-1,164.68	4,279.24	599.45	490.96	108.49	5.526		
10,200.00	7,107.87	7,761.05	7,019.76	63.06	65.64	81.50	-1,155.13	4,328.29	575.93	465.70	110.23	5.225		
10,300.00	7,107.52	7,806.86	7,031.29	64.66	66.39	82.62	-1,150.80	4,372.38	562.78	452.05	110.73	5.082		
10,400.00	7,107.18	7,884.54	7,044.66	66.25	67.60	83.96	-1,147.07	4,448.79	556.28	442.95	113.34	4.908		
10,500.00	7,106.83	7,963.75	7,053.51	67.85	68.90	84.89	-1,145.63	4,527.47	553.77	437.92	115.85	4.780		
10,516.93	7,106.77	7,977.26	7,054.54	68.13	69.13	85.00	-1,145.63	4,540.94	553.72	437.44	116.27	4.762 CC		
10,600.00	7,106.48	8,057.97	7,059.57	69.46	70.48	85.56	-1,146.03	4,621.50	554.04	434.37	119.67	4.630		
10,700.00	7,106.13	8,156.60	7,064.94	71.07	72.23	86.15	-1,146.59	4,719.98	554.63	430.68	123.94	4.475		
10,800.00	7,105.78	8,251.26	7,069.19	72.68	74.00	86.63	-1,147.57	4,814.53	555.81	427.91	127.90	4.346		
10,900.00	7,105.43	8,349.82	7,072.78	74.29	75.94	87.05	-1,149.26	4,913.01	557.74	425.46	132.28	4.216		
11,000.00	7,105.08	8,465.59	7,075.25	75.91	78.33	87.35	-1,151.04	5,011.56	559.84	422.64	137.20	4.080		
11,100.00	7,104.73	8,548.36	7,076.99	77.52	80.12	87.57	-1,152.95	5,111.47	562.10	420.80	141.30	3.978		
11,200.00	7,104.38	8,643.44	7,078.50	79.14	82.24	87.77	-1,155.15	5,206.52	564.78	419.33	145.45	3.883		
11,300.00	7,104.03	8,739.34	7,079.92	80.77	84.44	87.96	-1,158.14	5,302.36	568.27	418.55	149.72	3.796		
11,400.00	7,103.68	8,840.17	7,081.22	82.39	86.83	88.14	-1,161.55	5,403.12	572.04	417.51	154.52	3.702		
11,500.00	7,103.34	8,934.63	7,081.67	84.02	89.13	88.23	-1,165.13	5,497.52	576.23	417.54	158.69	3.631		
11,600.00	7,102.99	9,030.49	7,081.67	85.65	91.52	88.28	-1,169.50	5,593.28	581.22	418.20	163.02	3.565		
11,700.00	7,102.64	9,128.30	7,081.47	87.28	94.01	88.31	-1,174.55	5,690.96	586.82	419.23	167.59	3.502		
11,800.00	7,102.29	9,241.78	7,081.08	88.91	96.98	88.32	-1,179.28	5,804.33	591.44	417.62	173.81	3.403		
11,900.00	7,101.94	9,351.08	7,080.71	90.54	99.95	88.33	-1,181.22	5,913.62	593.61	414.04	179.57	3.306		
12,000.00	7,101.59	9,447.03	7,080.43	92.18	102.61	88.34	-1,182.76	6,009.56	595.67	411.65	184.02	3.237		
12,100.00	7,101.24	9,542.46	7,079.47	93.81	105.28	88.29	-1,185.14	6,104.94	598.61	410.19	188.42	3.177		
12,200.00	7,100.89	9,638.67	7,077.76	95.45	108.01	88.17	-1,188.03	6,201.10	602.10	409.20	192.90	3.121		
12,300.00	7,100.54	9,735.32	7,076.03	97.09	110.79	88.05	-1,191.63	6,297.66	606.32	408.89	197.43	3.071		
12,400.00	7,100.19	9,839.75	7,074.05	98.73	113.82	87.91	-1,195.55	6,402.00	610.58	407.80	202.78	3.011		
12,500.00	7,099.84	9,957.61	7,071.79	100.37	117.30	87.75	-1,197.79	6,519.81	613.01	403.60	209.41	2.927		
12,600.00	7,099.49	10,069.04	7,069.65	102.01	120.65	87.58	-1,196.92	6,631.22	612.72	397.39	215.33	2.845		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys												Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD												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	
12,700.00	7,099.15	10,167.10	7,068.89	103.65	123.64	87.54	-1,195.55	6,729.26	611.79	391.71	220.08	2.780	
12,800.00	7,098.80	10,265.57	7,068.96	105.29	126.67	87.58	-1,194.44	6,827.73	611.08	386.19	224.90	2.717	
12,876.98	7,098.53	10,339.17	7,068.89	106.56	128.94	87.59	-1,193.92	6,901.33	610.87	382.46	228.41	2.674	
12,900.00	7,098.45	10,361.21	7,068.86	106.94	129.62	87.60	-1,193.84	6,923.36	610.89	381.43	229.46	2.662	
13,000.00	7,098.10	10,457.39	7,068.90	108.58	132.60	87.64	-1,193.92	7,019.54	611.40	377.32	234.08	2.612	
13,100.00	7,097.75	10,554.77	7,068.73	110.23	135.64	87.66	-1,194.39	7,116.93	612.31	373.50	238.81	2.564	
13,200.00	7,097.40	10,646.63	7,068.41	111.88	138.51	87.66	-1,195.71	7,208.78	614.19	371.20	242.99	2.528	
13,300.00	7,097.05	10,739.77	7,068.09	113.53	141.42	87.67	-1,198.22	7,301.88	617.33	370.05	247.28	2.496	
13,400.00	7,096.70	10,838.91	7,067.75	115.17	144.53	87.69	-1,201.64	7,400.96	621.20	369.01	252.19	2.463	
13,500.00	7,096.35	10,954.08	7,067.64	116.82	148.16	87.73	-1,204.27	7,516.10	623.94	365.23	258.72	2.412	
13,600.00	7,096.00	11,079.60	7,067.55	118.47	152.18	87.76	-1,202.94	7,641.60	623.34	357.40	265.94	2.344	
13,700.00	7,095.65	11,178.66	7,067.27	120.12	155.37	87.75	-1,199.42	7,740.60	620.23	349.37	270.86	2.290	
13,800.00	7,095.31	11,269.10	7,067.20	121.77	158.29	87.77	-1,197.33	7,831.01	618.35	343.28	275.07	2.248	
13,900.00	7,094.96	11,364.70	7,067.26	123.42	161.39	87.80	-1,196.36	7,926.60	617.76	338.05	279.70	2.209	
13,997.11	7,094.62	11,459.57	7,067.05	125.03	164.46	87.81	-1,195.77	8,021.48	617.58	333.20	284.38	2.172	
14,000.00	7,094.61	11,462.40	7,067.04	125.08	164.56	87.81	-1,195.76	8,024.31	617.58	333.07	284.52	2.171	
14,100.00	7,094.26	11,558.52	7,066.82	126.73	167.68	87.83	-1,195.63	8,120.42	617.88	328.70	289.18	2.137	
14,200.00	7,093.91	11,661.63	7,066.75	128.38	171.03	87.85	-1,195.69	8,223.53	618.38	323.88	294.50	2.100	
14,300.00	7,093.56	11,768.82	7,066.74	130.04	174.52	87.89	-1,194.77	8,330.72	617.95	317.78	300.17	2.059	
14,400.00	7,093.21	11,871.70	7,066.61	131.69	177.89	87.90	-1,192.82	8,433.58	616.49	311.05	305.44	2.018	
14,460.35	7,093.00	11,922.84	7,066.51	132.69	179.56	87.91	-1,192.22	8,484.72	616.04	308.37	307.66	2.002	
14,500.00	7,092.86	11,955.00	7,066.49	133.34	180.62	87.92	-1,192.23	8,516.88	616.23	307.28	308.96	1.995	
14,600.00	7,092.51	12,036.31	7,066.36	135.00	183.27	87.94	-1,193.98	8,598.17	618.85	306.79	312.06	1.983	
14,700.00	7,092.16	12,124.29	7,066.11	136.66	186.14	87.96	-1,198.28	8,686.03	624.15	308.42	315.73	1.977	
14,800.00	7,091.81	12,220.76	7,065.83	138.31	189.27	87.98	-1,204.17	8,782.33	630.69	310.31	320.38	1.969	
14,900.00	7,091.46	12,331.16	7,065.42	139.97	192.87	88.00	-1,210.31	8,892.55	636.70	310.04	326.66	1.949	
15,000.00	7,091.12	12,441.87	7,065.23	141.62	196.50	88.04	-1,214.46	9,003.19	640.89	308.00	332.89	1.925	
15,100.00	7,090.77	12,553.78	7,065.28	143.28	200.19	88.08	-1,216.56	9,115.08	643.18	304.04	339.14	1.897	
15,200.00	7,090.42	12,656.80	7,065.18	144.94	203.60	88.11	-1,217.17	9,218.09	644.20	299.72	344.48	1.870	
15,300.00	7,090.07	12,751.50	7,065.00	146.60	206.74	88.13	-1,218.00	9,312.79	645.52	296.48	349.03	1.849	
15,400.00	7,089.72	12,845.02	7,064.70	148.25	209.85	88.13	-1,219.81	9,406.29	647.89	294.43	353.46	1.833	
15,500.00	7,089.37	12,941.82	7,064.36	149.91	213.06	88.14	-1,222.40	9,503.05	651.01	292.81	358.20	1.817	
15,600.00	7,089.02	13,037.16	7,064.03	151.57	216.22	88.15	-1,225.32	9,598.34	654.51	291.73	362.77	1.804	
15,700.00	7,088.67	13,136.94	7,063.70	153.23	219.53	88.17	-1,229.27	9,698.05	658.91	291.08	367.83	1.791	
15,800.00	7,088.32	13,247.52	7,063.48	154.89	223.21	88.19	-1,232.29	9,808.58	662.07	288.08	373.98	1.770	
15,900.00	7,087.97	13,355.84	7,063.35	156.55	226.82	88.22	-1,233.73	9,916.89	663.83	283.99	379.84	1.748	
16,000.00	7,087.62	13,471.26	7,063.17	158.21	230.68	88.24	-1,233.32	10,032.31	663.92	277.72	386.20	1.719	
16,100.00	7,087.28	13,578.71	7,062.80	159.87	234.28	88.23	-1,230.77	10,139.73	661.98	270.17	391.81	1.690	
16,200.00	7,086.93	13,669.09	7,062.58	161.53	237.32	88.24	-1,228.97	10,230.09	660.43	264.29	396.14	1.667	
16,270.67	7,086.68	13,734.21	7,062.42	162.70	239.51	88.24	-1,228.41	10,295.21	660.13	260.87	399.26	1.653	
16,300.00	7,086.58	13,761.40	7,062.33	163.19	240.42	88.24	-1,228.34	10,322.40	660.18	259.61	400.57	1.648	
16,400.00	7,086.23	13,855.83	7,062.09	164.85	243.59	88.25	-1,228.64	10,416.83	660.94	255.80	405.14	1.631	
16,500.00	7,085.88	13,952.72	7,061.73	166.51	246.84	88.25	-1,229.61	10,513.71	662.37	252.45	409.93	1.616	
16,600.00	7,085.53	14,056.95	7,061.41	168.17	250.34	88.26	-1,230.70	10,617.94	663.87	248.48	415.39	1.598	
16,700.00	7,085.18	14,175.84	7,061.05	169.83	254.34	88.26	-1,229.68	10,736.81	663.45	241.46	422.00	1.572	
16,800.00	7,084.83	14,285.26	7,060.66	171.49	258.03	88.26	-1,226.09	10,846.17	660.59	232.89	427.70	1.545	
16,900.00	7,084.48	14,381.63	7,060.33	173.16	261.28	88.25	-1,222.60	10,942.48	657.42	224.90	432.52	1.520	
17,000.00	7,084.13	14,471.66	7,060.01	174.82	264.32	88.24	-1,220.34	11,032.48	655.36	218.50	436.86	1.500	
17,100.00	7,083.78	14,566.58	7,059.68	176.48	267.53	88.24	-1,219.35	11,127.40	654.75	213.22	441.53	1.483 Level 3	
17,175.03	7,083.52	14,638.71	7,059.45	177.73	269.96	88.24	-1,218.79	11,199.53	654.50	209.41	445.09	1.470 Level 3	
17,200.00	7,083.43	14,661.76	7,059.41	178.14	270.74	88.25	-1,218.73	11,222.58	654.54	208.34	446.20	1.467 Level 3	
17,300.00	7,083.09	14,755.22	7,059.36	179.81	273.89	88.27	-1,219.10	11,316.03	655.37	204.68	450.69	1.454 Level 3	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		25-SRC Energy_ISCWSA REV 2 MWD										<b>Offset Well Error:</b>	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
17,400.00	7,082.74	14,861.10	7,059.18	181.47	277.47	88.29	-1,219.89	11,421.91	656.57	200.26	456.31	1.439	Level 3
17,500.00	7,082.39	14,977.29	7,059.05	183.13	281.39	88.31	-1,218.45	11,538.08	655.78	193.11	462.67	1.417	Level 3
17,600.00	7,082.04	15,093.84	7,058.03	184.79	285.33	88.25	-1,214.03	11,654.54	652.43	183.69	468.74	1.392	Level 3
17,700.00	7,081.69	15,192.24	7,056.27	186.46	288.66	88.11	-1,209.40	11,752.82	648.21	174.54	473.68	1.368	Level 3
17,800.00	7,081.34	15,292.11	7,054.36	188.12	292.04	87.96	-1,204.26	11,852.54	643.57	164.89	478.68	1.344	Level 3
17,900.00	7,080.99	15,386.93	7,052.66	189.78	295.25	87.83	-1,200.47	11,947.27	640.05	156.65	483.40	1.324	Level 3
17,997.31	7,080.65	15,495.78	7,050.87	191.40	298.94	87.68	-1,194.57	12,055.93	635.20	146.31	488.89	1.299	Level 3, ES, SF

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr										Offset Site Error:	
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	
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	
7,800.00	7,116.25	7,159.44	6,721.75	27.85	55.92	70.17	-1,630.97	3,970.31	2,410.66	2,334.78	75.88	31.771	
7,900.00	7,115.90	7,200.00	6,757.49	29.06	56.32	71.73	-1,617.95	3,984.36	2,323.27	2,246.63	76.64	30.313	
8,000.00	7,115.55	7,200.00	6,757.49	30.31	56.32	71.73	-1,617.95	3,984.36	2,235.11	2,158.06	77.05	29.008	
8,100.00	7,115.21	7,200.00	6,757.49	31.60	56.32	71.73	-1,617.95	3,984.36	2,148.00	2,070.46	77.54	27.703	
8,200.00	7,114.86	7,200.00	6,757.49	32.92	56.32	71.73	-1,617.95	3,984.36	2,062.05	1,983.95	78.10	26.403	
8,300.00	7,114.51	7,200.00	6,757.49	34.28	56.32	71.73	-1,617.95	3,984.36	1,977.42	1,898.67	78.75	25.109	
8,400.00	7,114.16	7,200.00	6,757.49	35.66	56.32	71.73	-1,617.95	3,984.36	1,894.29	1,814.79	79.50	23.827	
8,500.00	7,113.81	7,200.00	6,757.49	37.07	56.32	71.73	-1,617.95	3,984.36	1,812.87	1,732.52	80.35	22.562	
8,600.00	7,113.46	7,200.00	6,757.49	38.51	56.32	71.73	-1,617.95	3,984.36	1,733.39	1,652.09	81.30	21.321	
8,700.00	7,113.11	7,239.88	6,791.64	39.96	56.77	73.29	-1,605.53	4,000.77	1,654.46	1,571.61	82.85	19.968	
8,800.00	7,112.76	7,253.10	6,802.72	41.42	56.92	73.80	-1,601.51	4,006.76	1,578.46	1,494.27	84.19	18.748	
8,900.00	7,112.41	7,267.60	6,814.71	42.91	57.09	74.37	-1,597.15	4,013.64	1,504.85	1,419.19	85.66	17.568	
9,000.00	7,112.06	7,300.00	6,840.90	44.40	57.46	75.65	-1,587.64	4,030.18	1,434.20	1,346.75	87.45	16.401	
9,100.00	7,111.71	7,300.00	6,840.90	45.91	57.46	75.65	-1,587.64	4,030.18	1,366.00	1,277.08	88.92	15.362	
9,200.00	7,111.37	7,300.00	6,840.90	47.43	57.46	75.65	-1,587.64	4,030.18	1,301.91	1,211.50	90.42	14.399	
9,300.00	7,111.02	7,342.37	6,873.75	48.96	58.00	77.30	-1,575.72	4,054.12	1,240.70	1,148.02	92.68	13.386	
9,400.00	7,110.67	7,366.52	6,891.71	50.50	58.31	78.23	-1,569.21	4,068.90	1,184.12	1,089.48	94.65	12.511	
9,500.00	7,110.32	7,400.00	6,915.60	52.05	58.75	79.50	-1,560.57	4,090.70	1,132.19	1,035.43	96.76	11.701	
9,600.00	7,109.97	7,423.67	6,931.74	53.60	59.08	80.38	-1,554.73	4,106.98	1,085.16	986.50	98.65	11.000	
9,700.00	7,109.62	7,457.44	6,953.67	55.17	59.56	81.59	-1,546.81	4,131.42	1,043.50	942.85	100.65	10.368	
9,800.00	7,109.27	7,500.00	6,979.31	56.73	60.16	83.05	-1,537.58	4,164.09	1,007.45	904.73	102.71	9.808	
9,900.00	7,108.92	7,537.43	6,999.92	58.31	60.73	84.25	-1,530.17	4,194.43	977.05	872.55	104.51	9.349	
10,000.00	7,108.57	7,600.00	7,030.09	59.89	61.68	86.06	-1,519.36	4,248.14	952.58	845.62	106.96	8.906	
10,100.00	7,108.22	7,635.86	7,044.85	61.47	62.25	86.96	-1,514.09	4,280.39	933.14	824.86	108.27	8.618	
10,200.00	7,107.87	7,700.00	7,066.42	63.06	63.29	88.30	-1,506.46	4,340.27	919.12	808.56	110.56	8.314	
10,300.00	7,107.52	7,752.02	7,079.21	64.66	64.14	89.11	-1,501.99	4,390.48	909.72	797.54	112.19	8.109	
10,400.00	7,107.18	7,815.01	7,088.90	66.25	65.20	89.74	-1,498.71	4,452.60	904.71	790.50	114.21	7.922	
10,475.15	7,106.91	7,863.44	7,091.96	67.46	66.01	89.94	-1,497.79	4,500.91	903.60	787.87	115.73	7.808 CC	
10,500.00	7,106.83	7,880.48	7,092.13	67.85	66.30	89.95	-1,497.81	4,517.95	903.72	787.44	116.28	7.772	
10,600.00	7,106.48	7,980.47	7,092.13	69.46	68.02	89.98	-1,498.23	4,617.94	904.59	784.15	120.43	7.511	
10,700.00	7,106.13	8,080.47	7,092.13	71.07	69.85	90.00	-1,498.65	4,717.94	905.45	780.76	124.69	7.262	
10,800.00	7,105.78	8,180.46	7,092.13	72.68	71.79	90.02	-1,499.08	4,817.93	906.32	777.29	129.03	7.024	
10,900.00	7,105.43	8,280.46	7,092.13	74.29	73.84	90.04	-1,499.50	4,917.93	907.18	773.73	133.45	6.798	
11,000.00	7,105.08	8,380.46	7,092.13	75.91	75.98	90.06	-1,499.93	5,017.92	908.05	770.11	137.94	6.583	
11,100.00	7,104.73	8,480.45	7,092.13	77.52	78.22	90.09	-1,500.35	5,117.91	908.92	766.43	142.49	6.379	
11,200.00	7,104.38	8,580.45	7,092.13	79.14	80.54	90.11	-1,500.78	5,217.91	909.79	762.70	147.09	6.185	
11,300.00	7,104.03	8,680.44	7,092.13	80.77	82.95	90.13	-1,501.20	5,317.90	910.65	758.92	151.73	6.002	
11,400.00	7,103.68	8,780.44	7,092.13	82.39	85.43	90.15	-1,501.63	5,417.90	911.52	755.11	156.41	5.828	
11,500.00	7,103.34	8,880.43	7,092.13	84.02	87.97	90.17	-1,502.05	5,517.89	912.39	751.26	161.13	5.662	
11,600.00	7,102.99	8,980.43	7,092.13	85.65	90.59	90.20	-1,502.48	5,617.89	913.26	747.38	165.88	5.506	
11,700.00	7,102.64	9,080.43	7,092.13	87.28	93.26	90.22	-1,502.90	5,717.88	914.12	743.47	170.66	5.357	
11,800.00	7,102.29	9,180.42	7,092.13	88.91	95.98	90.24	-1,503.33	5,817.88	914.99	739.54	175.46	5.215	
11,900.00	7,101.94	9,280.42	7,092.13	90.54	98.76	90.26	-1,503.75	5,917.87	915.86	735.58	180.28	5.080	
12,000.00	7,101.59	9,380.41	7,092.13	92.18	101.58	90.28	-1,504.18	6,017.87	916.73	731.61	185.12	4.952	
12,100.00	7,101.24	9,480.41	7,092.13	93.81	104.44	90.30	-1,504.60	6,117.86	917.60	727.62	189.98	4.830	
12,200.00	7,100.89	9,580.40	7,092.13	95.45	107.34	90.33	-1,505.02	6,217.86	918.46	723.61	194.85	4.714	
12,300.00	7,100.54	9,680.40	7,092.13	97.09	110.28	90.35	-1,505.45	6,317.85	919.33	719.59	199.74	4.603	
12,400.00	7,100.19	9,780.39	7,092.13	98.73	113.24	90.37	-1,505.87	6,417.85	920.20	715.55	204.65	4.497	
12,500.00	7,099.84	9,880.39	7,092.13	100.37	116.24	90.39	-1,506.30	6,517.84	921.07	711.51	209.56	4.395	
12,600.00	7,099.49	9,980.39	7,092.13	102.01	119.26	90.41	-1,506.72	6,617.84	921.94	707.45	214.49	4.298	
12,700.00	7,099.15	10,080.38	7,092.13	103.65	122.31	90.43	-1,507.15	6,717.83	922.81	703.38	219.43	4.206	
12,800.00	7,098.80	10,180.38	7,092.13	105.29	125.38	90.45	-1,507.57	6,817.83	923.68	699.30	224.37	4.117	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												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
12,900.00	7,098.45	10,280.37	7,092.13	106.94	128.47	90.47	-1,508.00	6,917.82	924.55	695.22	229.33	4.032	
13,000.00	7,098.10	10,380.37	7,092.13	108.58	131.58	90.50	-1,508.42	7,017.81	925.42	691.12	234.29	3.950	
13,100.00	7,097.75	10,480.36	7,092.13	110.23	134.71	90.52	-1,508.85	7,117.81	926.28	687.02	239.26	3.871	
13,200.00	7,097.40	10,580.36	7,092.13	111.88	137.86	90.54	-1,509.27	7,217.80	927.15	682.91	244.24	3.796	
13,300.00	7,097.05	10,680.36	7,092.13	113.53	141.02	90.56	-1,509.70	7,317.80	928.02	678.80	249.22	3.724	
13,400.00	7,096.70	10,780.35	7,092.13	115.17	144.19	90.58	-1,510.12	7,417.79	928.89	674.68	254.21	3.654	
13,500.00	7,096.35	10,880.35	7,092.13	116.82	147.38	90.60	-1,510.55	7,517.79	929.76	670.55	259.21	3.587	
13,600.00	7,096.00	10,980.34	7,092.13	118.47	150.58	90.62	-1,510.97	7,617.78	930.63	666.42	264.21	3.522	
13,700.00	7,095.65	11,080.34	7,092.13	120.12	153.80	90.64	-1,511.39	7,717.78	931.50	662.29	269.21	3.460	
13,800.00	7,095.31	11,180.33	7,092.13	121.77	157.02	90.66	-1,511.82	7,817.77	932.38	658.15	274.22	3.400	
13,900.00	7,094.96	11,280.33	7,092.13	123.42	160.25	90.68	-1,512.24	7,917.77	933.25	654.01	279.24	3.342	
14,000.00	7,094.61	11,380.33	7,092.13	125.08	163.50	90.71	-1,512.67	8,017.76	934.12	649.86	284.26	3.286	
14,100.00	7,094.26	11,480.32	7,092.13	126.73	166.75	90.73	-1,513.09	8,117.76	934.99	645.71	289.28	3.232	
14,200.00	7,093.91	11,580.32	7,092.13	128.38	170.01	90.75	-1,513.52	8,217.75	935.86	641.55	294.30	3.180	
14,300.00	7,093.56	11,680.31	7,092.13	130.04	173.27	90.77	-1,513.94	8,317.75	936.73	637.40	299.33	3.129	
14,400.00	7,093.21	11,780.31	7,092.13	131.69	176.55	90.79	-1,514.37	8,417.74	937.60	633.24	304.36	3.081	
14,500.00	7,092.86	11,880.30	7,092.13	133.34	179.83	90.81	-1,514.79	8,517.74	938.47	629.07	309.40	3.033	
14,600.00	7,092.51	11,980.30	7,092.13	135.00	183.12	90.83	-1,515.22	8,617.73	939.34	624.91	314.43	2.987	
14,700.00	7,092.16	12,080.29	7,092.13	136.66	186.41	90.85	-1,515.64	8,717.73	940.21	620.74	319.47	2.943	
14,800.00	7,091.81	12,180.29	7,092.13	138.31	189.71	90.87	-1,516.07	8,817.72	941.09	616.57	324.52	2.900	
14,900.00	7,091.46	12,280.29	7,092.13	139.97	193.02	90.89	-1,516.49	8,917.71	941.96	612.40	329.56	2.858	
15,000.00	7,091.12	12,380.28	7,092.13	141.62	196.33	90.91	-1,516.92	9,017.71	942.83	608.22	334.61	2.818	
15,100.00	7,090.77	12,480.28	7,092.13	143.28	199.64	90.93	-1,517.34	9,117.70	943.70	604.04	339.66	2.778	
15,200.00	7,090.42	12,580.27	7,092.13	144.94	202.96	90.95	-1,517.76	9,217.70	944.57	599.87	344.71	2.740	
15,300.00	7,090.07	12,680.27	7,092.13	146.60	206.29	90.97	-1,518.19	9,317.69	945.45	595.69	349.76	2.703	
15,400.00	7,089.72	12,780.26	7,092.13	148.25	209.61	90.99	-1,518.61	9,417.69	946.32	591.50	354.81	2.667	
15,500.00	7,089.37	12,880.26	7,092.13	149.91	212.95	91.01	-1,519.04	9,517.68	947.19	587.32	359.87	2.632	
15,600.00	7,089.02	12,980.26	7,092.13	151.57	216.28	91.03	-1,519.46	9,617.68	948.06	583.13	364.93	2.598	
15,700.00	7,088.67	13,080.25	7,092.13	153.23	219.62	91.05	-1,519.89	9,717.67	948.94	578.95	369.99	2.565	
15,800.00	7,088.32	13,180.25	7,092.13	154.89	222.96	91.07	-1,520.31	9,817.67	949.81	574.76	375.05	2.532	
15,900.00	7,087.97	13,280.24	7,092.13	156.55	226.31	91.09	-1,520.74	9,917.66	950.68	570.57	380.11	2.501	
16,000.00	7,087.62	13,380.24	7,092.13	158.21	229.66	91.11	-1,521.16	10,017.66	951.55	566.38	385.18	2.470	
16,100.00	7,087.28	13,480.23	7,092.13	159.87	233.01	91.13	-1,521.59	10,117.65	952.43	562.19	390.24	2.441	
16,200.00	7,086.93	13,580.23	7,092.13	161.53	236.37	91.15	-1,522.01	10,217.65	953.30	557.99	395.31	2.412	
16,300.00	7,086.58	13,680.22	7,092.13	163.19	239.72	91.17	-1,522.44	10,317.64	954.17	553.80	400.37	2.383	
16,400.00	7,086.23	13,780.22	7,092.13	164.85	243.08	91.19	-1,522.86	10,417.64	955.05	549.60	405.44	2.356	
16,500.00	7,085.88	13,880.22	7,092.13	166.51	246.45	91.21	-1,523.29	10,517.63	955.92	545.41	410.51	2.329	
16,600.00	7,085.53	13,980.21	7,092.13	168.17	249.81	91.23	-1,523.71	10,617.63	956.80	541.21	415.58	2.302	
16,700.00	7,085.18	14,080.21	7,092.13	169.83	253.18	91.25	-1,524.13	10,717.62	957.67	537.01	420.66	2.277	
16,800.00	7,084.83	14,180.20	7,092.13	171.49	256.55	91.27	-1,524.56	10,817.61	958.54	532.81	425.73	2.252	
16,900.00	7,084.48	14,280.20	7,092.13	173.16	259.92	91.29	-1,524.98	10,917.61	959.42	528.62	430.80	2.227	
17,000.00	7,084.13	14,380.19	7,092.13	174.82	263.29	91.31	-1,525.41	11,017.60	960.29	524.41	435.88	2.203	
17,100.00	7,083.78	14,480.19	7,092.13	176.48	266.66	91.33	-1,525.83	11,117.60	961.17	520.21	440.95	2.180	
17,200.00	7,083.43	14,580.19	7,092.13	178.14	270.04	91.35	-1,526.26	11,217.59	962.04	516.01	446.03	2.157	
17,300.00	7,083.09	14,680.18	7,092.13	179.81	273.42	91.37	-1,526.68	11,317.59	962.91	511.81	451.10	2.135	
17,400.00	7,082.74	14,780.18	7,092.13	181.47	276.80	91.39	-1,527.11	11,417.58	963.79	507.61	456.18	2.113	
17,500.00	7,082.39	14,880.17	7,092.13	183.13	280.18	91.41	-1,527.53	11,517.58	964.66	503.40	461.26	2.091	
17,600.00	7,082.04	14,980.17	7,092.13	184.79	283.56	91.43	-1,527.96	11,617.57	965.54	499.20	466.34	2.070	
17,700.00	7,081.69	15,080.16	7,092.13	186.46	286.95	91.45	-1,528.38	11,717.57	966.41	495.00	471.42	2.050	
17,800.00	7,081.34	15,180.16	7,092.13	188.12	290.34	91.47	-1,528.81	11,817.56	967.29	490.79	476.50	2.030	
17,900.00	7,080.99	15,280.15	7,092.13	189.78	293.72	91.49	-1,529.23	11,917.56	968.16	486.58	481.58	2.010	
17,997.31	7,080.65	15,377.46	7,092.13	191.40	297.02	91.51	-1,529.64	12,014.87	969.02	482.49	486.52	1.992 ES, SF	

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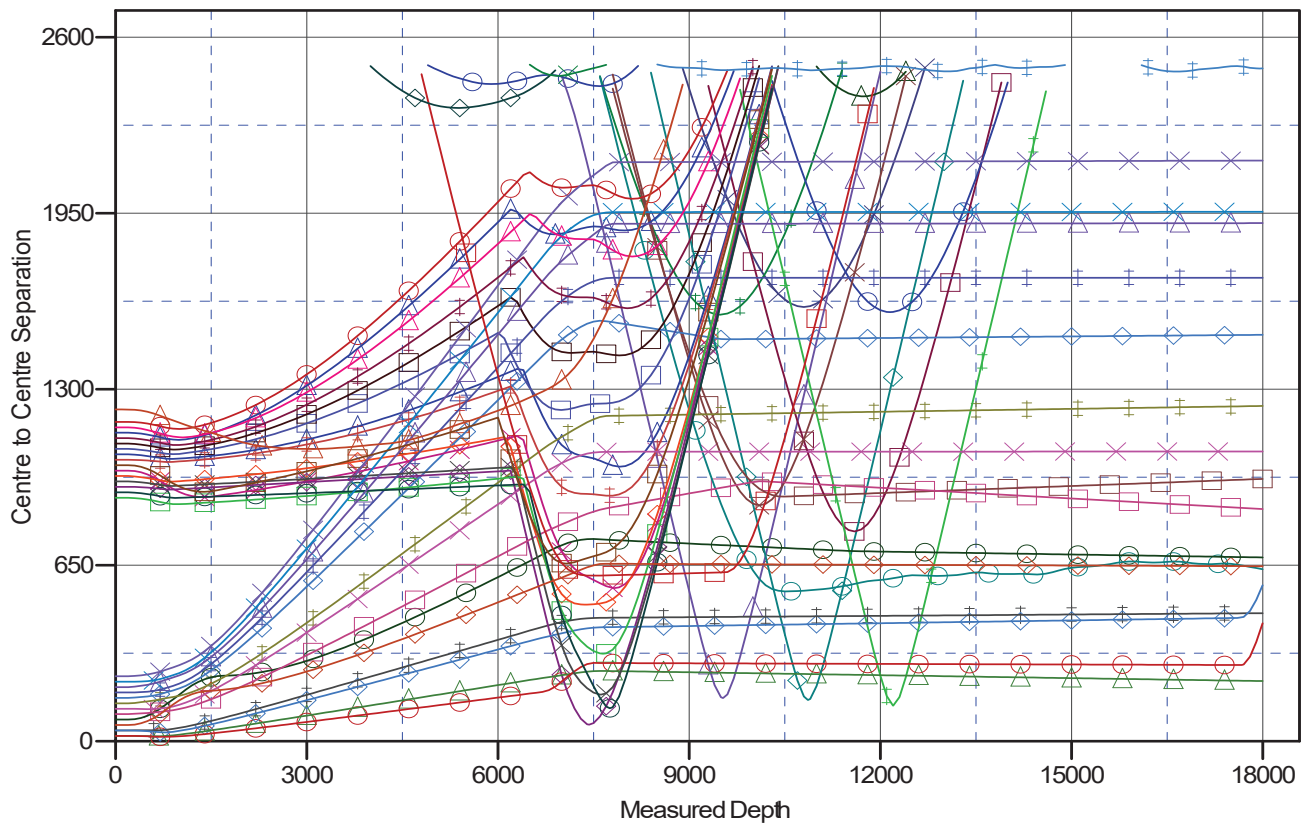
## Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36N-3B-L
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 36N-3B-L	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 36N-3B-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.45°

### Ladder Plot



### LEGEND

DUKE-J4-12, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT23N6AL, Wellbore#1, Design#1 V0	VOLT34N6CM, Wellbore#1, Design#1 V0
DUKE-US05-16, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT11G2-L, Wellbore#1, Design#1 V0	VOLT14G2-L, Wellbore#1, Design#1 V0
DUKE-J4-13, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT13N6B, Wellbore#1, Design#1 V0	VOLT25N6AL, Wellbore#1, Design#1 V0
DUKE-J4-25, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT32N6B, Wellbore#1, Design#1 V0	VOLT25G2-L, Wellbore#1, Design#1 V0
DUKE-J4-11, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT25N6CL, Wellbore#1, Design#1 V0	VOLT32G2-L, Wellbore#1, Design#1 V0
DUKE-J4-33, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT34N6B, Wellbore#1, Design#1 V0	VOLT12N6CM, Wellbore#1, Design#1 V0
SRC Northridge 4 KD, SRQPRWell, Actual VES Survey V0	VOLT14N6CL, Wellbore#1, Design#1 V0	VOLT33N6AM, Wellbore#1, Design#1 V0
DUKE-J4-14, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT33N6CL, Wellbore#1, Design#1 V0	BOSTERMAN25-5, Noble Energy PR Well, Actual Core Data Survey (Grid to True) V0
TCMOISERHULL 2-9-11, XOG PR Well, Actual Total Survey V0	VOLT23N6AL, Wellbore#1, Design#1 V0	BOSTERMAN22-5, Noble Energy PR Well, Actual Core Data Survey (Grid to True) V0
TCMOISERHULL 3-9-11, Extradon PR Well, Plan Only, Planned Extradon Survey V0	VOLT32N6AM, Wellbore#1, Design#1 V0	BOSTERMAN22-5, Noble Energy PR Well, Actual Core Data Survey (Grid to True) V0
VOLT11N6CL, Wellbore#1, Design#1 V0	VOLT32G2-L, Wellbore#1, Design#1 V0	BOSTERMAN22-5, Noble Energy PR Well, Actual Core Data Survey (Grid to True) V0
VOLT13G2-L, Wellbore#1, Design#1 V0	VOLT36G2-L, Wellbore#1, Design#1 V0	BOSTERMAN22-5, Noble Energy PR Well, Actual Core Data Survey (Grid to True) V0
VOLT14N6B, Wellbore#1, Design#1 V0	VOLT11N6B, Wellbore#1, Design#1 V0	BOSTERMAN22-5, Noble Energy PR Well, Actual Core Data Survey (Grid to True) V0
VOLT12N6AM, Wellbore#1, Design#1 V0	VOLT13N6CM, Wellbore#1, Design#1 V0	BOSTERMAN22-5, Noble Energy PR Well, Actual Core Data Survey (Grid to True) V0

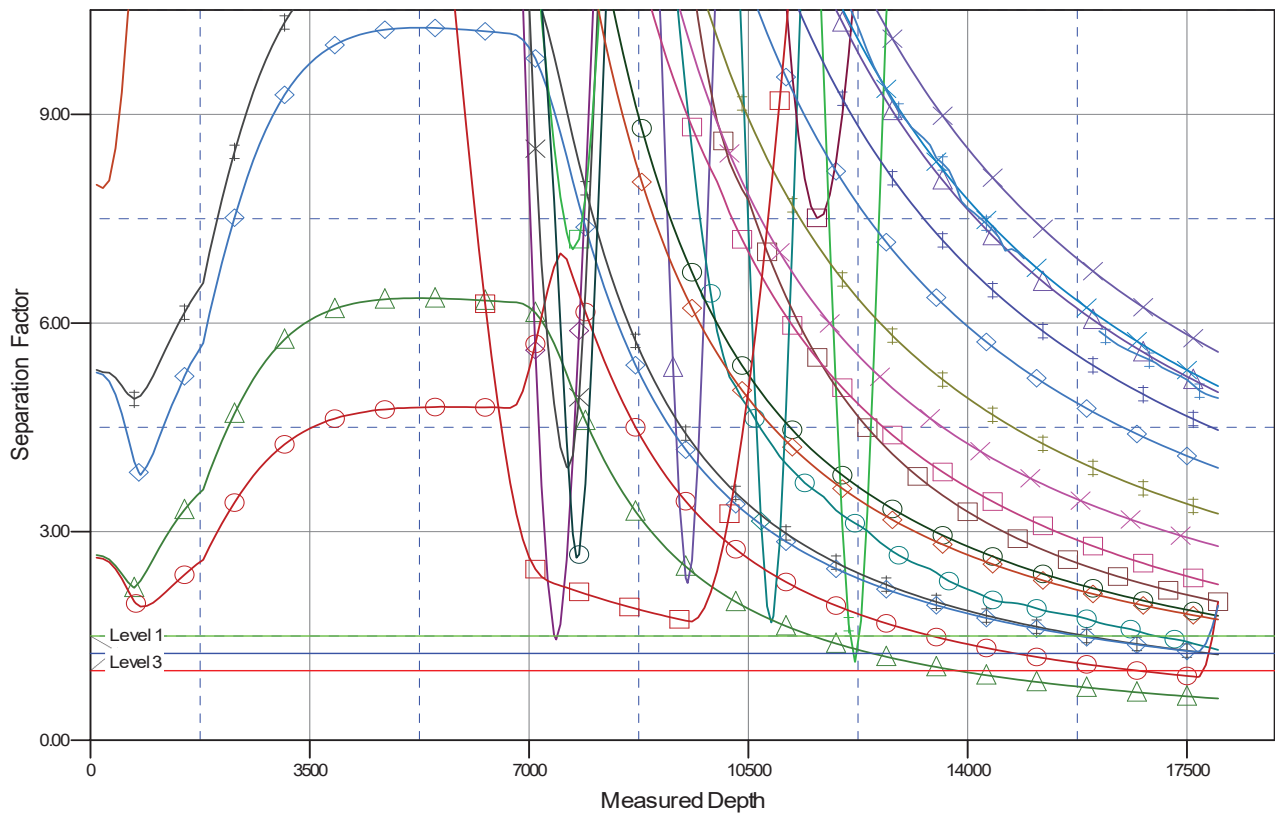
**Hewlett-Packard**  
Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3B-L
<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 36N-3B-L	<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

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 36N-3B-L  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.45°

## Separation Factor Plot



### LEGEND

DUKE J4-12, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T23N84L, Wellbore #1, Design #1 V0	VOLT 34N6CM, Wellbore #1, Design #1 V0
Duke USX05-16, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T12N68M, Wellbore #1, Design #1 V0	VOLT 34G6M, Wellbore #1, Design #1 V0
DUKE USX05-9, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T11G3-L, Wellbore #1, Design #1 V0	VOLT 14G3-L, Wellbore #1, Design #1 V0
DUKE J4-13, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T13N68M, Wellbore #1, Design #1 V0	VOLT T25N84L, Wellbore #1, Design #1 V0
DUKE J4-25, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T32N68M, Wellbore #1, Design #1 V0	VOLT 25G3-L, Wellbore #1, Design #1 V0
DUKE J4-11, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T25N6CL, Wellbore #1, Design #1 V0	VOLT 32G6M, Wellbore #1, Design #1 V0
DUKE J4-33, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T34N68M, Wellbore #1, Design #1 V0	VOLT 12N6CM, Wellbore #1, Design #1 V0
SRC Northridge 4KD, SRQPRWell, Actual VES Surveys V0	VOLT T14N6CL, Wellbore #1, Design #1 V0	VOLT 33N6AM, Wellbore #1, Design #1 V0
DUKE J4-14, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T33N6CM, Wellbore #1, Design #1 V0	BOSTFARM26N-8B-L, Wellbore #1, Design #1 V0
TOMOISRHILL 2-9-11, XOGPRWell, Actual Total Surveys V0	VOLT T32N6BL, Wellbore #1, Design #1 V0	WEEDEMAN25-5, Noble Energy PRWell, Actual Corebed Surveys (Grid to True) V0
TOMOISRHILL 3-9-11, Etadon PRWell (Plan Only), Planned Etadon Surveys V0	VOLT T32N6AM, Wellbore #1, Design #1 V0	BOOMERANG28C-3-L, SRC Energy PRWell, Actual BH Surveys V0
VOLT T11N6CL, Wellbore #1, Design #1 V0	VOLT T23N6CL, Wellbore #1, Design #1 V0	WEEDEMAN22-5, Noble Energy PRWell, Actual Corebed Surveys (Grid to True) V0
VOLT T33G6M, Wellbore #1, Design #1 V0	VOLT T36G3-L, Wellbore #1, Design #1 V0	BOOMERANG34N-8CM, SRQPRWell, Actual BH Surveys V0
VOLT T13G6M, Wellbore #1, Design #1 V0	VOLT T35N84L, Wellbore #1, Design #1 V0	PSCJ5-11, Noble Energy SRWell, Actual VES Surveys (Grid to True) V0
VOLT T14N6BL, Wellbore #1, Design #1 V0	VOLT T11N6BL, Wellbore #1, Design #1 V0	
VOLT T12N6AM, Wellbore #1, Design #1 V0	VOLT T13N6CM, Wellbore #1, Design #1 V0	