

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

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

VOLT 12N-6B-M

Wellbore #1

Design #1

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	11/18/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	15,562.16	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

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 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,200.00	7,688.23	1,140.09	1,098.65	27.516	SF
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,544.86	7,393.84	1,100.18	1,061.79	28.656	CC, ES
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,519.68	15,570.00	849.27	463.58	2.202	CC, ES, SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	8,174.72	7,083.41	89.34	49.28	2.230	CC, ES, SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,680.02	7,326.21	979.21	928.22	19.204	CC
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,700.00	7,325.34	979.41	928.15	19.108	ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,900.00	7,316.58	1,003.57	949.71	18.633	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,501.35	7,441.29	983.03	939.13	22.394	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,700.00	7,441.79	1,006.67	960.62	21.858	SF
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	7,772.32	7,336.92	268.75	224.65	6.093	CC, ES, SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,500.00	7,491.44	268.90	222.11	5.747	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,550.63	7,446.41	267.89	221.47	5.771	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,654.20	7,403.90	107.44	62.07	2.368	CC, ES, SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	853.33	855.63	16.73	7.93	1.901	CC
VOLT 12N-6A-M - Wellbore #1 - Design #1	15,562.16	15,384.39	217.56	-45.15	0.828	Level 1, ES, SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	900.00	896.65	16.21	7.26	1.810	CC
VOLT 12N-6C-M - Wellbore #1 - Design #1	15,562.16	15,677.37	260.25	-10.23	0.962	Level 1, ES, SF
VOLT 13C-6-M - Wellbore #1 - Design #1	200.00	201.00	99.95	92.38	13.196	CC, ES
VOLT 13C-6-M - Wellbore #1 - Design #1	15,545.95	15,637.99	861.32	588.04	3.152	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	200.00	199.00	119.72	112.14	15.807	CC, ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	15,562.16	15,434.13	1,007.96	731.39	3.645	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	623.38	638.51	137.66	129.46	16.789	CC, ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	15,562.16	15,432.30	1,236.44	962.10	4.507	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	7,300.00	7,878.83	846.40	800.12	18.290	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	7,872.13	7,255.45	815.47	772.47	18.965	CC, ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,100.00	7,861.58	977.09	929.58	20.568	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,200.00	7,786.11	974.53	927.63	20.777	ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,204.37	7,782.59	974.53	927.65	20.790	CC
VOLT 14N-3C-L - Wellbore #1 - Design #1	797.82	973.78	1,091.11	1,082.12	121.399	CC
VOLT 14N-3C-L - Wellbore #1 - Design #1	800.00	975.94	1,091.11	1,082.11	121.292	ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,100.00	7,948.25	1,197.54	1,150.23	25.312	SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,000.00	7,809.40	686.18	636.48	13.805	SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,080.96	7,739.32	683.32	634.17	13.903	CC, ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,300.00	7,677.16	370.18	323.52	7.934	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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 23N-3B-L - Wellbore #1 - Design #1	7,393.02	7,590.12	368.41	322.31	7.991	CC, ES
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,300.00	7,777.01	590.29	543.71	12.673	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,340.65	7,740.50	589.85	543.46	12.715	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	7,780.87	7,317.27	427.64	381.62	9.292	CC, ES, SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,200.00	7,673.62	528.72	478.94	10.621	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,300.00	7,586.33	525.19	476.04	10.686	ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,328.97	7,560.26	525.02	476.10	10.732	CC
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,700.00	7,344.69	664.16	617.03	14.090	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,749.08	7,311.09	663.17	616.17	14.112	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	998.14	990.61	41.13	31.75	4.385	CC
VOLT 32C-6-M - Wellbore #1 - Design #1	1,000.00	992.45	41.14	31.75	4.382	ES
VOLT 32C-6-M - Wellbore #1 - Design #1	15,562.16	15,783.93	471.59	212.93	1.823	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	900.00	892.90	36.31	27.36	4.055	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	15,562.16	15,526.88	424.13	149.34	1.543	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	908.13	895.39	75.63	66.61	8.379	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	15,562.16	15,698.75	612.42	332.70	2.189	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	773.09	778.24	35.20	26.64	4.111	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	15,562.16	15,665.20	453.95	190.70	1.724	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	200.00	201.00	79.90	72.33	10.549	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	15,562.16	15,314.47	802.96	527.49	2.915	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	770.20	777.73	45.53	36.96	5.311	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	15,562.16	15,536.29	621.92	345.22	2.248	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	493.48	505.33	179.46	171.53	22.624	CC
VOLT 34C-6-M - Wellbore #1 - Design #1	500.00	512.16	179.46	171.52	22.592	ES
VOLT 34C-6-M - Wellbore #1 - Design #1	15,562.16	15,578.05	1,648.45	1,374.11	6.009	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	666.18	686.31	152.14	143.81	18.279	CC, ES
VOLT 34N-6B-M - Wellbore #1 - Design #1	15,562.16	15,400.92	1,432.45	1,156.52	5.191	SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	354.11	358.98	199.90	192.18	25.886	CC
VOLT 34N-6C-M - Wellbore #1 - Design #1	400.00	407.38	199.92	192.14	25.690	ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	15,562.16	15,469.28	1,851.13	1,576.08	6.730	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	724.06	874.47	1,064.64	1,055.90	121.775	CC, ES
VOLT 36C-3-L - Wellbore #1 - Design #1	7,000.00	8,202.75	1,681.34	1,633.46	35.111	SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	716.44	863.43	1,049.91	1,041.18	120.253	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	6,800.00	8,014.09	1,809.66	1,760.39	36.727	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	767.65	933.55	1,077.19	1,068.29	121.051	CC, ES
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,000.00	7,973.26	1,427.25	1,379.03	29.602	SF
5N-66W-06 Offsets Incomplete						
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	14,979.87	6,987.70	1,286.89	1,138.55	8.675	CC
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	15,000.00	6,987.05	1,287.05	1,138.46	8.662	ES
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	15,100.00	6,983.83	1,292.48	1,143.12	8.654	SF
SOUTH 6-21D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,537.48	6,931.63	1,504.05	1,382.41	12.365	CC, ES
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,700.00	6,928.78	1,512.81	1,388.66	12.186	SF
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,624.62	7,034.64	100.76	-22.56	0.817	Level 1, CC, ES, SF
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,710.22	7,150.40	1,198.45	1,073.10	9.561	CC, ES
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,800.00	7,147.59	1,201.80	1,075.19	9.492	SF
WILKEN 15-6 - PDC SI Well - No Surveys	12,273.16	7,006.27	1,323.74	991.77	3.987	CC
WILKEN 15-6 - PDC SI Well - No Surveys	12,300.00	7,005.45	1,324.01	991.73	3.985	ES, SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	6,975.23	15,970.38	2,027.73	1,744.69	7.164	CC, ES, SF

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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-67W-01 Offsets Incomplete						
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,200.84	6,884.06	1,051.65	898.83	6.882	CC, ES
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,300.00	6,926.93	1,055.54	901.10	6.834	SF
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,317.06	6,946.80	854.07	699.44	5.523	CC, ES
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,562.16	7,158.31	868.66	709.21	5.448	SF
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,262.01	6,840.60	1,283.04	1,129.42	8.352	CC
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,300.00	6,861.10	1,283.44	1,129.00	8.311	ES
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,562.16	7,077.02	1,302.90	1,143.24	8.161	SF
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,172.48	6,913.46	1,726.74	1,576.46	11.490	CC
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,200.00	6,907.78	1,726.98	1,576.43	11.471	ES
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,400.00	6,973.44	1,739.65	1,586.84	11.385	SF
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,232.72	6,824.99	1,598.24	1,448.51	10.674	CC, ES
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,400.00	6,875.57	1,605.83	1,453.95	10.573	SF
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,303.46	7,082.14	314.66	161.74	2.058	CC, ES, SF
GREELEY-ROTHER FEDERAL 12N-2A-L - SRC Energy P	15,562.16	7,267.56	100.83	-57.17	0.638	Level 1, CC, ES, SF
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,461.79	7,208.23	162.76	5.01	1.032	Level 2, CC, ES, SF
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,238.35	6,955.58	895.91	745.38	5.951	CC, ES
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,300.00	6,970.21	897.76	746.52	5.936	SF
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,562.16	7,218.94	1,156.25	997.57	7.287	CC, ES, SF
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,303.98	6,990.00	1,303.58	1,151.58	8.576	CC, ES
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,400.00	7,020.94	1,306.04	1,152.75	8.520	SF
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,249.29	7,144.96	532.58	378.58	3.458	CC, ES, SF
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,309.96	7,059.86	329.91	177.77	2.169	CC, ES
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,400.00	7,140.87	334.38	178.65	2.147	SF
GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy P	15,562.16	7,225.99	713.61	554.24	4.478	CC, ES, SF
GREELEY-ROTHER FEDERAL 33N-2C-L - SRC Energy P	15,374.55	7,054.92	496.33	343.01	3.237	CC, ES
GREELEY-ROTHER FEDERAL 33N-2C-L - SRC Energy P	15,400.00	7,065.12	496.79	343.04	3.231	SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference	Offset	Semi Major Axis		Distance									
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
2,300.00	2,263.78	2,674.03	2,641.79	7.51	8.65	-55.65	2,678.93	297.76	2,495.35	2,480.77	14.58	171.126	
2,400.00	2,361.58	2,775.97	2,742.32	7.62	8.82	-56.12	2,662.14	295.75	2,467.05	2,452.23	14.82	166.428	
2,500.00	2,459.39	2,867.67	2,832.74	7.75	8.98	-56.54	2,646.93	295.03	2,438.76	2,423.68	15.08	161.705	
2,600.00	2,557.19	2,969.23	2,932.89	7.90	9.17	-56.99	2,630.06	294.81	2,410.58	2,395.21	15.37	156.831	
2,700.00	2,654.99	3,053.21	3,015.71	8.05	9.33	-57.36	2,616.12	295.15	2,382.52	2,366.86	15.66	152.098	
2,800.00	2,752.80	3,150.58	3,111.76	8.22	9.52	-57.80	2,600.20	295.59	2,354.82	2,338.83	15.99	147.268	
2,900.00	2,850.60	3,245.02	3,204.91	8.41	9.72	-58.23	2,584.65	296.30	2,327.12	2,310.78	16.33	142.470	
3,000.00	2,948.41	3,337.24	3,295.87	8.60	9.91	-58.66	2,569.51	296.95	2,299.60	2,282.91	16.69	137.763	
3,100.00	3,046.21	3,431.16	3,388.52	8.80	10.10	-59.13	2,554.12	296.68	2,272.29	2,255.22	17.07	133.122	
3,200.00	3,144.01	3,518.41	3,474.58	9.02	10.28	-59.61	2,539.86	295.05	2,245.27	2,227.81	17.46	128.595	
3,300.00	3,241.82	3,610.16	3,565.08	9.24	10.48	-60.16	2,525.02	292.12	2,218.69	2,200.81	17.88	124.109	
3,400.00	3,339.62	3,706.36	3,659.94	9.47	10.70	-60.76	2,509.41	288.71	2,192.30	2,173.98	18.32	119.681	
3,500.00	3,437.43	3,792.32	3,744.69	9.71	10.90	-61.32	2,495.49	285.15	2,166.22	2,147.46	18.76	115.461	
3,600.00	3,535.23	3,881.24	3,832.38	9.96	11.12	-61.93	2,481.36	280.96	2,140.73	2,121.50	19.23	111.347	
3,700.00	3,633.03	3,971.83	3,921.71	10.21	11.34	-62.57	2,467.06	276.30	2,115.66	2,095.95	19.71	107.350	
3,800.00	3,730.84	4,060.13	4,008.79	10.47	11.57	-63.22	2,453.23	271.31	2,091.05	2,070.85	20.20	103.509	
3,900.00	3,828.64	4,146.79	4,094.25	10.74	11.80	-63.88	2,439.87	266.05	2,067.04	2,046.33	20.71	99.827	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,000.00	3,926.44	4,233.57	4,179.85	11.01	12.03	-64.56	2,426.75	260.43	2,043.68	2,022.45	21.22	96.291	
4,100.00	4,024.25	4,320.08	4,265.17	11.28	12.26	-65.26	2,413.86	254.31	2,020.97	1,999.22	21.75	92.898	
4,200.00	4,122.05	4,414.73	4,358.51	11.56	12.51	-66.07	2,399.95	247.11	1,998.92	1,976.61	22.31	89.600	
4,300.00	4,219.86	4,529.79	4,472.00	11.85	12.80	-67.03	2,382.53	239.69	1,976.67	1,953.77	22.90	86.335	
4,400.00	4,317.66	4,653.77	4,594.30	12.14	13.11	-68.00	2,362.74	235.22	1,953.49	1,930.00	23.49	83.166	
4,500.00	4,415.46	4,751.70	4,690.90	12.43	13.36	-68.72	2,346.73	233.92	1,929.82	1,905.78	24.04	80.264	
4,600.00	4,513.27	4,844.93	4,782.87	12.72	13.61	-69.42	2,331.42	232.93	1,906.32	1,881.72	24.60	77.483	
4,700.00	4,611.07	4,926.54	4,863.36	13.02	13.84	-70.08	2,318.11	231.08	1,883.49	1,858.33	25.16	74.861	
4,800.00	4,708.88	5,006.22	4,941.95	13.32	14.07	-70.76	2,305.37	228.00	1,861.68	1,835.96	25.73	72.357	
4,900.00	4,806.68	5,083.56	5,018.24	13.63	14.29	-71.47	2,293.35	223.88	1,841.04	1,814.74	26.31	69.986	
5,000.00	4,904.48	5,155.48	5,089.19	13.94	14.50	-72.17	2,282.62	219.06	1,821.79	1,794.91	26.88	67.772	
5,100.00	5,002.29	5,226.57	5,159.36	14.25	14.71	-72.88	2,272.74	213.38	1,804.26	1,776.80	27.46	65.700	
5,200.00	5,100.09	5,304.85	5,236.60	14.56	14.93	-73.71	2,262.32	206.07	1,788.20	1,760.14	28.07	63.709	
5,300.00	5,197.90	5,379.83	5,310.56	14.87	15.15	-74.53	2,252.81	198.27	1,773.62	1,744.94	28.67	61.854	
5,400.00	5,295.70	5,451.33	5,381.11	15.19	15.35	-75.33	2,244.35	190.22	1,760.69	1,731.42	29.28	60.142	
5,500.00	5,393.50	5,532.89	5,461.57	15.51	15.58	-76.27	2,235.45	180.29	1,749.50	1,719.60	29.90	58.512	
5,600.00	5,491.31	5,665.16	5,592.05	15.83	15.92	-77.80	2,220.38	164.78	1,738.61	1,707.98	30.64	56.745	
5,700.00	5,589.11	5,810.73	5,735.62	16.15	16.31	-79.45	2,200.46	151.31	1,725.35	1,693.95	31.40	54.947	
5,800.00	5,686.91	5,928.85	5,851.75	16.47	16.66	-80.84	2,181.53	141.03	1,710.53	1,678.41	32.12	53.250	
5,900.00	5,784.72	6,045.34	5,966.00	16.80	17.01	-82.26	2,161.28	130.72	1,695.41	1,662.56	32.85	51.612	
6,000.00	5,882.52	6,190.98	6,109.18	17.12	17.45	-83.91	2,135.64	123.72	1,679.28	1,645.67	33.61	49.965	
6,100.00	5,980.33	6,349.94	6,264.96	17.45	17.94	-85.60	2,104.11	123.52	1,659.43	1,625.09	34.34	48.328	
6,200.00	6,078.13	6,421.57	6,335.31	17.78	18.14	-86.28	2,090.98	126.40	1,639.57	1,604.63	34.94	46.927	
6,300.00	6,175.93	6,507.86	6,420.26	18.11	18.38	-87.05	2,076.53	131.03	1,620.82	1,585.28	35.55	45.596	
6,400.00	6,273.74	7,828.00	7,264.25	18.44	25.91	-68.41	1,917.34	880.56	1,571.72	1,532.90	38.82	40.491	
6,499.99	6,371.53	7,847.81	7,265.57	18.77	26.31	-67.43	1,917.86	900.32	1,501.38	1,461.35	40.03	37.509	
6,600.00	6,470.24	7,860.11	7,266.47	19.03	26.57	-10.67	1,918.19	912.59	1,433.10	1,391.98	41.12	34.851	
6,700.00	6,569.10	7,860.93	7,266.53	19.19	26.59	50.69	1,918.21	913.40	1,367.37	1,325.39	41.98	32.573	
6,800.00	6,665.69	7,849.23	7,265.67	19.30	26.34	75.02	1,917.90	901.74	1,306.33	1,263.80	42.53	30.714	
6,900.00	6,757.63	7,828.00	7,264.25	19.34	25.91	86.82	1,917.34	880.56	1,251.83	1,209.04	42.79	29.258	
7,000.00	6,842.65	7,794.23	7,262.13	19.33	25.24	93.47	1,916.69	846.86	1,205.36	1,162.67	42.69	28.235	
7,100.00	6,918.67	7,754.28	7,259.63	19.30	24.47	97.43	1,916.55	806.99	1,168.05	1,125.71	42.34	27.589	
7,200.00	6,983.80	7,688.23	7,254.69	19.25	23.29	98.93	1,917.50	741.14	1,140.09	1,098.65	41.43	27.516 SF	
7,300.00	7,036.46	7,601.73	7,242.63	19.23	21.96	98.76	1,919.73	655.56	1,119.87	1,079.64	40.23	27.836	
7,400.00	7,075.33	7,516.57	7,219.97	19.26	21.09	97.72	1,923.49	573.62	1,106.76	1,067.50	39.27	28.187	
7,500.00	7,099.46	7,433.48	7,189.04	19.40	20.68	96.02	1,928.32	496.69	1,100.78	1,062.19	38.59	28.524	
7,544.86	7,105.33	7,393.84	7,171.35	19.52	20.57	94.98	1,930.85	461.32	1,100.18	1,061.79	38.39	28.656 CC, ES	
7,600.00	7,108.27	7,358.00	7,153.69	19.68	20.50	93.90	1,933.20	430.22	1,101.12	1,062.86	38.26	28.780	
7,700.00	7,105.75	7,296.03	7,119.43	20.11	20.38	92.06	1,938.28	378.86	1,107.60	1,069.26	38.34	28.886	
7,800.00	7,102.70	7,265.00	7,100.56	20.71	20.34	91.11	1,941.53	354.45	1,119.58	1,080.83	38.75	28.890	
7,900.00	7,099.65	7,211.52	7,065.25	21.43	20.23	89.35	1,948.49	314.92	1,137.01	1,097.72	39.28	28.944	
8,000.00	7,096.60	7,173.00	7,037.68	22.26	20.16	87.99	1,954.66	288.75	1,160.79	1,120.84	39.95	29.054	
8,100.00	7,093.55	7,145.76	7,017.17	23.18	20.10	86.98	1,959.51	271.50	1,190.60	1,149.82	40.78	29.195	
8,200.00	7,090.50	7,117.12	6,994.73	24.18	20.03	85.88	1,964.93	254.53	1,226.28	1,184.65	41.63	29.460	
8,300.00	7,087.45	7,081.00	6,965.28	25.24	19.96	84.47	1,972.19	234.94	1,267.71	1,225.26	42.45	29.867	
8,400.00	7,084.40	7,081.00	6,965.28	26.37	19.96	84.47	1,972.19	234.94	1,314.35	1,271.04	43.31	30.346	
8,500.00	7,081.35	7,039.83	6,930.46	27.55	19.85	82.82	1,980.80	214.73	1,365.50	1,321.40	44.10	30.966	
8,600.00	7,078.30	7,016.24	6,910.04	28.78	19.80	81.86	1,985.77	204.03	1,421.12	1,376.28	44.84	31.692	
8,700.00	7,075.25	6,988.00	6,885.18	30.05	19.73	80.72	1,991.76	192.06	1,480.74	1,435.22	45.53	32.525	
8,800.00	7,072.20	6,988.00	6,885.18	31.36	19.73	80.72	1,991.76	192.06	1,544.01	1,497.85	46.16	33.453	
8,900.00	7,069.15	6,960.52	6,860.49	32.70	19.66	79.60	1,997.53	181.46	1,610.39	1,563.65	46.74	34.453	
9,000.00	7,066.10	6,946.25	6,847.47	34.07	19.62	79.01	2,000.44	176.42	1,679.84	1,632.58	47.26	35.545	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Well Error:	3.28 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													
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	
9,100.00	7,063.05	6,933.54	6,835.75	35.46	19.59	78.49	2,003.01	172.21	1,751.97	1,704.24	47.72	36.711	
9,200.00	7,060.00	6,895.00	6,799.65	36.87	19.49	76.89	2,010.51	161.03	1,827.11	1,778.94	48.17	37.932	
9,300.00	7,056.95	6,895.00	6,799.65	38.31	19.49	76.89	2,010.51	161.03	1,903.40	1,854.88	48.53	39.223	
9,400.00	7,053.90	6,895.00	6,799.65	39.76	19.49	76.89	2,010.51	161.03	1,981.81	1,932.97	48.84	40.574	
9,500.00	7,050.85	6,895.00	6,799.65	41.23	19.49	76.89	2,010.51	161.03	2,062.08	2,012.96	49.12	41.978	
9,600.00	7,047.80	6,895.00	6,799.65	42.72	19.49	76.89	2,010.51	161.03	2,144.02	2,094.65	49.37	43.428	
9,700.00	7,044.75	6,895.00	6,799.65	44.22	19.49	76.89	2,010.51	161.03	2,227.43	2,177.84	49.59	44.920	
9,800.00	7,041.70	6,895.00	6,799.65	45.73	19.49	76.89	2,010.51	161.03	2,312.15	2,262.37	49.78	46.448	
9,900.00	7,038.65	6,895.00	6,799.65	47.25	19.49	76.89	2,010.51	161.03	2,398.05	2,348.10	49.95	48.007	
10,000.00	7,035.60	6,859.96	6,766.18	48.78	19.39	75.44	2,016.97	152.94	2,483.97	2,433.78	50.20	49.482	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
2,500.00	2,459.39	2,810.43	2,765.98	7.75	9.46	-47.85	2,686.81	648.67	2,488.85	2,472.88	15.97	155.833	
2,600.00	2,557.19	2,919.00	2,872.25	7.90	9.70	-47.86	2,670.14	663.42	2,461.20	2,444.90	16.30	150.992	
2,700.00	2,654.99	3,028.23	2,979.16	8.05	9.95	-47.88	2,652.60	677.39	2,432.76	2,416.11	16.66	146.062	
2,800.00	2,752.80	3,136.58	3,085.23	8.22	10.21	-47.92	2,634.96	690.61	2,404.07	2,387.04	17.03	141.158	
2,900.00	2,850.60	3,263.59	3,209.56	8.41	10.54	-47.99	2,613.19	704.72	2,374.44	2,356.99	17.46	136.025	
3,000.00	2,948.41	3,377.29	3,320.89	8.60	10.85	-48.11	2,592.64	715.33	2,343.70	2,325.83	17.87	131.138	
3,100.00	3,046.21	3,477.33	3,418.86	8.80	11.13	-48.25	2,574.23	723.68	2,312.56	2,294.28	18.28	126.531	
3,200.00	3,144.01	3,578.27	3,517.70	9.02	11.41	-48.39	2,555.44	731.92	2,281.22	2,262.52	18.70	122.022	
3,300.00	3,241.82	3,671.09	3,608.57	9.24	11.66	-48.53	2,538.00	739.23	2,249.68	2,230.57	19.11	117.720	
3,400.00	3,339.62	3,747.53	3,683.41	9.47	11.86	-48.63	2,523.92	745.82	2,218.60	2,199.10	19.51	113.733	
3,500.00	3,437.43	3,816.00	3,750.45	9.71	12.03	-48.70	2,512.00	752.97	2,188.65	2,168.75	19.90	109.985	
3,600.00	3,535.23	3,882.29	3,815.35	9.96	12.19	-48.73	2,501.19	761.01	2,159.92	2,139.61	20.31	106.365	
3,700.00	3,633.03	3,960.02	3,891.45	10.21	12.40	-48.75	2,489.30	771.48	2,132.29	2,111.54	20.75	102.771	
3,800.00	3,730.84	4,046.77	3,976.38	10.47	12.63	-48.75	2,476.48	783.70	2,105.23	2,084.01	21.22	99.206	
3,900.00	3,828.64	4,143.04	4,070.65	10.74	12.90	-48.75	2,462.51	797.32	2,078.45	2,056.72	21.73	95.653	
4,000.00	3,926.44	4,237.04	4,162.71	11.01	13.18	-48.76	2,448.75	810.45	2,051.53	2,029.28	22.25	92.222	
4,100.00	4,024.25	4,338.20	4,261.80	11.28	13.48	-48.77	2,434.21	824.64	2,024.87	2,002.09	22.78	88.870	
4,200.00	4,122.05	4,445.56	4,366.95	11.56	13.81	-48.79	2,418.06	839.16	1,997.50	1,974.15	23.35	85.559	
4,300.00	4,219.86	4,545.68	4,464.98	11.85	14.13	-48.81	2,402.75	852.54	1,969.89	1,945.99	23.90	82.413	
4,400.00	4,317.66	4,660.32	4,577.25	12.14	14.50	-48.86	2,384.71	867.04	1,941.79	1,917.29	24.50	79.267	
4,500.00	4,415.46	4,780.26	4,694.69	12.43	14.91	-48.96	2,364.46	880.63	1,912.43	1,887.33	25.10	76.194	
4,600.00	4,513.27	4,882.58	4,794.90	12.72	15.25	-49.09	2,346.60	890.98	1,882.45	1,856.78	25.67	73.346	
4,700.00	4,611.07	4,980.72	4,891.02	13.02	15.58	-49.23	2,329.16	900.41	1,852.12	1,825.89	26.22	70.636	
4,800.00	4,708.88	5,072.91	4,981.34	13.32	15.87	-49.37	2,312.89	909.20	1,821.90	1,795.14	26.76	68.079	
4,900.00	4,806.68	5,181.26	5,087.54	13.63	16.21	-49.57	2,293.71	918.79	1,791.63	1,764.29	27.33	65.550	
5,000.00	4,904.48	5,283.32	5,187.51	13.94	16.55	-49.79	2,274.78	926.88	1,760.43	1,732.53	27.89	63.115	
5,100.00	5,002.29	5,374.85	5,277.15	14.25	16.82	-49.99	2,257.85	934.28	1,729.33	1,700.90	28.43	60.824	
5,200.00	5,100.09	5,461.38	5,361.87	14.56	17.08	-50.16	2,242.05	942.02	1,698.54	1,669.57	28.97	58.633	
5,300.00	5,197.90	5,541.02	5,439.85	14.87	17.32	-50.29	2,227.97	949.97	1,668.42	1,638.91	29.51	56.543	
5,400.00	5,295.70	5,618.02	5,515.28	15.19	17.55	-50.39	2,215.13	958.66	1,639.36	1,609.31	30.05	54.554	
5,500.00	5,393.50	5,698.56	5,594.16	15.51	17.81	-50.45	2,202.51	968.84	1,611.34	1,580.74	30.61	52.644	
5,600.00	5,491.31	5,793.01	5,686.70	15.83	18.11	-50.52	2,188.14	981.23	1,583.83	1,552.63	31.20	50.767	
5,700.00	5,589.11	5,894.43	5,786.04	16.15	18.45	-50.60	2,172.48	994.28	1,556.07	1,524.26	31.81	48.919	
5,800.00	5,686.91	5,987.23	5,877.03	16.47	18.76	-50.70	2,158.27	1,005.76	1,528.40	1,496.00	32.41	47.163	
5,900.00	5,784.72	6,091.26	5,979.03	16.80	19.11	-50.83	2,142.12	1,018.25	1,500.53	1,467.51	33.02	45.440	
6,000.00	5,882.52	6,204.78	6,090.32	17.12	19.51	-51.00	2,123.74	1,031.08	1,471.99	1,438.34	33.65	43.741	
6,100.00	5,980.33	6,313.12	6,196.48	17.45	19.90	-51.25	2,104.86	1,041.56	1,442.13	1,407.87	34.27	42.087	
6,200.00	6,078.13	6,413.75	6,295.21	17.78	20.24	-51.57	2,086.97	1,049.27	1,411.87	1,377.01	34.85	40.508	
6,300.00	6,175.93	6,515.32	6,394.98	18.11	20.58	-52.03	2,068.64	1,054.19	1,381.23	1,345.81	35.42	38.996	
6,400.00	6,273.74	6,608.96	6,487.06	18.44	20.86	-52.72	2,051.83	1,053.18	1,350.45	1,314.52	35.94	37.578	
6,499.99	6,371.53	6,682.03	6,743.90	18.77	21.53	-57.45	1,987.29	995.07	1,312.47	1,276.42	36.05	36.411	
6,600.00	6,470.24	6,947.10	6,798.20	19.03	21.62	-7.38	1,969.79	963.88	1,271.39	1,234.93	36.46	34.867	
6,700.00	6,569.10	7,003.43	6,841.93	19.19	21.69	48.36	1,956.29	931.09	1,232.81	1,195.96	36.85	33.457	
6,800.00	6,665.69	7,059.48	6,881.94	19.30	21.71	68.40	1,944.58	893.67	1,197.49	1,160.29	37.20	32.191	
6,900.00	6,757.63	7,112.93	6,916.61	19.34	21.72	77.26	1,935.14	854.11	1,166.15	1,128.62	37.52	31.079	
7,000.00	6,842.65	7,179.00	6,955.71	19.33	21.72	82.11	1,926.12	801.66	1,139.72	1,101.86	37.86	30.106	
7,100.00	6,918.67	7,234.78	6,984.93	19.30	21.69	85.38	1,920.27	754.53	1,117.76	1,079.49	38.27	29.207	
7,200.00	6,983.80	7,337.54	7,027.66	19.25	21.65	86.94	1,910.92	661.65	1,099.26	1,060.07	39.19	28.052	
7,300.00	7,036.46	7,438.25	7,056.86	19.23	21.63	87.99	1,900.71	565.85	1,081.51	1,041.02	40.49	26.711	
7,400.00	7,075.33	7,529.83	7,075.21	19.26	22.13	88.94	1,891.85	476.61	1,066.16	1,024.12	42.04	25.361	
7,500.00	7,099.46	7,606.14	7,082.50	19.40	23.44	89.71	1,885.38	400.98	1,053.98	1,010.42	43.56	24.195	
7,600.00	7,108.27	7,686.64	7,080.80	19.68	25.02	90.05	1,880.61	320.66	1,046.19	1,000.77	45.41	23.038	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys													Offset Site Error: 0.00 usft	
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,700.00	7,105.75	7,777.86	7,077.24	20.11	26.94	90.11	1,876.09	229.62	1,040.91	993.19	47.72	21.814		
7,800.00	7,102.70	7,866.98	7,073.78	20.71	28.93	90.07	1,872.53	140.64	1,036.66	986.43	50.23	20.638		
7,900.00	7,099.65	7,970.64	7,069.77	21.43	31.35	90.02	1,869.26	37.11	1,033.26	979.94	53.32	19.379		
8,000.00	7,096.60	8,075.61	7,065.78	22.26	33.89	89.98	1,864.37	-67.67	1,028.32	971.68	56.64	18.155		
8,100.00	7,093.55	8,149.53	7,062.94	23.18	35.74	89.95	1,861.87	-141.49	1,024.77	965.43	59.33	17.271		
8,158.21	7,091.78	8,186.87	7,061.56	23.76	36.69	89.93	1,861.59	-178.80	1,024.18	963.37	60.81	16.842		
8,200.00	7,090.50	8,214.62	7,060.55	24.18	37.39	89.92	1,861.86	-206.54	1,024.48	962.59	61.89	16.553		
8,300.00	7,087.45	8,291.74	7,057.68	25.24	39.39	89.89	1,863.97	-283.57	1,026.96	962.09	64.88	15.830		
8,400.00	7,084.40	8,371.12	7,054.81	26.37	41.47	89.87	1,867.84	-362.80	1,031.57	963.56	68.01	15.168		
8,500.00	7,081.35	8,460.22	7,052.04	27.55	43.83	89.87	1,873.64	-451.67	1,037.81	966.30	71.52	14.512		
8,600.00	7,078.30	8,549.29	7,049.27	28.78	46.21	89.86	1,880.17	-540.46	1,044.89	969.79	75.09	13.914		
8,700.00	7,075.25	8,640.21	7,046.56	30.05	48.67	89.87	1,887.80	-631.02	1,053.02	974.22	78.80	13.364		
8,800.00	7,072.20	8,749.41	7,043.10	31.36	51.65	89.86	1,897.14	-739.76	1,061.34	978.18	83.17	12.762		
8,900.00	7,069.15	8,857.56	7,040.57	32.70	54.64	89.90	1,905.10	-847.59	1,068.44	980.88	87.56	12.203		
9,000.00	7,066.10	8,983.86	7,039.10	34.07	58.16	90.03	1,912.38	-973.66	1,073.94	981.36	92.58	11.601		
9,100.00	7,063.05	9,122.95	7,037.27	35.46	62.06	90.16	1,916.78	-1,112.66	1,077.00	979.03	97.97	10.993		
9,200.00	7,060.00	9,265.32	7,034.01	36.87	66.08	90.22	1,915.49	-1,254.97	1,075.89	972.51	103.38	10.407		
9,300.00	7,056.95	9,435.07	7,028.56	38.31	70.86	90.20	1,904.51	-1,424.25	1,069.00	959.76	109.24	9.786		
9,400.00	7,053.90	9,580.49	7,023.73	39.76	74.93	90.18	1,889.30	-1,568.77	1,058.83	944.53	114.30	9.264		
9,500.00	7,050.85	9,668.99	7,020.78	41.23	77.41	90.17	1,876.47	-1,656.29	1,044.21	925.86	118.35	8.823		
9,600.00	7,047.80	9,747.12	7,018.21	42.72	79.61	90.16	1,867.63	-1,733.88	1,032.54	910.29	122.25	8.446		
9,700.00	7,044.75	9,869.59	7,014.59	44.22	83.06	90.17	1,853.75	-1,855.50	1,021.07	894.14	126.93	8.044		
9,800.00	7,041.70	9,988.80	7,011.10	45.73	86.41	90.18	1,837.02	-1,973.48	1,006.78	875.29	131.49	7.657		
9,900.00	7,038.65	10,148.06	7,007.16	47.25	90.79	90.23	1,804.55	-2,129.29	984.64	848.43	136.21	7.229		
10,000.00	7,035.60	10,204.12	7,005.70	48.78	92.36	90.25	1,793.68	-2,184.27	965.22	825.05	140.16	6.886		
10,100.00	7,032.55	10,264.00	7,004.05	50.32	94.04	90.26	1,785.51	-2,243.55	950.87	806.86	144.01	6.603		
10,200.00	7,029.50	10,321.08	7,002.45	51.86	95.68	90.27	1,780.13	-2,300.35	940.73	793.08	147.65	6.372		
10,300.00	7,026.45	10,390.09	7,000.66	53.42	97.66	90.29	1,775.45	-2,369.18	933.72	782.37	151.36	6.169		
10,400.00	7,023.40	10,456.63	6,999.44	54.98	99.59	90.34	1,773.34	-2,435.67	930.29	775.43	154.86	6.007		
10,462.87	7,021.48	10,503.82	6,998.87	55.96	100.96	90.39	1,773.06	-2,482.86	929.76	772.59	157.17	5.916		
10,500.00	7,020.35	10,531.69	6,998.64	56.55	101.77	90.43	1,773.27	-2,510.72	929.94	771.44	158.51	5.867		
10,600.00	7,017.30	10,613.04	6,998.07	58.12	104.13	90.55	1,775.14	-2,592.05	931.99	769.69	162.31	5.742		
10,700.00	7,014.25	10,698.22	6,997.37	59.70	106.61	90.66	1,778.61	-2,677.16	935.83	769.61	166.21	5.630		
10,800.00	7,011.20	10,786.40	6,996.83	61.28	109.18	90.79	1,783.43	-2,765.20	941.07	770.85	170.22	5.529		
10,900.00	7,008.15	10,881.99	6,996.07	62.87	111.96	90.92	1,789.58	-2,860.59	947.27	772.73	174.54	5.427		
11,000.00	7,005.10	11,002.58	6,995.18	64.46	115.47	91.08	1,796.48	-2,980.98	952.85	772.92	179.94	5.296		
11,100.00	7,002.05	11,120.57	6,994.00	66.06	118.92	91.22	1,800.40	-3,098.89	955.95	770.79	185.15	5.163		
11,200.00	6,999.00	11,203.14	6,993.84	67.66	121.33	91.36	1,803.38	-3,181.41	959.31	770.31	189.00	5.076		
11,300.00	6,995.95	11,316.74	6,994.53	69.26	124.65	91.60	1,807.74	-3,294.92	963.03	768.98	194.05	4.963		
11,400.00	6,992.90	11,450.55	6,995.36	70.87	128.56	91.89	1,808.36	-3,428.72	963.17	763.45	199.72	4.823		
11,500.00	6,989.85	11,578.56	6,995.09	72.48	132.30	92.11	1,805.83	-3,556.70	961.09	756.08	205.01	4.688		
11,600.00	6,986.80	11,679.17	6,993.94	74.09	135.24	92.23	1,802.02	-3,657.23	957.12	747.58	209.54	4.568		
11,700.00	6,983.75	11,755.87	6,992.37	75.70	137.48	92.29	1,800.16	-3,733.89	954.48	741.05	213.43	4.472		
11,791.03	6,980.97	11,833.32	6,990.53	77.18	139.75	92.32	1,799.81	-3,811.32	953.86	736.73	217.13	4.393		
11,800.00	6,980.70	11,841.01	6,990.39	77.32	139.98	92.32	1,799.83	-3,819.01	953.86	736.37	217.49	4.386		
11,900.00	6,977.65	11,927.21	6,989.12	78.94	142.51	92.40	1,800.74	-3,905.19	954.73	733.17	221.55	4.309		
12,000.00	6,974.60	12,006.49	6,988.11	80.56	144.84	92.48	1,802.90	-3,984.43	957.29	732.01	225.29	4.249		
12,100.00	6,971.55	12,090.29	6,987.12	82.19	147.30	92.57	1,807.07	-4,068.12	962.06	732.92	229.13	4.199		
12,200.00	6,968.50	12,187.94	6,985.84	83.81	150.17	92.65	1,812.84	-4,165.60	967.78	734.20	233.59	4.143		
12,300.00	6,965.45	12,340.02	6,984.19	85.44	154.63	92.81	1,818.53	-4,317.54	971.67	731.47	240.21	4.045		
12,400.00	6,962.40	12,431.29	6,983.18	87.07	157.32	92.91	1,820.15	-4,408.79	973.21	728.76	244.45	3.981		
12,500.00	6,959.35	12,572.83	6,981.55	88.70	161.47	93.08	1,818.86	-4,550.29	972.09	721.85	250.24	3.885		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												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	
12,600.00	6,956.30	12,694.14	6,980.96	90.33	165.02	93.28	1,813.78	-4,671.49	967.77	712.55	255.22	3.792	
12,700.00	6,953.25	12,802.76	6,981.66	91.96	168.19	93.54	1,807.63	-4,779.94	962.08	702.23	259.85	3.702	
12,800.00	6,950.20	12,913.86	6,982.23	93.60	171.43	93.80	1,800.06	-4,890.78	955.24	690.76	264.49	3.612	
12,900.00	6,947.15	13,012.49	6,981.24	95.24	174.30	93.96	1,792.73	-4,989.13	947.71	678.75	268.96	3.524	
13,000.00	6,944.10	13,100.14	6,980.20	96.87	176.86	94.08	1,787.02	-5,076.59	941.09	667.81	273.27	3.444	
13,100.00	6,941.05	13,200.24	6,978.89	98.51	179.78	94.21	1,781.67	-5,176.53	935.63	657.85	277.78	3.368	
13,200.00	6,938.00	13,315.02	6,977.38	100.15	183.13	94.37	1,773.70	-5,291.03	928.53	646.05	282.48	3.287	
13,300.00	6,934.95	13,405.82	6,976.14	101.79	185.78	94.50	1,767.14	-5,381.58	921.23	634.37	286.85	3.211	
13,400.00	6,931.90	13,475.64	6,975.24	103.43	187.82	94.59	1,763.42	-5,451.29	915.93	625.15	290.78	3.150	
13,483.95	6,929.34	13,529.00	6,974.59	104.81	189.39	94.66	1,762.69	-5,504.64	914.64	620.95	293.68	3.114	
13,500.00	6,928.85	13,529.00	6,974.59	105.08	189.39	94.66	1,762.69	-5,504.64	914.78	620.97	293.81	3.114	
13,600.00	6,925.80	13,603.33	6,973.76	106.72	191.58	94.74	1,764.61	-5,578.94	917.43	620.22	297.21	3.087	
13,700.00	6,922.75	13,722.88	6,972.55	108.36	195.10	94.87	1,769.77	-5,698.36	921.78	619.13	302.65	3.046	
13,800.00	6,919.70	13,812.85	6,971.69	110.01	197.76	94.97	1,772.61	-5,788.29	924.85	618.10	306.75	3.015	
13,900.00	6,916.65	13,894.44	6,970.86	111.66	200.17	95.05	1,776.36	-5,869.78	929.34	618.95	310.39	2.994	
14,000.00	6,913.60	13,997.42	6,969.80	113.30	203.20	95.15	1,782.04	-5,972.60	934.76	619.66	315.10	2.967	
14,100.00	6,910.55	14,101.25	6,968.63	114.95	206.27	95.24	1,787.50	-6,076.28	939.93	620.08	319.85	2.939	
14,200.00	6,907.50	14,235.25	6,966.90	116.60	210.22	95.37	1,791.08	-6,210.21	942.38	616.51	325.87	2.892	
14,300.00	6,904.45	14,350.82	6,965.45	118.25	213.63	95.49	1,791.52	-6,325.77	942.67	611.72	330.94	2.848	
14,400.00	6,901.40	14,493.37	6,963.68	119.90	217.82	95.67	1,788.05	-6,468.26	940.30	603.84	336.46	2.795	
14,500.00	6,898.35	14,609.79	6,962.32	121.55	221.22	95.85	1,780.10	-6,584.40	933.28	592.15	341.13	2.736	
14,600.00	6,895.30	14,707.53	6,961.15	123.20	224.08	96.01	1,773.92	-6,681.93	926.91	581.34	345.57	2.682	
14,700.00	6,892.25	14,822.65	6,959.77	124.85	227.44	96.19	1,765.49	-6,796.73	919.58	569.47	350.11	2.627	
14,800.00	6,889.20	14,908.76	6,958.57	126.50	229.95	96.33	1,758.84	-6,882.57	911.86	557.39	354.48	2.572	
14,900.00	6,886.15	15,019.90	6,957.13	128.15	233.20	96.51	1,751.08	-6,993.44	904.91	545.92	358.98	2.521	
15,000.00	6,883.10	15,154.39	6,956.02	129.81	237.09	96.81	1,736.58	-7,127.12	893.93	530.76	363.17	2.461	
15,100.00	6,880.05	15,242.10	6,955.47	131.46	239.63	97.02	1,726.58	-7,214.25	882.64	515.01	367.63	2.401	
15,200.00	6,877.00	15,328.39	6,954.85	133.11	242.13	97.22	1,718.08	-7,300.12	872.89	500.82	372.06	2.346	
15,300.00	6,873.95	15,417.35	6,954.35	134.77	244.72	97.44	1,710.40	-7,388.75	864.38	487.96	376.42	2.296	
15,400.00	6,870.90	15,533.57	6,953.73	136.42	248.11	97.71	1,701.62	-7,504.62	857.19	476.46	380.73	2.251	
15,500.00	6,867.85	15,570.00	6,953.51	138.08	250.11	97.80	1,697.71	-7,540.85	849.50	464.06	385.43	2.204	
15,519.68	6,867.25	15,570.00	6,953.51	138.40	250.11	97.80	1,697.71	-7,540.85	849.27	463.58	385.69	2.202 CC, ES, SF	
15,562.16	6,865.95	15,570.00	6,953.51	139.11	250.11	97.80	1,697.71	-7,540.85	850.33	464.77	385.56	2.205	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-2.22	589.08	-22.83	589.79				
100.00	100.00	87.31	87.31	3.28	3.28	-2.23	588.68	-22.91	589.15	581.79	7.36	80.096	
188.88	188.88	170.88	170.88	3.30	3.29	-2.25	588.18	-23.15	588.64	581.25	7.38	79.723	
200.00	200.00	181.12	181.12	3.31	3.29	-2.26	588.19	-23.19	588.64	581.26	7.39	79.666	
300.00	300.00	279.91	279.91	3.35	3.32	-55.81	588.54	-23.42	588.77	581.31	7.46	78.946	
400.00	399.93	378.35	378.35	3.42	3.35	-56.12	588.98	-23.50	587.26	579.70	7.56	77.672	
500.00	499.68	478.34	478.33	3.51	3.41	-56.78	589.60	-23.90	584.04	576.33	7.70	75.834	
600.00	599.13	578.75	578.73	3.62	3.47	-57.77	590.07	-24.23	578.86	570.97	7.88	73.452	
700.00	698.15	675.68	675.67	3.76	3.55	-59.09	590.55	-24.89	572.07	563.97	8.10	70.650	
800.00	796.63	773.79	773.77	3.94	3.63	-60.73	591.39	-25.03	564.14	555.78	8.36	67.487	
900.00	894.53	870.92	870.89	4.15	3.73	-62.63	592.22	-25.47	555.23	546.57	8.67	64.063	
1,000.00	992.33	967.18	967.14	4.40	3.83	-64.59	593.19	-26.42	546.98	537.96	9.01	60.697	
1,100.00	1,090.13	1,062.93	1,062.88	4.68	3.94	-66.57	594.47	-27.30	539.72	530.33	9.39	57.476	
1,200.00	1,187.94	1,159.49	1,159.43	4.97	4.06	-68.62	596.10	-28.29	533.54	523.74	9.80	54.436	
1,300.00	1,285.74	1,257.87	1,257.78	5.28	4.19	-70.70	597.95	-28.85	528.14	517.90	10.24	51.570	
1,400.00	1,383.54	1,355.01	1,354.91	5.60	4.33	-72.87	599.50	-30.02	523.43	512.73	10.70	48.907	
1,500.00	1,481.35	1,452.31	1,452.19	5.94	4.47	-75.00	601.50	-30.63	519.72	508.54	11.18	46.471	
1,600.00	1,579.15	1,551.92	1,551.77	6.29	4.62	-77.28	603.22	-31.81	516.71	505.03	11.69	44.219	
1,700.00	1,676.96	1,652.94	1,652.77	6.64	4.77	-79.69	604.15	-33.42	514.00	501.80	12.20	42.123	
1,800.00	1,774.76	1,750.57	1,750.38	7.01	4.93	-82.14	604.23	-35.56	511.74	499.02	12.72	40.218	
1,897.56	1,870.18	1,842.08	1,841.86	7.20	5.08	-84.44	604.66	-37.71	510.89	498.03	12.86	39.717	
1,900.00	1,872.56	1,844.33	1,844.12	7.21	5.08	-84.50	604.68	-37.76	510.89	498.02	12.87	39.690	
2,000.00	1,970.37	1,938.38	1,938.13	7.26	5.24	-86.82	606.03	-40.02	511.83	498.75	13.08	39.139	
2,100.00	2,068.17	2,035.09	2,034.79	7.32	5.41	-89.16	607.88	-42.32	514.07	500.76	13.31	38.635	
2,200.00	2,165.98	2,132.94	2,132.59	7.41	5.58	-91.44	610.16	-44.14	517.23	503.68	13.55	38.162	
2,300.00	2,263.78	2,232.28	2,231.89	7.51	5.75	-93.64	612.88	-45.39	521.15	507.33	13.82	37.708	
2,400.00	2,361.58	2,332.99	2,332.57	7.62	5.93	-95.76	615.64	-45.75	525.23	511.13	14.11	37.236	
2,500.00	2,459.39	2,429.47	2,429.00	7.75	6.11	-97.73	618.50	-45.74	529.93	515.53	14.40	36.812	
2,600.00	2,557.19	2,525.34	2,524.83	7.90	6.28	-99.70	621.33	-46.53	535.86	521.16	14.70	36.461	
2,700.00	2,654.99	2,625.59	2,625.03	8.05	6.47	-101.66	624.51	-46.78	542.16	527.14	15.02	36.096	
2,800.00	2,752.80	2,720.59	2,719.96	8.22	6.65	-103.46	627.77	-47.11	549.33	533.99	15.34	35.803	
2,900.00	2,850.60	2,817.19	2,816.50	8.41	6.83	-105.24	631.28	-47.74	557.43	541.75	15.68	35.550	
3,000.00	2,948.41	2,912.41	2,911.65	8.60	7.02	-106.98	634.75	-48.83	566.48	550.46	16.02	35.353	
3,100.00	3,046.21	3,006.81	3,005.97	8.80	7.20	-108.68	638.31	-50.47	576.64	560.27	16.37	35.217	
3,200.00	3,144.01	3,100.81	3,099.87	9.02	7.38	-110.32	642.08	-52.67	587.96	571.23	16.73	35.142	
3,300.00	3,241.82	3,198.15	3,197.09	9.24	7.57	-111.95	646.22	-55.21	600.14	583.03	17.11	35.085	
3,400.00	3,339.62	3,297.14	3,295.95	9.47	7.77	-113.50	650.79	-57.53	612.73	595.24	17.49	35.028	
3,500.00	3,437.43	3,390.53	3,389.21	9.71	7.95	-114.92	655.00	-60.02	625.98	608.11	17.87	35.029	
3,600.00	3,535.23	3,491.72	3,490.27	9.96	8.15	-116.47	658.97	-63.21	639.82	621.55	18.28	35.008	
3,700.00	3,633.03	3,593.80	3,592.25	10.21	8.36	-117.98	662.54	-65.87	653.42	634.73	18.69	34.960	
3,800.00	3,730.84	3,693.88	3,692.25	10.47	8.56	-119.39	665.93	-67.95	666.91	647.80	19.10	34.908	
3,900.00	3,828.64	3,787.72	3,786.02	10.74	8.75	-120.67	669.02	-70.04	680.87	661.36	19.51	34.903	
4,000.00	3,926.44	3,886.51	3,884.73	11.01	8.95	-122.02	671.75	-72.76	695.48	675.55	19.93	34.900	
4,100.00	4,024.25	3,980.91	3,979.06	11.28	9.14	-123.29	674.01	-75.52	710.50	690.16	20.34	34.932	
4,200.00	4,122.05	4,075.29	4,073.36	11.56	9.33	-124.58	675.61	-79.00	726.37	705.62	20.75	34.999	
4,300.00	4,219.86	4,168.20	4,166.18	11.85	9.52	-125.82	676.96	-82.95	743.08	721.91	21.17	35.104	
4,400.00	4,317.66	4,264.79	4,262.64	12.14	9.72	-127.01	679.10	-87.29	760.57	738.98	21.60	35.214	
4,500.00	4,415.46	4,363.88	4,361.63	12.43	9.92	-128.17	681.44	-91.53	778.22	756.18	22.04	35.307	
4,600.00	4,513.27	4,463.73	4,461.36	12.72	10.13	-129.25	684.12	-95.45	795.88	773.39	22.49	35.385	
4,700.00	4,611.07	4,568.87	4,566.38	13.02	10.34	-130.26	687.75	-98.80	813.27	790.30	22.96	35.415	
4,800.00	4,708.88	4,670.12	4,667.54	13.32	10.55	-131.19	691.26	-101.09	829.97	806.54	23.43	35.427	
4,900.00	4,806.68	4,770.92	4,768.27	13.63	10.76	-132.08	694.61	-103.16	846.64	822.75	23.89	35.436	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,904.48	4,869.93	4,867.21	13.94	10.97	-132.92	697.87	-104.86	863.17	838.81	24.35	35.441		
5,100.00	5,002.29	4,967.55	4,964.76	14.25	11.17	-133.70	701.24	-106.50	879.85	855.03	24.82	35.454		
5,200.00	5,100.09	5,066.49	5,063.63	14.56	11.38	-134.48	704.55	-108.17	896.68	871.40	25.28	35.463		
5,300.00	5,197.90	5,161.54	5,158.62	14.87	11.58	-135.21	707.41	-109.79	913.65	887.91	25.74	35.491		
5,400.00	5,295.70	5,255.04	5,252.05	15.19	11.77	-135.90	710.40	-111.83	931.24	905.04	26.20	35.543		
5,500.00	5,393.50	5,348.44	5,345.39	15.51	11.97	-136.63	712.45	-114.38	949.40	922.75	26.66	35.615		
5,600.00	5,491.31	5,442.46	5,439.35	15.83	12.16	-137.39	713.65	-117.45	968.17	941.05	27.12	35.703		
5,700.00	5,589.11	5,535.79	5,532.61	16.15	12.36	-138.10	715.22	-120.72	987.36	959.78	27.58	35.803		
5,800.00	5,686.91	5,627.19	5,623.92	16.47	12.55	-138.76	716.87	-124.50	1,007.33	979.29	28.03	35.933		
5,900.00	5,784.72	5,722.30	5,718.91	16.80	12.75	-139.40	718.93	-128.68	1,027.72	999.21	28.50	36.054		
6,000.00	5,882.52	5,815.52	5,812.01	17.12	12.95	-140.01	720.96	-133.14	1,048.60	1,019.63	28.97	36.194		
6,100.00	5,980.33	5,914.89	5,911.24	17.45	13.16	-140.66	722.66	-137.92	1,069.62	1,040.16	29.46	36.306		
6,200.00	6,078.13	6,011.27	6,007.50	17.78	13.36	-141.28	724.02	-142.50	1,090.70	1,060.76	29.94	36.428		
6,300.00	6,175.93	6,104.89	6,101.00	18.11	13.55	-141.88	725.05	-147.14	1,112.09	1,081.68	30.41	36.566		
6,400.00	6,273.74	6,200.54	6,196.52	18.44	13.76	-142.45	726.35	-152.08	1,133.81	1,102.92	30.90	36.698		
6,499.99	6,371.53	6,291.99	6,287.82	18.77	13.95	-142.97	727.86	-157.07	1,155.92	1,124.56	31.36	36.855		
6,600.00	6,470.24	6,389.58	6,385.24	19.03	14.16	-95.62	729.55	-162.68	1,170.68	1,138.88	31.79	36.820		
6,700.00	6,569.10	6,492.06	6,487.54	19.19	14.37	-42.71	731.14	-168.44	1,169.79	1,137.60	32.18	36.349		
6,800.00	6,665.69	6,586.38	6,581.71	19.30	14.57	-25.31	731.87	-173.71	1,153.38	1,120.89	32.49	35.501		
6,900.00	6,757.63	6,680.97	6,676.14	19.34	14.77	-18.98	733.02	-179.17	1,122.06	1,089.31	32.75	34.257		
7,000.00	6,842.65	6,772.45	6,767.44	19.33	14.97	-16.36	735.31	-184.34	1,076.26	1,043.28	32.98	32.632		
7,100.00	6,918.67	6,855.33	6,850.15	19.30	15.14	-15.59	738.18	-188.79	1,017.02	983.85	33.16	30.666		
7,200.00	6,983.80	6,929.76	6,924.41	19.25	15.30	-16.28	741.31	-192.57	945.85	912.53	33.32	28.387		
7,300.00	7,036.46	6,993.61	6,988.15	19.23	15.44	-18.88	744.06	-195.34	864.36	830.90	33.46	25.835		
7,400.00	7,075.33	7,041.31	7,035.77	19.26	15.54	-24.93	746.18	-197.06	774.80	741.24	33.56	23.084		
7,500.00	7,099.46	7,071.67	7,066.08	19.40	15.60	-39.84	747.64	-198.00	679.69	646.04	33.65	20.197		
7,600.00	7,108.27	7,084.51	7,078.90	19.68	15.63	-79.36	748.28	-198.37	581.61	547.88	33.73	17.242		
7,700.00	7,105.75	7,084.78	7,079.17	20.11	15.63	-93.79	748.30	-198.37	483.05	449.22	33.83	14.278		
7,800.00	7,102.70	7,084.48	7,078.87	20.71	15.63	-93.59	748.28	-198.37	385.22	351.21	34.01	11.327		
7,900.00	7,099.65	7,084.18	7,078.57	21.43	15.63	-93.40	748.27	-198.36	288.88	254.51	34.37	8.405		
8,000.00	7,096.60	7,083.90	7,078.29	22.26	15.63	-93.22	748.25	-198.35	196.24	160.97	35.26	5.565		
8,100.00	7,093.55	7,083.61	7,078.01	23.18	15.63	-93.04	748.24	-198.34	116.47	78.61	37.86	3.076		
8,174.72	7,091.27	7,083.41	7,077.80	23.92	15.63	-92.91	748.23	-198.34	89.34	49.28	40.06	2.230 CC, ES, SF		
8,200.00	7,090.50	7,083.34	7,077.73	24.18	15.63	-92.86	748.22	-198.34	92.85	53.36	39.49	2.351		
8,300.00	7,087.45	7,083.07	7,077.47	25.24	15.63	-92.69	748.21	-198.33	153.87	118.29	35.58	4.325		
8,400.00	7,084.40	7,082.82	7,077.21	26.37	15.63	-92.52	748.20	-198.32	242.35	208.14	34.21	7.085		
8,500.00	7,081.35	7,082.56	7,076.95	27.55	15.63	-92.36	748.18	-198.31	337.33	303.55	33.77	9.988		
8,600.00	7,078.30	7,082.31	7,076.71	28.78	15.63	-92.20	748.17	-198.31	434.56	400.95	33.61	12.930		
8,700.00	7,075.25	7,082.07	7,076.47	30.05	15.63	-92.05	748.16	-198.30	532.82	499.29	33.54	15.888		
8,800.00	7,072.20	7,081.84	7,076.23	31.36	15.63	-91.90	748.15	-198.29	631.63	598.12	33.51	18.851		
8,900.00	7,069.15	7,081.61	7,076.00	32.70	15.63	-91.75	748.14	-198.29	730.76	697.26	33.50	21.816		
9,000.00	7,066.10	7,081.38	7,075.78	34.07	15.62	-91.61	748.13	-198.28	830.10	796.60	33.50	24.780		
9,100.00	7,063.05	7,081.17	7,075.56	35.46	15.62	-91.47	748.11	-198.27	929.58	896.07	33.51	27.742		
9,200.00	7,060.00	7,080.95	7,075.35	36.87	15.62	-91.33	748.10	-198.27	1,029.16	995.64	33.52	30.700		
9,300.00	7,056.95	7,080.74	7,075.14	38.31	15.62	-91.20	748.09	-198.26	1,128.82	1,095.28	33.54	33.653		
9,400.00	7,053.90	7,080.54	7,074.93	39.76	15.62	-91.06	748.08	-198.26	1,228.53	1,194.96	33.57	36.601		
9,500.00	7,050.85	7,080.34	7,074.73	41.23	15.62	-90.94	748.07	-198.25	1,328.28	1,294.69	33.59	39.543		
9,600.00	7,047.80	7,080.14	7,074.54	42.72	15.62	-90.81	748.06	-198.25	1,428.07	1,394.45	33.62	42.479		
9,700.00	7,044.75	7,079.95	7,074.35	44.22	15.62	-90.69	748.05	-198.24	1,527.89	1,494.24	33.65	45.407		
9,800.00	7,041.70	7,079.76	7,074.16	45.73	15.62	-90.57	748.04	-198.24	1,627.73	1,594.05	33.68	48.328		
9,900.00	7,038.65	7,079.58	7,073.98	47.25	15.62	-90.45	748.03	-198.23	1,727.59	1,693.87	33.72	51.240		
10,000.00	7,035.60	7,079.40	7,073.80	48.78	15.62	-90.34	748.02	-198.23	1,827.46	1,793.71	33.75	54.143		

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
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Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)												Offset Well Error:	3.28 usft
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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	7,032.55	7,079.22	7,073.62	50.32	15.62	-90.22	748.02	-198.22	1,927.35	1,893.56	33.79	57.037	
10,200.00	7,029.50	7,079.05	7,073.45	51.86	15.62	-90.11	748.01	-198.22	2,027.24	1,993.41	33.83	59.922	
10,300.00	7,026.45	7,078.88	7,073.28	53.42	15.62	-90.01	748.00	-198.21	2,127.15	2,093.28	33.87	62.796	
10,400.00	7,023.40	7,078.72	7,073.12	54.98	15.62	-89.90	747.99	-198.21	2,227.07	2,193.15	33.92	65.660	
10,500.00	7,020.35	7,078.56	7,072.96	56.55	15.62	-89.80	747.98	-198.20	2,326.99	2,293.03	33.96	68.513	
10,600.00	7,017.30	7,078.40	7,072.80	58.12	15.62	-89.70	747.97	-198.20	2,426.92	2,392.91	34.01	71.355	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,100.00	3,046.21	4,107.49	3,899.71	8.80	16.38	-85.71	2,363.60	-627.42	2,479.51	2,456.81	22.70	109.216		
3,200.00	3,144.01	4,174.07	3,960.06	9.02	16.72	-86.45	2,335.59	-629.82	2,440.80	2,417.54	23.27	104.910		
3,300.00	3,241.82	4,249.47	4,028.64	9.24	17.11	-87.30	2,304.35	-632.32	2,403.20	2,379.33	23.86	100.703		
3,400.00	3,339.62	4,332.65	4,104.46	9.47	17.54	-88.24	2,270.22	-634.63	2,366.41	2,341.91	24.50	96.607		
3,500.00	3,437.43	4,414.56	4,179.12	9.71	17.95	-89.18	2,236.60	-636.75	2,330.25	2,305.11	25.14	92.701		
3,600.00	3,535.23	4,476.01	4,235.28	9.96	18.27	-89.91	2,211.72	-638.45	2,295.35	2,269.61	25.74	89.169		
3,700.00	3,633.03	4,533.98	4,288.49	10.21	18.56	-90.60	2,188.77	-640.27	2,262.08	2,235.73	26.35	85.853		
3,800.00	3,730.84	4,600.00	4,349.36	10.47	18.89	-91.40	2,163.34	-642.84	2,230.71	2,203.72	26.99	82.656		
3,900.00	3,828.64	4,640.85	4,387.20	10.74	19.09	-91.90	2,148.07	-644.72	2,201.29	2,173.72	27.56	79.859		
4,000.00	3,926.44	4,700.00	4,442.31	11.01	19.38	-92.64	2,126.80	-647.82	2,174.16	2,145.96	28.20	77.097		
4,100.00	4,024.25	4,757.12	4,495.79	11.28	19.65	-93.34	2,106.99	-650.95	2,149.00	2,120.17	28.83	74.534		
4,200.00	4,122.05	4,826.11	4,560.66	11.56	19.97	-94.19	2,083.80	-654.53	2,125.48	2,095.97	29.50	72.038		
4,300.00	4,219.86	4,894.91	4,625.70	11.85	20.29	-95.03	2,061.61	-657.78	2,103.60	2,073.42	30.18	69.707		
4,400.00	4,317.66	4,977.35	4,703.97	12.14	20.66	-96.03	2,035.94	-661.22	2,083.11	2,052.22	30.89	67.430		
4,500.00	4,415.46	5,049.74	4,772.90	12.43	20.98	-96.90	2,014.00	-663.93	2,063.86	2,032.28	31.58	65.359		
4,600.00	4,513.27	5,120.12	4,840.20	12.72	21.28	-97.74	1,993.57	-666.52	2,046.30	2,014.04	32.26	63.440		
4,700.00	4,611.07	5,195.45	4,912.48	13.02	21.61	-98.63	1,972.51	-669.23	2,030.28	1,997.33	32.95	61.620		
4,800.00	4,708.88	5,262.16	4,976.76	13.32	21.88	-99.41	1,954.83	-671.43	2,015.90	1,982.30	33.61	59.987		
4,900.00	4,806.68	5,328.69	5,041.24	13.63	22.15	-100.15	1,938.54	-673.32	2,003.40	1,969.15	34.26	58.485		
5,000.00	4,904.48	5,400.00	5,110.68	13.94	22.43	-100.94	1,922.45	-675.23	1,992.80	1,957.89	34.91	57.082		
5,100.00	5,002.29	5,463.06	5,172.34	14.25	22.66	-101.61	1,909.35	-676.91	1,984.04	1,948.52	35.53	55.846		
5,200.00	5,100.09	5,531.31	5,239.30	14.56	22.91	-102.32	1,896.29	-678.77	1,977.11	1,940.96	36.15	54.689		
5,300.00	5,197.90	5,600.00	5,306.92	14.87	23.16	-103.01	1,884.34	-680.73	1,971.99	1,935.23	36.77	53.633		
5,400.00	5,295.70	5,671.56	5,377.56	15.19	23.40	-103.71	1,873.12	-682.80	1,968.60	1,931.22	37.38	52.663		
5,500.00	5,393.50	5,744.94	5,450.19	15.51	23.65	-104.40	1,862.88	-684.91	1,966.81	1,928.82	37.99	51.772		
5,568.71	5,460.70	5,796.07	5,500.89	15.73	23.81	-104.87	1,856.43	-686.40	1,966.46	1,928.05	38.41	51.203		
5,600.00	5,491.31	5,818.67	5,523.33	15.83	23.88	-105.07	1,853.76	-687.06	1,966.54	1,927.95	38.59	50.961		
5,700.00	5,589.11	5,890.82	5,595.03	16.15	24.10	-105.70	1,846.13	-689.19	1,967.83	1,928.66	39.17	50.239		
5,800.00	5,686.91	5,986.90	5,690.69	16.47	24.39	-106.50	1,837.40	-691.70	1,970.19	1,930.36	39.83	49.469		
5,900.00	5,784.72	6,072.59	5,776.06	16.80	24.64	-107.19	1,830.24	-693.59	1,973.07	1,932.63	40.44	48.791		
6,000.00	5,882.52	6,152.89	5,856.08	17.12	24.88	-107.84	1,823.86	-695.80	1,977.00	1,935.97	41.03	48.185		
6,100.00	5,980.33	6,228.38	5,931.28	17.45	25.10	-108.45	1,818.04	-698.58	1,982.17	1,940.58	41.60	47.653		
6,200.00	6,078.13	6,300.00	6,002.67	17.78	25.30	-109.03	1,813.19	-701.80	1,988.88	1,946.74	42.14	47.198		
6,300.00	6,175.93	6,300.00	6,164.49	18.11	25.34	-110.22	1,804.44	-706.73	1,995.94	1,953.33	42.60	46.848		
6,400.00	6,273.74	6,560.98	6,263.12	18.44	25.84	-110.81	1,801.25	-704.19	1,999.43	1,955.98	43.46	46.010		
6,499.99	6,371.53	6,607.58	6,309.70	18.77	25.87	-111.03	1,802.17	-702.91	2,005.65	1,961.86	43.79	45.802		
6,600.00	6,470.24	6,693.47	6,395.52	19.03	25.84	-63.51	1,805.11	-701.25	2,006.78	1,962.77	44.01	45.596		
6,700.00	6,569.10	6,781.61	6,483.60	19.19	25.80	-9.58	1,808.30	-700.07	1,995.15	1,951.00	44.15	45.189		
6,800.00	6,665.69	6,840.71	6,542.64	19.30	25.78	9.71	1,810.79	-699.75	1,971.46	1,927.26	44.20	44.607		
6,900.00	6,757.63	6,900.00	6,601.81	19.34	25.76	18.93	1,814.42	-700.46	1,937.35	1,893.18	44.17	43.865		
7,000.00	6,842.65	7,042.85	6,744.49	19.33	25.79	26.49	1,820.65	-702.77	1,891.52	1,847.24	44.29	42.712		
7,100.00	6,918.67	7,182.90	6,884.53	19.30	26.03	34.76	1,820.28	-702.91	1,832.24	1,787.70	44.54	41.138		
7,200.00	6,983.80	7,253.78	6,955.39	19.25	26.16	43.92	1,819.07	-702.00	1,763.67	1,719.11	44.55	39.585		
7,300.00	7,036.46	7,305.17	7,006.78	19.23	26.26	54.85	1,818.18	-701.31	1,689.36	1,644.85	44.50	37.962		
7,400.00	7,075.33	7,342.72	7,044.32	19.26	26.44	67.34	1,817.53	-700.82	1,611.75	1,567.24	44.51	36.212		
7,500.00	7,099.46	7,365.51	7,067.09	19.40	26.54	80.04	1,817.13	-700.52	1,533.45	1,489.02	44.43	34.511		
7,600.00	7,108.27	7,372.96	7,074.54	19.68	26.58	91.18	1,817.00	-700.42	1,457.13	1,412.84	44.29	32.898		
7,700.00	7,105.75	7,369.11	7,070.70	20.11	26.56	93.50	1,817.07	-700.47	1,384.72	1,340.57	44.15	31.367		
7,800.00	7,102.70	7,364.74	7,066.32	20.71	26.54	93.24	1,817.14	-700.53	1,315.98	1,271.88	44.10	29.839		
7,900.00	7,099.65	7,360.36	7,061.95	21.43	26.52	92.99	1,817.22	-700.58	1,251.44	1,207.25	44.19	28.318		
8,000.00	7,096.60	7,355.98	7,057.57	22.26	26.50	92.73	1,817.30	-700.64	1,191.80	1,147.35	44.45	26.815		
8,100.00	7,093.55	7,351.60	7,053.19	23.18	26.48	92.48	1,817.37	-700.70	1,137.82	1,092.93	44.89	25.348		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,200.00	7,090.50	7,347.23	7,048.82	24.18	26.46	92.22	1,817.45	-700.76	1,090.33	1,044.80	45.53	23.947	
8,300.00	7,087.45	7,342.85	7,044.44	25.24	26.44	91.96	1,817.52	-700.82	1,050.23	1,003.85	46.38	22.644	
8,400.00	7,084.40	7,338.47	7,040.06	26.37	26.42	91.71	1,817.60	-700.87	1,018.39	970.97	47.42	21.477	
8,500.00	7,081.35	7,334.09	7,035.69	27.55	26.40	91.45	1,817.68	-700.93	995.59	946.98	48.61	20.481	
8,600.00	7,078.30	7,329.71	7,031.31	28.78	26.37	91.20	1,817.75	-700.99	982.47	932.56	49.91	19.685	
8,680.02	7,075.86	7,326.21	7,027.81	29.80	26.36	90.99	1,817.81	-701.04	979.21	928.22	50.99	19.204 CC	
8,700.00	7,075.25	7,325.34	7,026.93	30.05	26.35	90.94	1,817.83	-701.05	979.41	928.15	51.26	19.108 ES	
8,800.00	7,072.20	7,320.96	7,022.56	31.36	26.33	90.69	1,817.90	-701.11	986.52	933.92	52.59	18.757	
8,900.00	7,069.15	7,316.58	7,018.18	32.70	26.31	90.43	1,817.98	-701.16	1,003.57	949.71	53.86	18.633 SF	
9,000.00	7,066.10	7,312.20	7,013.80	34.07	26.29	90.17	1,818.06	-701.22	1,030.07	975.06	55.01	18.726	
9,100.00	7,063.05	7,307.83	7,009.43	35.46	26.27	89.92	1,818.13	-701.28	1,065.31	1,009.30	56.01	19.020	
9,200.00	7,060.00	7,303.45	7,005.05	36.87	26.25	89.66	1,818.21	-701.34	1,108.47	1,051.62	56.85	19.498	
9,300.00	7,056.95	7,300.93	7,000.67	38.31	26.24	89.41	1,818.28	-701.40	1,158.66	1,101.12	57.54	20.136	
9,400.00	7,053.90	7,305.31	6,996.30	39.76	26.26	89.15	1,818.36	-701.45	1,215.00	1,156.88	58.12	20.905	
9,500.00	7,050.85	7,309.69	6,991.92	41.23	26.28	88.89	1,818.43	-701.51	1,276.69	1,218.12	58.57	21.798	
9,600.00	7,047.80	7,285.94	6,987.54	42.72	26.21	88.64	1,818.51	-701.57	1,342.98	1,284.18	58.80	22.839	
9,700.00	7,044.75	7,281.56	6,983.17	44.22	26.20	88.38	1,818.59	-701.63	1,413.23	1,354.21	59.02	23.946	
9,800.00	7,041.70	7,277.18	6,978.79	45.73	26.20	88.13	1,818.66	-701.69	1,486.88	1,427.72	59.16	25.133	
9,900.00	7,038.65	7,272.80	6,974.41	47.25	26.19	87.87	1,818.74	-701.74	1,563.44	1,504.19	59.25	26.388	
10,000.00	7,035.60	7,268.42	6,970.04	48.78	26.18	87.62	1,818.81	-701.80	1,642.52	1,583.23	59.29	27.703	
10,100.00	7,032.55	7,264.05	6,965.66	50.32	26.18	87.36	1,818.89	-701.86	1,723.75	1,664.45	59.30	29.068	
10,200.00	7,029.50	7,259.67	6,961.28	51.86	26.17	87.11	1,818.97	-701.92	1,806.87	1,747.58	59.29	30.477	
10,300.00	7,026.45	7,255.29	6,956.91	53.42	26.16	86.85	1,819.04	-701.98	1,891.60	1,832.35	59.25	31.924	
10,400.00	7,023.40	7,250.91	6,952.53	54.98	26.15	86.60	1,819.12	-702.03	1,977.75	1,918.55	59.21	33.403	
10,500.00	7,020.35	7,246.54	6,948.15	56.55	26.15	86.34	1,819.19	-702.09	2,065.15	2,005.99	59.16	34.910	
10,600.00	7,017.30	7,242.16	6,943.77	58.12	26.14	86.09	1,819.27	-702.15	2,153.63	2,094.53	59.10	36.442	
10,700.00	7,014.25	7,237.78	6,939.40	59.70	26.13	85.84	1,819.35	-702.21	2,243.07	2,184.03	59.04	37.994	
10,800.00	7,011.20	7,233.40	6,935.02	61.28	26.13	85.58	1,819.42	-702.27	2,333.36	2,274.38	58.97	39.565	
10,900.00	7,008.15	7,229.02	6,930.64	62.87	26.12	85.33	1,819.50	-702.32	2,424.40	2,365.49	58.91	41.153	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,700.00	2,654.99	3,740.42	3,523.88	8.05	15.88	-64.08	2,565.32	132.66	2,491.61	2,470.65	20.96	118.871		
2,800.00	2,752.80	3,800.00	3,578.85	8.22	16.18	-64.19	2,544.71	142.78	2,445.88	2,424.51	21.37	114.464		
2,900.00	2,850.60	2,900.00	3,717.30	8.41	11.70	-64.49	2,491.82	167.93	2,400.20	2,382.01	18.19	131.923		
3,000.00	2,948.41	4,128.92	3,878.82	8.60	17.85	-64.84	2,422.41	199.13	2,350.35	2,327.69	22.66	103.738		
3,100.00	3,046.21	4,222.90	3,962.93	8.80	18.35	-65.04	2,384.02	216.08	2,298.77	2,275.60	23.17	99.212		
3,200.00	3,144.01	4,275.48	4,010.13	9.02	18.63	-65.14	2,363.04	225.86	2,248.03	2,224.41	23.62	95.177		
3,300.00	3,241.82	4,359.79	4,086.12	9.24	19.08	-65.28	2,330.36	242.15	2,198.25	2,174.11	24.14	91.064		
3,400.00	3,339.62	4,515.39	4,225.08	9.47	19.93	-65.53	2,267.94	273.83	2,147.19	2,122.39	24.79	86.599		
3,500.00	3,437.43	4,564.28	4,268.62	9.71	20.20	-65.61	2,248.12	283.92	2,095.39	2,070.11	25.28	82.903		
3,600.00	3,535.23	4,702.03	4,391.11	9.96	20.97	-65.83	2,192.15	312.81	2,043.98	2,018.08	25.90	78.910		
3,700.00	3,633.03	4,746.60	4,430.52	10.21	21.22	-65.89	2,173.75	322.54	1,991.43	1,965.02	26.40	75.432		
3,800.00	3,730.84	4,800.00	4,478.16	10.47	21.52	-65.95	2,152.73	334.39	1,940.55	1,913.64	26.92	72.094		
3,900.00	3,828.64	4,850.12	4,523.22	10.74	21.79	-66.01	2,133.85	345.59	1,891.22	1,863.79	27.43	68.937		
4,000.00	3,926.44	4,911.92	4,579.13	11.01	22.12	-66.08	2,111.42	359.36	1,843.26	1,815.29	27.98	65.889		
4,100.00	4,024.25	4,995.08	4,654.72	11.28	22.56	-66.21	2,081.62	377.10	1,795.97	1,767.41	28.55	62.896		
4,200.00	4,122.05	5,112.73	4,761.51	11.56	23.19	-66.47	2,038.19	400.54	1,747.86	1,718.69	29.18	59.904		
4,300.00	4,219.86	5,179.32	4,821.99	11.85	23.54	-66.64	2,013.47	413.40	1,699.76	1,670.03	29.73	57.168		
4,400.00	4,317.66	5,245.03	4,882.00	12.14	23.88	-66.82	1,989.83	425.95	1,652.78	1,622.49	30.29	54.567		
4,500.00	4,415.46	5,300.00	4,932.48	12.43	24.16	-66.98	1,970.66	436.21	1,607.10	1,576.26	30.83	52.124		
4,600.00	4,513.27	5,342.35	4,971.80	12.72	24.37	-67.12	1,956.83	443.74	1,563.77	1,532.42	31.35	49.887		
4,700.00	4,611.07	5,400.00	5,026.26	13.02	24.64	-67.33	1,940.39	453.04	1,523.92	1,492.04	31.88	47.806		
4,800.00	4,708.88	5,425.22	5,050.34	13.32	24.75	-67.43	1,933.94	456.81	1,486.62	1,454.30	32.32	45.994		
4,900.00	4,806.68	5,478.72	5,101.75	13.63	24.97	-67.67	1,921.24	464.44	1,452.32	1,419.51	32.81	44.267		
5,000.00	4,904.48	5,540.80	5,161.84	13.94	25.22	-67.96	1,907.98	472.63	1,420.51	1,387.21	33.30	42.655		
5,100.00	5,002.29	5,609.10	5,228.31	14.25	25.49	-68.32	1,894.50	480.73	1,390.65	1,356.85	33.80	41.141		
5,200.00	5,100.09	5,682.06	5,299.62	14.56	25.76	-68.75	1,881.11	488.29	1,362.54	1,328.24	34.30	39.721		
5,300.00	5,197.90	5,755.05	5,371.25	14.87	26.02	-69.23	1,868.65	494.72	1,336.12	1,301.33	34.79	38.405		
5,400.00	5,295.70	5,821.72	5,436.92	15.19	26.24	-69.72	1,858.17	499.59	1,311.56	1,276.32	35.24	37.220		
5,500.00	5,393.50	5,878.43	5,493.03	15.51	26.42	-70.18	1,850.62	502.64	1,289.86	1,254.25	35.62	36.213		
5,600.00	5,491.31	5,951.87	5,565.97	15.83	26.63	-70.85	1,842.41	504.83	1,270.97	1,234.93	36.04	35.266		
5,700.00	5,589.11	6,026.96	5,640.62	16.15	26.82	-71.63	1,834.29	504.82	1,253.67	1,217.23	36.44	34.407		
5,800.00	5,686.91	6,100.00	5,713.36	16.47	26.99	-72.46	1,827.87	503.38	1,239.02	1,202.23	36.79	33.674		
5,900.00	5,784.72	6,158.03	5,771.25	16.80	27.09	-73.12	1,824.14	501.84	1,227.14	1,190.10	37.03	33.136		
6,000.00	5,882.52	6,232.07	5,845.21	17.12	27.22	-73.94	1,821.18	500.14	1,217.98	1,180.62	37.36	32.605		
6,100.00	5,980.33	6,317.59	5,930.71	17.45	27.39	-74.80	1,819.39	499.66	1,210.44	1,172.67	37.77	32.046		
6,200.00	6,078.13	6,402.38	6,015.50	17.78	27.56	-75.61	1,818.79	499.84	1,204.26	1,166.04	38.21	31.514		
6,300.00	6,175.93	6,484.96	6,098.07	18.11	27.64	-76.42	1,819.07	499.58	1,199.56	1,161.03	38.52	31.139		
6,400.00	6,273.74	6,567.80	6,180.90	18.44	27.63	-77.25	1,820.13	498.47	1,196.44	1,157.71	38.73	30.890		
6,499.99	6,371.53	6,647.48	6,260.53	18.77	27.60	-78.07	1,821.91	496.57	1,194.99	1,156.09	38.90	30.719		
6,600.00	6,470.24	6,759.91	6,372.85	19.03	27.56	-30.70	1,825.14	492.54	1,191.62	1,152.42	39.19	30.404		
6,700.00	6,569.10	6,916.15	6,529.06	19.19	27.71	23.93	1,824.74	491.78	1,177.07	1,137.21	39.86	29.532		
6,800.00	6,665.69	7,011.50	6,624.39	19.30	27.93	44.65	1,823.07	492.92	1,154.29	1,114.04	40.25	28.680		
6,900.00	6,757.63	7,100.67	6,713.52	19.34	28.12	55.70	1,822.14	495.15	1,126.39	1,085.82	40.57	27.766		
7,000.00	6,842.65	7,189.65	6,802.46	19.33	28.32	64.46	1,821.31	497.96	1,095.00	1,054.09	40.91	26.764		
7,100.00	6,918.67	7,268.67	6,881.43	19.30	28.50	72.36	1,820.05	500.19	1,062.38	1,021.10	41.28	25.734		
7,200.00	6,983.80	7,333.46	6,946.19	19.25	28.63	79.34	1,818.76	501.99	1,031.62	989.95	41.68	24.752		
7,300.00	7,036.46	7,383.58	6,996.28	19.23	28.72	85.03	1,817.73	503.39	1,006.19	964.01	42.18	23.856		
7,400.00	7,075.33	7,419.75	7,032.43	19.26	28.84	89.07	1,816.99	504.39	989.18	946.25	42.93	23.041		
7,500.00	7,099.46	7,441.10	7,053.77	19.40	28.93	91.12	1,816.56	504.99	983.03	939.15	43.88	22.401		
7,501.35	7,099.69	7,441.29	7,053.95	19.41	28.93	91.14	1,816.55	504.99	983.03	939.13	43.90	22.394 CC, ES		
7,600.00	7,108.27	7,447.10	7,059.76	19.68	28.95	91.04	1,816.43	505.16	989.06	944.13	44.94	22.010		
7,700.00	7,105.75	7,441.79	7,054.46	20.11	28.93	90.40	1,816.54	505.01	1,006.67	960.62	46.06	21.858 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,800.00	7,102.70	7,435.96	7,048.62	20.71	28.91	90.06	1,816.66	504.85	1,033.73	986.49	47.24	21.882	
7,900.00	7,099.65	7,430.12	7,042.79	21.43	28.88	89.72	1,816.78	504.68	1,069.47	1,021.05	48.41	22.090	
8,000.00	7,096.60	7,424.28	7,036.96	22.26	28.86	89.38	1,816.90	504.52	1,113.03	1,063.52	49.52	22.478	
8,100.00	7,093.55	7,418.45	7,031.12	23.18	28.83	89.04	1,817.02	504.36	1,163.56	1,113.04	50.51	23.035	
8,200.00	7,090.50	7,412.61	7,025.29	24.18	28.81	88.70	1,817.14	504.20	1,220.17	1,168.78	51.39	23.744	
8,300.00	7,087.45	7,406.77	7,019.46	25.24	28.78	88.36	1,817.26	504.03	1,282.07	1,229.92	52.14	24.588	
8,400.00	7,084.40	7,400.94	7,013.63	26.37	28.75	88.02	1,817.38	503.87	1,348.52	1,295.74	52.78	25.549	
8,500.00	7,081.35	7,404.90	7,007.79	27.55	28.77	87.68	1,817.50	503.71	1,418.89	1,365.53	53.36	26.590	
8,600.00	7,078.30	7,389.27	7,001.96	28.78	28.73	87.34	1,817.62	503.55	1,492.62	1,438.83	53.79	27.747	
8,700.00	7,075.25	7,383.43	6,996.13	30.05	28.72	87.00	1,817.74	503.38	1,569.25	1,515.06	54.18	28.963	
8,800.00	7,072.20	7,377.59	6,990.29	31.36	28.71	86.66	1,817.86	503.22	1,648.35	1,593.85	54.50	30.242	
8,900.00	7,069.15	7,371.76	6,984.46	32.70	28.70	86.32	1,817.98	503.06	1,729.61	1,674.83	54.78	31.576	
9,000.00	7,066.10	7,365.92	6,978.63	34.07	28.69	85.99	1,818.09	502.90	1,812.72	1,757.72	55.00	32.957	
9,100.00	7,063.05	7,360.08	6,972.80	35.46	28.68	85.65	1,818.21	502.73	1,897.44	1,842.25	55.19	34.378	
9,200.00	7,060.00	7,354.25	6,966.96	36.87	28.67	85.31	1,818.33	502.57	1,983.57	1,928.21	55.36	35.833	
9,300.00	7,056.95	7,348.41	6,961.13	38.31	28.66	84.98	1,818.45	502.41	2,070.93	2,015.44	55.49	37.318	
9,400.00	7,053.90	7,342.57	6,955.30	39.76	28.65	84.64	1,818.57	502.25	2,159.37	2,103.76	55.61	38.829	
9,500.00	7,050.85	7,336.74	6,949.46	41.23	28.64	84.30	1,818.69	502.08	2,248.76	2,193.05	55.71	40.363	
9,600.00	7,047.80	7,330.90	6,943.63	42.72	28.63	83.97	1,818.81	501.92	2,339.00	2,283.20	55.80	41.916	
9,700.00	7,044.75	7,325.07	6,937.80	44.22	28.62	83.63	1,818.93	501.76	2,429.99	2,374.11	55.88	43.487	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.80	4.40	-1,239.48	1,239.49				
100.00	100.00	101.00	101.00	3.28	3.28	-89.80	4.40	-1,239.48	1,239.49	1,231.96	7.53	164.629	
200.00	200.00	201.00	201.00	3.31	3.31	-89.80	4.40	-1,239.48	1,239.49	1,231.91	7.57	163.645	
200.11	200.11	201.11	201.11	3.31	3.31	-89.80	4.40	-1,239.48	1,239.49	1,231.91	7.57	163.644	
300.00	300.00	301.65	301.65	3.35	3.35	-143.30	4.40	-1,239.48	1,239.84	1,232.17	7.66	161.768	
400.00	399.93	467.54	467.45	3.42	3.47	-143.37	6.34	-1,234.98	1,239.93	1,232.09	7.84	158.192	
500.00	499.68	633.31	632.56	3.51	3.65	-143.46	12.05	-1,221.68	1,237.51	1,229.44	8.07	153.332	
600.00	599.13	798.63	796.12	3.62	3.91	-143.55	21.49	-1,199.71	1,232.59	1,224.22	8.37	147.332	
700.00	698.15	945.24	939.82	3.76	4.22	-143.66	32.91	-1,173.12	1,225.40	1,216.68	8.71	140.635	
800.00	796.63	1,045.05	1,037.33	3.94	4.48	-143.82	41.34	-1,153.50	1,219.64	1,210.57	9.07	134.493	
900.00	894.53	1,144.93	1,134.89	4.15	4.76	-144.01	49.77	-1,133.87	1,216.38	1,206.91	9.47	128.458	
1,000.00	992.33	1,244.81	1,232.46	4.40	5.07	-144.20	58.20	-1,114.25	1,213.50	1,203.59	9.91	122.459	
1,100.00	1,090.13	1,344.68	1,330.03	4.68	5.39	-144.39	66.63	-1,094.62	1,210.63	1,200.25	10.38	116.613	
1,200.00	1,187.94	1,444.56	1,427.60	4.97	5.72	-144.58	75.06	-1,074.99	1,207.78	1,196.90	10.88	111.046	
1,300.00	1,285.74	1,544.44	1,525.17	5.28	6.07	-144.77	83.49	-1,055.36	1,204.94	1,193.54	11.40	105.709	
1,400.00	1,383.54	1,644.32	1,622.73	5.60	6.43	-144.96	91.93	-1,035.73	1,202.12	1,190.18	11.94	100.691	
1,500.00	1,481.35	1,744.20	1,720.30	5.94	6.80	-145.15	100.36	-1,016.11	1,199.30	1,186.81	12.49	95.984	
1,600.00	1,579.15	1,844.08	1,817.87	6.29	7.10	-145.34	108.79	-996.48	1,196.51	1,183.68	12.83	93.252	
1,700.00	1,676.96	1,943.96	1,915.44	6.64	7.23	-145.53	117.22	-976.85	1,193.72	1,180.51	13.21	90.339	
1,800.00	1,774.76	2,043.84	2,013.01	7.01	7.29	-145.73	125.65	-957.22	1,190.95	1,177.41	13.54	87.967	
1,900.00	1,872.56	2,143.72	2,110.58	7.21	7.37	-145.92	134.09	-937.59	1,188.19	1,174.66	13.53	87.818	
2,000.00	1,970.37	2,243.60	2,208.14	7.26	7.46	-146.12	142.52	-917.96	1,185.45	1,171.83	13.62	87.062	
2,100.00	2,068.17	2,343.48	2,305.71	7.32	7.57	-146.32	150.95	-898.34	1,182.72	1,168.98	13.73	86.111	
2,200.00	2,165.98	2,443.36	2,403.28	7.41	7.69	-146.51	159.38	-878.71	1,180.00	1,166.12	13.89	84.983	
2,300.00	2,263.78	2,543.24	2,500.85	7.51	7.84	-146.71	167.81	-859.08	1,177.30	1,163.24	14.07	83.698	
2,400.00	2,361.58	2,643.12	2,598.42	7.62	7.99	-146.91	176.24	-839.45	1,174.61	1,160.34	14.28	82.277	
2,500.00	2,459.39	2,743.00	2,695.99	7.75	8.16	-147.11	184.68	-819.82	1,171.94	1,157.43	14.51	80.742	
2,600.00	2,557.19	2,842.88	2,793.56	7.90	8.34	-147.32	193.11	-800.20	1,169.28	1,154.50	14.78	79.115	
2,700.00	2,654.99	2,942.76	2,891.12	8.05	8.53	-147.52	201.54	-780.57	1,166.64	1,151.57	15.07	77.417	
2,800.00	2,752.80	3,042.64	2,988.69	8.22	8.74	-147.72	209.97	-760.94	1,164.01	1,148.63	15.38	75.667	
2,900.00	2,850.60	3,142.52	3,086.26	8.41	8.95	-147.93	218.40	-741.31	1,161.39	1,145.68	15.72	73.884	
3,000.00	2,948.41	3,242.40	3,183.83	8.60	9.18	-148.13	226.83	-721.68	1,158.80	1,142.72	16.08	72.084	
3,100.00	3,046.21	3,342.28	3,281.40	8.80	9.41	-148.34	235.27	-702.06	1,156.21	1,139.76	16.45	70.281	
3,200.00	3,144.01	3,442.16	3,378.97	9.02	9.65	-148.54	243.70	-682.43	1,153.64	1,136.80	16.84	68.486	
3,300.00	3,241.82	3,542.04	3,476.53	9.24	9.90	-148.75	252.13	-662.80	1,151.09	1,133.83	17.26	66.710	
3,400.00	3,339.62	3,641.92	3,574.10	9.47	10.16	-148.96	260.56	-643.17	1,148.55	1,130.87	17.68	64.960	
3,500.00	3,437.43	3,741.80	3,671.67	9.71	10.42	-149.17	268.99	-623.54	1,146.02	1,127.90	18.12	63.244	
3,600.00	3,535.23	3,841.68	3,769.24	9.96	10.69	-149.38	277.42	-603.91	1,143.51	1,124.94	18.57	61.566	
3,700.00	3,633.03	3,941.56	3,866.81	10.21	10.97	-149.59	285.86	-584.29	1,141.02	1,121.98	19.04	59.930	
3,800.00	3,730.84	4,041.44	3,964.38	10.47	11.25	-149.81	294.29	-564.66	1,138.54	1,119.03	19.52	58.339	
3,900.00	3,828.64	4,141.32	4,061.95	10.74	11.53	-150.02	302.72	-545.03	1,136.08	1,116.08	20.00	56.796	
4,000.00	3,926.44	4,241.20	4,159.51	11.01	11.82	-150.23	311.15	-525.40	1,133.64	1,113.14	20.50	55.300	
4,100.00	4,024.25	4,341.08	4,257.08	11.28	12.12	-150.45	319.58	-505.77	1,131.21	1,110.20	21.01	53.853	
4,200.00	4,122.05	4,440.96	4,354.65	11.56	12.42	-150.67	328.02	-486.15	1,128.79	1,107.27	21.52	52.455	
4,300.00	4,219.86	4,540.84	4,452.22	11.85	12.72	-150.88	336.45	-466.52	1,126.40	1,104.35	22.04	51.104	
4,400.00	4,317.66	4,640.72	4,549.79	12.14	13.02	-151.10	344.88	-446.89	1,124.01	1,101.44	22.57	49.801	
4,500.00	4,415.46	4,740.60	4,647.36	12.43	13.33	-151.32	353.31	-427.26	1,121.65	1,098.54	23.11	48.545	
4,600.00	4,513.27	4,840.48	4,744.92	12.72	13.64	-151.54	361.74	-407.63	1,119.30	1,095.65	23.65	47.334	
4,700.00	4,611.07	4,940.35	4,842.49	13.02	13.96	-151.76	370.17	-388.00	1,116.97	1,092.78	24.19	46.166	
4,800.00	4,708.88	5,040.23	4,940.06	13.32	14.27	-151.98	378.61	-368.38	1,114.65	1,089.91	24.75	45.042	
4,900.00	4,806.68	5,140.11	5,037.63	13.63	14.59	-152.21	387.04	-348.75	1,112.36	1,087.05	25.30	43.959	
5,000.00	4,904.48	5,239.99	5,135.20	13.94	14.91	-152.43	395.47	-329.12	1,110.08	1,084.21	25.87	42.915	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,002.29	5,339.87	5,232.77	14.25	15.24	-152.65	403.90	-309.49	1,107.81	1,081.38	26.43	41.909	
5,200.00	5,100.09	5,439.75	5,330.33	14.56	15.56	-152.88	412.33	-289.86	1,105.56	1,078.56	27.00	40.941	
5,300.00	5,197.90	5,539.63	5,427.90	14.87	15.89	-153.11	420.76	-270.24	1,103.33	1,075.76	27.58	40.007	
5,400.00	5,295.70	5,639.51	5,525.47	15.19	16.22	-153.33	429.20	-250.61	1,101.12	1,072.96	28.16	39.107	
5,500.00	5,393.50	5,739.39	5,623.04	15.51	16.55	-153.56	437.63	-230.98	1,098.93	1,070.19	28.74	38.240	
5,600.00	5,491.31	5,839.27	5,720.61	15.83	16.88	-153.79	446.06	-211.35	1,096.75	1,067.43	29.32	37.403	
5,700.00	5,589.11	5,939.15	5,818.18	16.15	17.21	-154.02	454.49	-191.72	1,094.59	1,064.68	29.91	36.597	
5,800.00	5,686.91	6,039.03	5,915.75	16.47	17.55	-154.25	462.92	-172.09	1,092.45	1,061.95	30.50	35.818	
5,900.00	5,784.72	6,138.91	6,013.31	16.80	17.88	-154.48	471.36	-152.47	1,090.32	1,059.23	31.09	35.067	
6,000.00	5,882.52	6,238.79	6,110.88	17.12	18.22	-154.72	479.79	-132.84	1,088.21	1,056.53	31.69	34.342	
6,100.00	5,980.33	6,338.67	6,208.45	17.45	18.56	-154.95	488.22	-113.21	1,086.13	1,053.84	32.28	33.642	
6,200.00	6,078.13	6,438.55	6,306.02	17.78	18.90	-155.18	496.65	-93.58	1,084.06	1,051.17	32.88	32.965	
6,300.00	6,175.93	6,538.43	6,403.59	18.11	19.24	-155.42	505.08	-73.95	1,082.00	1,048.52	33.49	32.312	
6,400.00	6,273.74	6,157.66	7,291.21	18.44	32.07	158.84	588.79	983.52	1,025.60	994.48	31.12	32.951	
6,499.99	6,371.53	8,174.29	7,291.17	18.77	32.29	156.20	588.92	1,000.15	930.61	898.83	31.79	29.278	
6,600.00	6,470.24	8,183.13	7,291.15	19.03	32.40	176.24	588.99	1,008.98	835.63	803.10	32.53	25.691	
6,700.00	6,569.10	8,176.29	7,291.17	19.19	32.32	-152.94	588.94	1,002.14	741.77	708.43	33.34	22.251	
6,800.00	6,665.69	8,153.94	7,291.22	19.30	32.03	-147.70	588.76	979.80	651.84	617.57	34.27	19.020	
6,900.00	6,757.63	8,116.64	7,291.30	19.34	31.54	-146.68	588.47	942.50	568.62	533.23	35.39	16.067	
7,000.00	6,842.65	8,065.31	7,291.42	19.33	30.89	-145.14	588.07	891.17	494.81	458.07	36.74	13.468	
7,100.00	6,918.67	8,001.20	7,291.56	19.30	30.09	-142.51	587.58	827.06	432.71	394.43	38.28	11.303	
7,200.00	6,983.80	7,925.90	7,291.73	19.25	29.17	-138.89	586.99	751.77	383.91	344.02	39.88	9.625	
7,300.00	7,036.46	7,841.26	7,291.92	19.23	28.17	-134.68	586.33	667.13	348.79	307.51	41.28	8.450	
7,400.00	7,075.33	7,726.75	7,287.79	19.26	26.85	-128.83	585.07	552.78	324.53	282.36	42.17	7.696	
7,500.00	7,099.46	7,604.62	7,262.30	19.40	25.50	-121.26	581.96	433.58	302.63	259.65	42.99	7.040	
7,600.00	7,108.27	7,494.77	7,220.38	19.68	24.38	-113.17	577.60	332.28	284.66	241.01	43.65	6.522	
7,700.00	7,105.75	7,397.06	7,169.00	20.11	23.47	-103.44	572.58	249.43	272.26	228.23	44.03	6.184	
7,772.32	7,103.55	7,336.92	7,131.32	20.54	22.96	-95.72	569.01	202.74	268.75	224.65	44.11	6.093 CC, ES, SF	
7,800.00	7,102.70	7,316.13	7,117.29	20.71	22.79	-92.82	567.70	187.45	269.36	225.32	44.04	6.116	
7,900.00	7,099.65	7,250.18	7,069.61	21.43	22.29	-83.11	563.29	142.13	282.90	239.44	43.46	6.509	
8,000.00	7,096.60	7,196.46	7,027.49	22.26	21.92	-75.03	559.46	109.04	315.39	272.88	42.51	7.419	
8,100.00	7,093.55	7,150.00	6,988.93	23.18	21.63	-68.27	555.98	83.38	364.68	323.14	41.53	8.780	
8,200.00	7,090.50	7,116.08	6,959.64	24.18	21.43	-63.61	553.36	66.47	426.69	385.87	40.81	10.455	
8,300.00	7,087.45	7,085.68	6,932.67	25.24	21.26	-59.68	550.97	52.66	497.79	457.52	40.26	12.363	
8,400.00	7,084.40	7,060.01	6,909.41	26.37	21.13	-56.56	548.91	42.01	575.28	535.41	39.87	14.429	
8,500.00	7,081.35	7,038.11	6,889.23	27.55	21.03	-54.06	547.13	33.69	657.33	617.74	39.58	16.606	
8,600.00	7,078.30	7,019.25	6,871.64	28.78	20.94	-52.02	545.59	27.08	742.71	703.34	39.37	18.866	
8,700.00	7,075.25	7,000.00	6,853.49	30.05	20.85	-50.05	544.00	20.87	830.59	791.39	39.20	21.188	
8,800.00	7,072.20	7,000.00	6,853.49	31.36	20.85	-50.05	544.00	20.87	920.53	881.48	39.05	23.575	
8,900.00	7,069.15	6,975.87	6,830.48	32.70	20.76	-47.72	541.99	13.87	1,011.63	972.67	38.96	25.965	
9,000.00	7,066.10	6,964.63	6,819.68	34.07	20.71	-46.70	541.05	10.91	1,104.10	1,065.22	38.87	28.401	
9,100.00	7,063.05	6,950.00	6,805.54	35.46	20.65	-45.41	539.82	7.35	1,197.54	1,158.73	38.81	30.853	
9,200.00	7,060.00	6,950.00	6,805.54	36.87	20.65	-45.41	539.82	7.35	1,291.75	1,253.02	38.73	33.354	
9,300.00	7,056.95	6,937.43	6,793.33	38.31	20.61	-44.35	538.76	4.55	1,386.58	1,347.89	38.69	35.835	
9,400.00	7,053.90	6,926.57	6,782.75	39.76	20.57	-43.47	537.85	2.32	1,482.01	1,443.34	38.66	38.330	
9,500.00	7,050.85	6,915.35	6,771.78	41.23	20.53	-42.59	536.90	0.12	1,577.84	1,539.19	38.65	40.827	
9,600.00	7,047.80	6,892.75	6,749.71	42.72	20.45	-40.92	534.99	-4.32	1,673.90	1,635.22	38.68	43.278	
9,700.00	7,044.75	6,870.15	6,727.63	44.22	20.38	-39.38	533.09	-8.77	1,770.10	1,731.38	38.72	45.719	
9,800.00	7,041.70	6,847.55	6,705.55	45.73	20.30	-37.94	531.18	-13.21	1,866.43	1,827.66	38.76	48.150	
9,900.00	7,038.65	6,824.95	6,683.47	47.25	20.22	-36.61	529.27	-17.65	1,962.86	1,924.05	38.82	50.569	
10,000.00	7,035.60	6,802.35	6,661.40	48.78	20.14	-35.38	527.36	-22.09	2,059.39	2,020.52	38.87	52.976	
10,100.00	7,032.55	6,779.74	6,639.32	50.32	20.06	-34.23	525.45	-26.53	2,156.00	2,117.06	38.94	55.371	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,029.50	6,757.14	6,617.24	51.86	19.99	-33.15	523.55	-30.97	2,252.67	2,213.67	39.01	57.752	
10,300.00	7,026.45	6,734.54	6,595.16	53.42	19.91	-32.15	521.64	-35.41	2,349.41	2,310.33	39.08	60.120	
10,400.00	7,023.40	6,711.94	6,573.09	54.98	19.83	-31.21	519.73	-39.86	2,446.20	2,407.04	39.16	62.474	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	-89.79	4.76	-1,279.57	1,279.58				
100.00	100.00	101.00	101.00	3.28	3.28	-89.79	4.76	-1,279.57	1,279.58	1,272.05	7.53	169.954	
200.00	200.00	201.00	201.00	3.31	3.31	-89.79	4.76	-1,279.57	1,279.58	1,272.00	7.57	168.938	
300.00	300.00	345.36	345.32	3.35	3.38	-143.24	6.42	-1,277.39	1,278.52	1,270.84	7.69	166.329	
400.00	399.93	499.85	499.41	3.42	3.51	-143.12	13.04	-1,268.71	1,275.72	1,267.85	7.86	162.258	
500.00	499.68	653.83	652.18	3.51	3.70	-142.93	24.64	-1,253.50	1,271.45	1,263.35	8.10	156.889	
600.00	599.13	807.10	803.00	3.62	3.97	-142.68	41.11	-1,231.90	1,265.75	1,257.33	8.42	150.367	
700.00	698.15	959.46	951.27	3.76	4.35	-142.36	62.31	-1,204.10	1,258.66	1,249.84	8.82	142.714	
800.00	796.63	1,073.29	1,060.99	3.94	4.70	-142.13	80.72	-1,179.96	1,251.30	1,242.05	9.24	135.350	
900.00	894.53	1,173.07	1,157.07	4.15	5.04	-141.96	97.01	-1,158.60	1,246.23	1,236.53	9.70	128.412	
1,000.00	992.33	1,272.87	1,253.19	4.40	5.41	-141.77	113.30	-1,137.23	1,241.54	1,231.33	10.21	121.574	
1,100.00	1,090.13	1,372.67	1,349.31	4.68	5.80	-141.57	129.60	-1,115.86	1,236.87	1,226.12	10.76	114.996	
1,200.00	1,187.94	1,472.48	1,445.42	4.97	6.21	-141.38	145.89	-1,094.49	1,232.21	1,220.88	11.33	108.755	
1,300.00	1,285.74	1,572.28	1,541.54	5.28	6.63	-141.18	162.19	-1,073.12	1,227.57	1,215.64	11.93	102.870	
1,400.00	1,383.54	1,672.08	1,637.66	5.60	7.06	-140.98	178.48	-1,051.75	1,222.94	1,210.38	12.56	97.376	
1,500.00	1,481.35	1,771.88	1,733.78	5.94	7.50	-140.78	194.77	-1,030.39	1,218.32	1,205.12	13.20	92.266	
1,600.00	1,579.15	1,871.69	1,829.89	6.29	7.80	-140.58	211.07	-1,009.02	1,213.72	1,200.15	13.57	89.419	
1,700.00	1,676.96	1,971.49	1,926.01	6.64	7.92	-140.38	227.36	-987.65	1,209.14	1,195.17	13.97	86.573	
1,800.00	1,774.76	2,071.29	2,022.13	7.01	8.00	-140.18	243.66	-966.28	1,204.57	1,190.23	14.34	84.016	
1,900.00	1,872.56	2,171.10	2,118.25	7.21	8.10	-139.97	259.95	-944.91	1,200.01	1,185.64	14.38	83.477	
2,000.00	1,970.37	2,270.90	2,214.36	7.26	8.22	-139.76	276.25	-923.54	1,195.47	1,180.97	14.51	82.394	
2,100.00	2,068.17	2,370.70	2,310.48	7.32	8.36	-139.56	292.54	-902.17	1,190.95	1,176.27	14.68	81.136	
2,200.00	2,165.98	2,470.51	2,406.60	7.41	8.52	-139.35	308.84	-880.80	1,186.44	1,171.56	14.88	79.725	
2,300.00	2,263.78	2,570.31	2,502.71	7.51	8.69	-139.13	325.13	-859.44	1,181.95	1,166.83	15.12	78.182	
2,400.00	2,361.58	2,670.11	2,598.83	7.62	8.88	-138.92	341.43	-838.07	1,177.48	1,162.09	15.39	76.530	
2,500.00	2,459.39	2,769.92	2,694.95	7.75	9.08	-138.71	357.72	-816.70	1,173.02	1,157.34	15.68	74.794	
2,600.00	2,557.19	2,869.72	2,791.07	7.90	9.30	-138.49	374.01	-795.33	1,168.58	1,152.57	16.01	72.994	
2,700.00	2,654.99	2,969.52	2,887.18	8.05	9.53	-138.27	390.31	-773.96	1,164.15	1,147.79	16.36	71.151	
2,800.00	2,752.80	3,069.33	2,983.30	8.22	9.77	-138.05	406.60	-752.59	1,159.74	1,143.00	16.74	69.283	
2,900.00	2,850.60	3,169.13	3,079.42	8.41	10.03	-137.83	422.90	-731.22	1,155.35	1,138.21	17.14	67.406	
3,000.00	2,948.41	3,268.93	3,175.54	8.60	10.29	-137.61	439.19	-709.85	1,150.98	1,133.42	17.56	65.535	
3,100.00	3,046.21	3,368.74	3,271.65	8.80	10.56	-137.38	455.49	-688.48	1,146.62	1,128.62	18.01	63.680	
3,200.00	3,144.01	3,468.54	3,367.77	9.02	10.84	-137.15	471.78	-667.12	1,142.29	1,123.82	18.47	61.852	
3,300.00	3,241.82	3,568.34	3,463.89	9.24	11.13	-136.93	488.08	-645.75	1,137.97	1,119.02	18.95	60.058	
3,400.00	3,339.62	3,668.15	3,560.01	9.47	11.43	-136.70	504.37	-624.38	1,133.66	1,114.22	19.44	58.304	
3,500.00	3,437.43	3,767.95	3,656.12	9.71	11.73	-136.46	520.67	-603.01	1,129.38	1,109.42	19.96	56.595	
3,600.00	3,535.23	3,867.75	3,752.24	9.96	12.04	-136.23	536.96	-581.64	1,125.12	1,104.63	20.48	54.935	
3,700.00	3,633.03	3,967.55	3,848.36	10.21	12.36	-135.99	553.26	-560.27	1,120.87	1,099.85	21.02	53.325	
3,800.00	3,730.84	4,067.36	3,944.47	10.47	12.68	-135.76	569.55	-538.90	1,116.64	1,095.07	21.57	51.768	
3,900.00	3,828.64	4,167.16	4,040.59	10.74	13.00	-135.52	585.84	-517.53	1,112.44	1,090.30	22.13	50.262	
4,000.00	3,926.44	4,266.96	4,136.71	11.01	13.33	-135.28	602.14	-496.17	1,108.25	1,085.54	22.71	48.810	
4,100.00	4,024.25	4,366.77	4,232.83	11.28	13.67	-135.03	618.43	-474.80	1,104.08	1,080.79	23.29	47.410	
4,200.00	4,122.05	4,466.57	4,328.94	11.56	14.01	-134.79	634.73	-453.43	1,099.93	1,076.05	23.88	46.061	
4,300.00	4,219.86	4,566.37	4,425.06	11.85	14.35	-134.54	651.02	-432.06	1,095.80	1,071.32	24.48	44.762	
4,400.00	4,317.66	4,666.18	4,521.18	12.14	14.70	-134.30	667.32	-410.69	1,091.69	1,066.61	25.09	43.513	
4,500.00	4,415.46	4,765.98	4,617.30	12.43	15.05	-134.05	683.61	-389.32	1,087.61	1,061.90	25.71	42.311	
4,600.00	4,513.27	4,865.78	4,713.41	12.72	15.40	-133.79	699.91	-367.95	1,083.54	1,057.21	26.33	41.155	
4,700.00	4,611.07	4,965.59	4,809.53	13.02	15.76	-133.54	716.20	-346.58	1,079.50	1,052.54	26.96	40.043	
4,800.00	4,708.88	5,065.39	4,905.65	13.32	16.11	-133.28	732.50	-325.22	1,075.47	1,047.88	27.59	38.974	
4,900.00	4,806.68	5,165.19	5,001.77	13.63	16.48	-133.03	748.79	-303.85	1,071.47	1,043.23	28.24	37.946	
5,000.00	4,904.48	5,265.00	5,097.88	13.94	16.84	-132.77	765.08	-282.48	1,067.49	1,038.61	28.88	36.958	
5,100.00	5,002.29	5,364.80	5,194.00	14.25	17.20	-132.51	781.38	-261.11	1,063.53	1,033.99	29.54	36.006	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	5,100.09	5,464.60	5,290.12	14.56	17.57	-132.24	797.67	-239.74	1,059.60	1,029.40	30.20	35.091		
5,300.00	5,197.90	5,564.41	5,386.23	14.87	17.94	-131.98	813.97	-218.37	1,055.68	1,024.82	30.86	34.211		
5,400.00	5,295.70	5,664.21	5,482.35	15.19	18.31	-131.71	830.26	-197.00	1,051.79	1,020.27	31.53	33.363		
5,500.00	5,393.50	5,764.01	5,578.47	15.51	18.68	-131.44	846.56	-175.63	1,047.92	1,015.73	32.20	32.547		
5,600.00	5,491.31	5,863.82	5,674.59	15.83	19.06	-131.17	862.85	-154.27	1,044.08	1,011.21	32.87	31.761		
5,700.00	5,589.11	5,963.62	5,770.70	16.15	19.43	-130.90	879.15	-132.90	1,040.26	1,006.71	33.55	31.004		
5,800.00	5,686.91	6,063.42	5,866.82	16.47	19.81	-130.62	895.44	-111.53	1,036.46	1,002.23	34.24	30.274		
5,900.00	5,784.72	6,163.22	5,962.94	16.80	20.19	-130.34	911.74	-90.16	1,032.69	997.77	34.92	29.571		
6,000.00	5,882.52	6,263.03	6,059.06	17.12	20.57	-130.06	928.03	-68.79	1,028.94	993.33	35.61	28.892		
6,100.00	5,980.33	6,362.83	6,155.17	17.45	20.95	-129.78	944.32	-47.42	1,025.22	988.91	36.31	28.237		
6,200.00	6,078.13	6,462.63	6,251.29	17.78	21.33	-129.50	960.62	-26.05	1,021.52	984.52	37.00	27.605		
6,300.00	6,175.93	8,008.96	7,108.34	18.11	33.45	-83.37	1,109.76	963.85	1,012.43	980.48	31.95	31.692		
6,400.00	6,273.74	8,007.63	7,108.30	18.44	33.43	-80.78	1,109.83	980.43	917.98	885.33	32.65	28.118		
6,499.99	6,371.53	8,024.20	7,108.26	18.77	33.64	-78.06	1,109.90	997.01	824.52	790.90	33.62	24.525		
6,600.00	6,470.24	8,032.99	7,108.24	19.03	33.75	-6.63	1,109.94	1,005.79	731.53	696.78	34.75	21.050		
6,700.00	6,569.10	8,026.10	7,108.26	19.19	33.66	65.35	1,109.91	998.90	640.31	604.27	36.04	17.768		
6,800.00	6,665.69	8,003.70	7,108.31	19.30	33.38	93.98	1,109.81	976.51	553.93	516.39	37.54	14.755		
6,900.00	6,757.63	7,966.35	7,108.40	19.34	32.92	105.66	1,109.65	939.16	475.56	436.24	39.32	12.094		
7,000.00	6,842.65	7,914.97	7,108.52	19.33	32.29	109.73	1,109.42	887.78	408.34	367.00	41.34	9.877		
7,100.00	6,918.67	7,850.82	7,108.66	19.30	31.53	109.27	1,109.14	823.63	354.88	311.45	43.43	8.171		
7,200.00	6,983.80	7,775.48	7,108.84	19.25	30.65	105.84	1,108.81	748.29	316.54	271.32	45.21	7.001		
7,300.00	7,036.46	7,687.57	7,108.81	19.23	29.66	100.42	1,108.38	660.39	292.38	246.02	46.36	6.307		
7,400.00	7,075.33	7,585.37	7,098.21	19.26	28.53	92.51	1,106.10	558.86	276.89	229.90	47.00	5.892		
7,500.00	7,099.46	7,491.44	7,074.47	19.40	27.53	83.98	1,101.67	468.18	268.90	222.11	46.79	5.747 SF		
7,550.63	7,105.86	7,446.41	7,058.47	19.53	27.07	79.55	1,098.77	426.20	267.89	221.47	46.42	5.771 CC, ES		
7,600.00	7,108.27	7,403.88	7,040.71	19.68	26.65	75.24	1,095.59	387.70	268.81	222.87	45.94	5.851		
7,700.00	7,105.75	7,323.18	7,000.22	20.11	25.90	66.88	1,088.44	318.32	276.95	232.09	44.86	6.173		
7,800.00	7,102.70	7,253.52	6,958.55	20.71	25.29	58.90	1,081.15	263.02	297.32	253.55	43.77	6.793		
7,900.00	7,099.65	7,194.27	6,918.59	21.43	24.82	51.92	1,074.21	219.86	331.74	288.81	42.93	7.727		
8,000.00	7,096.60	7,144.07	6,881.76	22.26	24.45	46.17	1,067.85	186.37	379.28	336.82	42.46	8.932		
8,100.00	7,093.55	7,100.00	6,847.36	23.18	24.14	41.40	1,061.92	159.48	437.64	395.38	42.26	10.355		
8,200.00	7,090.50	7,065.26	6,819.00	24.18	23.92	37.88	1,057.05	140.02	504.39	462.12	42.27	11.933		
8,300.00	7,087.45	7,034.21	6,792.80	25.24	23.73	34.93	1,052.56	123.98	577.50	535.18	42.32	13.645		
8,400.00	7,084.40	7,000.00	6,763.08	26.37	23.53	31.92	1,047.48	107.83	655.51	613.16	42.36	15.476		
8,500.00	7,081.35	6,984.18	6,749.05	27.55	23.45	30.62	1,045.08	100.92	737.05	694.59	42.46	17.357		
8,600.00	7,078.30	6,963.86	6,730.79	28.78	23.34	29.01	1,041.97	92.56	821.54	779.02	42.52	19.321		
8,700.00	7,075.25	6,950.00	6,718.20	30.05	23.26	27.96	1,039.82	87.20	908.32	865.75	42.57	21.338		
8,800.00	7,072.20	6,930.14	6,699.94	31.36	23.17	26.53	1,036.71	80.00	996.86	954.26	42.60	23.402		
8,900.00	7,069.15	6,916.03	6,686.85	32.70	23.10	25.55	1,034.48	75.25	1,086.89	1,044.27	42.62	25.502		
9,000.00	7,066.10	6,900.00	6,671.85	34.07	23.03	24.49	1,031.93	70.20	1,178.14	1,135.50	42.64	27.633		
9,100.00	7,063.05	6,900.00	6,671.85	35.46	23.03	24.49	1,031.93	70.20	1,270.44	1,227.80	42.64	29.796		
9,200.00	7,060.00	6,881.76	6,654.64	36.87	22.95	23.34	1,029.01	64.92	1,363.44	1,320.79	42.65	31.966		
9,300.00	7,056.95	6,872.43	6,645.78	38.31	22.91	22.78	1,027.50	62.42	1,457.23	1,414.58	42.66	34.160		
9,400.00	7,053.90	6,850.00	6,624.34	39.76	22.82	21.48	1,023.86	56.94	1,551.85	1,509.17	42.68	36.358		
9,500.00	7,050.85	6,850.00	6,624.34	41.23	22.82	21.48	1,023.86	56.94	1,646.60	1,603.93	42.67	38.585		
9,600.00	7,047.80	6,850.00	6,624.34	42.72	22.82	21.48	1,023.86	56.94	1,741.94	1,699.28	42.67	40.827		
9,700.00	7,044.75	6,845.05	6,619.59	44.22	22.80	21.20	1,023.06	55.83	1,837.71	1,795.05	42.67	43.071		
9,800.00	7,041.70	6,820.76	6,596.19	45.73	22.71	19.90	1,019.09	50.62	1,933.76	1,891.05	42.71	45.279		
9,900.00	7,038.65	6,796.46	6,572.79	47.25	22.61	18.70	1,015.12	45.42	2,029.89	1,987.14	42.75	47.481		
10,000.00	7,035.60	6,772.16	6,549.39	48.78	22.52	17.59	1,011.16	40.22	2,126.10	2,083.31	42.80	49.677		
10,100.00	7,032.55	6,747.87	6,525.99	50.32	22.43	16.55	1,007.19	35.02	2,222.39	2,179.54	42.85	51.866		
10,200.00	7,029.50	6,723.57	6,502.59	51.86	22.33	15.59	1,003.22	29.82	2,318.73	2,275.83	42.90	54.048		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,300.00	7,026.45	6,700.73	6,479.19	53.42	22.25	14.69	999.25	24.61	2,415.12	2,372.16	42.96	56.215		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	1.00	3.28	3.28	-89.78	4.77	-1,259.52	1,259.53				
100.00	100.00	101.00	101.00	3.28	3.28	-89.78	4.77	-1,259.52	1,259.53	1,252.00	7.53	167.292	
200.00	200.00	201.00	201.00	3.31	3.31	-89.78	4.77	-1,259.52	1,259.53	1,251.96	7.57	166.292	
300.00	300.00	324.20	324.20	3.35	3.36	-143.28	5.18	-1,258.93	1,259.51	1,251.83	7.68	164.091	
400.00	399.93	480.73	480.51	3.42	3.49	-143.25	9.58	-1,252.52	1,258.22	1,250.37	7.85	160.330	
500.00	499.68	636.96	635.87	3.51	3.67	-143.15	18.79	-1,239.11	1,255.24	1,247.16	8.08	155.314	
600.00	599.13	792.68	789.62	3.62	3.92	-143.01	32.74	-1,218.83	1,250.59	1,242.21	8.38	149.181	
700.00	698.15	947.67	941.09	3.76	4.27	-142.81	51.29	-1,191.83	1,244.30	1,235.54	8.76	141.985	
800.00	796.63	1,059.74	1,049.66	3.94	4.59	-142.69	67.01	-1,168.95	1,237.72	1,228.56	9.16	135.067	
900.00	894.53	1,159.62	1,146.38	4.15	4.90	-142.62	81.13	-1,148.41	1,233.48	1,223.88	9.60	128.491	
1,000.00	992.33	1,259.53	1,243.13	4.40	5.25	-142.53	95.25	-1,127.86	1,229.60	1,219.52	10.08	121.976	
1,100.00	1,090.13	1,359.44	1,339.88	4.68	5.61	-142.44	109.37	-1,107.32	1,225.73	1,215.13	10.60	115.636	
1,200.00	1,187.94	1,459.34	1,436.62	4.97	5.98	-142.36	123.49	-1,086.77	1,221.87	1,210.73	11.14	109.683	
1,300.00	1,285.74	1,559.25	1,533.37	5.28	6.38	-142.27	137.61	-1,066.22	1,218.00	1,206.29	11.71	103.982	
1,400.00	1,383.54	1,659.16	1,630.12	5.60	6.78	-142.18	151.73	-1,045.68	1,214.14	1,201.84	12.31	98.650	
1,500.00	1,481.35	1,759.07	1,726.87	5.94	7.19	-142.09	165.85	-1,025.13	1,210.29	1,197.37	12.92	93.674	
1,600.00	1,579.15	1,858.97	1,823.61	6.29	7.50	-142.00	179.97	-1,004.58	1,206.43	1,193.15	13.28	90.823	
1,700.00	1,676.96	1,958.88	1,920.36	6.64	7.63	-141.91	194.08	-984.04	1,202.58	1,188.90	13.68	87.917	
1,800.00	1,774.76	2,058.79	2,017.11	7.01	7.70	-141.82	208.20	-963.49	1,198.73	1,184.70	14.03	85.425	
1,900.00	1,872.56	2,158.70	2,113.85	7.21	7.79	-141.73	222.32	-942.94	1,194.89	1,180.83	14.05	85.025	
2,000.00	1,970.37	2,258.60	2,210.60	7.26	7.90	-141.63	236.44	-922.40	1,191.04	1,176.87	14.17	84.057	
2,100.00	2,068.17	2,358.51	2,307.35	7.32	8.03	-141.54	250.56	-901.85	1,187.20	1,172.88	14.32	82.906	
2,200.00	2,165.98	2,458.42	2,404.10	7.41	8.17	-141.45	264.68	-881.30	1,183.37	1,168.86	14.50	81.592	
2,300.00	2,263.78	2,558.33	2,500.84	7.51	8.33	-141.35	278.80	-860.76	1,179.53	1,164.82	14.72	80.136	
2,400.00	2,361.58	2,658.24	2,597.59	7.62	8.51	-141.26	292.92	-840.21	1,175.70	1,160.74	14.97	78.560	
2,500.00	2,459.39	2,758.14	2,694.34	7.75	8.70	-141.16	307.04	-819.66	1,171.88	1,156.64	15.24	76.889	
2,600.00	2,557.19	2,858.05	2,791.08	7.90	8.90	-141.07	321.16	-799.12	1,168.05	1,152.51	15.54	75.143	
2,700.00	2,654.99	2,957.96	2,887.83	8.05	9.12	-140.97	335.28	-778.57	1,164.23	1,148.36	15.87	73.344	
2,800.00	2,752.80	3,057.87	2,984.58	8.22	9.35	-140.87	349.40	-758.02	1,160.42	1,144.19	16.23	71.510	
2,900.00	2,850.60	3,157.77	3,081.33	8.41	9.59	-140.77	363.52	-737.48	1,156.60	1,140.00	16.60	69.658	
3,000.00	2,948.41	3,257.68	3,178.07	8.60	9.84	-140.68	377.64	-716.93	1,152.79	1,135.79	17.00	67.804	
3,100.00	3,046.21	3,357.59	3,274.82	8.80	10.09	-140.58	391.76	-696.38	1,148.99	1,131.57	17.42	65.959	
3,200.00	3,144.01	3,457.50	3,371.57	9.02	10.36	-140.48	405.88	-675.84	1,145.19	1,127.33	17.86	64.135	
3,300.00	3,241.82	3,557.40	3,468.31	9.24	10.63	-140.38	420.00	-655.29	1,141.39	1,123.08	18.31	62.339	
3,400.00	3,339.62	3,657.31	3,565.06	9.47	10.92	-140.27	434.12	-634.75	1,137.59	1,118.81	18.78	60.579	
3,500.00	3,437.43	3,757.22	3,661.81	9.71	11.21	-140.17	448.24	-614.20	1,133.80	1,114.53	19.26	58.860	
3,600.00	3,535.23	3,857.13	3,758.56	9.96	11.50	-140.07	462.36	-593.65	1,130.01	1,110.25	19.76	57.186	
3,700.00	3,633.03	3,957.03	3,855.30	10.21	11.80	-139.97	476.48	-573.11	1,126.22	1,105.95	20.27	55.559	
3,800.00	3,730.84	4,056.94	3,952.05	10.47	12.11	-139.86	490.60	-552.56	1,122.44	1,101.65	20.79	53.982	
3,900.00	3,828.64	4,156.85	4,048.80	10.74	12.42	-139.76	504.72	-532.01	1,118.66	1,097.34	21.33	52.456	
4,000.00	3,926.44	4,256.76	4,145.54	11.01	12.73	-139.65	518.84	-511.47	1,114.89	1,093.02	21.87	50.981	
4,100.00	4,024.25	4,356.67	4,242.29	11.28	13.05	-139.55	532.96	-490.92	1,111.12	1,088.70	22.42	49.556	
4,200.00	4,122.05	4,456.57	4,339.04	11.56	13.38	-139.44	547.08	-470.37	1,107.35	1,084.37	22.98	48.182	
4,300.00	4,219.86	4,556.48	4,435.79	11.85	13.71	-139.33	561.20	-449.83	1,103.59	1,080.04	23.55	46.858	
4,400.00	4,317.66	4,656.39	4,532.53	12.14	14.04	-139.22	575.32	-429.28	1,099.83	1,075.70	24.13	45.582	
4,500.00	4,415.46	4,756.30	4,629.28	12.43	14.37	-139.11	589.44	-408.73	1,096.08	1,071.36	24.71	44.353	
4,600.00	4,513.27	4,856.20	4,726.03	12.72	14.71	-139.00	603.56	-388.19	1,092.33	1,067.02	25.30	43.169	
4,700.00	4,611.07	4,956.11	4,822.77	13.02	15.05	-138.89	617.68	-367.64	1,088.58	1,062.68	25.90	42.030	
4,800.00	4,708.88	5,056.02	4,919.52	13.32	15.39	-138.78	631.80	-347.09	1,084.84	1,058.34	26.50	40.934	
4,900.00	4,806.68	5,155.93	5,016.27	13.63	15.74	-138.67	645.92	-326.55	1,081.10	1,053.99	27.11	39.878	
5,000.00	4,904.48	5,255.83	5,113.02	13.94	16.09	-138.56	660.04	-306.00	1,077.37	1,049.64	27.72	38.862	
5,100.00	5,002.29	5,355.74	5,209.76	14.25	16.43	-138.44	674.16	-285.45	1,073.64	1,045.29	28.34	37.883	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,200.00	5,100.09	5,455.65	5,306.51	14.56	16.79	-138.33	688.27	-264.91	1,069.91	1,040.95	28.96	36.941	
5,300.00	5,197.90	5,555.56	5,403.26	14.87	17.14	-138.21	702.39	-244.36	1,066.19	1,036.60	29.59	36.033	
5,400.00	5,295.70	5,655.46	5,500.00	15.19	17.49	-138.10	716.51	-223.81	1,062.47	1,032.25	30.22	35.159	
5,500.00	5,393.50	5,755.37	5,596.75	15.51	17.85	-137.98	730.63	-203.27	1,058.76	1,027.91	30.85	34.316	
5,600.00	5,491.31	5,855.28	5,693.50	15.83	18.21	-137.86	744.75	-182.72	1,055.05	1,023.56	31.49	33.504	
5,700.00	5,589.11	5,955.19	5,790.25	16.15	18.57	-137.74	758.87	-162.17	1,051.35	1,019.22	32.13	32.720	
5,800.00	5,686.91	6,055.10	5,886.99	16.47	18.93	-137.62	772.99	-141.63	1,047.65	1,014.87	32.78	31.964	
5,900.00	5,784.72	6,155.00	5,983.74	16.80	19.29	-137.50	787.11	-121.08	1,043.95	1,010.53	33.42	31.235	
6,000.00	5,882.52	6,254.91	6,080.49	17.12	19.66	-137.38	801.23	-100.53	1,040.26	1,006.19	34.07	30.531	
6,100.00	5,980.33	6,354.82	6,177.23	17.45	20.02	-137.26	815.35	-79.99	1,036.58	1,001.85	34.73	29.851	
6,200.00	6,078.13	6,454.73	6,273.98	17.78	20.39	-137.14	829.47	-59.44	1,032.90	997.52	35.38	29.194	
6,300.00	6,175.93	6,554.63	6,370.73	18.11	20.76	-137.01	843.59	-38.89	1,029.22	993.18	36.04	28.559	
6,400.00	6,273.74	6,654.54	6,468.54	18.44	21.12	-136.89	857.71	-18.34	1,025.94	988.89	36.70	27.924	
6,499.99	6,371.53	6,754.45	6,566.45	18.77	21.49	-136.77	871.83	2.11	1,022.66	984.60	37.36	27.289	
6,600.00	6,470.24	6,854.36	6,668.36	19.03	21.85	-136.65	885.95	22.56	1,019.38	980.31	38.02	26.654	
6,700.00	6,569.10	6,954.27	6,767.27	19.19	22.12	-136.53	899.07	33.01	1,016.10	976.02	38.68	26.019	
6,800.00	6,665.69	7,054.18	6,865.18	19.30	22.39	-136.41	912.19	43.46	1,012.82	971.73	39.34	25.384	
6,900.00	6,757.63	7,154.09	6,957.09	19.34	22.66	-136.29	925.31	53.91	1,009.54	967.44	39.99	24.749	
7,000.00	6,842.65	7,253.99	7,046.99	19.33	22.93	-136.17	938.43	64.36	1,006.26	963.15	40.65	24.114	
7,100.00	6,918.67	7,353.90	7,122.90	19.30	23.20	-136.05	951.55	74.81	1,002.98	958.86	41.31	23.479	
7,200.00	6,983.80	7,453.81	7,187.81	19.25	23.47	-135.93	964.67	85.26	1,000.00	954.57	41.97	22.844	
7,300.00	7,036.46	7,553.72	7,240.46	19.23	23.74	-135.81	977.79	95.71	997.02	950.28	42.63	22.209	
7,400.00	7,075.33	7,653.63	7,279.33	19.26	24.01	-135.69	990.91	106.16	994.14	946.00	43.29	21.574	
7,500.00	7,099.46	7,753.54	7,303.54	19.40	24.28	-135.57	1,004.03	116.61	991.26	941.71	43.95	20.939	
7,600.00	7,108.27	7,853.45	7,327.45	19.68	24.55	-135.45	1,017.15	127.06	988.38	937.42	44.61	20.304	
7,654.20	7,108.23	7,853.41	7,327.41	19.91	25.35	-135.72	1,043.05	122.96	1,074.44	1,074.44	45.37	2.368 CC, ES, SF	
7,700.00	7,105.75	7,853.37	7,324.93	20.11	25.00	-135.55	1,056.17	112.51	1,071.32	1,071.32	46.03	19.669	
7,800.00	7,102.70	7,853.33	7,321.88	20.71	24.36	-135.29	1,069.29	102.06	1,068.40	1,068.40	46.69	19.034	
7,900.00	7,099.65	7,853.29	7,318.83	21.43	23.88	-135.03	1,082.41	91.61	1,065.52	1,065.52	47.35	18.400	
8,000.00	7,096.60	7,853.25	7,315.78	22.26	23.50	-134.77	1,095.53	81.16	1,062.64	1,062.64	48.01	17.765	
8,100.00	7,093.55	7,853.21	7,312.73	23.18	23.21	-134.51	1,108.65	70.71	1,059.76	1,059.76	48.67	17.130	
8,200.00	7,090.50	7,853.17	7,309.68	24.18	22.98	-134.25	1,121.77	60.26	1,056.88	1,056.88	49.33	16.495	
8,300.00	7,087.45	7,853.13	7,306.63	25.24	22.80	-133.99	1,134.89	49.81	1,054.00	1,054.00	50.00	15.860	
8,400.00	7,084.40	7,853.09	7,303.58	26.37	22.66	-133.73	1,148.01	39.36	1,051.12	1,051.12	50.66	15.225	
8,500.00	7,081.35	7,853.05	7,300.53	27.55	22.54	-133.47	1,161.13	28.91	1,048.24	1,048.24	51.32	14.590	
8,600.00	7,078.30	7,853.01	7,297.48	28.78	22.47	-133.21	1,174.25	18.46	1,045.36	1,045.36	51.98	13.955	
8,700.00	7,075.25	7,852.97	7,294.43	30.05	22.35	-132.95	1,187.37	7.91	1,042.48	1,042.48	52.64	13.320	
8,800.00	7,072.20	7,852.93	7,291.38	31.36	22.24	-132.69	1,200.49	-2.54	1,039.60	1,039.60	53.30	12.685	
8,900.00	7,069.15	7,852.89	7,288.33	32.70	22.24	-132.43	1,213.61	-13.00	1,036.72	1,036.72	53.96	12.050	
9,000.00	7,066.10	7,852.85	7,285.28	34.07	22.17	-132.17	1,226.73	-23.45	1,033.84	1,033.84	54.62	11.415	
9,100.00	7,063.05	7,852.81	7,282.23	35.46	22.13	-131.91	1,239.85	-33.90	1,030.96	1,030.96	55.28	10.780	
9,200.00	7,060.00	7,852.77	7,279.18	36.87	22.03	-131.65	1,252.97	-44.35	1,028.08	1,028.08	55.94	10.145	
9,300.00	7,056.95	7,852.73	7,276.13	38.31	22.03	-131.39	1,266.09	-54.80	1,025.20	1,025.20	56.60	9.510	
9,400.00	7,053.90	7,852.69	7,273.08	39.76	22.03	-131.13	1,279.21	-65.25	1,022.32	1,022.32	57.26	8.875	
9,500.00	7,050.85	7,852.65	7,269.93	41.23	21.99	-130.87	1,292.33	-75.70	1,019.44	1,019.44	57.92	8.240	
9,600.00	7,047.80	7,852.61	7,266.88	42.72	21.98	-130.61	1,305.45	-86.15	1,016.56	1,016.56	58.58	7.605	
9,700.00	7,044.75	7,852.57	7,263.83	44.22	21.89	-130.35	1,318.57	-96.60	1,013.68	1,013.68	59.24	6.970	
9,800.00	7,041.70	7,852.53	7,260.78	45.73	21.80	-130.09	1,331.69	-107.05	1,010.80	1,010.80	59.90	6.335	
9,900.00	7,038.65	7,852.49	7,257.73	47.25	21.72	-129.83	1,344.81	-117.50	1,007.92	1,007.92	60.56	5.700	
10,000.00	7,035.60	7,852.45	7,254.68	48.78	21.63	-129.57	1,357.93	-127.95	1,005.04	1,005.04	61.22	5.065	
10,100.00	7,032.55	7,852.41	7,251.63	50.32	21.54	-129.31	1,371.05	-138.40	1,002.16	1,002.16	61.88	4.430	
10,200.00	7,029.50	7,852.37	7,248.58	51.86	21.46	-129.05	1,384.17	-148.85	1,000.00	1,000.00	62.54	3.795	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							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	7,026.45	6,720.90	6,531.73	53.42	21.37	3.05	867.09	-4.70	2,370.10	2,328.84	41.26	57.450	
10,400.00	7,023.40	6,702.58	6,509.00	54.98	21.30	2.61	863.77	-9.53	2,467.20	2,425.86	41.34	59.674	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-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	-90.00	0.00	-19.77	19.77				
100.00	100.00	101.00	99.00	3.28	3.28	-90.00	0.00	-19.77	19.77	12.24	7.53	2.625	
200.00	200.00	201.00	199.00	3.31	3.31	-90.00	0.00	-19.77	19.77	12.19	7.57	2.610	
300.00	300.00	299.30	299.29	3.35	3.35	-143.65	0.21	-19.40	19.75	12.09	7.66	2.578	
400.00	399.93	399.90	399.83	3.42	3.42	-144.75	1.92	-16.35	19.53	11.75	7.78	2.509	
500.00	499.68	500.50	500.18	3.51	3.51	-146.96	5.37	-10.23	19.09	11.14	7.94	2.403	
600.00	599.13	601.09	600.21	3.62	3.62	-150.45	10.55	-1.05	18.46	10.32	8.14	2.268	
700.00	698.15	701.67	699.80	3.76	3.76	-155.44	17.44	11.19	17.72	9.36	8.37	2.118	
800.00	796.63	802.24	798.83	3.94	3.94	-162.19	26.05	26.46	17.00	8.37	8.63	1.970	
853.33	848.93	855.63	851.19	4.05	4.05	-166.49	31.17	35.55	16.73	7.93	8.80	1.901 CC	
900.00	894.53	902.28	896.93	4.15	4.16	-170.81	35.66	43.52	17.40	8.43	8.97	1.940	
1,000.00	992.33	1,002.24	994.95	4.40	4.40	-178.89	45.27	60.58	18.60	9.24	9.36	1.987	
1,100.00	1,090.13	1,102.20	1,092.98	4.68	4.67	174.12	54.89	77.64	20.12	10.32	9.80	2.053	
1,200.00	1,187.94	1,202.16	1,191.00	4.97	4.95	168.19	64.50	94.71	21.90	11.61	10.30	2.127	
1,300.00	1,285.74	1,302.12	1,289.02	5.28	5.26	163.19	74.12	111.77	23.88	13.05	10.83	2.204	
1,400.00	1,383.54	1,402.08	1,387.05	5.60	5.57	158.99	83.73	128.84	26.01	14.60	11.41	2.280	
1,500.00	1,481.35	1,502.04	1,485.07	5.94	5.90	155.43	93.35	145.90	28.26	16.25	12.02	2.352	
1,600.00	1,579.15	1,602.00	1,583.09	6.29	6.23	152.42	102.96	162.97	30.60	17.95	12.65	2.419	
1,700.00	1,676.96	1,701.96	1,681.11	6.64	6.58	149.83	112.58	180.03	33.02	19.71	13.30	2.482	
1,800.00	1,774.76	1,801.92	1,779.14	7.01	6.92	147.60	122.20	197.09	35.49	21.52	13.97	2.540	
1,900.00	1,872.56	1,901.88	1,877.16	7.21	7.11	145.67	131.81	214.16	38.01	24.03	13.98	2.719	
2,000.00	1,970.37	2,001.85	1,975.18	7.26	7.16	143.98	141.43	231.22	40.57	26.48	14.09	2.879	
2,100.00	2,068.17	2,101.81	2,073.21	7.32	7.22	142.48	151.04	248.29	43.16	28.92	14.24	3.032	
2,200.00	2,165.98	2,201.77	2,171.23	7.41	7.30	141.16	160.66	265.35	45.77	31.36	14.41	3.176	
2,300.00	2,263.78	2,301.73	2,269.25	7.51	7.40	139.98	170.27	282.42	48.41	33.79	14.62	3.312	
2,400.00	2,361.58	2,401.69	2,367.27	7.62	7.51	138.93	179.89	299.48	51.06	36.21	14.85	3.438	
2,500.00	2,459.39	2,501.65	2,465.30	7.75	7.63	137.98	189.50	316.55	53.73	38.62	15.11	3.555	
2,600.00	2,557.19	2,601.61	2,563.32	7.90	7.77	137.12	199.12	333.61	56.41	41.01	15.41	3.662	
2,700.00	2,654.99	2,701.57	2,661.34	8.05	7.92	136.33	208.73	350.67	59.11	43.39	15.72	3.759	
2,800.00	2,752.80	2,801.53	2,759.36	8.22	8.09	135.62	218.35	367.74	61.81	45.75	16.06	3.848	
2,900.00	2,850.60	2,901.49	2,857.39	8.41	8.26	134.96	227.96	384.80	64.53	48.10	16.43	3.928	
3,000.00	2,948.41	3,001.45	2,955.41	8.60	8.45	134.36	237.58	401.87	67.25	50.43	16.82	3.999	
3,100.00	3,046.21	3,101.41	3,053.43	8.80	8.65	133.81	247.19	418.93	69.98	52.75	17.22	4.063	
3,200.00	3,144.01	3,201.37	3,151.46	9.02	8.85	133.29	256.81	436.00	72.71	55.06	17.65	4.120	
3,300.00	3,241.82	3,301.33	3,249.48	9.24	9.07	132.82	266.42	453.06	75.45	57.36	18.09	4.170	
3,400.00	3,339.62	3,401.29	3,347.50	9.47	9.29	132.38	276.04	470.12	78.20	59.64	18.55	4.215	
3,500.00	3,437.43	3,501.25	3,445.52	9.71	9.53	131.96	285.65	487.19	80.95	61.92	19.03	4.254	
3,600.00	3,535.23	3,601.21	3,543.55	9.96	9.77	131.58	295.27	504.25	83.70	64.18	19.52	4.288	
3,700.00	3,633.03	3,701.18	3,641.57	10.21	10.01	131.22	304.89	521.32	86.46	66.43	20.02	4.318	
3,800.00	3,730.84	3,801.14	3,739.59	10.47	10.26	130.88	314.50	538.38	89.22	68.68	20.54	4.344	
3,900.00	3,828.64	3,901.10	3,837.62	10.74	10.52	130.56	324.12	555.45	91.98	70.92	21.06	4.367	
4,000.00	3,926.44	4,001.06	3,935.64	11.01	10.78	130.26	333.73	572.51	94.74	73.14	21.60	4.387	
4,100.00	4,024.25	4,101.02	4,033.66	11.28	11.05	129.98	343.35	589.58	97.51	75.37	22.14	4.403	
4,200.00	4,122.05	4,200.98	4,131.68	11.56	11.32	129.71	352.96	606.64	100.28	77.58	22.70	4.418	
4,300.00	4,219.86	4,300.94	4,229.71	11.85	11.60	129.46	362.58	623.70	103.05	79.79	23.26	4.430	
4,400.00	4,317.66	4,400.90	4,327.73	12.14	11.88	129.22	372.19	640.77	105.83	81.99	23.83	4.440	
4,500.00	4,415.46	4,500.86	4,425.75	12.43	12.17	128.99	381.81	657.83	108.60	84.19	24.41	4.449	
4,600.00	4,513.27	4,600.82	4,523.78	12.72	12.45	128.78	391.42	674.90	111.38	86.38	25.00	4.456	
4,700.00	4,611.07	4,700.78	4,621.80	13.02	12.75	128.57	401.04	691.96	114.16	88.57	25.59	4.461	
4,800.00	4,708.88	4,800.74	4,719.82	13.32	13.04	128.38	410.65	709.03	116.94	90.75	26.19	4.466	
4,900.00	4,806.68	4,900.70	4,817.84	13.63	13.34	128.19	420.27	726.09	119.72	92.93	26.79	4.469	
5,000.00	4,904.48	5,000.66	4,915.87	13.94	13.64	128.01	429.88	743.15	122.50	95.11	27.40	4.471	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-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	5,002.29	5,100.62	5,013.89	14.25	13.94	127.84	439.50	760.22	125.29	97.28	28.01	4.473	
5,200.00	5,100.09	5,200.58	5,111.91	14.56	14.24	127.68	449.11	777.28	128.07	99.45	28.63	4.474	
5,300.00	5,197.90	5,300.54	5,209.93	14.87	14.55	127.52	458.73	794.35	130.86	101.61	29.25	4.474	
5,400.00	5,295.70	5,400.50	5,307.96	15.19	14.86	127.37	468.34	811.41	133.64	103.77	29.87	4.474	
5,500.00	5,393.50	5,500.47	5,405.98	15.51	15.17	127.23	477.96	828.48	136.43	105.93	30.50	4.473	
5,600.00	5,491.31	5,600.43	5,504.00	15.83	15.48	127.09	487.58	845.54	139.22	108.09	31.13	4.472	
5,700.00	5,589.11	5,700.39	5,602.03	16.15	15.79	126.96	497.19	862.61	142.01	110.24	31.77	4.470	
5,800.00	5,686.91	5,800.35	5,700.05	16.47	16.11	126.83	506.81	879.67	144.80	112.39	32.41	4.468	
5,900.00	5,784.72	5,900.31	5,798.07	16.80	16.43	126.71	516.42	896.73	147.59	114.54	33.05	4.466	
6,000.00	5,882.52	6,000.27	5,896.09	17.12	16.75	126.60	526.04	913.80	150.38	116.69	33.69	4.464	
6,100.00	5,980.33	6,100.23	5,994.12	17.45	17.07	126.48	535.65	930.86	153.17	118.84	34.34	4.461	
6,200.00	6,078.13	6,200.19	6,092.14	17.78	17.39	126.37	545.27	947.93	155.97	120.98	34.99	4.458	
6,300.00	6,175.93	6,300.15	6,190.16	18.11	17.71	126.27	554.88	964.99	158.76	123.12	35.64	4.455	
6,400.00	6,273.74	6,400.21	6,288.60	18.44	17.99	126.96	564.55	979.85	161.53	125.33	36.20	4.463	
6,499.99	6,371.53	6,497.87	6,385.69	18.77	18.17	132.29	574.15	980.90	165.03	128.67	36.37	4.538	
6,600.00	6,470.24	6,591.30	6,477.68	19.03	18.28	-172.24	583.30	967.93	171.43	135.23	36.19	4.737	
6,700.00	6,569.10	6,681.96	6,564.20	19.19	18.33	-112.09	591.98	942.56	180.14	144.27	35.87	5.023	
6,800.00	6,665.69	6,770.27	6,644.20	19.30	18.35	-88.41	600.06	906.22	190.21	154.79	35.43	5.369	
6,900.00	6,757.63	6,856.61	6,716.85	19.34	18.33	-76.68	607.46	860.28	200.73	165.83	34.90	5.752	
7,000.00	6,842.65	6,941.32	6,781.47	19.33	18.30	-69.40	614.10	806.00	210.92	176.58	34.34	6.142	
7,100.00	6,918.67	7,024.73	6,837.54	19.30	18.28	-64.45	619.93	744.61	220.15	186.32	33.83	6.507	
7,200.00	6,983.80	7,107.11	6,884.61	19.25	18.28	-61.03	624.90	677.25	227.95	194.49	33.46	6.813	
7,300.00	7,036.46	7,188.75	6,922.34	19.23	18.33	-58.73	628.96	605.04	233.95	200.66	33.29	7.027	
7,400.00	7,075.33	7,269.89	6,950.42	19.26	18.44	-57.35	632.09	529.03	237.93	204.53	33.40	7.123	
7,500.00	7,099.46	7,350.77	6,968.62	19.40	18.62	-56.77	634.25	450.31	239.74	205.93	33.81	7.091	
7,600.00	7,108.27	7,431.63	6,976.74	19.68	18.89	-56.93	635.43	369.92	239.32	204.81	34.51	6.936	
7,700.00	7,105.75	7,522.40	6,975.77	20.11	19.30	-57.24	635.75	279.18	238.41	203.10	35.31	6.752	
7,800.00	7,102.70	7,622.39	6,973.36	20.71	19.88	-57.37	635.98	179.21	238.09	201.87	36.22	6.574	
7,900.00	7,099.65	7,722.39	6,970.95	21.43	20.58	-57.50	636.21	79.24	237.77	200.42	37.35	6.366	
8,000.00	7,096.60	7,822.39	6,968.55	22.26	21.40	-57.64	636.43	-20.73	237.45	198.76	38.68	6.138	
8,100.00	7,093.55	7,922.39	6,966.14	23.18	22.31	-57.78	636.66	-120.69	237.13	196.93	40.20	5.898	
8,200.00	7,090.50	8,022.39	6,963.73	24.18	23.31	-57.91	636.88	-220.66	236.81	194.93	41.89	5.654	
8,300.00	7,087.45	8,122.38	6,961.33	25.24	24.38	-58.05	637.11	-320.63	236.50	192.78	43.71	5.410	
8,400.00	7,084.40	8,222.38	6,958.92	26.37	25.51	-58.18	637.33	-420.60	236.19	190.51	45.67	5.171	
8,500.00	7,081.35	8,322.38	6,956.52	27.55	26.70	-58.32	637.56	-520.57	235.87	188.13	47.75	4.940	
8,600.00	7,078.30	8,422.38	6,954.11	28.78	27.93	-58.46	637.78	-620.54	235.56	185.64	49.92	4.719	
8,700.00	7,075.25	8,522.38	6,951.70	30.05	29.21	-58.60	638.01	-720.51	235.25	183.07	52.19	4.508	
8,800.00	7,072.20	8,622.37	6,949.30	31.36	30.53	-58.73	638.23	-820.48	234.94	180.41	54.53	4.308	
8,900.00	7,069.15	8,722.37	6,946.89	32.70	31.88	-58.87	638.46	-920.44	234.64	177.69	56.95	4.120	
9,000.00	7,066.10	8,822.37	6,944.48	34.07	33.26	-59.01	638.68	-1,020.41	234.33	174.91	59.42	3.943	
9,100.00	7,063.05	8,922.37	6,942.08	35.46	34.66	-59.15	638.91	-1,120.38	234.03	172.07	61.96	3.777	
9,200.00	7,060.00	9,022.37	6,939.67	36.87	36.09	-59.29	639.13	-1,220.35	233.73	169.19	64.54	3.621	
9,300.00	7,056.95	9,122.36	6,937.27	38.31	37.53	-59.43	639.36	-1,320.32	233.42	166.26	67.17	3.475	
9,400.00	7,053.90	9,222.36	6,934.86	39.76	39.00	-59.57	639.58	-1,420.29	233.12	163.29	69.84	3.338	
9,500.00	7,050.85	9,322.36	6,932.45	41.23	40.48	-59.71	639.81	-1,520.26	232.83	160.29	72.54	3.210	
9,600.00	7,047.80	9,422.36	6,930.05	42.72	41.97	-59.85	640.03	-1,620.22	232.53	157.25	75.28	3.089	
9,700.00	7,044.75	9,522.36	6,927.64	44.22	43.48	-59.99	640.26	-1,720.19	232.23	154.18	78.05	2.975	
9,800.00	7,041.70	9,622.35	6,925.23	45.73	45.00	-60.13	640.48	-1,820.16	231.94	151.09	80.85	2.869	
9,900.00	7,038.65	9,722.35	6,922.83	47.25	46.53	-60.28	640.71	-1,920.13	231.65	147.98	83.67	2.769	
10,000.00	7,035.60	9,822.35	6,920.42	48.78	48.07	-60.42	640.94	-2,020.10	231.36	144.84	86.52	2.674	
10,100.00	7,032.55	9,922.35	6,918.02	50.32	49.61	-60.56	641.16	-2,120.07	231.07	141.68	89.39	2.585	
10,200.00	7,029.50	10,022.34	6,915.61	51.86	51.17	-60.70	641.39	-2,220.04	230.78	138.50	92.28	2.501	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,026.45	10,122.34	6,913.20	53.42	52.73	-60.85	641.61	-2,320.01	230.49	135.30	95.19	2.421	
10,400.00	7,023.40	10,222.34	6,910.80	54.98	54.30	-60.99	641.84	-2,419.97	230.20	132.09	98.12	2.346	
10,500.00	7,020.35	10,322.34	6,908.39	56.55	55.87	-61.14	642.06	-2,519.94	229.92	128.86	101.06	2.275	
10,600.00	7,017.30	10,422.34	6,905.98	58.12	57.45	-61.28	642.29	-2,619.91	229.64	125.61	104.02	2.208	
10,700.00	7,014.25	10,522.33	6,903.58	59.70	59.04	-61.42	642.51	-2,719.88	229.36	122.36	107.00	2.144	
10,800.00	7,011.20	10,622.33	6,901.17	61.28	60.63	-61.57	642.74	-2,819.85	229.08	119.09	109.99	2.083	
10,900.00	7,008.15	10,722.33	6,898.77	62.87	62.22	-61.72	642.96	-2,919.82	228.80	115.80	113.00	2.025	
11,000.00	7,005.10	10,822.33	6,896.36	64.46	63.82	-61.86	643.19	-3,019.79	228.52	112.51	116.01	1.970	
11,100.00	7,002.05	10,922.33	6,893.95	66.06	65.42	-62.01	643.41	-3,119.76	228.25	109.20	119.04	1.917	
11,200.00	6,999.00	11,022.32	6,891.55	67.66	67.03	-62.15	643.64	-3,219.72	227.97	105.88	122.09	1.867	
11,300.00	6,995.95	11,122.32	6,889.14	69.26	68.64	-62.30	643.86	-3,319.69	227.70	102.56	125.14	1.820	
11,400.00	6,992.90	11,222.32	6,886.73	70.87	70.25	-62.45	644.09	-3,419.66	227.43	99.22	128.21	1.774	
11,500.00	6,989.85	11,322.32	6,884.33	72.48	71.86	-62.60	644.31	-3,519.63	227.16	95.88	131.28	1.730	
11,600.00	6,986.80	11,422.32	6,881.92	74.09	73.48	-62.74	644.54	-3,619.60	226.89	92.52	134.37	1.689	
11,700.00	6,983.75	11,522.31	6,879.52	75.70	75.10	-62.89	644.76	-3,719.57	226.62	89.16	137.46	1.649	
11,800.00	6,980.70	11,622.31	6,877.11	77.32	76.72	-63.04	644.99	-3,819.54	226.36	85.79	140.57	1.610	
11,900.00	6,977.65	11,722.31	6,874.70	78.94	78.34	-63.19	645.21	-3,919.51	226.10	82.41	143.69	1.574	
12,000.00	6,974.60	11,822.31	6,872.30	80.56	79.97	-63.34	645.44	-4,019.47	225.83	79.02	146.81	1.538	
12,100.00	6,971.55	11,922.31	6,869.89	82.19	81.60	-63.49	645.66	-4,119.44	225.57	75.63	149.94	1.504	
12,200.00	6,968.50	12,022.30	6,867.48	83.81	83.23	-63.64	645.89	-4,219.41	225.32	72.23	153.09	1.472 Level 3	
12,300.00	6,965.45	12,122.30	6,865.08	85.44	84.86	-63.79	646.12	-4,319.38	225.06	68.82	156.24	1.441 Level 3	
12,400.00	6,962.40	12,222.30	6,862.67	87.07	86.49	-63.94	646.34	-4,419.35	224.80	65.41	159.39	1.410 Level 3	
12,500.00	6,959.35	12,322.30	6,860.27	88.70	88.12	-64.09	646.57	-4,519.32	224.55	61.99	162.56	1.381 Level 3	
12,600.00	6,956.30	12,422.29	6,857.86	90.33	89.76	-64.24	646.79	-4,619.29	224.30	58.56	165.74	1.353 Level 3	
12,700.00	6,953.25	12,522.29	6,855.45	91.96	91.40	-64.40	647.02	-4,719.25	224.05	55.13	168.92	1.326 Level 3	
12,800.00	6,950.20	12,622.29	6,853.05	93.60	93.03	-64.55	647.24	-4,819.22	223.80	51.69	172.11	1.300 Level 3	
12,900.00	6,947.15	12,722.29	6,850.64	95.24	94.67	-64.70	647.47	-4,919.19	223.55	48.25	175.30	1.275 Level 3	
13,000.00	6,944.10	12,822.29	6,848.23	96.87	96.31	-64.85	647.69	-5,019.16	223.30	44.80	178.51	1.251 Level 3	
13,100.00	6,941.05	12,922.28	6,845.83	98.51	97.96	-65.01	647.92	-5,119.13	223.06	41.34	181.72	1.227 Level 2	
13,200.00	6,938.00	13,022.28	6,843.42	100.15	99.60	-65.16	648.14	-5,219.10	222.82	37.88	184.94	1.205 Level 2	
13,300.00	6,934.95	13,122.28	6,841.02	101.79	101.24	-65.31	648.37	-5,319.07	222.57	34.41	188.16	1.183 Level 2	
13,400.00	6,931.90	13,222.28	6,838.61	103.43	102.89	-65.47	648.59	-5,419.04	222.33	30.94	191.39	1.162 Level 2	
13,500.00	6,928.85	13,322.28	6,836.20	105.08	104.53	-65.62	648.82	-5,519.00	222.10	27.47	194.63	1.141 Level 2	
13,600.00	6,925.80	13,422.27	6,833.80	106.72	106.18	-65.78	649.04	-5,618.97	221.86	23.98	197.88	1.121 Level 2	
13,700.00	6,922.75	13,522.27	6,831.39	108.36	107.83	-65.93	649.27	-5,718.94	221.63	20.50	201.13	1.102 Level 2	
13,800.00	6,919.70	13,622.27	6,828.98	110.01	109.47	-66.09	649.49	-5,818.91	221.39	17.01	204.38	1.083 Level 2	
13,900.00	6,916.65	13,722.27	6,826.58	111.66	111.12	-66.24	649.72	-5,918.88	221.16	13.51	207.65	1.065 Level 2	
14,000.00	6,913.60	13,822.27	6,824.17	113.30	112.77	-66.40	649.94	-6,018.85	220.93	10.01	210.92	1.047 Level 2	
14,100.00	6,910.55	13,922.26	6,821.77	114.95	114.42	-66.56	650.17	-6,118.82	220.70	6.51	214.19	1.030 Level 2	
14,200.00	6,907.50	14,022.26	6,819.36	116.60	116.07	-66.71	650.39	-6,218.79	220.48	3.00	217.47	1.014 Level 2	
14,300.00	6,904.45	14,122.26	6,816.95	118.25	117.72	-66.87	650.62	-6,318.75	220.25	-0.51	220.76	0.998 Level 1	
14,400.00	6,901.40	14,222.26	6,814.55	119.90	119.37	-67.03	650.85	-6,418.72	220.03	-4.02	224.05	0.982 Level 1	
14,500.00	6,898.35	14,322.26	6,812.14	121.55	121.03	-67.19	651.07	-6,518.69	219.81	-7.54	227.35	0.967 Level 1	
14,600.00	6,895.30	14,422.25	6,809.74	123.20	122.68	-67.34	651.30	-6,618.66	219.59	-11.07	230.65	0.952 Level 1	
14,700.00	6,892.25	14,522.25	6,807.33	124.85	124.33	-67.50	651.52	-6,718.63	219.37	-14.59	233.96	0.938 Level 1	
14,800.00	6,889.20	14,622.25	6,804.92	126.50	125.99	-67.66	651.75	-6,818.60	219.15	-18.13	237.28	0.924 Level 1	
14,900.00	6,886.15	14,722.25	6,802.52	128.15	127.64	-67.82	651.97	-6,918.57	218.94	-21.66	240.60	0.910 Level 1	
15,000.00	6,883.10	14,822.25	6,800.11	129.81	129.30	-67.98	652.20	-7,018.54	218.72	-25.20	243.92	0.897 Level 1	
15,100.00	6,880.05	14,922.24	6,797.70	131.46	130.95	-68.14	652.42	-7,118.50	218.51	-28.74	247.25	0.884 Level 1	
15,200.00	6,877.00	15,022.24	6,795.30	133.11	132.61	-68.30	652.65	-7,218.47	218.30	-32.28	250.59	0.871 Level 1	
15,300.00	6,873.95	15,122.24	6,792.89	134.77	134.26	-68.46	652.87	-7,318.44	218.09	-35.83	253.93	0.859 Level 1	
15,400.00	6,870.90	15,222.24	6,790.49	136.42	135.92	-68.62	653.10	-7,418.41	217.89	-39.38	257.27	0.847 Level 1	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 12N-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
15,500.00	6,867.85	15,322.23	6,788.08	138.08	137.58	-68.78	653.32	-7,518.38	217.68	-42.94	260.62	0.835	Level 1
15,562.16	6,865.95	15,384.39	6,786.58	139.11	138.61	-68.88	653.46	-7,580.52	217.56	-45.15	262.70	0.828	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	91.03	-0.36	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	91.03	-0.36	20.05	20.05	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.31	3.31	91.03	-0.36	20.05	20.05	12.47	7.57	2.647	
300.00	300.00	299.75	299.74	3.35	3.35	37.44	-0.07	20.36	20.02	12.36	7.66	2.613	
400.00	399.93	399.24	399.17	3.42	3.42	36.68	2.26	22.91	19.77	11.98	7.79	2.539	
500.00	499.68	498.73	498.42	3.51	3.51	35.11	6.92	28.01	19.29	11.34	7.95	2.427	
600.00	599.13	598.22	597.37	3.62	3.62	32.60	13.91	35.64	18.60	10.45	8.15	2.282	
700.00	698.15	697.71	695.89	3.76	3.76	28.98	23.20	45.81	17.74	9.35	8.39	2.115	
800.00	796.63	797.18	793.86	3.94	3.93	23.96	34.80	58.49	16.78	8.12	8.66	1.938	
881.08	876.10	877.83	872.82	4.11	4.10	18.01	45.89	70.60	16.52	7.63	8.90	1.857	
900.00	894.53	896.65	891.17	4.15	4.15	16.78	48.69	73.67	16.21	7.26	8.96	1.810 CC	
1,000.00	992.33	1,003.39	988.59	4.40	4.42	7.89	63.81	90.20	17.17	7.84	9.34	1.839	
1,100.00	1,090.13	1,103.43	1,086.01	4.68	4.70	0.11	78.93	106.73	18.50	8.75	9.75	1.897	
1,200.00	1,187.94	1,203.47	1,183.43	4.97	5.01	-6.53	94.05	123.26	20.12	9.90	10.22	1.969	
1,300.00	1,285.74	1,303.50	1,280.85	5.28	5.33	-12.12	109.17	139.79	21.96	11.23	10.73	2.047	
1,400.00	1,383.54	1,396.46	1,378.27	5.60	5.64	-16.80	124.29	156.31	23.99	12.72	11.26	2.129	
1,500.00	1,481.35	1,503.58	1,475.69	5.94	6.02	-20.73	139.41	172.84	26.14	14.27	11.87	2.202	
1,600.00	1,579.15	1,603.62	1,573.11	6.29	6.38	-24.05	154.53	189.37	28.41	15.91	12.49	2.274	
1,700.00	1,676.96	1,703.66	1,670.53	6.64	6.75	-26.88	169.65	205.90	30.75	17.61	13.14	2.341	
1,800.00	1,774.76	1,803.70	1,767.95	7.01	7.13	-29.30	184.77	222.43	33.16	19.36	13.79	2.403	
1,900.00	1,872.56	1,896.27	1,865.37	7.21	7.32	-31.39	199.89	238.96	35.61	21.83	13.78	2.584	
2,000.00	1,970.37	1,996.23	1,962.78	7.26	7.38	-33.20	215.01	255.49	38.11	24.21	13.90	2.742	
2,100.00	2,068.17	2,103.81	2,060.20	7.32	7.46	-34.80	230.13	272.02	40.65	26.60	14.05	2.894	
2,200.00	2,165.98	2,203.85	2,157.62	7.41	7.55	-36.20	245.25	288.55	43.21	28.98	14.22	3.038	
2,300.00	2,263.78	2,303.89	2,255.04	7.51	7.65	-37.45	260.37	305.08	45.79	31.36	14.43	3.173	
2,400.00	2,361.58	2,403.92	2,352.46	7.62	7.78	-38.56	275.49	321.61	48.39	33.72	14.67	3.298	
2,500.00	2,459.39	2,503.96	2,449.88	7.75	7.92	-39.56	290.61	338.14	51.01	36.07	14.94	3.414	
2,600.00	2,557.19	2,604.00	2,547.30	7.90	8.07	-40.46	305.73	354.67	53.64	38.40	15.24	3.520	
2,700.00	2,654.99	2,704.04	2,644.72	8.05	8.23	-41.28	320.85	371.20	56.29	40.72	15.56	3.616	
2,800.00	2,752.80	2,804.08	2,742.14	8.22	8.41	-42.02	335.97	387.73	58.94	43.03	15.92	3.704	
2,900.00	2,850.60	2,904.11	2,839.56	8.41	8.61	-42.70	351.09	404.25	61.61	45.32	16.29	3.782	
3,000.00	2,948.41	2,995.85	2,936.98	8.60	8.79	-43.32	366.21	420.78	64.28	47.61	16.67	3.856	
3,100.00	3,046.21	3,095.81	3,034.40	8.80	9.01	-43.89	381.33	437.31	66.96	49.87	17.09	3.919	
3,200.00	3,144.01	3,195.77	3,131.82	9.02	9.23	-44.42	396.45	453.84	69.65	52.12	17.52	3.975	
3,300.00	3,241.82	3,304.27	3,229.24	9.24	9.48	-44.91	411.57	470.37	72.34	54.34	17.99	4.020	
3,400.00	3,339.62	3,404.30	3,326.66	9.47	9.72	-45.37	426.69	486.90	75.03	56.57	18.47	4.063	
3,500.00	3,437.43	3,504.34	3,424.08	9.71	9.97	-45.79	441.81	503.43	77.73	58.78	18.95	4.101	
3,600.00	3,535.23	3,604.38	3,521.50	9.96	10.23	-46.18	456.93	519.96	80.44	60.98	19.45	4.135	
3,700.00	3,633.03	3,704.42	3,618.92	10.21	10.49	-46.55	472.05	536.49	83.15	63.18	19.97	4.164	
3,800.00	3,730.84	3,795.54	3,716.34	10.47	10.74	-46.90	487.17	553.02	85.86	65.38	20.47	4.194	
3,900.00	3,828.64	3,904.49	3,813.76	10.74	11.04	-47.22	502.29	569.55	88.57	67.54	21.03	4.211	
4,000.00	3,926.44	4,004.53	3,911.18	11.01	11.32	-47.53	517.41	586.08	91.29	69.70	21.58	4.230	
4,100.00	4,024.25	4,104.57	4,008.59	11.28	11.61	-47.81	532.52	602.61	94.01	71.86	22.14	4.246	
4,200.00	4,122.05	4,204.61	4,106.01	11.56	11.90	-48.08	547.64	619.14	96.73	74.02	22.71	4.259	
4,300.00	4,219.86	4,304.65	4,203.43	11.85	12.19	-48.34	562.76	635.67	99.45	76.17	23.29	4.271	
4,400.00	4,317.66	4,404.68	4,300.85	12.14	12.49	-48.58	577.88	652.19	102.18	78.31	23.87	4.281	
4,500.00	4,415.46	4,504.72	4,398.27	12.43	12.80	-48.81	593.00	668.72	104.90	80.44	24.46	4.289	
4,600.00	4,513.27	4,604.76	4,495.69	12.72	13.10	-49.03	608.12	685.25	107.63	82.57	25.06	4.295	
4,700.00	4,611.07	4,704.80	4,593.11	13.02	13.41	-49.24	623.24	701.78	110.36	84.70	25.66	4.301	
4,800.00	4,708.88	4,804.84	4,690.53	13.32	13.73	-49.44	638.36	718.31	113.09	86.82	26.27	4.305	
4,900.00	4,806.68	4,904.87	4,787.95	13.63	14.04	-49.63	653.48	734.84	115.83	88.94	26.89	4.308	
5,000.00	4,904.48	5,004.91	4,885.37	13.94	14.36	-49.81	668.60	751.37	118.56	91.05	27.51	4.310	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,002.29	5,095.05	4,982.79	14.25	14.65	-49.98	683.72	767.90	121.30	93.19	28.10	4.316	
5,200.00	5,100.09	5,204.99	5,080.21	14.56	15.00	-50.14	698.84	784.43	124.03	95.27	28.76	4.312	
5,300.00	5,197.90	5,305.03	5,177.63	14.87	15.33	-50.30	713.96	800.96	126.77	97.37	29.40	4.313	
5,400.00	5,295.70	5,394.94	5,275.05	15.19	15.62	-50.45	729.08	817.49	129.51	99.51	30.00	4.317	
5,500.00	5,393.50	5,505.10	5,372.47	15.51	15.99	-50.59	744.20	834.02	132.25	101.57	30.67	4.311	
5,600.00	5,491.31	5,605.14	5,469.89	15.83	16.32	-50.73	759.32	850.55	134.99	103.67	31.32	4.310	
5,700.00	5,589.11	5,705.18	5,567.31	16.15	16.65	-50.86	774.44	867.08	137.73	105.76	31.97	4.309	
5,800.00	5,686.91	5,805.22	5,664.73	16.47	16.99	-50.99	789.56	883.61	140.47	107.85	32.62	4.307	
5,900.00	5,784.72	5,905.26	5,762.15	16.80	17.32	-51.11	804.68	900.13	143.21	109.94	33.27	4.305	
6,000.00	5,882.52	6,005.29	5,859.57	17.12	17.66	-51.23	819.80	916.66	145.95	112.03	33.92	4.302	
6,100.00	5,980.33	6,105.33	5,956.99	17.45	18.00	-51.34	834.92	933.19	148.69	114.11	34.58	4.300	
6,200.00	6,078.13	6,205.37	6,054.40	17.78	18.34	-51.45	850.04	949.72	151.44	116.19	35.24	4.297	
6,300.00	6,175.93	6,305.41	6,151.82	18.11	18.68	-51.56	865.16	966.25	154.18	118.27	35.91	4.294	
6,400.00	6,273.74	6,405.45	6,249.24	18.44	19.02	-51.66	880.28	982.78	156.93	120.35	36.57	4.291	
6,499.99	6,371.53	6,505.49	6,346.65	18.77	19.36	-51.76	895.40	999.31	159.67	122.43	37.24	4.288	
6,600.00	6,470.24	6,594.09	6,443.70	19.03	19.67	-1.52	910.46	1,015.77	162.69	125.11	37.57	4.330	
6,700.00	6,569.10	6,695.24	6,543.11	19.19	19.93	57.00	926.00	1,025.02	167.12	129.56	37.56	4.449	
6,800.00	6,665.69	6,799.11	6,645.34	19.30	20.12	79.67	942.21	1,017.83	172.91	135.43	37.48	4.613	
6,900.00	6,757.63	6,905.76	6,747.64	19.34	20.25	90.83	958.68	993.06	179.62	142.29	37.33	4.812	
7,000.00	6,842.65	7,015.21	6,846.82	19.33	20.31	97.84	974.91	950.05	186.75	149.65	37.09	5.034	
7,100.00	6,918.67	7,127.35	6,939.32	19.30	20.30	102.67	990.35	888.83	193.73	156.93	36.80	5.265	
7,200.00	6,983.80	7,241.93	7,021.34	19.25	20.25	106.02	1,004.38	810.30	200.06	163.53	36.53	5.477	
7,300.00	7,036.46	7,358.52	7,089.15	19.23	20.18	108.22	1,016.38	716.42	205.25	168.86	36.39	5.640	
7,400.00	7,075.33	7,476.57	7,139.41	19.26	20.12	109.45	1,025.79	610.21	208.97	172.42	36.55	5.718	
7,500.00	7,099.46	7,595.39	7,169.57	19.40	20.15	109.80	1,032.15	495.63	210.97	173.91	37.06	5.693	
7,600.00	7,108.27	7,714.24	7,178.18	19.68	20.39	109.33	1,035.17	377.31	211.17	173.25	37.92	5.568	
7,661.29	7,108.13	7,776.65	7,176.29	19.94	20.64	108.87	1,035.75	314.92	210.78	172.32	38.47	5.480	
7,700.00	7,105.75	7,815.38	7,175.10	20.11	20.83	109.13	1,036.11	276.21	211.55	172.83	38.72	5.464	
7,800.00	7,102.70	7,915.38	7,172.00	20.71	21.44	109.06	1,037.02	176.27	212.16	172.44	39.73	5.340	
7,900.00	7,099.65	8,015.38	7,168.91	21.43	22.19	108.99	1,037.94	76.32	212.77	171.81	40.97	5.194	
8,000.00	7,096.60	8,115.37	7,165.82	22.26	23.03	108.93	1,038.85	-23.62	213.38	170.96	42.42	5.030	
8,100.00	7,093.55	8,215.37	7,162.73	23.18	23.96	108.86	1,039.77	-123.57	213.99	169.93	44.06	4.856	
8,200.00	7,090.50	8,315.37	7,159.63	24.18	24.97	108.79	1,040.69	-223.51	214.61	168.73	45.88	4.678	
8,300.00	7,087.45	8,415.37	7,156.54	25.24	26.04	108.72	1,041.60	-323.46	215.22	167.37	47.84	4.498	
8,400.00	7,084.40	8,515.37	7,153.45	26.37	27.16	108.66	1,042.52	-423.41	215.83	165.88	49.94	4.321	
8,500.00	7,081.35	8,615.36	7,150.36	27.55	28.34	108.59	1,043.44	-523.35	216.44	164.28	52.16	4.149	
8,600.00	7,078.30	8,715.36	7,147.26	28.78	29.57	108.52	1,044.35	-623.30	217.05	162.57	54.48	3.984	
8,700.00	7,075.25	8,815.36	7,144.17	30.05	30.83	108.46	1,045.27	-723.24	217.66	160.77	56.89	3.826	
8,800.00	7,072.20	8,915.36	7,141.08	31.36	32.13	108.39	1,046.18	-823.19	218.28	158.89	59.38	3.676	
8,900.00	7,069.15	9,015.36	7,137.99	32.70	33.46	108.33	1,047.10	-923.13	218.89	156.94	61.94	3.534	
9,000.00	7,066.10	9,115.35	7,134.90	34.07	34.82	108.26	1,048.02	-1,023.08	219.50	154.93	64.57	3.400	
9,100.00	7,063.05	9,215.35	7,131.80	35.46	36.21	108.20	1,048.93	-1,123.03	220.12	152.87	67.25	3.273	
9,200.00	7,060.00	9,315.35	7,128.71	36.87	37.61	108.13	1,049.85	-1,222.97	220.73	150.75	69.97	3.154	
9,300.00	7,056.95	9,415.35	7,125.62	38.31	39.04	108.07	1,050.76	-1,322.92	221.34	148.60	72.75	3.043	
9,400.00	7,053.90	9,515.34	7,122.53	39.76	40.49	108.01	1,051.68	-1,422.86	221.96	146.40	75.56	2.938	
9,500.00	7,050.85	9,615.34	7,119.43	41.23	41.95	107.94	1,052.60	-1,522.81	222.57	144.17	78.40	2.839	
9,600.00	7,047.80	9,715.34	7,116.34	42.72	43.43	107.88	1,053.51	-1,622.76	223.19	141.91	81.28	2.746	
9,700.00	7,044.75	9,815.34	7,113.25	44.22	44.92	107.82	1,054.43	-1,722.70	223.80	139.62	84.18	2.659	
9,800.00	7,041.70	9,915.34	7,110.16	45.73	46.42	107.76	1,055.35	-1,822.65	224.42	137.30	87.11	2.576	
9,900.00	7,038.65	10,015.33	7,107.06	47.25	47.93	107.70	1,056.26	-1,922.59	225.03	134.97	90.07	2.499	
10,000.00	7,035.60	10,115.33	7,103.97	48.78	49.46	107.64	1,057.18	-2,022.54	225.65	132.61	93.04	2.425	
10,100.00	7,032.55	10,215.33	7,100.88	50.32	50.99	107.57	1,058.09	-2,122.48	226.26	130.23	96.03	2.356	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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	7,029.50	10,315.33	7,097.79	51.86	52.53	107.51	1,059.01	-2,222.43	226.88	127.83	99.05	2.291	
10,300.00	7,026.45	10,415.32	7,094.70	53.42	54.08	107.45	1,059.93	-2,322.38	227.50	125.42	102.07	2.229	
10,400.00	7,023.40	10,515.32	7,091.60	54.98	55.63	107.39	1,060.84	-2,422.32	228.11	123.00	105.11	2.170	
10,500.00	7,020.35	10,615.32	7,088.51	56.55	57.20	107.33	1,061.76	-2,522.27	228.73	120.56	108.17	2.115	
10,600.00	7,017.30	10,715.32	7,085.42	58.12	58.76	107.28	1,062.68	-2,622.21	229.35	118.11	111.24	2.062	
10,700.00	7,014.25	10,815.32	7,082.33	59.70	60.34	107.22	1,063.59	-2,722.16	229.96	115.64	114.32	2.012	
10,800.00	7,011.20	10,915.31	7,079.23	61.28	61.92	107.16	1,064.51	-2,822.10	230.58	113.17	117.41	1.964	
10,900.00	7,008.15	11,015.31	7,076.14	62.87	63.50	107.10	1,065.42	-2,922.05	231.20	110.69	120.51	1.918	
11,000.00	7,005.10	11,115.31	7,073.05	64.46	65.09	107.04	1,066.34	-3,022.00	231.82	108.19	123.62	1.875	
11,100.00	7,002.05	11,215.31	7,069.96	66.06	66.68	106.98	1,067.26	-3,121.94	232.44	105.69	126.74	1.834	
11,200.00	6,999.00	11,315.30	7,066.87	67.66	68.27	106.93	1,068.17	-3,221.89	233.06	103.18	129.87	1.794	
11,300.00	6,995.95	11,415.30	7,063.77	69.26	69.87	106.87	1,069.09	-3,321.83	233.67	100.67	133.01	1.757	
11,400.00	6,992.90	11,515.30	7,060.68	70.87	71.48	106.81	1,070.01	-3,421.78	234.29	98.14	136.15	1.721	
11,500.00	6,989.85	11,615.30	7,057.59	72.48	73.08	106.76	1,070.92	-3,521.73	234.91	95.61	139.30	1.686	
11,600.00	6,986.80	11,715.30	7,054.50	74.09	74.69	106.70	1,071.84	-3,621.67	235.53	93.07	142.46	1.653	
11,700.00	6,983.75	11,815.29	7,051.40	75.70	76.30	106.64	1,072.75	-3,721.62	236.15	90.53	145.62	1.622	
11,800.00	6,980.70	11,915.29	7,048.31	77.32	77.92	106.59	1,073.67	-3,821.56	236.77	87.98	148.79	1.591	
11,900.00	6,977.65	12,015.29	7,045.22	78.94	79.53	106.53	1,074.59	-3,921.51	237.39	85.43	151.96	1.562	
12,000.00	6,974.60	12,115.29	7,042.13	80.56	81.15	106.48	1,075.50	-4,021.45	238.01	82.87	155.14	1.534	
12,100.00	6,971.55	12,215.29	7,039.03	82.19	82.77	106.42	1,076.42	-4,121.40	238.63	80.31	158.33	1.507	
12,200.00	6,968.50	12,315.28	7,035.94	83.81	84.39	106.37	1,077.34	-4,221.35	239.25	77.74	161.51	1.481 Level 3	
12,300.00	6,965.45	12,415.28	7,032.85	85.44	86.02	106.32	1,078.25	-4,321.29	239.88	75.17	164.71	1.456 Level 3	
12,400.00	6,962.40	12,515.28	7,029.76	87.07	87.65	106.26	1,079.17	-4,421.24	240.50	72.59	167.91	1.432 Level 3	
12,500.00	6,959.35	12,615.28	7,026.67	88.70	89.27	106.21	1,080.08	-4,521.18	241.12	70.01	171.11	1.409 Level 3	
12,600.00	6,956.30	12,715.27	7,023.57	90.33	90.90	106.16	1,081.00	-4,621.13	241.74	67.43	174.31	1.387 Level 3	
12,700.00	6,953.25	12,815.27	7,020.48	91.96	92.53	106.10	1,081.92	-4,721.08	242.36	64.84	177.52	1.365 Level 3	
12,800.00	6,950.20	12,915.27	7,017.39	93.60	94.17	106.05	1,082.83	-4,821.02	242.98	62.25	180.73	1.344 Level 3	
12,900.00	6,947.15	13,015.27	7,014.30	95.24	95.80	106.00	1,083.75	-4,920.97	243.61	59.66	183.95	1.324 Level 3	
13,000.00	6,944.10	13,115.27	7,011.20	96.87	97.44	105.94	1,084.67	-5,020.91	244.23	57.06	187.17	1.305 Level 3	
13,100.00	6,941.05	13,215.26	7,008.11	98.51	99.07	105.89	1,085.58	-5,120.86	244.85	54.46	190.39	1.286 Level 3	
13,200.00	6,938.00	13,315.26	7,005.02	100.15	100.71	105.84	1,086.50	-5,220.80	245.48	51.86	193.62	1.268 Level 3	
13,300.00	6,934.95	13,415.26	7,001.93	101.79	102.35	105.79	1,087.41	-5,320.75	246.10	49.25	196.85	1.250 Level 3	
13,400.00	6,931.90	13,515.26	6,998.83	103.43	103.99	105.74	1,088.33	-5,420.70	246.72	46.64	200.08	1.233 Level 2	
13,500.00	6,928.85	13,615.25	6,995.74	105.08	105.63	105.69	1,089.25	-5,520.64	247.35	44.03	203.31	1.217 Level 2	
13,600.00	6,925.80	13,715.25	6,992.65	106.72	107.27	105.64	1,090.16	-5,620.59	247.97	41.42	206.55	1.201 Level 2	
13,700.00	6,922.75	13,815.25	6,989.56	108.36	108.92	105.59	1,091.08	-5,720.53	248.59	38.81	209.79	1.185 Level 2	
13,800.00	6,919.70	13,915.25	6,986.47	110.01	110.56	105.54	1,091.99	-5,820.48	249.22	36.19	213.03	1.170 Level 2	
13,900.00	6,916.65	14,015.25	6,983.37	111.66	112.20	105.49	1,092.91	-5,920.42	249.84	33.57	216.27	1.155 Level 2	
14,000.00	6,913.60	14,115.24	6,980.28	113.30	113.85	105.44	1,093.83	-6,020.37	250.47	30.95	219.52	1.141 Level 2	
14,100.00	6,910.55	14,215.24	6,977.19	114.95	115.50	105.39	1,094.74	-6,120.32	251.09	28.32	222.77	1.127 Level 2	
14,200.00	6,907.50	14,315.24	6,974.10	116.60	117.14	105.34	1,095.66	-6,220.26	251.72	25.70	226.02	1.114 Level 2	
14,300.00	6,904.45	14,415.24	6,971.00	118.25	118.79	105.29	1,096.58	-6,320.21	252.34	23.07	229.27	1.101 Level 2	
14,400.00	6,901.40	14,515.24	6,967.91	119.90	120.44	105.24	1,097.49	-6,420.15	252.97	20.44	232.53	1.088 Level 2	
14,500.00	6,898.35	14,615.23	6,964.82	121.55	122.09	105.19	1,098.41	-6,520.10	253.59	17.81	235.78	1.076 Level 2	
14,600.00	6,895.30	14,715.23	6,961.73	123.20	123.74	105.14	1,099.32	-6,620.05	254.22	15.18	239.04	1.063 Level 2	
14,700.00	6,892.25	14,815.23	6,958.63	124.85	125.39	105.10	1,100.24	-6,719.99	254.84	12.54	242.30	1.052 Level 2	
14,800.00	6,889.20	14,915.23	6,955.54	126.50	127.04	105.05	1,101.16	-6,819.94	255.47	9.91	245.56	1.040 Level 2	
14,900.00	6,886.15	15,015.22	6,952.45	128.15	128.69	105.00	1,102.07	-6,919.88	256.10	7.27	248.83	1.029 Level 2	
15,000.00	6,883.10	15,115.22	6,949.36	129.81	130.34	104.95	1,102.99	-7,019.83	256.72	4.63	252.09	1.018 Level 2	
15,100.00	6,880.05	15,215.22	6,946.27	131.46	132.00	104.91	1,103.91	-7,119.77	257.35	1.99	255.36	1.008 Level 2	
15,200.00	6,877.00	15,315.22	6,943.17	133.11	133.65	104.86	1,104.82	-7,219.72	257.98	-0.65	258.63	0.997 Level 1	
15,300.00	6,873.95	15,415.22	6,940.08	134.77	135.30	104.81	1,105.74	-7,319.67	258.60	-3.30	261.90	0.987 Level 1	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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	6,870.90	15,515.21	6,936.99	136.42	136.96	104.77	1,106.65	-7,419.61	259.23	-5.94	265.17	0.978	Level 1
15,500.00	6,867.85	15,615.21	6,933.90	138.08	138.61	104.72	1,107.57	-7,519.56	259.86	-8.59	268.44	0.968	Level 1
15,562.16	6,865.95	15,677.37	6,931.97	139.11	139.64	104.69	1,108.14	-7,581.68	260.25	-10.23	270.48	0.962	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	1.00	-1.00	3.28	3.28	-89.58	0.73	-99.95	99.95				
100.00	100.00	101.00	99.00	3.28	3.28	-89.58	0.73	-99.95	99.95	92.42	7.53	13.276	
200.00	200.00	201.00	199.00	3.31	3.31	-89.58	0.73	-99.95	99.95	92.38	7.57	13.196 CC, ES	
200.04	200.04	200.96	199.04	3.31	3.31	-89.58	0.73	-99.95	99.95	92.38	7.57	13.196	
300.00	300.00	301.00	299.00	3.35	3.35	-143.23	0.73	-99.95	100.30	92.64	7.66	13.087	
400.00	399.93	401.07	398.93	3.42	3.42	-144.36	0.73	-99.95	103.12	95.32	7.80	13.227	
500.00	499.68	501.32	498.68	3.51	3.51	-146.43	0.73	-99.95	108.86	100.89	7.97	13.655	
600.00	599.13	601.87	598.13	3.62	3.61	-149.15	0.73	-99.95	117.72	109.53	8.19	14.371	
700.00	698.15	702.85	697.15	3.76	3.74	-152.18	0.73	-99.95	129.89	121.44	8.45	15.366	
800.00	796.63	795.63	795.63	3.94	3.87	-155.23	0.73	-99.95	145.51	136.77	8.74	16.645	
900.00	894.53	898.91	898.89	4.15	4.01	-158.46	0.67	-98.24	162.75	153.69	9.06	17.964	
1,000.00	992.33	1,003.31	1,003.14	4.40	4.17	-161.59	0.48	-92.74	177.47	168.08	9.39	18.906	
1,100.00	1,090.13	1,108.44	1,107.84	4.68	4.35	-164.69	0.15	-83.37	189.24	179.50	9.74	19.424	
1,200.00	1,187.94	1,214.01	1,212.57	4.97	4.55	-167.89	-0.31	-70.10	198.18	188.05	10.13	19.568	
1,300.00	1,285.74	1,319.74	1,316.90	5.28	4.78	-171.33	-0.91	-52.96	204.41	193.87	10.54	19.388	
1,400.00	1,383.54	1,419.09	1,414.59	5.60	5.02	-174.64	-1.54	-34.94	209.62	198.61	11.01	19.036	
1,500.00	1,481.35	1,518.22	1,512.08	5.94	5.28	-177.78	-2.17	-16.95	215.51	203.99	11.51	18.723	
1,600.00	1,579.15	1,617.36	1,609.57	6.29	5.55	179.26	-2.80	1.04	222.00	209.97	12.04	18.443	
1,700.00	1,676.96	1,716.50	1,707.06	6.64	5.84	176.47	-3.43	19.03	229.07	216.47	12.59	18.193	
1,800.00	1,774.76	1,815.64	1,804.56	7.01	6.12	173.85	-4.05	37.01	236.64	223.66	12.98	18.236	
1,900.00	1,872.56	1,914.78	1,902.05	7.21	6.27	171.40	-4.68	55.00	244.68	231.60	13.08	18.710	
2,000.00	1,970.37	2,013.92	1,999.54	7.26	6.31	169.10	-5.31	72.99	253.15	239.98	13.16	19.233	
2,100.00	2,068.17	2,113.06	2,097.03	7.32	6.36	166.96	-5.94	90.98	261.99	248.71	13.28	19.723	
2,200.00	2,165.98	2,212.20	2,194.53	7.41	6.44	164.95	-6.57	108.97	271.18	257.73	13.44	20.175	
2,300.00	2,263.78	2,311.34	2,292.02	7.51	6.53	163.08	-7.20	126.95	280.67	267.04	13.63	20.585	
2,400.00	2,361.58	2,410.48	2,389.51	7.62	6.64	161.33	-7.82	144.94	290.45	276.59	13.86	20.953	
2,500.00	2,459.39	2,509.62	2,487.00	7.75	6.76	159.70	-8.45	162.93	300.48	286.36	14.12	21.279	
2,600.00	2,557.19	2,608.76	2,584.50	7.90	6.90	158.17	-9.08	180.92	310.73	296.32	14.41	21.564	
2,700.00	2,654.99	2,707.90	2,681.99	8.05	7.06	156.74	-9.71	198.90	321.20	306.47	14.73	21.809	
2,800.00	2,752.80	2,807.04	2,779.48	8.22	7.23	155.40	-10.34	216.89	331.84	316.77	15.07	22.017	
2,900.00	2,850.60	2,906.18	2,876.97	8.41	7.41	154.15	-10.97	234.88	342.66	327.22	15.44	22.191	
3,000.00	2,948.41	3,005.32	2,974.47	8.60	7.60	152.97	-11.59	252.87	353.63	337.80	15.83	22.335	
3,100.00	3,046.21	3,104.46	3,071.96	8.80	7.80	151.86	-12.22	270.86	364.74	348.50	16.25	22.450	
3,200.00	3,144.01	3,203.60	3,169.45	9.02	8.01	150.82	-12.85	288.84	375.98	359.30	16.68	22.541	
3,300.00	3,241.82	3,302.74	3,266.94	9.24	8.23	149.84	-13.48	306.83	387.33	370.20	17.13	22.611	
3,400.00	3,339.62	3,401.88	3,364.43	9.47	8.46	148.91	-14.11	324.82	398.79	381.20	17.60	22.661	
3,500.00	3,437.43	3,501.02	3,461.93	9.71	8.70	148.04	-14.73	342.81	410.35	392.27	18.08	22.695	
3,600.00	3,535.23	3,600.16	3,559.42	9.96	8.94	147.21	-15.36	360.79	422.00	403.42	18.58	22.715	
3,700.00	3,633.03	3,700.70	3,656.91	10.21	9.20	146.43	-15.99	378.78	433.73	414.64	19.09	22.718	
3,800.00	3,730.84	3,801.56	3,754.40	10.47	9.46	145.69	-16.62	396.77	445.53	425.91	19.62	22.710	
3,900.00	3,828.64	3,902.42	3,851.90	10.74	9.72	144.99	-17.25	414.76	457.41	437.25	20.16	22.693	
4,000.00	3,926.44	4,003.28	3,949.39	11.01	10.00	144.32	-17.88	432.75	469.35	448.64	20.70	22.670	
4,100.00	4,024.25	4,104.14	4,046.88	11.28	10.27	143.69	-18.50	450.73	481.35	460.08	21.26	22.640	
4,200.00	4,122.05	4,205.00	4,144.37	11.56	10.55	143.08	-19.13	468.72	493.40	471.57	21.83	22.605	
4,300.00	4,219.86	4,305.86	4,241.87	11.85	10.84	142.51	-19.76	486.71	505.51	483.10	22.40	22.566	
4,400.00	4,317.66	4,406.72	4,339.36	12.14	11.13	141.96	-20.39	504.70	517.66	494.68	22.98	22.524	
4,500.00	4,415.46	4,507.58	4,436.85	12.43	11.42	141.44	-21.02	522.68	529.86	506.29	23.57	22.479	
4,600.00	4,513.27	4,608.44	4,534.34	12.72	11.72	140.94	-21.64	540.67	542.10	517.93	24.17	22.433	
4,700.00	4,611.07	4,709.30	4,631.84	13.02	12.02	140.47	-22.27	558.66	554.38	529.61	24.77	22.385	
4,800.00	4,708.88	4,789.84	4,729.33	13.32	12.26	140.01	-22.90	576.65	566.69	541.38	25.31	22.390	
4,900.00	4,806.68	4,888.98	4,826.82	13.63	12.56	139.57	-23.53	594.64	579.04	553.12	25.92	22.343	
5,000.00	4,904.48	4,988.12	4,924.31	13.94	12.86	139.15	-24.16	612.62	591.42	564.89	26.53	22.296	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,002.29	5,087.26	5,021.80	14.25	13.16	138.75	-24.79	630.61	603.83	576.69	27.14	22.249	
5,200.00	5,100.09	5,186.40	5,119.30	14.56	13.47	138.37	-25.41	648.60	616.27	588.51	27.76	22.201	
5,300.00	5,197.90	5,285.54	5,216.79	14.87	13.77	138.00	-26.04	666.59	628.73	600.35	28.38	22.154	
5,400.00	5,295.70	5,384.68	5,314.28	15.19	14.08	137.64	-26.67	684.57	641.22	612.21	29.01	22.107	
5,500.00	5,393.50	5,483.82	5,411.77	15.51	14.39	137.30	-27.30	702.56	653.73	624.10	29.63	22.060	
5,600.00	5,491.31	5,582.96	5,509.27	15.83	14.70	136.97	-27.93	720.55	666.27	636.00	30.27	22.014	
5,700.00	5,589.11	5,682.10	5,606.76	16.15	15.02	136.65	-28.56	738.54	678.82	647.92	30.90	21.968	
5,800.00	5,686.91	5,781.24	5,704.25	16.47	15.33	136.35	-29.18	756.53	691.40	659.86	31.54	21.922	
5,900.00	5,784.72	5,880.38	5,801.74	16.80	15.65	136.05	-29.81	774.51	703.99	671.81	32.18	21.878	
6,000.00	5,882.52	5,979.52	5,899.24	17.12	15.97	135.77	-30.44	792.50	716.60	683.78	32.82	21.834	
6,100.00	5,980.33	6,078.66	5,996.73	17.45	16.29	135.50	-31.07	810.49	729.23	695.77	33.47	21.790	
6,200.00	6,078.13	6,177.80	6,094.22	17.78	16.61	135.23	-31.70	828.48	741.88	707.76	34.11	21.748	
6,300.00	6,175.93	6,276.94	6,191.71	18.11	16.93	134.97	-32.32	846.46	754.54	719.78	34.76	21.706	
6,400.00	6,273.74	6,376.08	6,289.21	18.44	17.25	134.73	-32.95	864.45	767.21	731.80	35.41	21.665	
6,499.99	6,371.53	6,475.21	6,386.69	18.77	17.57	134.49	-33.58	882.44	779.90	743.83	36.07	21.625	
6,600.00	6,470.24	6,573.82	6,483.66	19.03	17.89	-177.39	-34.21	900.33	791.67	755.02	36.65	21.600	
6,700.00	6,569.10	6,667.77	6,576.08	19.19	18.19	-124.73	-34.80	917.17	801.99	764.83	37.16	21.584	
6,800.00	6,665.69	6,753.56	6,661.46	19.30	18.37	-107.72	-35.30	924.86	812.42	774.93	37.49	21.672	
6,900.00	6,757.63	6,842.90	6,750.63	19.34	18.48	-101.73	-35.74	920.59	823.42	785.72	37.71	21.837	
7,000.00	6,842.65	6,936.62	6,842.54	19.33	18.54	-99.35	-36.12	902.77	834.87	797.03	37.84	22.061	
7,100.00	6,918.67	7,035.66	6,935.73	19.30	18.56	-98.56	-36.40	869.50	846.56	808.64	37.91	22.328	
7,200.00	6,983.80	7,141.10	7,027.98	19.25	18.53	-98.63	-36.56	818.67	858.15	820.20	37.95	22.613	
7,300.00	7,036.46	7,254.08	7,116.05	19.23	18.50	-99.23	-36.58	748.16	869.23	831.23	38.00	22.876	
7,400.00	7,075.33	7,375.61	7,195.30	19.26	18.50	-100.17	-36.42	656.25	879.21	841.07	38.14	23.050	
7,500.00	7,099.46	7,506.36	7,259.40	19.40	18.60	-101.32	-36.04	542.56	887.44	848.94	38.50	23.052	
7,600.00	7,108.27	7,646.17	7,300.75	19.68	18.87	-102.55	-35.41	409.30	893.15	853.98	39.17	22.802	
7,700.00	7,105.75	7,793.86	7,311.81	20.11	19.35	-103.39	-34.54	262.36	895.17	854.94	40.23	22.252	
7,800.00	7,102.70	7,907.88	7,308.62	20.71	19.90	-103.39	-33.90	164.16	894.74	853.34	41.40	21.610	
7,900.00	7,099.65	8,007.88	7,305.35	21.43	20.51	-103.38	-33.26	64.22	894.31	851.57	42.74	20.922	
8,000.00	7,096.60	8,107.89	7,302.09	22.26	21.25	-103.37	-32.61	-35.73	893.88	849.58	44.29	20.181	
8,100.00	7,093.55	8,207.89	7,298.82	23.18	22.08	-103.36	-31.96	-135.67	893.45	847.42	46.03	19.411	
8,200.00	7,090.50	8,307.89	7,295.55	24.18	23.01	-103.35	-31.31	-235.62	893.01	845.09	47.93	18.633	
8,300.00	7,087.45	8,407.89	7,292.29	25.24	24.01	-103.35	-30.66	-335.56	892.58	842.61	49.97	17.862	
8,400.00	7,084.40	8,507.89	7,289.02	26.37	25.10	-103.34	-30.01	-435.50	892.15	840.00	52.15	17.109	
8,500.00	7,081.35	8,607.89	7,285.75	27.55	26.24	-103.33	-29.36	-535.45	891.72	837.28	54.43	16.382	
8,600.00	7,078.30	8,707.89	7,282.49	28.78	27.44	-103.32	-28.71	-635.39	891.29	834.46	56.82	15.686	
8,700.00	7,075.25	8,807.89	7,279.22	30.05	28.68	-103.32	-28.06	-735.33	890.85	831.56	59.30	15.024	
8,800.00	7,072.20	8,907.89	7,275.96	31.36	29.97	-103.31	-27.41	-835.28	890.42	828.57	61.85	14.397	
8,900.00	7,069.15	8,992.11	7,272.69	32.70	31.08	-103.30	-26.76	-935.22	889.99	825.73	64.26	13.850	
9,000.00	7,066.10	9,107.90	7,269.42	34.07	32.65	-103.29	-26.11	-1,035.16	889.56	822.41	67.15	13.248	
9,100.00	7,063.05	9,207.90	7,266.16	35.46	34.03	-103.29	-25.46	-1,135.11	889.13	819.25	69.88	12.724	
9,200.00	7,060.00	9,307.90	7,262.89	36.87	35.44	-103.28	-24.82	-1,235.05	888.69	816.04	72.66	12.232	
9,300.00	7,056.95	9,407.90	7,259.63	38.31	36.87	-103.27	-24.17	-1,334.99	888.26	812.79	75.48	11.769	
9,400.00	7,053.90	9,507.90	7,256.36	39.76	38.32	-103.26	-23.52	-1,434.94	887.83	809.50	78.33	11.334	
9,500.00	7,050.85	9,607.90	7,253.09	41.23	39.79	-103.25	-22.87	-1,534.88	887.40	806.18	81.22	10.926	
9,600.00	7,047.80	9,707.90	7,249.83	42.72	41.27	-103.25	-22.22	-1,634.82	886.97	802.83	84.14	10.541	
9,700.00	7,044.75	9,807.90	7,246.56	44.22	42.77	-103.24	-21.57	-1,734.77	886.54	799.45	87.09	10.180	
9,800.00	7,041.70	9,907.90	7,243.30	45.73	44.28	-103.23	-20.92	-1,834.71	886.10	796.05	90.06	9.839	
9,900.00	7,038.65	10,007.91	7,240.03	47.25	45.80	-103.22	-20.27	-1,934.66	885.67	792.62	93.05	9.518	
10,000.00	7,035.60	10,107.91	7,236.76	48.78	47.34	-103.22	-19.62	-2,034.60	885.24	789.18	96.06	9.215	
10,100.00	7,032.55	10,207.91	7,233.50	50.32	48.88	-103.21	-18.97	-2,134.54	884.81	785.72	99.09	8.929	
10,200.00	7,029.50	10,307.91	7,230.23	51.86	50.43	-103.20	-18.32	-2,234.49	884.38	782.24	102.14	8.659	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,026.45	10,407.91	7,226.96	53.42	51.98	-103.19	-17.67	-2,334.43	883.95	778.75	105.20	8.403		
10,400.00	7,023.40	10,507.91	7,223.70	54.98	53.55	-103.18	-17.03	-2,434.37	883.51	775.24	108.27	8.160		
10,500.00	7,020.35	10,607.91	7,220.43	56.55	55.12	-103.18	-16.38	-2,534.32	883.08	771.72	111.36	7.930		
10,600.00	7,017.30	10,707.91	7,217.17	58.12	56.69	-103.17	-15.73	-2,634.26	882.65	768.19	114.46	7.712		
10,700.00	7,014.25	10,807.91	7,213.90	59.70	58.28	-103.16	-15.08	-2,734.20	882.22	764.65	117.57	7.504		
10,800.00	7,011.20	10,907.91	7,210.63	61.28	59.86	-103.15	-14.43	-2,834.15	881.79	761.10	120.69	7.306		
10,900.00	7,008.15	11,007.92	7,207.37	62.87	61.45	-103.14	-13.78	-2,934.09	881.36	757.54	123.81	7.118		
11,000.00	7,005.10	11,107.92	7,204.10	64.46	63.05	-103.14	-13.13	-3,034.03	880.92	753.97	126.95	6.939		
11,100.00	7,002.05	11,207.92	7,200.84	66.06	64.65	-103.13	-12.48	-3,133.98	880.49	750.40	130.09	6.768		
11,200.00	6,999.00	11,307.92	7,197.57	67.66	66.25	-103.12	-11.83	-3,233.92	880.06	746.82	133.25	6.605		
11,300.00	6,995.95	11,407.92	7,194.30	69.26	67.86	-103.11	-11.18	-3,333.86	879.63	743.23	136.40	6.449		
11,400.00	6,992.90	11,507.92	7,191.04	70.87	69.47	-103.11	-10.53	-3,433.81	879.20	739.63	139.57	6.299		
11,500.00	6,989.85	11,607.92	7,187.77	72.48	71.08	-103.10	-9.88	-3,533.75	878.77	736.03	142.74	6.156		
11,600.00	6,986.80	11,707.92	7,184.51	74.09	72.69	-103.09	-9.23	-3,633.70	878.34	732.42	145.91	6.020		
11,700.00	6,983.75	11,807.92	7,181.24	75.70	74.31	-103.08	-8.59	-3,733.64	877.90	728.81	149.10	5.888		
11,800.00	6,980.70	11,907.92	7,177.97	77.32	75.93	-103.07	-7.94	-3,833.58	877.47	725.19	152.28	5.762		
11,900.00	6,977.65	12,007.93	7,174.71	78.94	77.55	-103.07	-7.29	-3,933.53	877.04	721.57	155.47	5.641		
12,000.00	6,974.60	12,107.93	7,171.44	80.56	79.18	-103.06	-6.64	-4,033.47	876.61	717.94	158.67	5.525		
12,100.00	6,971.55	12,207.93	7,168.17	82.19	80.80	-103.05	-5.99	-4,133.41	876.18	714.31	161.87	5.413		
12,200.00	6,968.50	12,307.93	7,164.91	83.81	82.43	-103.04	-5.34	-4,233.36	875.75	710.68	165.07	5.305		
12,300.00	6,965.45	12,407.93	7,161.64	85.44	84.06	-103.03	-4.69	-4,333.30	875.32	707.04	168.28	5.202		
12,400.00	6,962.40	12,507.93	7,158.38	87.07	85.69	-103.03	-4.04	-4,433.24	874.88	703.40	171.49	5.102		
12,500.00	6,959.35	12,607.93	7,155.11	88.70	87.33	-103.02	-3.39	-4,533.19	874.45	699.75	174.70	5.006		
12,600.00	6,956.30	12,707.93	7,151.84	90.33	88.96	-103.01	-2.74	-4,633.13	874.02	696.11	177.91	4.913		
12,700.00	6,953.25	12,807.93	7,148.58	91.96	90.60	-103.00	-2.09	-4,733.07	873.59	692.46	181.13	4.823		
12,800.00	6,950.20	12,907.93	7,145.31	93.60	92.24	-102.99	-1.44	-4,833.02	873.16	688.80	184.36	4.736		
12,900.00	6,947.15	13,007.94	7,142.05	95.24	93.87	-102.99	-0.80	-4,932.96	872.73	685.15	187.58	4.653		
13,000.00	6,944.10	13,107.94	7,138.78	96.87	95.51	-102.98	-0.15	-5,032.90	872.30	681.49	190.81	4.572		
13,100.00	6,941.05	13,207.94	7,135.51	98.51	97.15	-102.97	0.50	-5,132.85	871.87	677.83	194.04	4.493		
13,200.00	6,938.00	13,307.94	7,132.25	100.15	98.80	-102.96	1.15	-5,232.79	871.43	674.17	197.27	4.418		
13,300.00	6,934.95	13,407.94	7,128.98	101.79	100.44	-102.95	1.80	-5,332.74	871.00	670.50	200.50	4.344		
13,400.00	6,931.90	13,507.94	7,125.72	103.43	102.08	-102.95	2.45	-5,432.68	870.57	666.83	203.74	4.273		
13,500.00	6,928.85	13,607.94	7,122.45	105.08	103.73	-102.94	3.10	-5,532.62	870.14	663.17	206.98	4.204		
13,600.00	6,925.80	13,707.94	7,119.18	106.72	105.37	-102.93	3.75	-5,632.57	869.71	659.49	210.22	4.137		
13,700.00	6,922.75	13,807.94	7,115.92	108.36	107.02	-102.92	4.40	-5,732.51	869.28	655.82	213.46	4.072		
13,800.00	6,919.70	13,907.94	7,112.65	110.01	108.67	-102.91	5.05	-5,832.45	868.85	652.15	216.70	4.009		
13,900.00	6,916.65	14,007.95	7,109.38	111.66	110.32	-102.90	5.70	-5,932.40	868.42	648.47	219.95	3.948		
14,000.00	6,913.60	14,107.95	7,106.12	113.30	111.96	-102.90	6.35	-6,032.34	867.99	644.79	223.19	3.889		
14,100.00	6,910.55	14,207.95	7,102.85	114.95	113.61	-102.89	7.00	-6,132.28	867.55	641.11	226.44	3.831		
14,200.00	6,907.50	14,307.95	7,099.59	116.60	115.26	-102.88	7.64	-6,232.23	867.12	637.43	229.69	3.775		
14,300.00	6,904.45	14,407.95	7,096.32	118.25	116.91	-102.87	8.29	-6,332.17	866.69	633.75	232.94	3.721		
14,400.00	6,901.40	14,507.95	7,093.05	119.90	118.57	-102.86	8.94	-6,432.11	866.26	630.07	236.19	3.668		
14,500.00	6,898.35	14,607.95	7,089.79	121.55	120.22	-102.86	9.59	-6,532.06	865.83	626.38	239.45	3.616		
14,600.00	6,895.30	14,707.95	7,086.52	123.20	121.87	-102.85	10.24	-6,632.00	865.40	622.70	242.70	3.566		
14,700.00	6,892.25	14,807.95	7,083.26	124.85	123.52	-102.84	10.89	-6,731.95	864.97	619.01	245.96	3.517		
14,800.00	6,889.20	14,907.95	7,079.99	126.50	125.18	-102.83	11.54	-6,831.89	864.54	615.32	249.22	3.469		
14,900.00	6,886.15	15,007.96	7,076.72	128.15	126.83	-102.82	12.19	-6,931.83	864.11	611.63	252.47	3.423		
15,000.00	6,883.10	15,107.96	7,073.46	129.81	128.49	-102.81	12.84	-7,031.78	863.68	607.94	255.73	3.377		
15,100.00	6,880.05	15,207.96	7,070.19	131.46	130.14	-102.81	13.49	-7,131.72	863.25	604.25	259.00	3.333		
15,200.00	6,877.00	15,307.96	7,066.93	133.11	131.80	-102.80	14.14	-7,231.66	862.81	600.56	262.26	3.290		
15,300.00	6,873.95	15,407.96	7,063.66	134.77	133.45	-102.79	14.79	-7,331.61	862.38	596.86	265.52	3.248		
15,400.00	6,870.90	15,492.04	7,060.39	136.42	134.85	-102.78	15.43	-7,431.55	861.95	593.43	268.52	3.210		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	6,867.85	15,592.04	7,057.13	138.08	136.50	-102.77	16.08	-7,531.49	861.52	589.73	271.79	3.170	
15,545.95	6,866.44	15,637.99	7,055.63	138.84	137.26	-102.77	16.38	-7,577.42	861.32	588.04	273.29	3.152 SF	
15,562.16	6,865.95	15,634.69	7,055.73	139.11	137.21	-102.77	16.36	-7,574.12	861.48	588.17	273.31	3.152	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	-89.65	0.73	-119.72	119.72				
100.00	100.00	101.00	99.00	3.28	3.28	-89.65	0.73	-119.72	119.72	112.19	7.53	15.901	
200.00	200.00	199.00	199.00	3.31	3.30	-89.65	0.73	-119.72	119.72	112.14	7.57	15.807	
200.00	200.00	199.00	199.00	3.31	3.30	-89.65	0.73	-119.72	119.72	112.14	7.57	15.807 CC, ES	
300.00	300.00	299.37	299.35	3.35	3.35	-144.09	-0.98	-119.70	120.06	112.40	7.66	15.680	
400.00	399.93	403.61	403.52	3.42	3.41	-146.54	-4.02	-117.48	120.89	113.10	7.78	15.535	
500.00	499.68	507.79	507.49	3.51	3.50	-149.82	-6.65	-111.49	121.29	113.34	7.94	15.266	
600.00	599.13	611.84	611.05	3.62	3.62	-153.94	-8.88	-101.76	121.55	113.41	8.15	14.922	
700.00	698.15	715.71	714.02	3.76	3.77	-158.90	-10.69	-88.32	122.07	113.68	8.39	14.548	
800.00	796.63	818.13	815.05	3.94	3.95	-164.56	-12.10	-71.57	123.41	114.72	8.69	14.202	
900.00	894.53	917.23	912.65	4.15	4.16	-170.25	-13.36	-54.44	128.04	118.97	9.06	14.128	
1,000.00	992.33	1,016.29	1,010.21	4.40	4.38	-175.53	-14.62	-37.32	134.31	124.83	9.48	14.171	
1,100.00	1,090.13	1,115.35	1,107.78	4.68	4.64	179.70	-15.87	-20.20	141.62	131.69	9.94	14.255	
1,200.00	1,187.94	1,214.41	1,205.34	4.97	4.90	175.41	-17.13	-3.08	149.83	139.40	10.43	14.364	
1,300.00	1,285.74	1,313.48	1,302.90	5.28	5.19	171.59	-18.39	14.04	158.79	147.83	10.96	14.486	
1,400.00	1,383.54	1,412.54	1,400.47	5.60	5.48	168.18	-19.65	31.16	168.38	156.86	11.52	14.615	
1,500.00	1,481.35	1,511.60	1,498.03	5.94	5.79	165.14	-20.90	48.29	178.51	166.40	12.11	14.742	
1,600.00	1,579.15	1,610.66	1,595.59	6.29	6.10	162.44	-22.16	65.41	189.08	176.36	12.72	14.866	
1,700.00	1,676.96	1,709.72	1,693.16	6.64	6.42	160.02	-23.42	82.53	200.02	186.67	13.35	14.984	
1,800.00	1,774.76	1,808.79	1,790.72	7.01	6.74	157.86	-24.67	99.65	211.28	197.30	13.98	15.110	
1,900.00	1,872.56	1,907.85	1,888.28	7.21	6.91	155.92	-25.93	116.77	222.81	208.85	13.96	15.956	
2,000.00	1,970.37	2,006.91	1,985.85	7.26	6.95	154.16	-27.19	133.90	234.57	220.51	14.06	16.682	
2,100.00	2,068.17	2,105.97	2,083.41	7.32	7.00	152.58	-28.45	151.02	246.53	232.33	14.19	17.371	
2,200.00	2,165.98	2,205.04	2,180.97	7.41	7.08	151.14	-29.70	168.14	258.65	244.30	14.35	18.021	
2,300.00	2,263.78	2,304.10	2,278.54	7.51	7.16	149.84	-30.96	185.26	270.92	256.38	14.55	18.626	
2,400.00	2,361.58	2,403.16	2,376.10	7.62	7.27	148.64	-32.22	202.38	283.32	268.55	14.77	19.186	
2,500.00	2,459.39	2,502.22	2,473.66	7.75	7.38	147.55	-33.48	219.50	295.83	280.81	15.02	19.700	
2,600.00	2,557.19	2,601.29	2,571.23	7.90	7.51	146.54	-34.73	236.63	308.44	293.14	15.29	20.167	
2,700.00	2,654.99	2,700.35	2,668.79	8.05	7.66	145.62	-35.99	253.75	321.13	305.53	15.60	20.588	
2,800.00	2,752.80	2,800.59	2,766.35	8.22	7.81	144.76	-37.25	270.87	333.90	317.97	15.93	20.964	
2,900.00	2,850.60	2,901.53	2,863.92	8.41	7.99	143.97	-38.51	287.99	346.74	330.46	16.28	21.297	
3,000.00	2,948.41	3,002.46	2,961.48	8.60	8.17	143.23	-39.76	305.11	359.64	342.98	16.66	21.591	
3,100.00	3,046.21	3,103.40	3,059.04	8.80	8.36	142.55	-41.02	322.24	372.59	355.54	17.05	21.848	
3,200.00	3,144.01	3,204.34	3,156.61	9.02	8.56	141.91	-42.28	339.36	385.59	368.12	17.47	22.073	
3,300.00	3,241.82	3,305.28	3,254.17	9.24	8.77	141.31	-43.54	356.48	398.64	380.74	17.90	22.267	
3,400.00	3,339.62	3,406.22	3,351.73	9.47	8.99	140.75	-44.79	373.60	411.72	393.37	18.35	22.435	
3,500.00	3,437.43	3,507.15	3,449.30	9.71	9.22	140.23	-46.05	390.72	424.85	406.03	18.82	22.578	
3,600.00	3,535.23	3,608.09	3,546.86	9.96	9.45	139.73	-47.31	407.84	438.00	418.71	19.30	22.698	
3,700.00	3,633.03	3,709.03	3,644.42	10.21	9.69	139.27	-48.57	424.97	451.19	431.40	19.79	22.800	
3,800.00	3,730.84	3,809.97	3,741.99	10.47	9.94	138.83	-49.82	442.09	464.40	444.11	20.29	22.884	
3,900.00	3,828.64	3,889.10	3,839.55	10.74	10.14	138.42	-51.08	459.21	477.64	456.88	20.75	23.014	
4,000.00	3,926.44	3,988.16	3,937.11	11.01	10.39	138.03	-52.34	476.33	490.90	469.63	21.27	23.074	
4,100.00	4,024.25	4,087.22	4,034.68	11.28	10.64	137.65	-53.60	493.45	504.18	482.38	21.80	23.123	
4,200.00	4,122.05	4,186.28	4,132.24	11.56	10.91	137.30	-54.85	510.58	517.49	495.14	22.34	23.160	
4,300.00	4,219.86	4,285.35	4,229.80	11.85	11.17	136.97	-56.11	527.70	530.81	507.92	22.89	23.188	
4,400.00	4,317.66	4,384.41	4,327.37	12.14	11.44	136.65	-57.37	544.82	544.14	520.70	23.45	23.209	
4,500.00	4,415.46	4,483.47	4,424.93	12.43	11.72	136.35	-58.63	561.94	557.50	533.49	24.01	23.221	
4,600.00	4,513.27	4,582.53	4,522.49	12.72	11.99	136.06	-59.88	579.06	570.87	546.29	24.58	23.228	
4,700.00	4,611.07	4,681.60	4,620.06	13.02	12.27	135.78	-61.14	596.18	584.25	559.10	25.15	23.229	
4,800.00	4,708.88	4,780.66	4,717.62	13.32	12.55	135.52	-62.40	613.31	597.64	571.91	25.73	23.225	
4,900.00	4,806.68	4,879.72	4,815.18	13.63	12.84	135.27	-63.66	630.43	611.05	584.73	26.32	23.217	
5,000.00	4,904.48	4,978.78	4,912.75	13.94	13.13	135.03	-64.91	647.55	624.47	597.56	26.91	23.206	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,002.29	5,077.84	5,010.31	14.25	13.42	134.80	-66.17	664.67	637.89	610.39	27.51	23.191	
5,200.00	5,100.09	5,176.91	5,107.87	14.56	13.71	134.58	-67.43	681.79	651.33	623.23	28.11	23.174	
5,300.00	5,197.90	5,275.97	5,205.44	14.87	14.01	134.36	-68.68	698.92	664.78	636.07	28.71	23.155	
5,400.00	5,295.70	5,375.03	5,303.00	15.19	14.30	134.16	-69.94	716.04	678.23	648.92	29.32	23.133	
5,500.00	5,393.50	5,474.09	5,400.56	15.51	14.60	133.96	-71.20	733.16	691.70	661.77	29.93	23.110	
5,600.00	5,491.31	5,573.16	5,498.13	15.83	14.90	133.78	-72.46	750.28	705.17	674.62	30.55	23.085	
5,700.00	5,589.11	5,672.22	5,595.69	16.15	15.21	133.59	-73.71	767.40	718.65	687.48	31.16	23.060	
5,800.00	5,686.91	5,771.28	5,693.25	16.47	15.51	133.42	-74.97	784.53	732.13	700.35	31.79	23.033	
5,900.00	5,784.72	5,870.34	5,790.82	16.80	15.82	133.25	-76.23	801.65	745.62	713.21	32.41	23.005	
6,000.00	5,882.52	5,969.41	5,888.38	17.12	16.12	133.09	-77.49	818.77	759.12	726.08	33.04	22.977	
6,100.00	5,980.33	6,068.47	5,985.94	17.45	16.43	132.93	-78.74	835.89	772.62	738.96	33.67	22.949	
6,200.00	6,078.13	6,167.53	6,083.51	17.78	16.74	132.78	-80.00	853.01	786.13	751.83	34.30	22.919	
6,300.00	6,175.93	6,266.59	6,181.07	18.11	17.05	132.63	-81.26	870.13	799.65	764.71	34.93	22.890	
6,400.00	6,273.74	6,365.66	6,278.63	18.44	17.36	132.49	-82.52	887.26	813.17	777.59	35.57	22.860	
6,499.99	6,371.53	6,464.71	6,376.19	18.77	17.67	132.36	-83.77	904.38	826.69	790.48	36.21	22.831	
6,600.00	6,470.24	6,551.02	6,461.88	19.03	17.86	-178.79	-84.92	914.10	840.24	803.61	36.63	22.941	
6,700.00	6,569.10	6,636.99	6,547.76	19.19	17.98	-124.45	-86.14	912.20	853.77	816.88	36.89	23.143	
6,800.00	6,665.69	6,723.53	6,633.14	19.30	18.04	-105.69	-87.44	898.62	867.00	829.95	37.05	23.398	
6,900.00	6,757.63	6,810.91	6,716.69	19.34	18.07	-98.04	-88.80	873.31	879.66	842.52	37.13	23.689	
7,000.00	6,842.65	6,899.43	6,796.99	19.33	18.06	-94.08	-90.19	836.24	891.49	854.33	37.16	23.994	
7,100.00	6,918.67	6,989.38	6,872.52	19.30	18.03	-91.80	-91.60	787.55	902.26	865.10	37.16	24.283	
7,200.00	6,983.80	7,081.06	6,941.66	19.25	18.01	-90.50	-93.00	727.49	911.77	874.59	37.19	24.520	
7,300.00	7,036.46	7,174.74	7,002.66	19.23	18.00	-89.86	-94.36	656.51	919.84	882.55	37.30	24.662	
7,400.00	7,075.33	7,270.71	7,053.66	19.26	18.05	-89.73	-95.64	575.33	926.31	888.76	37.55	24.671	
7,500.00	7,099.46	7,369.18	7,092.71	19.40	18.18	-90.01	-96.83	485.05	931.04	893.06	37.97	24.519	
7,600.00	7,108.27	7,470.36	7,117.86	19.68	18.41	-90.66	-97.87	387.16	933.90	895.31	38.60	24.196	
7,700.00	7,105.75	7,574.69	7,127.23	20.11	18.75	-91.36	-98.73	283.37	935.26	895.83	39.44	23.716	
7,800.00	7,102.70	7,675.99	7,124.79	20.71	19.21	-91.40	-99.40	182.11	936.20	895.70	40.50	23.118	
7,900.00	7,099.65	7,775.98	7,121.98	21.43	19.79	-91.41	-100.07	82.16	937.12	895.34	41.78	22.427	
8,000.00	7,096.60	7,875.98	7,119.16	22.26	20.49	-91.42	-100.73	-17.80	938.05	894.75	43.30	21.665	
8,100.00	7,093.55	7,975.97	7,116.34	23.18	21.30	-91.44	-101.39	-117.75	938.97	893.96	45.01	20.861	
8,200.00	7,090.50	8,075.97	7,113.52	24.18	22.21	-91.45	-102.05	-217.70	939.89	892.99	46.90	20.039	
8,300.00	7,087.45	8,175.96	7,110.71	25.24	23.21	-91.46	-102.71	-317.66	940.82	891.86	48.95	19.219	
8,400.00	7,084.40	8,275.96	7,107.89	26.37	24.28	-91.47	-103.37	-417.61	941.74	890.60	51.14	18.414	
8,500.00	7,081.35	8,375.96	7,105.07	27.55	25.42	-91.49	-104.03	-517.57	942.66	889.21	53.45	17.636	
8,600.00	7,078.30	8,475.95	7,102.25	28.78	26.61	-91.50	-104.69	-617.52	943.58	887.72	55.87	16.890	
8,700.00	7,075.25	8,575.95	7,099.43	30.05	27.86	-91.51	-105.35	-717.47	944.51	886.13	58.38	16.179	
8,800.00	7,072.20	8,675.94	7,096.62	31.36	29.14	-91.53	-106.01	-817.43	945.43	884.46	60.97	15.507	
8,900.00	7,069.15	8,775.94	7,093.80	32.70	30.47	-91.54	-106.67	-917.38	946.35	882.73	63.63	14.873	
9,000.00	7,066.10	8,875.93	7,090.98	34.07	31.82	-91.55	-107.33	-1,017.33	947.28	880.92	66.35	14.277	
9,100.00	7,063.05	8,975.93	7,088.16	35.46	33.21	-91.56	-107.99	-1,117.29	948.20	879.07	69.13	13.716	
9,200.00	7,060.00	9,075.92	7,085.35	36.87	34.62	-91.58	-108.65	-1,217.24	949.12	877.17	71.96	13.190	
9,300.00	7,056.95	9,175.92	7,082.53	38.31	36.05	-91.59	-109.32	-1,317.19	950.05	875.22	74.83	12.696	
9,400.00	7,053.90	9,275.92	7,079.71	39.76	37.51	-91.60	-109.98	-1,417.15	950.97	873.23	77.74	12.233	
9,500.00	7,050.85	9,375.91	7,076.89	41.23	38.98	-91.61	-110.64	-1,517.10	951.89	871.21	80.68	11.798	
9,600.00	7,047.80	9,475.91	7,074.07	42.72	40.46	-91.62	-111.30	-1,617.06	952.82	869.16	83.65	11.390	
9,700.00	7,044.75	9,575.90	7,071.26	44.22	41.96	-91.64	-111.96	-1,717.01	953.74	867.09	86.65	11.006	
9,800.00	7,041.70	9,675.90	7,068.44	45.73	43.47	-91.65	-112.62	-1,816.96	954.66	864.99	89.68	10.646	
9,900.00	7,038.65	9,775.89	7,065.62	47.25	45.00	-91.66	-113.28	-1,916.92	955.59	862.86	92.72	10.306	
10,000.00	7,035.60	9,875.89	7,062.80	48.78	46.53	-91.67	-113.94	-2,016.87	956.51	860.72	95.79	9.985	
10,100.00	7,032.55	9,975.88	7,059.99	50.32	48.08	-91.69	-114.60	-2,116.82	957.44	858.56	98.88	9.683	
10,200.00	7,029.50	10,075.88	7,057.17	51.86	49.63	-91.70	-115.26	-2,216.78	958.36	856.38	101.98	9.398	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,026.45	10,175.87	7,054.35	53.42	51.19	-91.71	-115.92	-2,316.73	959.28	854.19	105.09	9.128		
10,400.00	7,023.40	10,275.87	7,051.53	54.98	52.75	-91.72	-116.58	-2,416.68	960.21	851.98	108.22	8.873		
10,500.00	7,020.35	10,375.87	7,048.72	56.55	54.32	-91.74	-117.24	-2,516.64	961.13	849.77	111.36	8.630		
10,600.00	7,017.30	10,475.86	7,045.90	58.12	55.90	-91.75	-117.90	-2,616.59	962.05	847.54	114.52	8.401		
10,700.00	7,014.25	10,575.86	7,043.08	59.70	57.49	-91.76	-118.57	-2,716.55	962.98	845.30	117.68	8.183		
10,800.00	7,011.20	10,675.85	7,040.26	61.28	59.07	-91.77	-119.23	-2,816.50	963.90	843.05	120.86	7.976		
10,900.00	7,008.15	10,775.85	7,037.44	62.87	60.67	-91.78	-119.89	-2,916.45	964.83	840.79	124.04	7.778		
11,000.00	7,005.10	10,875.84	7,034.63	64.46	62.26	-91.80	-120.55	-3,016.41	965.75	838.52	127.23	7.591		
11,100.00	7,002.05	10,975.84	7,031.81	66.06	63.86	-91.81	-121.21	-3,116.36	966.67	836.25	130.43	7.411		
11,200.00	6,999.00	11,075.83	7,028.99	67.66	65.47	-91.82	-121.87	-3,216.31	967.60	833.96	133.64	7.241		
11,300.00	6,995.95	11,175.83	7,026.17	69.26	67.07	-91.83	-122.53	-3,316.27	968.52	831.68	136.85	7.077		
11,400.00	6,992.90	11,275.83	7,023.36	70.87	68.68	-91.84	-123.19	-3,416.22	969.45	829.38	140.07	6.921		
11,500.00	6,989.85	11,375.82	7,020.54	72.48	70.30	-91.86	-123.85	-3,516.17	970.37	827.08	143.29	6.772		
11,600.00	6,986.80	11,475.82	7,017.72	74.09	71.91	-91.87	-124.51	-3,616.13	971.30	824.78	146.52	6.629		
11,700.00	6,983.75	11,575.81	7,014.90	75.70	73.53	-91.88	-125.17	-3,716.08	972.22	822.47	149.76	6.492		
11,800.00	6,980.70	11,675.81	7,012.09	77.32	75.15	-91.89	-125.83	-3,816.04	973.14	820.15	152.99	6.361		
11,900.00	6,977.65	11,775.80	7,009.27	78.94	76.78	-91.90	-126.49	-3,915.99	974.07	817.83	156.24	6.235		
12,000.00	6,974.60	11,875.80	7,006.45	80.56	78.40	-91.92	-127.15	-4,015.94	974.99	815.51	159.49	6.113		
12,100.00	6,971.55	11,975.79	7,003.63	82.19	80.03	-91.93	-127.82	-4,115.90	975.92	813.18	162.74	5.997		
12,200.00	6,968.50	12,075.79	7,000.81	83.81	81.66	-91.94	-128.48	-4,215.85	976.84	810.85	165.99	5.885		
12,300.00	6,965.45	12,175.79	6,998.00	85.44	83.29	-91.95	-129.14	-4,315.80	977.77	808.52	169.25	5.777		
12,400.00	6,962.40	12,275.78	6,995.18	87.07	84.92	-91.96	-129.80	-4,415.76	978.69	806.18	172.51	5.673		
12,500.00	6,959.35	12,375.78	6,992.36	88.70	86.55	-91.97	-130.46	-4,515.71	979.62	803.84	175.78	5.573		
12,600.00	6,956.30	12,475.77	6,989.54	90.33	88.19	-91.99	-131.12	-4,615.66	980.54	801.50	179.05	5.476		
12,700.00	6,953.25	12,575.77	6,986.73	91.96	89.82	-92.00	-131.78	-4,715.62	981.47	799.15	182.32	5.383		
12,800.00	6,950.20	12,675.76	6,983.91	93.60	91.46	-92.01	-132.44	-4,815.57	982.39	796.80	185.59	5.293		
12,900.00	6,947.15	12,775.76	6,981.09	95.24	93.10	-92.02	-133.10	-4,915.53	983.32	794.45	188.87	5.206		
13,000.00	6,944.10	12,875.75	6,978.27	96.87	94.74	-92.03	-133.76	-5,015.48	984.24	792.10	192.14	5.122		
13,100.00	6,941.05	12,975.75	6,975.46	98.51	96.38	-92.04	-134.42	-5,115.43	985.17	789.74	195.42	5.041		
13,200.00	6,938.00	13,075.75	6,972.64	100.15	98.02	-92.06	-135.08	-5,215.39	986.09	787.39	198.71	4.963		
13,300.00	6,934.95	13,175.74	6,969.82	101.79	99.66	-92.07	-135.74	-5,315.34	987.02	785.03	201.99	4.886		
13,400.00	6,931.90	13,275.74	6,967.00	103.43	101.31	-92.08	-136.40	-5,415.29	987.94	782.67	205.28	4.813		
13,500.00	6,928.85	13,375.73	6,964.18	105.08	102.95	-92.09	-137.07	-5,515.25	988.87	780.30	208.56	4.741		
13,600.00	6,925.80	13,475.73	6,961.37	106.72	104.60	-92.10	-137.73	-5,615.20	989.79	777.94	211.85	4.672		
13,700.00	6,922.75	13,575.72	6,958.55	108.36	106.24	-92.11	-138.39	-5,715.15	990.72	775.57	215.14	4.605		
13,800.00	6,919.70	13,675.72	6,955.73	110.01	107.89	-92.13	-139.05	-5,815.11	991.64	773.20	218.44	4.540		
13,900.00	6,916.65	13,775.71	6,952.91	111.66	109.54	-92.14	-139.71	-5,915.06	992.57	770.84	221.73	4.476		
14,000.00	6,913.60	13,875.71	6,950.10	113.30	111.19	-92.15	-140.37	-6,015.02	993.49	768.47	225.03	4.415		
14,100.00	6,910.55	13,975.70	6,947.28	114.95	112.84	-92.16	-141.03	-6,114.97	994.42	766.09	228.32	4.355		
14,200.00	6,907.50	14,075.70	6,944.46	116.60	114.49	-92.17	-141.69	-6,214.92	995.34	763.72	231.62	4.297		
14,300.00	6,904.45	14,175.70	6,941.64	118.25	116.14	-92.18	-142.35	-6,314.88	996.27	761.35	234.92	4.241		
14,400.00	6,901.40	14,275.69	6,938.83	119.90	117.79	-92.19	-143.01	-6,414.83	997.19	758.97	238.22	4.186		
14,500.00	6,898.35	14,375.69	6,936.01	121.55	119.44	-92.20	-143.67	-6,514.78	998.12	756.60	241.52	4.133		
14,600.00	6,895.30	14,475.68	6,933.19	123.20	121.09	-92.22	-144.33	-6,614.74	999.05	754.22	244.83	4.081		
14,700.00	6,892.25	14,575.68	6,930.37	124.85	122.75	-92.23	-144.99	-6,714.69	999.97	751.84	248.13	4.030		
14,800.00	6,889.20	14,675.67	6,927.55	126.50	124.40	-92.24	-145.65	-6,814.64	1,000.90	749.46	251.44	3.981		
14,900.00	6,886.15	14,775.67	6,924.74	128.15	126.05	-92.25	-146.32	-6,914.60	1,001.82	747.08	254.74	3.933		
15,000.00	6,883.10	14,875.66	6,921.92	129.81	127.71	-92.26	-146.98	-7,014.55	1,002.75	744.70	258.05	3.886		
15,100.00	6,880.05	14,975.66	6,919.10	131.46	129.36	-92.27	-147.64	-7,114.51	1,003.67	742.32	261.36	3.840		
15,200.00	6,877.00	15,075.66	6,916.28	133.11	131.02	-92.28	-148.30	-7,214.46	1,004.60	739.94	264.66	3.796		
15,300.00	6,873.95	15,175.65	6,913.47	134.77	132.67	-92.29	-148.96	-7,314.41	1,005.53	737.55	267.97	3.752		
15,400.00	6,870.90	15,275.65	6,910.65	136.42	134.33	-92.31	-149.62	-7,414.37	1,006.45	735.17	271.28	3.710		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,500.00	6,867.85	15,375.64	6,907.83	138.08	135.98	-92.32	-150.28	-7,514.32	1,007.38	732.78	274.59	3.669	
15,562.16	6,865.95	15,434.13	6,906.18	139.11	136.95	-92.32	-150.67	-7,572.79	1,007.96	731.39	276.57	3.645 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	1.00	-1.00	3.28	3.28	-89.55	1.09	-139.76	139.77				
100.00	100.00	101.00	99.00	3.28	3.28	-89.55	1.09	-139.76	139.77	132.24	7.53	18.564	
200.00	200.00	201.00	199.00	3.31	3.31	-89.55	1.09	-139.76	139.77	132.19	7.57	18.453	
300.00	300.00	301.34	301.33	3.35	3.35	-143.23	0.93	-139.33	139.71	132.04	7.66	18.236	
400.00	399.93	406.01	405.93	3.42	3.41	-144.70	-0.45	-135.81	139.17	131.39	7.78	17.886	
500.00	499.68	510.39	510.03	3.51	3.50	-147.66	-3.21	-128.75	138.32	130.38	7.94	17.419	
600.00	599.13	614.30	613.32	3.62	3.62	-152.10	-7.33	-118.22	137.70	129.55	8.14	16.907	
623.38	622.33	638.51	637.32	3.65	3.65	-153.35	-8.48	-115.26	137.66	129.46	8.20	16.789	CC, ES
700.00	698.15	717.55	715.47	3.76	3.78	-157.98	-12.77	-104.31	138.10	129.70	8.40	16.442	
800.00	796.63	818.14	814.50	3.94	3.97	-164.83	-19.21	-87.83	140.87	132.15	8.73	16.141	
900.00	894.53	916.39	911.13	4.15	4.18	-171.52	-25.66	-71.31	148.29	139.16	9.13	16.247	
1,000.00	992.33	1,014.59	1,007.72	4.40	4.42	-177.53	-32.12	-54.80	158.02	148.45	9.57	16.513	
1,100.00	1,090.13	1,112.79	1,104.30	4.68	4.68	177.19	-38.57	-38.29	169.32	159.26	10.05	16.840	
1,200.00	1,187.94	1,210.99	1,200.89	4.97	4.96	172.60	-45.02	-21.78	181.87	171.30	10.58	17.197	
1,300.00	1,285.74	1,309.19	1,297.48	5.28	5.26	168.60	-51.48	-5.27	195.45	184.32	11.13	17.562	
1,400.00	1,383.54	1,407.38	1,394.06	5.60	5.57	165.13	-57.93	11.24	209.86	198.15	11.71	17.921	
1,500.00	1,481.35	1,505.58	1,490.65	5.94	5.88	162.11	-64.39	27.75	224.93	212.61	12.31	18.266	
1,600.00	1,579.15	1,603.78	1,587.23	6.29	6.21	159.48	-70.84	44.26	240.54	227.60	12.94	18.592	
1,700.00	1,676.96	1,701.98	1,683.82	6.64	6.54	157.16	-77.29	60.77	256.59	243.01	13.58	18.897	
1,800.00	1,774.76	1,800.18	1,780.41	7.01	6.88	155.12	-83.75	77.28	273.00	258.77	14.23	19.180	
1,900.00	1,872.56	1,901.62	1,876.99	7.21	7.07	153.30	-90.20	93.79	289.72	275.49	14.23	20.358	
2,000.00	1,970.37	2,003.42	1,973.58	7.26	7.11	151.69	-96.65	110.30	306.69	292.37	14.32	21.414	
2,100.00	2,068.17	2,105.22	2,070.16	7.32	7.18	150.25	-103.11	126.81	323.87	309.43	14.45	22.418	
2,200.00	2,165.98	2,207.02	2,166.75	7.41	7.25	148.95	-109.56	143.32	341.24	326.63	14.60	23.366	
2,300.00	2,263.78	2,308.82	2,263.34	7.51	7.35	147.77	-116.02	159.83	358.75	343.96	14.79	24.253	
2,400.00	2,361.58	2,389.38	2,359.92	7.62	7.43	146.71	-122.47	176.34	376.40	361.42	14.99	25.115	
2,500.00	2,459.39	2,487.58	2,456.51	7.75	7.55	145.74	-128.92	192.85	394.17	378.94	15.23	25.884	
2,600.00	2,557.19	2,585.77	2,553.09	7.90	7.68	144.85	-135.38	209.36	412.04	396.54	15.50	26.588	
2,700.00	2,654.99	2,683.97	2,649.68	8.05	7.83	144.04	-141.83	225.87	429.99	414.20	15.79	27.230	
2,800.00	2,752.80	2,782.17	2,746.27	8.22	7.99	143.30	-148.28	242.38	448.02	431.91	16.11	27.810	
2,900.00	2,850.60	2,880.37	2,842.85	8.41	8.16	142.61	-154.74	258.89	466.12	449.67	16.45	28.333	
3,000.00	2,948.41	2,978.57	2,939.44	8.60	8.33	141.97	-161.19	275.40	484.28	467.47	16.82	28.800	
3,100.00	3,046.21	3,076.77	3,036.02	8.80	8.52	141.38	-167.65	291.91	502.50	485.30	17.20	29.217	
3,200.00	3,144.01	3,174.97	3,132.61	9.02	8.72	140.83	-174.10	308.42	520.76	503.16	17.60	29.586	
3,300.00	3,241.82	3,273.17	3,229.20	9.24	8.93	140.31	-180.55	324.93	539.06	521.04	18.02	29.912	
3,400.00	3,339.62	3,371.37	3,325.78	9.47	9.15	139.83	-187.01	341.44	557.41	538.95	18.46	30.198	
3,500.00	3,437.43	3,469.57	3,422.37	9.71	9.37	139.38	-193.46	357.95	575.79	556.88	18.91	30.448	
3,600.00	3,535.23	3,567.77	3,518.95	9.96	9.61	138.96	-199.91	374.46	594.20	574.82	19.38	30.666	
3,700.00	3,633.03	3,665.97	3,615.54	10.21	9.84	138.57	-206.37	390.97	612.64	592.79	19.86	30.855	
3,800.00	3,730.84	3,764.17	3,712.13	10.47	10.09	138.19	-212.82	407.48	631.11	610.76	20.35	31.017	
3,900.00	3,828.64	3,862.36	3,808.71	10.74	10.34	137.84	-219.28	423.99	649.60	628.75	20.85	31.156	
4,000.00	3,926.44	3,960.56	3,905.30	11.01	10.59	137.51	-225.73	440.50	668.12	646.75	21.36	31.274	
4,100.00	4,024.25	4,058.76	4,001.88	11.28	10.86	137.20	-232.18	457.01	686.65	664.77	21.89	31.373	
4,200.00	4,122.05	4,156.96	4,098.47	11.56	11.12	136.90	-238.64	473.52	705.21	682.79	22.42	31.456	
4,300.00	4,219.86	4,255.16	4,195.05	11.85	11.39	136.62	-245.09	490.03	723.78	700.82	22.96	31.524	
4,400.00	4,317.66	4,353.36	4,291.64	12.14	11.66	136.35	-251.55	506.54	742.37	718.86	23.51	31.579	
4,500.00	4,415.46	4,451.56	4,388.23	12.43	11.94	136.09	-258.00	523.06	760.97	736.91	24.06	31.623	
4,600.00	4,513.27	4,549.76	4,484.81	12.72	12.22	135.85	-264.45	539.57	779.59	754.96	24.63	31.656	
4,700.00	4,611.07	4,647.96	4,581.40	13.02	12.51	135.62	-270.91	556.08	798.22	773.02	25.20	31.681	
4,800.00	4,708.88	4,746.16	4,677.98	13.32	12.79	135.40	-277.36	572.59	816.86	791.09	25.77	31.698	
4,900.00	4,806.68	4,844.36	4,774.57	13.63	13.08	135.18	-283.81	589.10	835.51	809.16	26.35	31.707	
5,000.00	4,904.48	4,942.56	4,871.16	13.94	13.38	134.98	-290.27	605.61	854.18	827.24	26.94	31.711	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,002.29	5,040.76	4,967.74	14.25	13.67	134.79	-296.72	622.12	872.85	845.32	27.53	31.709		
5,200.00	5,100.09	5,138.95	5,064.33	14.56	13.97	134.60	-303.18	638.63	891.53	863.41	28.12	31.703		
5,300.00	5,197.90	5,237.15	5,160.91	14.87	14.27	134.43	-309.63	655.14	910.22	881.50	28.72	31.692		
5,400.00	5,295.70	5,335.35	5,257.50	15.19	14.57	134.25	-316.08	671.65	928.92	899.60	29.32	31.678		
5,500.00	5,393.50	5,433.55	5,354.09	15.51	14.87	134.09	-322.54	688.16	947.63	917.70	29.93	31.660		
5,600.00	5,491.31	5,531.75	5,450.67	15.83	15.18	133.93	-328.99	704.67	966.35	935.80	30.54	31.640		
5,700.00	5,589.11	5,629.95	5,547.26	16.15	15.49	133.78	-335.44	721.18	985.07	953.91	31.16	31.618		
5,800.00	5,686.91	5,728.15	5,643.84	16.47	15.80	133.64	-341.90	737.69	1,003.79	972.02	31.77	31.593		
5,900.00	5,784.72	5,826.35	5,740.43	16.80	16.11	133.50	-348.35	754.20	1,022.53	990.14	32.39	31.567		
6,000.00	5,882.52	5,924.55	5,837.02	17.12	16.42	133.36	-354.81	770.71	1,041.27	1,008.25	33.02	31.539		
6,100.00	5,980.33	6,022.75	5,933.60	17.45	16.73	133.23	-361.26	787.22	1,060.01	1,026.37	33.64	31.510		
6,200.00	6,078.13	6,120.95	6,030.19	17.78	17.04	133.10	-367.71	803.73	1,078.76	1,044.49	34.27	31.480		
6,300.00	6,175.93	6,219.15	6,126.77	18.11	17.36	132.98	-374.17	820.24	1,097.52	1,062.62	34.90	31.449		
6,400.00	6,273.74	6,317.35	6,223.36	18.44	17.68	132.86	-380.62	836.75	1,116.28	1,080.75	35.53	31.417		
6,499.99	6,371.53	6,415.53	6,319.94	18.77	17.99	132.75	-387.07	853.26	1,135.04	1,098.87	36.17	31.385		
6,600.00	6,470.24	6,513.30	6,416.10	19.03	18.31	-178.25	-393.50	869.70	1,153.07	1,116.35	36.72	31.403		
6,700.00	6,569.10	6,600.77	6,502.45	19.19	18.53	-124.25	-399.22	882.15	1,169.89	1,132.79	37.09	31.538		
6,800.00	6,665.69	6,685.27	6,586.70	19.30	18.67	-105.80	-404.58	883.68	1,186.27	1,148.95	37.32	31.786		
6,900.00	6,757.63	6,772.50	6,673.11	19.34	18.76	-98.46	-409.84	873.52	1,202.01	1,164.55	37.46	32.090		
7,000.00	6,842.65	6,863.10	6,760.53	19.33	18.80	-94.80	-414.89	850.56	1,216.83	1,179.31	37.52	32.429		
7,100.00	6,918.67	6,957.80	6,847.47	19.30	18.80	-92.83	-419.63	813.56	1,230.45	1,192.90	37.55	32.771		
7,200.00	6,983.80	7,057.36	6,931.93	19.25	18.77	-91.84	-423.88	761.19	1,242.57	1,205.00	37.57	33.077		
7,300.00	7,036.46	7,162.59	7,011.20	19.23	18.73	-91.51	-427.46	692.26	1,252.87	1,215.23	37.64	33.289		
7,400.00	7,075.33	7,274.22	7,081.71	19.26	18.70	-91.69	-430.13	605.95	1,261.02	1,223.19	37.83	33.338		
7,500.00	7,099.46	7,392.79	7,138.94	19.40	18.73	-92.27	-431.60	502.31	1,266.66	1,228.46	38.21	33.153		
7,600.00	7,108.27	7,518.44	7,177.58	19.68	18.87	-93.18	-431.56	382.96	1,269.44	1,230.60	38.84	32.680		
7,700.00	7,105.75	7,651.13	7,192.20	20.11	19.18	-93.98	-429.75	251.33	1,269.26	1,229.48	39.78	31.906		
7,800.00	7,102.70	7,756.68	7,189.75	20.71	19.60	-94.02	-427.41	145.84	1,267.34	1,226.46	40.88	31.003		
7,900.00	7,099.65	7,856.66	7,187.09	21.43	20.15	-94.04	-425.16	45.92	1,265.38	1,223.21	42.18	30.003		
8,000.00	7,096.60	7,956.64	7,184.43	22.26	20.82	-94.07	-422.92	-54.00	1,263.42	1,219.73	43.69	28.915		
8,100.00	7,093.55	8,056.62	7,181.77	23.18	21.62	-94.09	-420.67	-153.92	1,261.47	1,216.06	45.41	27.779		
8,200.00	7,090.50	8,156.60	7,179.11	24.18	22.53	-94.12	-418.43	-253.84	1,259.51	1,212.21	47.30	26.626		
8,300.00	7,087.45	8,256.58	7,176.45	25.24	23.52	-94.14	-416.18	-353.75	1,257.56	1,208.20	49.35	25.480		
8,400.00	7,084.40	8,356.56	7,173.79	26.37	24.59	-94.17	-413.94	-453.67	1,255.60	1,204.06	51.54	24.361		
8,500.00	7,081.35	8,456.54	7,171.13	27.55	25.72	-94.19	-411.69	-553.59	1,253.65	1,199.80	53.85	23.281		
8,600.00	7,078.30	8,556.52	7,168.47	28.78	26.92	-94.21	-409.45	-653.51	1,251.69	1,195.43	56.26	22.248		
8,700.00	7,075.25	8,656.50	7,165.81	30.05	28.16	-94.24	-407.21	-753.43	1,249.74	1,190.97	58.77	21.266		
8,800.00	7,072.20	8,756.48	7,163.15	31.36	29.44	-94.26	-404.96	-853.35	1,247.79	1,186.43	61.35	20.338		
8,900.00	7,069.15	8,856.46	7,160.49	32.70	30.76	-94.29	-402.72	-953.27	1,245.83	1,181.82	64.01	19.464		
9,000.00	7,066.10	8,956.44	7,157.83	34.07	32.12	-94.31	-400.47	-1,053.19	1,243.88	1,177.15	66.73	18.641		
9,100.00	7,063.05	9,056.42	7,155.17	35.46	33.50	-94.34	-398.23	-1,153.11	1,241.92	1,172.42	69.50	17.869		
9,200.00	7,060.00	9,156.40	7,152.51	36.87	34.91	-94.36	-395.98	-1,253.02	1,239.97	1,167.65	72.32	17.145		
9,300.00	7,056.95	9,256.38	7,149.85	38.31	36.35	-94.39	-393.74	-1,352.94	1,238.02	1,162.83	75.19	16.466		
9,400.00	7,053.90	9,356.36	7,147.19	39.76	37.80	-94.41	-391.49	-1,452.86	1,236.07	1,157.98	78.09	15.829		
9,500.00	7,050.85	9,456.33	7,144.53	41.23	39.27	-94.44	-389.25	-1,552.78	1,234.11	1,153.09	81.03	15.231		
9,600.00	7,047.80	9,556.31	7,141.87	42.72	40.75	-94.46	-387.01	-1,652.70	1,232.16	1,148.17	83.99	14.670		
9,700.00	7,044.75	9,656.29	7,139.21	44.22	42.25	-94.49	-384.76	-1,752.62	1,230.21	1,143.22	86.99	14.142		
9,800.00	7,041.70	9,756.27	7,136.55	45.73	43.76	-94.51	-382.52	-1,852.54	1,228.26	1,138.25	90.01	13.646		
9,900.00	7,038.65	9,856.25	7,133.89	47.25	45.29	-94.54	-380.27	-1,952.46	1,226.31	1,133.26	93.05	13.179		
10,000.00	7,035.60	9,956.23	7,131.23	48.78	46.82	-94.56	-378.03	-2,052.38	1,224.35	1,128.25	96.11	12.739		
10,100.00	7,032.55	10,056.21	7,128.57	50.32	48.36	-94.59	-375.78	-2,152.29	1,222.40	1,123.22	99.19	12.324		
10,200.00	7,029.50	10,156.19	7,125.91	51.86	49.91	-94.62	-373.54	-2,252.21	1,220.45	1,118.17	102.28	11.932		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,026.45	10,256.17	7,123.25	53.42	51.47	-94.64	-371.29	-2,352.13	1,218.50	1,113.11	105.39	11.562	
10,400.00	7,023.40	10,356.15	7,120.59	54.98	53.04	-94.67	-369.05	-2,452.05	1,216.55	1,108.04	108.52	11.211	
10,500.00	7,020.35	10,456.13	7,117.93	56.55	54.61	-94.69	-366.81	-2,551.97	1,214.60	1,102.95	111.65	10.878	
10,600.00	7,017.30	10,556.11	7,115.27	58.12	56.19	-94.72	-364.56	-2,651.89	1,212.65	1,097.85	114.80	10.563	
10,700.00	7,014.25	10,656.09	7,112.61	59.70	57.77	-94.74	-362.32	-2,751.81	1,210.70	1,092.74	117.96	10.264	
10,800.00	7,011.20	10,756.07	7,109.95	61.28	59.36	-94.77	-360.07	-2,851.73	1,208.75	1,087.63	121.12	9.979	
10,900.00	7,008.15	10,856.05	7,107.29	62.87	60.95	-94.80	-357.83	-2,951.65	1,206.80	1,082.50	124.30	9.709	
11,000.00	7,005.10	10,956.03	7,104.63	64.46	62.55	-94.82	-355.58	-3,051.56	1,204.85	1,077.37	127.49	9.451	
11,100.00	7,002.05	11,056.01	7,101.97	66.06	64.15	-94.85	-353.34	-3,151.48	1,202.91	1,072.23	130.68	9.205	
11,200.00	6,999.00	11,155.99	7,099.31	67.66	65.76	-94.88	-351.09	-3,251.40	1,200.96	1,067.08	133.88	8.971	
11,300.00	6,995.95	11,255.97	7,096.65	69.26	67.37	-94.90	-348.85	-3,351.32	1,199.01	1,061.93	137.08	8.747	
11,400.00	6,992.90	11,355.94	7,093.99	70.87	68.98	-94.93	-346.61	-3,451.24	1,197.06	1,056.77	140.29	8.533	
11,500.00	6,989.85	11,455.92	7,091.33	72.48	70.59	-94.96	-344.36	-3,551.16	1,195.11	1,051.60	143.51	8.328	
11,600.00	6,986.80	11,555.90	7,088.67	74.09	72.21	-94.98	-342.12	-3,651.08	1,193.17	1,046.43	146.73	8.132	
11,700.00	6,983.75	11,655.88	7,086.01	75.70	73.83	-95.01	-339.87	-3,751.00	1,191.22	1,041.26	149.96	7.944	
11,800.00	6,980.70	11,755.86	7,083.35	77.32	75.45	-95.04	-337.63	-3,850.92	1,189.27	1,036.08	153.19	7.763	
11,900.00	6,977.65	11,855.84	7,080.69	78.94	77.07	-95.06	-335.38	-3,950.83	1,187.33	1,030.90	156.43	7.590	
12,000.00	6,974.60	11,955.82	7,078.03	80.56	78.70	-95.09	-333.14	-4,050.75	1,185.38	1,025.71	159.67	7.424	
12,100.00	6,971.55	12,055.80	7,075.37	82.19	80.33	-95.12	-330.89	-4,150.67	1,183.44	1,020.52	162.91	7.264	
12,200.00	6,968.50	12,155.78	7,072.71	83.81	81.96	-95.15	-328.65	-4,250.59	1,181.49	1,015.33	166.16	7.111	
12,300.00	6,965.45	12,255.76	7,070.05	85.44	83.59	-95.17	-326.41	-4,350.51	1,179.54	1,010.13	169.41	6.963	
12,400.00	6,962.40	12,355.74	7,067.39	87.07	85.22	-95.20	-324.16	-4,450.43	1,177.60	1,004.94	172.66	6.820	
12,500.00	6,959.35	12,455.72	7,064.73	88.70	86.86	-95.23	-321.92	-4,550.35	1,175.65	999.73	175.92	6.683	
12,600.00	6,956.30	12,555.70	7,062.07	90.33	88.49	-95.26	-319.67	-4,650.27	1,173.71	994.53	179.18	6.551	
12,700.00	6,953.25	12,655.68	7,059.41	91.96	90.13	-95.28	-317.43	-4,750.19	1,171.77	989.33	182.44	6.423	
12,800.00	6,950.20	12,755.66	7,056.75	93.60	91.77	-95.31	-315.18	-4,850.10	1,169.82	984.12	185.70	6.299	
12,900.00	6,947.15	12,855.64	7,054.09	95.24	93.41	-95.34	-312.94	-4,950.02	1,167.88	978.91	188.97	6.180	
13,000.00	6,944.10	12,955.62	7,051.43	96.87	95.05	-95.37	-310.69	-5,049.94	1,165.93	973.70	192.24	6.065	
13,100.00	6,941.05	13,055.60	7,048.77	98.51	96.69	-95.40	-308.45	-5,149.86	1,163.99	968.48	195.51	5.954	
13,200.00	6,938.00	13,155.58	7,046.11	100.15	98.34	-95.43	-306.21	-5,249.78	1,162.05	963.27	198.78	5.846	
13,300.00	6,934.95	13,255.55	7,043.45	101.79	99.98	-95.45	-303.96	-5,349.70	1,160.11	958.05	202.06	5.742	
13,400.00	6,931.90	13,355.53	7,040.79	103.43	101.63	-95.48	-301.72	-5,449.62	1,158.16	952.83	205.33	5.640	
13,500.00	6,928.85	13,455.51	7,038.13	105.08	103.28	-95.51	-299.47	-5,549.54	1,156.22	947.61	208.61	5.543	
13,600.00	6,925.80	13,555.49	7,035.47	106.72	104.92	-95.54	-297.23	-5,649.45	1,154.28	942.39	211.89	5.448	
13,700.00	6,922.75	13,655.47	7,032.81	108.36	106.57	-95.57	-294.98	-5,749.37	1,152.34	937.17	215.17	5.356	
13,800.00	6,919.70	13,741.00	7,030.54	110.01	107.98	-95.59	-293.29	-5,834.85	1,150.72	932.53	218.18	5.274	
13,827.59	6,918.86	13,760.71	7,030.01	110.46	108.30	-95.60	-293.17	-5,854.55	1,150.62	931.69	218.93	5.256	
13,900.00	6,916.65	13,812.43	7,028.64	111.66	109.16	-95.60	-293.48	-5,906.26	1,151.27	930.44	220.84	5.213	
14,000.00	6,913.60	13,883.81	7,026.74	113.30	110.33	-95.61	-295.45	-5,977.58	1,154.31	930.95	223.36	5.168	
14,100.00	6,910.55	13,972.17	7,024.39	114.95	111.77	-95.60	-299.72	-6,065.81	1,159.38	933.09	226.29	5.123	
14,200.00	6,907.50	14,072.03	7,021.74	116.60	113.41	-95.60	-304.72	-6,165.51	1,164.65	935.08	229.57	5.073	
14,300.00	6,904.45	14,171.89	7,019.08	118.25	115.04	-95.59	-309.71	-6,265.21	1,169.92	937.07	232.85	5.024	
14,400.00	6,901.40	14,271.75	7,016.43	119.90	116.68	-95.58	-314.71	-6,364.91	1,175.19	939.06	236.13	4.977	
14,500.00	6,898.35	14,371.61	7,013.77	121.55	118.32	-95.58	-319.70	-6,464.61	1,180.46	941.05	239.41	4.931	
14,600.00	6,895.30	14,471.47	7,011.12	123.20	119.96	-95.57	-324.69	-6,564.31	1,185.73	943.04	242.69	4.886	
14,700.00	6,892.25	14,571.33	7,008.47	124.85	121.60	-95.57	-329.69	-6,664.01	1,191.00	945.02	245.98	4.842	
14,800.00	6,889.20	14,671.20	7,005.81	126.50	123.24	-95.56	-334.68	-6,763.71	1,196.27	947.00	249.27	4.799	
14,900.00	6,886.15	14,771.06	7,003.16	128.15	124.88	-95.55	-339.68	-6,863.41	1,201.54	948.99	252.55	4.758	
15,000.00	6,883.10	14,870.92	7,000.50	129.81	126.53	-95.55	-344.67	-6,963.11	1,206.81	950.97	255.84	4.717	
15,100.00	6,880.05	14,970.78	6,997.85	131.46	128.17	-95.54	-349.67	-7,062.81	1,212.08	952.95	259.13	4.677	
15,200.00	6,877.00	15,070.64	6,995.20	133.11	129.81	-95.54	-354.66	-7,162.51	1,217.35	954.93	262.42	4.639	
15,300.00	6,873.95	15,170.50	6,992.54	134.77	131.46	-95.53	-359.65	-7,262.21	1,222.62	956.91	265.71	4.601	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 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							
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	6,870.90	15,270.36	6,989.89	136.42	133.10	-95.53	-364.65	-7,361.91	1,227.89	958.89	269.00	4.565	
15,500.00	6,867.85	15,370.22	6,987.23	138.08	134.75	-95.52	-369.64	-7,461.61	1,233.16	960.87	272.30	4.529	
15,562.16	6,865.95	15,432.30	6,985.58	139.11	135.77	-95.52	-372.75	-7,523.59	1,236.44	962.10	274.34	4.507 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	0.00	0.00	3.28	3.28	-89.82	3.67	-1,159.58	1,159.58				
100.00	100.00	100.00	100.00	3.28	3.28	-89.82	3.67	-1,159.58	1,159.58	1,152.05	7.53	154.018	
200.00	200.00	200.00	200.00	3.31	3.31	-89.82	3.67	-1,159.58	1,159.58	1,152.01	7.57	153.102	
200.00	200.00	200.00	200.00	3.31	3.31	-89.82	3.67	-1,159.58	1,159.58	1,152.01	7.57	153.102	
300.00	300.00	300.00	300.00	3.35	3.35	-143.33	3.67	-1,159.58	1,159.93	1,152.27	7.66	151.360	
400.00	399.93	400.07	399.93	3.42	3.42	-143.40	3.67	-1,159.58	1,162.73	1,154.94	7.80	149.158	
500.00	499.68	500.32	499.68	3.51	3.50	-143.53	3.67	-1,159.58	1,168.34	1,160.37	7.97	146.569	
600.00	599.13	600.87	599.13	3.62	3.61	-143.74	3.67	-1,159.58	1,176.78	1,168.59	8.19	143.687	
700.00	698.15	701.85	698.15	3.76	3.74	-144.00	3.67	-1,159.58	1,188.05	1,179.60	8.45	140.584	
800.00	796.63	803.37	796.63	3.94	3.88	-144.32	3.67	-1,159.58	1,202.20	1,193.45	8.75	137.328	
900.00	894.53	894.53	894.53	4.15	4.02	-144.77	3.67	-1,159.58	1,218.92	1,209.84	9.08	134.218	
1,000.00	992.33	1,062.19	1,062.10	4.40	4.28	-145.72	3.74	-1,154.99	1,233.52	1,223.99	9.52	129.532	
1,100.00	1,090.13	1,236.30	1,235.53	4.68	4.59	-146.68	3.96	-1,139.86	1,242.28	1,232.28	10.00	124.252	
1,200.00	1,187.94	1,411.58	1,408.86	4.97	4.96	-147.66	4.34	-1,114.02	1,245.12	1,234.61	10.51	118.492	
1,300.00	1,285.74	1,529.88	1,525.01	5.28	5.26	-148.32	4.68	-1,091.56	1,243.71	1,232.73	10.99	113.180	
1,400.00	1,383.54	1,629.12	1,622.39	5.60	5.53	-148.88	4.96	-1,072.44	1,242.24	1,230.77	11.47	108.295	
1,500.00	1,481.35	1,728.35	1,719.76	5.94	5.81	-149.45	5.24	-1,053.32	1,240.88	1,228.91	11.97	103.651	
1,600.00	1,579.15	1,827.58	1,817.14	6.29	6.07	-150.01	5.52	-1,034.20	1,239.65	1,227.36	12.28	100.915	
1,700.00	1,676.96	1,926.82	1,914.51	6.64	6.20	-150.57	5.81	-1,015.08	1,238.54	1,225.87	12.66	97.817	
1,800.00	1,774.76	2,026.05	2,011.89	7.01	6.24	-151.14	6.09	-995.96	1,237.55	1,224.57	12.97	95.398	
1,900.00	1,872.56	2,125.29	2,109.26	7.21	6.31	-151.71	6.37	-976.84	1,236.68	1,223.73	12.95	95.473	
2,000.00	1,970.37	2,224.52	2,206.63	7.26	6.39	-152.27	6.66	-957.72	1,235.93	1,222.90	13.03	94.850	
2,100.00	2,068.17	2,323.76	2,304.01	7.32	6.48	-152.84	6.94	-938.60	1,235.31	1,222.17	13.14	94.005	
2,200.00	2,165.98	2,422.99	2,401.38	7.41	6.60	-153.41	7.22	-919.48	1,234.82	1,221.53	13.28	92.956	
2,300.00	2,263.78	2,522.22	2,498.76	7.51	6.73	-153.98	7.50	-900.36	1,234.44	1,220.98	13.46	91.723	
2,400.00	2,361.58	2,621.46	2,596.13	7.62	6.88	-154.55	7.79	-881.24	1,234.19	1,220.53	13.66	90.330	
2,500.00	2,459.39	2,720.69	2,693.51	7.75	7.04	-155.11	8.07	-862.12	1,234.06	1,220.17	13.90	88.803	
2,553.21	2,511.43	2,773.49	2,745.32	7.83	7.14	-155.42	8.22	-851.95	1,234.04	1,220.01	14.03	87.931	
2,600.00	2,557.19	2,819.93	2,790.88	7.90	7.22	-155.68	8.35	-843.01	1,234.06	1,219.90	14.16	87.165	
2,700.00	2,654.99	2,919.16	2,888.26	8.05	7.41	-156.25	8.63	-823.89	1,234.18	1,219.73	14.44	85.440	
2,800.00	2,752.80	3,018.40	2,985.63	8.22	7.61	-156.82	8.92	-804.77	1,234.42	1,219.66	14.76	83.652	
2,900.00	2,850.60	3,117.63	3,083.01	8.41	7.82	-157.39	9.20	-785.65	1,234.79	1,219.70	15.09	81.821	
3,000.00	2,948.41	3,216.86	3,180.38	8.60	8.05	-157.96	9.48	-766.53	1,235.28	1,219.83	15.45	79.964	
3,100.00	3,046.21	3,316.10	3,277.75	8.80	8.28	-158.53	9.77	-747.41	1,235.89	1,220.07	15.82	78.103	
3,200.00	3,144.01	3,415.33	3,375.13	9.02	8.52	-159.09	10.05	-728.29	1,236.63	1,220.41	16.22	76.246	
3,300.00	3,241.82	3,514.57	3,472.50	9.24	8.76	-159.66	10.33	-709.17	1,237.49	1,220.86	16.63	74.405	
3,400.00	3,339.62	3,613.80	3,569.88	9.47	9.02	-160.22	10.61	-690.05	1,238.47	1,221.41	17.06	72.591	
3,500.00	3,437.43	3,713.04	3,667.25	9.71	9.28	-160.79	10.90	-670.93	1,239.57	1,222.07	17.51	70.812	
3,600.00	3,535.23	3,812.27	3,764.63	9.96	9.55	-161.35	11.18	-651.81	1,240.80	1,222.84	17.96	69.074	
3,700.00	3,633.03	3,911.50	3,862.00	10.21	9.82	-161.92	11.46	-632.69	1,242.15	1,223.71	18.43	67.381	
3,800.00	3,730.84	4,010.74	3,959.38	10.47	10.10	-162.48	11.75	-613.57	1,243.62	1,224.70	18.92	65.736	
3,900.00	3,828.64	4,109.97	4,056.75	10.74	10.38	-163.04	12.03	-594.45	1,245.21	1,225.79	19.41	64.142	
4,000.00	3,926.44	4,209.21	4,154.13	11.01	10.66	-163.59	12.31	-575.33	1,246.92	1,227.00	19.92	62.600	
4,100.00	4,024.25	4,308.44	4,251.50	11.28	10.95	-164.15	12.59	-556.21	1,248.74	1,228.31	20.43	61.111	
4,200.00	4,122.05	4,407.68	4,348.88	11.56	11.25	-164.71	12.88	-537.09	1,250.69	1,229.74	20.96	59.674	
4,300.00	4,219.86	4,506.91	4,446.25	11.85	11.55	-165.26	13.16	-517.97	1,252.76	1,231.27	21.49	58.290	
4,400.00	4,317.66	4,606.15	4,543.62	12.14	11.85	-165.81	13.44	-498.85	1,254.95	1,232.91	22.03	56.957	
4,500.00	4,415.46	4,705.38	4,641.00	12.43	12.15	-166.36	13.72	-479.73	1,257.25	1,234.67	22.58	55.674	
4,600.00	4,513.27	4,804.61	4,738.37	12.72	12.46	-166.91	14.01	-460.61	1,259.67	1,236.53	23.14	54.441	
4,700.00	4,611.07	4,903.85	4,835.75	13.02	12.76	-167.45	14.29	-441.49	1,262.21	1,238.51	23.70	53.256	
4,800.00	4,708.88	5,003.08	4,933.12	13.32	13.08	-168.00	14.57	-422.37	1,264.86	1,240.59	24.27	52.116	
4,900.00	4,806.68	5,102.32	5,030.50	13.63	13.39	-168.54	14.86	-403.25	1,267.63	1,242.78	24.84	51.022	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
5,000.00	4,904.48	5,201.55	5,127.87	13.94	13.70	-169.08	15.14	-384.13	1,270.51	1,245.08	25.43	49.970	
5,100.00	5,002.29	5,300.79	5,225.25	14.25	14.02	-169.61	15.42	-365.01	1,273.50	1,247.49	26.01	48.960	
5,200.00	5,100.09	5,400.02	5,322.62	14.56	14.34	-170.15	15.70	-345.89	1,276.61	1,250.01	26.60	47.989	
5,300.00	5,197.90	5,499.25	5,420.00	14.87	14.66	-170.68	15.99	-326.77	1,279.83	1,252.63	27.20	47.057	
5,400.00	5,295.70	5,601.51	5,517.37	15.19	14.99	-171.21	16.27	-307.65	1,283.16	1,255.35	27.81	46.145	
5,500.00	5,393.50	5,697.72	5,614.75	15.51	15.30	-171.73	16.55	-288.53	1,286.60	1,258.19	28.40	45.299	
5,600.00	5,491.31	5,803.04	5,712.12	15.83	15.65	-172.25	16.84	-269.41	1,290.15	1,261.12	29.03	44.442	
5,700.00	5,589.11	5,903.81	5,809.49	16.15	15.98	-172.77	17.12	-250.29	1,293.80	1,264.15	29.65	43.640	
5,800.00	5,686.91	6,004.57	5,906.87	16.47	16.31	-173.29	17.40	-231.18	1,297.57	1,267.30	30.27	42.869	
5,900.00	5,784.72	6,105.34	6,004.24	16.80	16.64	-173.80	17.68	-212.06	1,301.44	1,270.54	30.89	42.128	
6,000.00	5,882.52	6,206.11	6,101.62	17.12	16.98	-174.32	17.97	-192.94	1,305.41	1,273.89	31.52	41.414	
6,100.00	5,980.33	6,306.87	6,198.99	17.45	17.31	-174.82	18.25	-173.82	1,309.49	1,277.34	32.15	40.728	
6,200.00	6,078.13	6,407.64	6,296.37	17.78	17.65	-175.33	18.53	-154.70	1,313.67	1,280.89	32.79	40.067	
6,300.00	6,175.93	6,508.40	6,393.74	18.11	17.99	-175.83	18.81	-135.58	1,317.96	1,284.54	33.42	39.431	
6,400.00	6,273.74	6,609.28	6,493.26	18.44	18.31	-176.34	19.09	-116.46	1,322.33	1,288.33	34.05	38.794	
6,499.99	6,371.53	6,710.15	6,593.19	18.77	18.64	-176.85	19.37	-97.34	1,326.75	1,292.15	34.68	38.157	
6,600.00	6,470.24	6,811.02	6,696.16	19.10	18.97	-177.36	19.65	-78.22	1,331.21	1,296.01	35.31	37.520	
6,700.00	6,569.10	6,911.89	6,796.39	19.43	19.30	-177.87	19.93	-59.10	1,335.71	1,300.00	35.94	36.883	
6,800.00	6,668.00	7,012.76	6,896.62	19.76	19.63	-178.38	20.21	-39.98	1,340.25	1,304.09	36.57	36.246	
6,900.00	6,767.00	7,113.63	6,996.85	20.09	19.96	-178.89	20.49	-20.86	1,344.83	1,308.27	37.20	35.609	
7,000.00	6,866.10	7,214.50	7,097.08	20.42	20.29	-179.40	20.77	-1.74	1,349.45	1,312.50	37.83	34.972	
7,100.00	6,965.20	7,315.37	7,197.31	20.75	20.62	-179.91	21.05	17.38	1,354.11	1,316.77	38.46	34.335	
7,200.00	7,064.30	7,416.24	7,297.54	21.08	20.95	-180.42	21.33	38.26	1,358.81	1,321.07	39.09	33.698	
7,300.00	7,163.40	7,517.11	7,397.77	21.41	21.28	-180.93	21.61	59.14	1,363.55	1,325.40	39.72	33.061	
7,400.00	7,262.50	7,617.98	7,497.99	21.74	21.61	-181.44	21.89	80.02	1,368.33	1,329.77	40.35	32.424	
7,500.00	7,361.60	7,718.85	7,598.22	22.07	21.94	-181.95	22.17	100.90	1,373.15	1,334.19	40.98	31.787	
7,600.00	7,460.70	7,819.72	7,698.45	22.40	22.27	-182.46	22.45	121.78	1,377.99	1,338.61	41.61	31.150	
7,700.00	7,559.80	7,920.59	7,798.68	22.73	22.60	-182.97	22.73	142.66	1,382.87	1,343.07	42.24	30.513	
7,800.00	7,658.90	8,021.46	7,898.91	23.06	22.93	-183.48	23.01	163.54	1,387.79	1,347.57	42.87	29.876	
7,872.13	7,758.00	8,122.33	7,999.14	23.39	23.26	-183.99	23.29	184.42	1,392.75	1,352.11	43.50	29.239	
7,900.00	7,857.10	8,223.20	8,099.37	23.72	23.59	-184.50	23.57	205.30	1,397.73	1,356.69	44.13	28.602	
8,000.00	7,956.20	8,324.07	8,199.60	24.05	23.92	-185.01	23.85	226.18	1,402.75	1,361.31	44.76	27.965	
8,100.00	8,055.30	8,424.94	8,299.83	24.38	24.25	-185.52	24.13	247.06	1,407.81	1,365.97	45.39	27.328	
8,200.00	8,154.40	8,525.81	8,399.96	24.71	24.58	-186.03	24.41	267.94	1,412.91	1,370.67	46.02	26.691	
8,300.00	8,253.50	8,626.68	8,500.19	25.04	24.91	-186.54	24.69	288.82	1,418.05	1,375.41	46.65	26.054	
8,400.00	8,352.60	8,727.55	8,600.42	25.37	25.24	-187.05	24.97	309.70	1,423.23	1,380.29	47.28	25.417	
8,500.00	8,451.70	8,828.42	8,700.65	25.70	25.57	-187.56	25.25	330.58	1,428.45	1,385.19	47.91	24.780	
8,600.00	8,550.80	8,929.29	8,800.88	26.03	25.90	-188.07	25.53	351.46	1,433.71	1,390.17	48.54	24.143	
8,700.00	8,649.90	9,030.16	8,901.11	26.36	26.23	-188.58	25.81	372.34	1,439.01	1,395.21	49.17	23.506	
8,800.00	8,749.00	9,131.03	9,001.34	26.69	26.56	-189.09	26.09	393.22	1,444.35	1,400.31	49.80	22.869	
8,900.00	8,848.10	9,231.90	9,101.57	27.02	26.89	-189.60	26.37	414.10	1,449.73	1,405.45	50.43	22.232	
9,000.00	8,947.20	9,332.77	9,201.80	27.35	27.22	-190.11	26.65	434.98	1,455.15	1,410.63	51.06	21.595	
9,100.00	9,046.30	9,433.64	9,302.03	27.68	27.55	-190.62	26.93	455.86	1,460.61	1,415.87	51.69	20.958	
9,200.00	9,145.40	9,534.51	9,402.26	28.01	27.88	-191.13	27.21	476.74	1,466.11	1,421.17	52.32	20.321	
9,300.00	9,244.50	9,635.38	9,502.49	28.34	28.21	-191.64	27.49	497.62	1,471.65	1,426.51	52.95	19.684	
9,400.00	9,343.60	9,736.25	9,602.72	28.67	28.54	-192.15	27.77	518.50	1,477.23	1,431.91	53.58	19.047	
9,500.00	9,442.70	9,837.12	9,702.95	29.00	28.87	-192.66	28.05	539.38	1,482.85	1,437.37	54.21	18.410	
9,600.00	9,541.80	9,937.99	9,803.18	29.33	29.20	-193.17	28.33	560.26	1,488.51	1,442.91	54.84	17.773	
9,700.00	9,640.90	10,038.86	9,903.41	29.66	29.53	-193.68	28.61	581.14	1,494.21	1,448.51	55.47	17.136	
9,800.00	9,740.00	10,139.73	10,003.64	30.00	29.87	-194.19	28.89	602.02	1,500.00	1,454.17	56.10	16.499	
9,900.00	9,839.10	10,240.60	10,103.87	30.33	30.20	-194.70	29.17	622.90	1,505.83	1,459.87	56.73	15.862	
10,000.00	9,938.20	10,341.47	10,204.10	30.66	30.53	-195.21	29.45	643.78	1,511.71	1,465.61	57.36	15.225	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 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	
10,100.00	7,032.55	6,737.99	6,635.51	50.32	18.76	-60.69	19.52	-88.10	2,230.00	2,188.73	41.27	54.036	
10,200.00	7,029.50	6,715.74	6,613.68	51.86	18.68	-59.55	19.45	-92.39	2,321.01	2,279.76	41.25	56.264	
10,300.00	7,026.45	6,706.52	6,591.85	53.42	18.65	-58.44	19.39	-96.68	2,412.52	2,371.24	41.28	58.437	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-89.82	3.67	-1,139.53	1,139.54				
100.00	100.00	100.00	100.00	3.28	3.28	-89.82	3.67	-1,139.53	1,139.54	1,132.01	7.53	151.356	
200.00	200.00	200.00	200.00	3.31	3.31	-89.82	3.67	-1,139.53	1,139.54	1,131.96	7.57	150.456	
300.00	300.00	352.04	351.99	3.35	3.38	-143.37	3.27	-1,136.51	1,138.06	1,130.37	7.69	148.071	
400.00	399.93	516.55	516.02	3.42	3.52	-143.68	1.64	-1,124.33	1,133.45	1,125.59	7.86	144.243	
500.00	499.68	679.96	677.99	3.51	3.73	-144.26	-1.21	-1,103.01	1,126.00	1,117.91	8.09	139.104	
600.00	599.13	806.37	789.99	3.62	3.96	-144.85	-3.77	-1,083.79	1,117.50	1,109.13	8.38	133.428	
700.00	698.15	892.89	887.76	3.76	4.15	-145.47	-6.04	-1,066.81	1,111.78	1,103.13	8.65	128.513	
800.00	796.63	1,007.96	985.42	3.94	4.42	-146.15	-8.30	-1,049.85	1,109.06	1,100.04	9.02	122.907	
871.68	866.90	1,063.01	1,055.33	4.09	4.56	-146.66	-9.92	-1,037.70	1,108.63	1,099.36	9.26	119.659	
900.00	894.53	1,109.00	1,082.89	4.15	4.69	-146.88	-10.56	-1,032.91	1,109.06	1,099.65	9.41	117.804	
1,000.00	992.33	1,189.92	1,180.33	4.40	4.91	-147.63	-12.82	-1,015.99	1,109.64	1,099.85	9.80	113.273	
1,100.00	1,090.13	1,288.84	1,277.76	4.68	5.20	-148.38	-15.08	-999.06	1,110.42	1,100.17	10.25	108.382	
1,200.00	1,187.94	1,387.76	1,375.20	4.97	5.49	-149.13	-17.34	-982.14	1,111.38	1,100.66	10.72	103.684	
1,300.00	1,285.74	1,486.67	1,472.63	5.28	5.80	-149.87	-19.60	-965.21	1,112.54	1,101.32	11.22	99.197	
1,400.00	1,383.54	1,585.59	1,570.07	5.60	6.12	-150.62	-21.86	-948.29	1,113.89	1,102.16	11.73	94.959	
1,500.00	1,481.35	1,684.51	1,667.50	5.94	6.44	-151.36	-24.12	-931.36	1,115.43	1,103.17	12.26	90.975	
1,600.00	1,579.15	1,783.43	1,764.93	6.29	6.77	-152.10	-26.37	-914.44	1,117.16	1,104.36	12.81	87.242	
1,700.00	1,676.96	1,882.35	1,862.37	6.64	6.98	-152.83	-28.63	-897.51	1,119.08	1,106.00	13.08	85.566	
1,800.00	1,774.76	1,981.27	1,959.80	7.01	7.04	-153.57	-30.89	-880.59	1,121.19	1,107.78	13.41	83.618	
1,900.00	1,872.56	2,080.19	2,057.24	7.21	7.10	-154.30	-33.15	-863.66	1,123.49	1,110.10	13.39	83.936	
2,000.00	1,970.37	2,179.11	2,154.67	7.26	7.16	-155.03	-35.41	-846.74	1,125.97	1,112.52	13.46	83.675	
2,100.00	2,068.17	2,278.03	2,252.11	7.32	7.25	-155.75	-37.67	-829.81	1,128.64	1,115.08	13.56	83.233	
2,200.00	2,165.98	2,376.95	2,349.54	7.41	7.35	-156.48	-39.93	-812.89	1,131.49	1,117.80	13.70	82.620	
2,300.00	2,263.78	2,475.87	2,446.98	7.51	7.46	-157.19	-42.19	-795.96	1,134.53	1,120.67	13.86	81.852	
2,400.00	2,361.58	2,574.79	2,544.41	7.62	7.58	-157.91	-44.45	-779.04	1,137.74	1,123.68	14.06	80.943	
2,500.00	2,459.39	2,673.71	2,641.84	7.75	7.72	-158.62	-46.71	-762.11	1,141.14	1,126.86	14.28	79.912	
2,600.00	2,557.19	2,772.62	2,739.28	7.90	7.87	-159.32	-48.97	-745.19	1,144.71	1,130.18	14.53	78.777	
2,700.00	2,654.99	2,871.54	2,836.71	8.05	8.03	-160.03	-51.22	-728.26	1,148.46	1,133.65	14.81	77.557	
2,800.00	2,752.80	2,970.46	2,934.15	8.22	8.21	-160.72	-53.48	-711.34	1,152.38	1,137.27	15.11	76.270	
2,900.00	2,850.60	3,069.38	3,031.58	8.41	8.39	-161.42	-55.74	-694.41	1,156.47	1,141.04	15.43	74.931	
3,000.00	2,948.41	3,168.30	3,129.02	8.60	8.58	-162.10	-58.00	-677.49	1,160.74	1,144.96	15.78	73.557	
3,100.00	3,046.21	3,267.22	3,226.45	8.80	8.79	-162.79	-60.26	-660.56	1,165.17	1,149.03	16.15	72.162	
3,200.00	3,144.01	3,366.14	3,323.88	9.02	9.00	-163.46	-62.52	-643.64	1,169.78	1,153.24	16.53	70.756	
3,300.00	3,241.82	3,465.06	3,421.32	9.24	9.21	-164.13	-64.78	-626.71	1,174.54	1,157.61	16.94	69.351	
3,400.00	3,339.62	3,563.98	3,518.75	9.47	9.44	-164.80	-67.04	-609.79	1,179.47	1,162.12	17.36	67.955	
3,500.00	3,437.43	3,662.90	3,616.19	9.71	9.67	-165.46	-69.30	-592.86	1,184.56	1,166.77	17.79	66.577	
3,600.00	3,535.23	3,761.82	3,713.62	9.96	9.91	-166.12	-71.56	-575.94	1,189.81	1,171.57	18.24	65.221	
3,700.00	3,633.03	3,860.74	3,811.06	10.21	10.15	-166.77	-73.82	-559.01	1,195.22	1,176.51	18.71	63.892	
3,800.00	3,730.84	3,959.66	3,908.49	10.47	10.40	-167.41	-76.07	-542.09	1,200.78	1,181.60	19.18	62.595	
3,900.00	3,828.64	4,058.58	4,005.93	10.74	10.65	-168.05	-78.33	-525.16	1,206.50	1,186.82	19.67	61.332	
4,000.00	3,926.44	4,157.49	4,103.36	11.01	10.91	-168.68	-80.59	-508.24	1,212.36	1,192.19	20.17	60.105	
4,100.00	4,024.25	4,256.41	4,200.79	11.28	11.18	-169.31	-82.85	-491.31	1,218.37	1,197.69	20.68	58.915	
4,200.00	4,122.05	4,355.33	4,298.23	11.56	11.44	-169.93	-85.11	-474.39	1,224.53	1,203.33	21.20	57.763	
4,300.00	4,219.86	4,454.25	4,395.66	11.85	11.71	-170.54	-87.37	-457.46	1,230.83	1,209.11	21.73	56.650	
4,400.00	4,317.66	4,553.17	4,493.10	12.14	11.99	-171.15	-89.63	-440.54	1,237.28	1,215.01	22.26	55.575	
4,500.00	4,415.46	4,652.09	4,590.53	12.43	12.27	-171.75	-91.89	-423.61	1,243.86	1,221.05	22.81	54.538	
4,600.00	4,513.27	4,751.01	4,687.97	12.72	12.55	-172.34	-94.15	-406.69	1,250.58	1,227.22	23.36	53.539	
4,700.00	4,611.07	4,849.93	4,785.40	13.02	12.83	-172.93	-96.41	-389.76	1,257.44	1,233.52	23.92	52.576	
4,800.00	4,708.88	4,948.85	4,882.84	13.32	13.12	-173.51	-98.67	-372.84	1,264.43	1,239.94	24.48	51.650	
4,900.00	4,806.68	5,047.77	4,980.27	13.63	13.40	-174.09	-100.92	-355.91	1,271.54	1,246.49	25.05	50.757	
5,000.00	4,904.48	5,146.69	5,077.70	13.94	13.70	-174.66	-103.18	-338.99	1,278.79	1,253.17	25.63	49.899	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							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	5,002.29	5,245.61	5,175.14	14.25	13.99	-175.22	-105.44	-322.06	1,286.17	1,259.96	26.21	49.073		
5,200.00	5,100.09	5,344.53	5,272.57	14.56	14.28	-175.78	-107.70	-305.14	1,293.67	1,266.87	26.80	48.279		
5,300.00	5,197.90	5,443.44	5,370.01	14.87	14.58	-176.33	-109.96	-288.21	1,301.29	1,273.90	27.39	47.515		
5,400.00	5,295.70	5,542.36	5,467.44	15.19	14.88	-176.87	-112.22	-271.29	1,309.03	1,281.04	27.98	46.780		
5,500.00	5,393.50	5,641.28	5,564.88	15.51	15.18	-177.41	-114.48	-254.36	1,316.88	1,288.30	28.58	46.073		
5,600.00	5,491.31	5,740.20	5,662.31	15.83	15.48	-177.94	-116.74	-237.44	1,324.86	1,295.67	29.19	45.393		
5,700.00	5,589.11	5,839.12	5,759.74	16.15	15.79	-178.47	-119.00	-220.51	1,332.94	1,303.15	29.79	44.738		
5,800.00	5,686.91	5,938.04	5,857.18	16.47	16.09	-178.99	-121.26	-203.59	1,341.14	1,310.74	30.41	44.108		
5,900.00	5,784.72	6,036.96	5,954.61	16.80	16.40	-179.50	-123.52	-186.66	1,349.45	1,318.43	31.02	43.502		
6,000.00	5,882.52	6,135.88	6,052.05	17.12	16.71	179.99	-125.77	-169.74	1,357.87	1,326.23	31.64	42.918		
6,100.00	5,980.33	6,234.80	6,149.48	17.45	17.02	179.49	-128.03	-152.81	1,366.39	1,334.13	32.26	42.356		
6,200.00	6,078.13	7,986.84	7,126.21	17.78	30.26	135.71	-145.12	956.45	1,346.72	1,308.71	38.01	35.433		
6,300.00	6,175.93	8,003.23	7,126.14	18.11	30.47	134.77	-145.02	972.84	1,280.24	1,240.73	39.51	32.404		
6,400.00	6,273.74	8,019.62	7,126.07	18.44	30.69	133.83	-144.92	989.24	1,218.13	1,177.00	41.13	29.620		
6,499.99	6,371.53	8,036.01	7,126.00	18.77	30.91	132.89	-144.82	1,005.63	1,161.09	1,118.25	42.84	27.103		
6,600.00	6,470.24	8,044.60	7,125.96	19.03	31.02	174.84	-144.77	1,014.22	1,109.55	1,065.07	44.48	24.943		
6,700.00	6,569.10	8,037.52	7,125.99	19.19	30.93	-135.75	-144.81	1,007.14	1,064.99	1,019.10	45.89	23.209		
6,800.00	6,665.69	8,014.94	7,126.09	19.30	30.63	-119.88	-144.95	984.56	1,029.14	982.19	46.95	21.920		
6,900.00	6,757.63	7,977.42	7,126.26	19.34	30.13	-113.19	-145.17	947.03	1,002.85	955.26	47.59	21.073		
7,000.00	6,842.65	7,925.87	7,126.49	19.33	29.46	-108.57	-145.48	895.49	985.89	938.13	47.76	20.642		
7,100.00	6,918.67	7,861.58	7,126.77	19.30	28.65	-104.41	-145.87	831.20	977.09	929.58	47.50	20.568 SF		
7,200.00	6,983.80	7,786.11	7,127.11	19.25	27.70	-100.43	-146.33	755.74	974.53	927.63	46.90	20.777 ES		
7,204.37	6,986.37	7,782.59	7,127.13	19.25	27.66	-100.27	-146.35	752.21	974.53	927.65	46.87	20.790 CC		
7,300.00	7,036.46	7,701.34	7,127.49	19.23	26.68	-96.84	-146.84	670.97	975.98	929.88	46.09	21.173		
7,400.00	7,075.33	7,609.35	7,127.90	19.26	25.61	-93.93	-147.39	578.98	979.26	934.04	45.22	21.657		
7,500.00	7,099.46	7,506.19	7,123.36	19.40	24.47	-91.64	-147.89	476.00	982.33	938.03	44.30	22.174		
7,600.00	7,108.27	7,404.97	7,103.23	19.68	23.39	-89.71	-147.99	376.91	983.92	940.42	43.49	22.622		
7,700.00	7,105.75	7,309.77	7,070.20	20.11	22.44	-87.91	-147.72	287.72	984.66	941.80	42.87	22.970		
7,800.00	7,102.70	7,225.04	7,029.92	20.71	21.66	-85.70	-147.19	213.26	987.05	944.60	42.45	23.250		
7,900.00	7,099.65	7,151.74	6,987.36	21.43	21.04	-83.35	-146.51	153.64	992.64	950.42	42.22	23.512		
8,000.00	7,096.60	7,089.27	6,945.88	22.26	20.56	-81.05	-145.78	106.96	1,002.78	960.65	42.13	23.802		
8,100.00	7,093.55	7,036.35	6,907.30	23.18	20.18	-78.93	-145.06	70.77	1,018.48	976.34	42.14	24.169		
8,200.00	7,090.50	6,991.54	6,872.38	24.18	19.89	-77.02	-144.38	42.71	1,040.40	998.19	42.21	24.646		
8,300.00	7,087.45	6,950.00	6,838.32	25.24	19.63	-75.18	-143.70	18.95	1,068.84	1,026.55	42.29	25.272		
8,400.00	7,084.40	6,920.91	6,813.58	26.37	19.47	-73.85	-143.19	3.66	1,103.77	1,061.33	42.44	26.010		
8,500.00	7,081.35	6,900.00	6,795.38	27.55	19.35	-72.89	-142.81	-6.62	1,145.03	1,102.45	42.58	26.892		
8,600.00	7,078.30	6,868.66	6,767.49	28.78	19.19	-71.42	-142.22	-20.90	1,192.09	1,149.47	42.63	27.965		
8,700.00	7,075.25	6,850.00	6,750.56	30.05	19.09	-70.54	-141.85	-28.75	1,244.63	1,201.93	42.70	29.147		
8,800.00	7,072.20	6,828.94	6,731.20	31.36	19.00	-69.55	-141.43	-37.00	1,302.07	1,259.33	42.74	30.467		
8,900.00	7,069.15	6,800.00	6,704.15	32.70	18.86	-68.18	-140.84	-47.28	1,364.06	1,321.34	42.72	31.933		
9,000.00	7,066.10	6,800.00	6,704.15	34.07	18.86	-68.18	-140.84	-47.28	1,429.67	1,386.91	42.77	33.429		
9,100.00	7,063.05	6,784.92	6,689.88	35.46	18.80	-67.46	-140.52	-52.16	1,498.89	1,456.13	42.76	35.057		
9,200.00	7,060.00	6,773.21	6,678.72	36.87	18.75	-66.91	-140.27	-55.70	1,571.15	1,528.42	42.74	36.764		
9,300.00	7,056.95	6,750.00	6,656.43	38.31	18.66	-65.81	-139.77	-62.12	1,646.25	1,603.56	42.69	38.564		
9,400.00	7,053.90	6,750.00	6,656.43	39.76	18.66	-65.81	-139.77	-62.12	1,723.43	1,680.76	42.67	40.390		
9,500.00	7,050.85	6,750.00	6,656.43	41.23	18.66	-65.81	-139.77	-62.12	1,802.85	1,760.21	42.64	42.282		
9,600.00	7,047.80	6,750.00	6,656.43	42.72	18.66	-65.81	-139.77	-62.12	1,884.23	1,841.63	42.60	44.230		
9,700.00	7,044.75	6,729.02	6,636.08	44.22	18.59	-64.82	-139.31	-67.23	1,966.92	1,924.36	42.56	46.218		
9,800.00	7,041.70	6,722.28	6,629.52	45.73	18.56	-64.50	-139.16	-68.72	2,051.23	2,008.71	42.52	48.243		
9,900.00	7,038.65	6,700.00	6,607.69	47.25	18.48	-63.47	-138.66	-73.17	2,137.05	2,094.57	42.48	50.305		
10,000.00	7,035.60	6,700.00	6,607.69	48.78	18.48	-63.47	-138.66	-73.17	2,223.63	2,181.18	42.45	52.388		
10,100.00	7,032.55	6,700.00	6,607.69	50.32	18.48	-63.47	-138.66	-73.17	2,311.29	2,268.88	42.41	54.499		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,200.00	7,029.50	6,700.00	6,607.69	51.86	18.48	-63.47	-138.66	-73.17	2,399.92	2,357.55	42.38	56.635			
10,300.00	7,026.45	6,695.34	6,603.11	53.42	18.47	-63.25	-138.55	-74.01	2,489.40	2,447.05	42.35	58.787			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-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	1.00	-1.00	3.28	3.28	-89.81	3.67	-1,119.48	1,119.49				
100.00	100.00	101.00	99.00	3.28	3.28	-89.81	3.67	-1,119.48	1,119.49	1,111.96	7.53	148.691	
200.00	200.00	199.00	199.00	3.31	3.30	-89.81	3.67	-1,119.48	1,119.49	1,111.92	7.57	147.816	
300.00	300.00	357.51	357.43	3.35	3.38	-143.42	2.33	-1,115.37	1,117.25	1,109.56	7.69	145.346	
400.00	399.93	515.90	515.26	3.42	3.52	-143.86	-1.71	-1,102.94	1,112.20	1,104.34	7.86	141.561	
500.00	499.68	672.97	670.83	3.51	3.73	-144.63	-8.37	-1,082.44	1,104.79	1,096.70	8.09	136.543	
600.00	599.13	778.23	774.55	3.62	3.92	-145.36	-13.89	-1,065.45	1,097.21	1,088.87	8.35	131.419	
700.00	698.15	877.18	872.06	3.76	4.13	-146.12	-19.10	-1,049.43	1,092.62	1,083.97	8.65	126.324	
797.82	794.49	973.78	967.26	3.93	4.36	-146.92	-24.18	-1,033.79	1,091.11	1,082.12	8.99	121.399 CC	
800.00	796.63	975.94	969.38	3.94	4.36	-146.94	-24.29	-1,033.44	1,091.11	1,082.11	9.00	121.292 ES	
900.00	894.53	1,074.42	1,066.42	4.15	4.61	-147.83	-29.47	-1,017.50	1,092.44	1,083.05	9.39	116.387	
1,000.00	992.33	1,172.86	1,163.42	4.40	4.88	-148.73	-34.65	-1,001.56	1,094.43	1,084.62	9.81	111.535	
1,100.00	1,090.13	1,271.29	1,260.42	4.68	5.17	-149.63	-39.83	-985.63	1,096.70	1,086.43	10.27	106.795	
1,200.00	1,187.94	1,369.73	1,357.42	4.97	5.46	-150.53	-45.01	-969.70	1,099.25	1,088.50	10.75	102.256	
1,300.00	1,285.74	1,468.17	1,454.43	5.28	5.77	-151.42	-50.19	-953.76	1,102.08	1,090.82	11.26	97.908	
1,400.00	1,383.54	1,566.60	1,551.43	5.60	6.08	-152.31	-55.37	-937.83	1,105.18	1,093.40	11.78	93.810	
1,500.00	1,481.35	1,665.04	1,648.43	5.94	6.40	-153.19	-60.54	-921.89	1,108.55	1,096.23	12.32	89.963	
1,600.00	1,579.15	1,763.48	1,745.43	6.29	6.73	-154.07	-65.72	-905.96	1,112.19	1,099.31	12.88	86.364	
1,700.00	1,676.96	1,861.91	1,842.43	6.64	6.97	-154.94	-70.90	-890.02	1,116.09	1,102.91	13.19	84.629	
1,800.00	1,774.76	1,960.35	1,939.43	7.01	7.06	-155.80	-76.08	-874.09	1,120.26	1,106.71	13.55	82.677	
1,900.00	1,872.56	2,058.79	2,036.43	7.21	7.11	-156.66	-81.26	-858.15	1,124.69	1,111.16	13.53	83.122	
2,000.00	1,970.37	2,157.22	2,133.43	7.26	7.17	-157.51	-86.43	-842.22	1,129.38	1,115.77	13.61	83.006	
2,100.00	2,068.17	2,255.66	2,230.43	7.32	7.25	-158.36	-91.61	-826.28	1,134.32	1,120.61	13.71	82.714	
2,200.00	2,165.98	2,354.10	2,327.43	7.41	7.35	-159.19	-96.79	-810.35	1,139.51	1,125.66	13.85	82.256	
2,300.00	2,263.78	2,452.53	2,424.43	7.51	7.45	-160.02	-101.97	-794.42	1,144.95	1,130.93	14.02	81.645	
2,400.00	2,361.58	2,550.97	2,521.43	7.62	7.58	-160.84	-107.15	-778.48	1,150.63	1,136.41	14.22	80.897	
2,500.00	2,459.39	2,649.41	2,618.43	7.75	7.71	-161.66	-112.33	-762.55	1,156.56	1,142.10	14.45	80.027	
2,600.00	2,557.19	2,747.84	2,715.43	7.90	7.86	-162.46	-117.50	-746.61	1,162.72	1,148.01	14.71	79.053	
2,700.00	2,654.99	2,846.28	2,812.43	8.05	8.02	-163.26	-122.68	-730.68	1,169.11	1,154.12	14.99	77.992	
2,800.00	2,752.80	2,944.72	2,909.43	8.22	8.18	-164.05	-127.86	-714.74	1,175.73	1,160.43	15.30	76.861	
2,900.00	2,850.60	3,043.15	3,006.43	8.41	8.36	-164.83	-133.04	-698.81	1,182.58	1,166.95	15.63	75.677	
3,000.00	2,948.41	3,141.59	3,103.43	8.60	8.55	-165.60	-138.22	-682.87	1,189.65	1,173.67	15.98	74.453	
3,100.00	3,046.21	3,240.03	3,200.43	8.80	8.75	-166.36	-143.40	-666.94	1,196.93	1,180.58	16.35	73.204	
3,200.00	3,144.01	3,338.46	3,297.43	9.02	8.96	-167.12	-148.57	-651.00	1,204.43	1,187.69	16.74	71.940	
3,300.00	3,241.82	3,436.90	3,394.43	9.24	9.17	-167.86	-153.75	-635.07	1,212.14	1,194.99	17.15	70.673	
3,400.00	3,339.62	3,535.34	3,491.43	9.47	9.39	-168.59	-158.93	-619.13	1,220.06	1,202.48	17.58	69.410	
3,500.00	3,437.43	3,633.77	3,588.43	9.71	9.62	-169.32	-164.11	-603.20	1,228.17	1,210.15	18.02	68.159	
3,600.00	3,535.23	3,732.21	3,685.43	9.96	9.86	-170.03	-169.29	-587.27	1,236.49	1,218.01	18.48	66.926	
3,700.00	3,633.03	3,830.65	3,782.43	10.21	10.10	-170.74	-174.46	-571.33	1,245.00	1,226.05	18.95	65.716	
3,800.00	3,730.84	3,929.08	3,879.43	10.47	10.34	-171.44	-179.64	-555.40	1,253.69	1,234.27	19.43	64.533	
3,900.00	3,828.64	4,027.52	3,976.43	10.74	10.59	-172.12	-184.82	-539.46	1,262.58	1,242.66	19.92	63.379	
4,000.00	3,926.44	4,125.96	4,073.43	11.01	10.85	-172.80	-190.00	-523.53	1,271.64	1,251.22	20.43	62.256	
4,100.00	4,024.25	4,224.39	4,170.43	11.28	11.11	-173.47	-195.18	-507.59	1,280.88	1,259.94	20.94	61.167	
4,200.00	4,122.05	4,322.83	4,267.43	11.56	11.38	-174.13	-200.36	-491.66	1,290.30	1,268.84	21.47	60.112	
4,300.00	4,219.86	4,421.27	4,364.43	11.85	11.64	-174.78	-205.53	-475.72	1,299.89	1,277.89	22.00	59.091	
4,400.00	4,317.66	4,519.70	4,461.43	12.14	11.92	-175.42	-210.71	-459.79	1,309.64	1,287.11	22.54	58.104	
4,500.00	4,415.46	4,618.14	4,558.43	12.43	12.19	-176.05	-215.89	-443.85	1,319.56	1,296.47	23.09	57.152	
4,600.00	4,513.27	4,716.58	4,655.43	12.72	12.47	-176.67	-221.07	-427.92	1,329.64	1,305.99	23.64	56.234	
4,700.00	4,611.07	4,815.01	4,752.43	13.02	12.75	-177.28	-226.25	-411.99	1,339.87	1,315.66	24.21	55.350	
4,800.00	4,708.88	4,913.45	4,849.43	13.32	13.03	-177.89	-231.43	-396.05	1,350.26	1,325.48	24.78	54.498	
4,900.00	4,806.68	5,011.89	4,946.43	13.63	13.32	-178.48	-236.60	-380.12	1,360.79	1,335.44	25.35	53.677	
5,000.00	4,904.48	5,110.32	5,043.43	13.94	13.61	-179.06	-241.78	-364.18	1,371.47	1,345.54	25.93	52.888	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-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	5,002.29	5,208.76	5,140.43	14.25	13.90	-179.64	-246.96	-348.25	1,382.29	1,355.77	26.52	52.128	
5,200.00	5,100.09	5,307.20	5,237.44	14.56	14.19	179.79	-252.14	-332.31	1,393.25	1,366.14	27.11	51.397	
5,300.00	5,197.90	5,405.63	5,334.44	14.87	14.49	179.23	-257.32	-316.38	1,404.34	1,376.64	27.70	50.694	
5,400.00	5,295.70	5,504.07	5,431.44	15.19	14.79	178.68	-262.50	-300.44	1,415.57	1,387.27	28.30	50.017	
5,500.00	5,393.50	5,602.51	5,528.44	15.51	15.08	178.14	-267.67	-284.51	1,426.93	1,398.02	28.90	49.367	
5,600.00	5,491.31	5,700.94	5,625.44	15.83	15.38	177.61	-272.85	-268.57	1,438.41	1,408.90	29.51	48.740	
5,700.00	5,589.11	5,800.62	5,722.44	16.15	15.69	177.09	-278.03	-252.64	1,450.02	1,419.89	30.13	48.132	
5,800.00	5,686.91	5,902.18	5,819.44	16.47	16.00	176.57	-283.21	-236.70	1,461.74	1,430.99	30.75	47.537	
5,900.00	5,784.72	6,003.75	5,916.44	16.80	16.32	176.06	-288.39	-220.77	1,473.58	1,442.21	31.38	46.965	
6,000.00	5,882.52	6,105.31	6,013.44	17.12	16.63	175.56	-293.56	-204.84	1,485.54	1,453.53	32.01	46.414	
6,100.00	5,980.33	6,206.88	6,110.44	17.45	16.95	175.07	-298.74	-188.90	1,497.61	1,464.97	32.64	45.884	
6,200.00	6,078.13	6,308.44	6,207.44	17.78	17.27	174.58	-303.92	-172.97	1,509.79	1,476.51	33.27	45.374	
6,300.00	6,175.93	6,409.39	6,304.44	18.11	17.59	174.09	-309.10	-157.03	1,521.90	1,488.62	33.90	44.864	
6,400.00	6,273.74	6,510.31	6,405.44	18.44	17.91	173.60	-314.28	-141.09	1,534.01	1,500.73	34.53	44.354	
6,499.99	6,371.53	6,611.23	6,506.44	18.77	18.23	173.11	-319.46	-125.15	1,546.12	1,512.84	35.16	43.844	
6,600.00	6,470.24	6,712.15	6,605.44	19.10	18.55	172.62	-324.64	-109.21	1,558.23	1,524.95	35.79	43.334	
6,700.00	6,569.10	6,813.07	6,704.44	19.43	18.87	172.13	-329.82	-93.27	1,570.34	1,537.06	36.42	42.824	
6,800.00	6,665.69	6,913.99	6,805.44	19.76	19.19	171.64	-335.00	-77.33	1,582.45	1,549.17	37.05	42.314	
6,900.00	6,757.63	7,014.91	6,900.44	20.09	19.51	171.15	-340.18	-61.39	1,594.56	1,561.28	37.68	41.804	
7,000.00	6,842.65	7,115.83	6,985.44	20.42	19.83	170.66	-345.36	-45.45	1,606.67	1,573.39	38.31	41.294	
7,100.00	6,918.67	7,216.75	7,080.44	20.75	20.15	170.17	-350.54	-29.51	1,618.78	1,585.50	38.94	40.784	
7,200.00	6,983.80	7,317.67	7,145.44	21.08	20.47	169.68	-355.72	-13.57	1,630.89	1,597.61	39.57	40.274	
7,284.15	7,029.00	7,418.59	7,190.44	21.41	20.79	169.19	-360.90	2.37	1,643.00	1,609.72	40.20	39.764	
7,300.00	7,036.46	7,470.01	7,196.44	21.74	21.11	168.70	-366.08	17.43	1,655.11	1,621.83	40.83	39.254	
7,400.00	7,075.33	7,570.93	7,235.44	22.07	21.43	168.21	-371.26	32.49	1,667.22	1,633.94	41.46	38.744	
7,500.00	7,099.46	7,671.85	7,274.44	22.40	21.75	167.72	-376.44	47.55	1,679.33	1,646.05	42.09	38.234	
7,600.00	7,108.27	7,772.77	7,283.44	22.73	22.07	167.23	-381.62	62.61	1,691.44	1,658.16	42.72	37.724	
7,700.00	7,105.75	7,873.69	7,282.44	23.06	22.39	166.74	-386.80	77.67	1,703.55	1,670.27	43.35	37.214	
7,800.00	7,102.70	7,974.61	7,281.44	23.39	22.71	166.25	-391.98	92.73	1,715.66	1,682.38	43.98	36.704	
7,865.59	7,100.70	8,075.53	7,280.44	23.72	23.03	165.76	-397.16	107.79	1,727.77	1,694.49	44.61	36.194	
7,900.00	7,099.65	8,176.45	7,279.44	24.05	23.35	165.27	-402.34	122.85	1,739.88	1,706.60	45.24	35.684	
8,000.00	7,096.60	8,277.37	7,278.44	24.38	23.67	164.78	-407.52	137.91	1,751.99	1,718.71	45.87	35.174	
8,100.00	7,093.55	8,378.29	7,277.44	24.71	23.99	164.29	-412.70	152.97	1,764.10	1,730.82	46.50	34.664	
8,200.00	7,090.50	8,479.21	7,276.44	25.04	24.31	163.80	-417.88	168.03	1,776.21	1,742.93	47.13	34.154	
8,300.00	7,087.45	8,580.13	7,275.44	25.37	24.63	163.31	-423.06	183.09	1,788.32	1,755.04	47.76	33.644	
8,400.00	7,084.40	8,681.05	7,274.44	25.70	24.95	162.82	-428.24	198.15	1,800.43	1,767.15	48.39	33.134	
8,500.00	7,081.35	8,781.97	7,273.44	26.03	25.27	162.33	-433.42	213.21	1,812.54	1,779.26	49.02	32.624	
8,600.00	7,078.30	8,882.89	7,272.44	26.36	25.59	161.84	-438.60	228.27	1,824.65	1,791.37	49.65	32.114	
8,700.00	7,075.25	8,983.81	7,271.44	26.69	25.91	161.35	-443.78	243.33	1,836.76	1,803.48	50.28	31.604	
8,800.00	7,072.20	9,084.73	7,270.44	27.02	26.23	160.86	-448.96	258.39	1,848.87	1,815.59	50.91	31.094	
8,900.00	7,069.15	9,185.65	7,269.44	27.35	26.55	160.37	-454.14	273.45	1,860.98	1,827.70	51.54	30.584	
9,000.00	7,066.10	9,286.57	7,268.44	27.68	26.87	159.88	-459.32	288.51	1,873.09	1,839.81	52.17	30.074	
9,100.00	7,063.05	9,387.49	7,267.44	28.01	27.19	159.39	-464.50	303.57	1,885.20	1,851.92	52.80	29.564	
9,200.00	7,060.00	9,488.41	7,266.44	28.34	27.51	158.90	-469.68	318.63	1,897.31	1,864.03	53.43	29.054	
9,300.00	7,056.95	9,589.33	7,265.44	28.67	27.83	158.41	-474.86	333.69	1,909.42	1,876.14	54.06	28.544	
9,400.00	7,053.90	9,690.25	7,264.44	29.00	28.15	157.92	-479.04	348.75	1,921.53	1,888.25	54.69	28.034	
9,500.00	7,050.85	9,791.17	7,263.44	29.33	28.47	157.43	-484.22	363.81	1,933.64	1,900.36	55.32	27.524	
9,600.00	7,047.80	9,892.09	7,262.44	29.66	28.79	156.94	-489.40	378.87	1,945.75	1,912.47	55.95	27.014	
9,700.00	7,044.75	9,993.01	7,261.44	29.99	29.11	156.45	-494.58	393.93	1,957.86	1,924.58	56.58	26.504	
9,800.00	7,041.70	10,093.93	7,260.44	30.32	29.43	155.96	-499.76	408.99	1,969.97	1,936.69	57.21	25.994	
9,900.00	7,038.65	10,194.85	7,259.44	30.65	29.75	155.47	-504.94	424.05	1,982.08	1,948.80	57.84	25.484	
10,000.00	7,035.60	10,295.77	7,258.44	30.98	30.07	154.98	-510.12	439.11	1,994.19	1,960.91	58.47	24.974	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 14N-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	
10,100.00	7,032.55	6,727.79	6,637.30	50.32	18.60	-68.62	-326.87	-102.35	2,367.07	2,322.63	44.43	53.274	
10,200.00	7,029.50	6,708.59	6,618.38	51.86	18.54	-67.80	-325.86	-105.46	2,452.48	2,408.06	44.41	55.223	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-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	-89.80	4.04	-1,179.62	1,179.63					
100.00	100.00	100.00	100.00	3.28	3.28	-89.80	4.04	-1,179.62	1,179.63	1,172.10	7.53	156.681		
200.00	200.00	200.00	200.00	3.31	3.31	-89.80	4.04	-1,179.62	1,179.63	1,172.05	7.57	155.749		
200.00	200.00	200.00	200.00	3.31	3.31	-89.80	4.04	-1,179.62	1,179.63	1,172.05	7.57	155.749		
300.00	300.00	300.00	300.00	3.35	3.35	-143.31	4.04	-1,179.62	1,179.98	1,172.31	7.66	153.976		
400.00	399.93	400.07	399.93	3.42	3.42	-143.38	4.04	-1,179.62	1,182.78	1,174.98	7.80	151.729		
500.00	499.68	500.32	499.68	3.51	3.50	-143.51	4.04	-1,179.62	1,188.39	1,180.42	7.97	149.084		
600.00	599.13	600.87	599.13	3.62	3.61	-143.71	4.04	-1,179.62	1,196.82	1,188.63	8.19	146.134		
700.00	698.15	701.85	698.15	3.76	3.74	-143.97	4.04	-1,179.62	1,208.09	1,199.64	8.45	142.955		
800.00	796.63	803.37	796.63	3.94	3.88	-144.28	4.04	-1,179.62	1,222.24	1,213.48	8.75	139.616		
900.00	894.53	905.47	894.53	4.15	4.03	-144.72	4.04	-1,179.62	1,238.95	1,229.85	9.10	136.161		
1,000.00	992.33	1,007.67	992.33	4.40	4.20	-145.27	4.04	-1,179.62	1,256.14	1,246.67	9.47	132.657		
1,100.00	1,090.13	1,090.13	1,090.13	4.68	4.35	-145.80	4.04	-1,179.62	1,273.45	1,263.62	9.83	129.519		
1,200.00	1,187.94	1,259.76	1,259.67	4.97	4.65	-146.68	4.50	-1,175.19	1,288.41	1,278.06	10.35	124.515		
1,300.00	1,285.74	1,440.08	1,439.28	5.28	5.00	-147.56	6.14	-1,159.57	1,297.34	1,286.45	10.89	119.132		
1,400.00	1,383.54	1,621.84	1,618.96	5.60	5.41	-148.42	8.99	-1,132.48	1,300.09	1,288.63	11.45	113.496		
1,500.00	1,481.35	1,770.74	1,764.69	5.94	5.80	-149.11	12.17	-1,102.15	1,297.12	1,285.12	12.00	108.065		
1,600.00	1,579.15	1,870.10	1,861.65	6.29	6.00	-149.57	14.44	-1,080.56	1,293.10	1,280.84	12.26	105.457		
1,700.00	1,676.96	1,969.47	1,958.62	6.64	6.07	-150.04	16.71	-1,058.97	1,289.17	1,276.57	12.59	102.363		
1,800.00	1,774.76	2,068.83	2,055.58	7.01	6.13	-150.51	18.98	-1,037.38	1,285.32	1,272.41	12.92	99.519		
1,900.00	1,872.56	2,168.20	2,152.54	7.21	6.20	-150.98	21.25	-1,015.79	1,281.56	1,268.66	12.91	99.300		
2,000.00	1,970.37	2,267.56	2,249.51	7.26	6.30	-151.45	23.52	-994.20	1,277.89	1,264.89	13.00	98.334		
2,100.00	2,068.17	2,366.92	2,346.47	7.32	6.41	-151.93	25.78	-972.61	1,274.31	1,261.19	13.12	97.134		
2,200.00	2,165.98	2,466.29	2,443.44	7.41	6.55	-152.41	28.05	-951.02	1,270.82	1,257.54	13.28	95.724		
2,300.00	2,263.78	2,565.65	2,540.40	7.51	6.71	-152.89	30.32	-929.43	1,267.41	1,253.95	13.46	94.129		
2,400.00	2,361.58	2,665.02	2,637.36	7.62	6.88	-153.38	32.59	-907.84	1,264.10	1,250.42	13.68	92.379		
2,500.00	2,459.39	2,764.38	2,734.33	7.75	7.06	-153.86	34.86	-886.25	1,260.88	1,246.95	13.93	90.500		
2,600.00	2,557.19	2,863.75	2,831.29	7.90	7.27	-154.35	37.12	-864.66	1,257.75	1,243.55	14.21	88.521		
2,700.00	2,654.99	2,963.11	2,928.25	8.05	7.48	-154.84	39.39	-843.06	1,254.72	1,240.21	14.51	86.469		
2,800.00	2,752.80	3,062.48	3,025.22	8.22	7.71	-155.34	41.66	-821.47	1,251.78	1,236.94	14.84	84.368		
2,900.00	2,850.60	3,161.84	3,122.18	8.41	7.95	-155.83	43.93	-799.88	1,248.93	1,233.75	15.19	82.239		
3,000.00	2,948.41	3,261.21	3,219.15	8.60	8.19	-156.33	46.20	-778.29	1,246.18	1,230.63	15.56	80.102		
3,100.00	3,046.21	3,360.57	3,316.11	8.80	8.45	-156.83	48.47	-756.70	1,243.53	1,227.58	15.95	77.971		
3,200.00	3,144.01	3,459.93	3,413.07	9.02	8.72	-157.34	50.73	-735.11	1,240.97	1,224.62	16.35	75.879		
3,300.00	3,241.82	3,559.30	3,510.04	9.24	8.99	-157.84	53.00	-713.52	1,238.51	1,221.73	16.78	73.797		
3,400.00	3,339.62	3,658.66	3,607.00	9.47	9.27	-158.35	55.27	-691.93	1,236.15	1,218.92	17.23	71.764		
3,500.00	3,437.43	3,758.03	3,703.97	9.71	9.56	-158.86	57.54	-670.34	1,233.88	1,216.20	17.68	69.780		
3,600.00	3,535.23	3,857.39	3,800.93	9.96	9.85	-159.37	59.81	-648.75	1,231.71	1,213.56	18.15	67.851		
3,700.00	3,633.03	3,956.76	3,897.89	10.21	10.15	-159.88	62.08	-627.16	1,229.65	1,211.01	18.64	65.979		
3,800.00	3,730.84	4,056.12	3,994.86	10.47	10.45	-160.39	64.34	-605.57	1,227.68	1,208.55	19.13	64.167		
3,900.00	3,828.64	4,155.49	4,091.82	10.74	10.76	-160.91	66.61	-583.98	1,225.81	1,206.17	19.64	62.417		
4,000.00	3,926.44	4,254.85	4,188.79	11.01	11.07	-161.42	68.88	-562.39	1,224.04	1,203.89	20.16	60.728		
4,100.00	4,024.25	4,354.21	4,285.75	11.28	11.39	-161.94	71.15	-540.79	1,222.38	1,201.70	20.68	59.102		
4,200.00	4,122.05	4,453.58	4,382.71	11.56	11.71	-162.46	73.42	-519.20	1,220.81	1,199.60	21.22	57.536		
4,300.00	4,219.86	4,552.94	4,479.68	11.85	12.03	-162.98	75.68	-497.61	1,219.35	1,197.59	21.76	56.031		
4,400.00	4,317.66	4,652.31	4,576.64	12.14	12.35	-163.50	77.95	-476.02	1,217.99	1,195.68	22.31	54.584		
4,500.00	4,415.46	4,751.67	4,673.60	12.43	12.68	-164.03	80.22	-454.43	1,216.73	1,193.86	22.87	53.194		
4,600.00	4,513.27	4,851.04	4,770.57	12.72	13.01	-164.55	82.49	-432.84	1,215.58	1,192.14	23.44	51.860		
4,700.00	4,611.07	4,950.40	4,867.53	13.02	13.34	-165.08	84.76	-411.25	1,214.53	1,190.52	24.01	50.579		
4,800.00	4,708.88	5,049.77	4,964.50	13.32	13.68	-165.60	87.03	-389.66	1,213.58	1,188.99	24.59	49.349		
4,900.00	4,806.68	5,149.13	5,061.46	13.63	14.02	-166.13	89.29	-368.07	1,212.74	1,187.56	25.18	48.169		
5,000.00	4,904.48	5,248.49	5,158.42	13.94	14.35	-166.66	91.56	-346.48	1,212.00	1,186.23	25.77	47.036		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-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	5,002.29	5,347.86	5,255.39	14.25	14.69	-167.19	93.83	-324.89	1,211.36	1,185.00	26.36	45.949	
5,200.00	5,100.09	5,447.22	5,352.35	14.56	15.04	-167.71	96.10	-303.30	1,210.83	1,183.87	26.96	44.905	
5,300.00	5,197.90	5,546.59	5,449.32	14.87	15.38	-168.24	98.37	-281.71	1,210.40	1,182.83	27.57	43.903	
5,400.00	5,295.70	5,645.95	5,546.28	15.19	15.73	-168.77	100.63	-260.12	1,210.08	1,181.90	28.18	42.941	
5,500.00	5,393.50	5,745.32	5,643.24	15.51	16.07	-169.30	102.90	-238.52	1,209.86	1,181.07	28.80	42.016	
5,600.00	5,491.31	5,844.68	5,740.21	15.83	16.42	-169.83	105.17	-216.93	1,209.75	1,180.33	29.41	41.128	
5,658.23	5,548.25	5,902.54	5,796.67	16.02	16.62	-170.14	106.49	-204.36	1,209.73	1,179.95	29.78	40.627	
5,700.00	5,589.11	5,944.05	5,837.17	16.15	16.77	-170.36	107.44	-195.34	1,209.74	1,179.70	30.04	40.274	
5,800.00	5,686.91	6,043.41	5,934.14	16.47	17.12	-170.89	109.71	-173.75	1,209.84	1,179.17	30.66	39.454	
5,900.00	5,784.72	6,142.78	6,031.10	16.80	17.47	-171.42	111.98	-152.16	1,210.04	1,178.74	31.30	38.665	
6,000.00	5,882.52	6,242.14	6,128.06	17.12	17.82	-171.95	114.24	-130.57	1,210.34	1,178.41	31.93	37.906	
6,100.00	5,980.33	6,341.51	6,225.97	17.45	18.17	-172.48	116.51	-108.98	1,210.64	1,178.08	32.56	37.147	
6,200.00	6,078.13	6,440.90	6,323.36	17.78	18.52	-173.01	118.78	-87.39	1,210.94	1,177.75	33.19	36.388	
6,300.00	6,175.93	6,540.29	6,420.75	18.11	18.87	-173.54	121.05	-65.80	1,211.24	1,177.42	33.82	35.629	
6,400.00	6,273.74	6,639.68	6,517.54	18.44	19.22	-174.07	123.32	-44.21	1,211.54	1,177.09	34.45	34.870	
6,499.99	6,371.53	6,739.07	6,614.33	18.77	19.57	-174.60	125.59	-22.62	1,211.84	1,176.76	35.08	34.111	
6,600.00	6,470.24	6,838.46	6,711.02	19.10	19.92	-175.13	127.86	-1.03	1,212.14	1,176.43	35.71	33.352	
6,700.00	6,569.10	6,937.85	6,808.19	19.43	20.27	-175.66	130.13	19.56	1,212.44	1,176.10	36.34	32.593	
6,800.00	6,667.96	7,037.24	6,907.58	19.76	20.62	-176.19	132.40	41.07	1,212.74	1,175.77	36.97	31.834	
6,900.00	6,766.82	7,136.63	7,006.97	20.09	20.97	-176.72	134.67	62.58	1,213.04	1,175.44	37.60	31.075	
7,000.00	6,865.68	7,236.02	7,106.36	20.42	21.32	-177.25	136.94	84.09	1,213.34	1,175.11	38.23	30.316	
7,080.96	6,904.98	7,279.41	7,145.65	20.75	21.67	-177.78	139.21	105.60	1,213.64	1,174.78	38.86	29.557	
7,100.00	6,918.67	7,296.10	7,162.34	20.87	21.79	-177.89	140.24	111.11	1,213.74	1,174.68	39.07	29.348	
7,200.00	6,983.80	7,361.23	7,227.47	21.40	22.32	-178.42	144.80	132.62	1,214.34	1,174.28	39.67	28.589	
7,300.00	7,036.46	7,413.89	7,280.13	21.73	22.65	-178.95	147.07	144.13	1,214.64	1,174.18	39.88	28.380	
7,400.00	7,075.33	7,452.76	7,319.00	22.06	22.98	-179.48	149.34	155.46	1,214.94	1,174.08	40.09	28.171	
7,500.00	7,099.46	7,491.63	7,343.13	22.39	23.31	-179.99	151.61	166.79	1,215.24	1,173.98	40.30	27.962	
7,600.00	7,108.27	7,500.00	7,351.96	22.51	23.43	-180.10	152.64	169.80	1,215.34	1,173.94	40.36	27.903	
7,700.00	7,105.75	7,496.51	7,348.47	22.43	23.35	-180.00	151.61	166.79	1,215.24	1,173.94	40.30	27.903	
7,800.00	7,102.70	7,493.02	7,344.98	22.35	23.27	-180.00	150.58	163.78	1,215.14	1,173.84	40.26	27.844	
7,900.00	7,099.65	7,489.53	7,341.49	22.27	23.19	-180.00	149.55	160.77	1,215.04	1,173.74	40.22	27.785	
8,000.00	7,096.60	7,486.04	7,338.00	22.19	23.11	-180.00	148.52	157.76	1,214.94	1,173.64	40.18	27.726	
8,100.00	7,093.55	7,482.55	7,334.51	22.11	23.03	-180.00	147.49	154.75	1,214.84	1,173.54	40.14	27.667	
8,200.00	7,090.50	7,479.06	7,331.02	22.03	22.95	-180.00	146.46	151.74	1,214.74	1,173.44	40.10	27.608	
8,300.00	7,087.45	7,475.57	7,327.53	21.95	22.87	-180.00	145.43	148.73	1,214.64	1,173.34	40.06	27.549	
8,400.00	7,084.40	7,472.08	7,324.04	21.87	22.79	-180.00	144.40	145.72	1,214.54	1,173.24	40.02	27.490	
8,500.00	7,081.35	7,468.59	7,320.55	21.79	22.71	-180.00	143.37	142.71	1,214.44	1,173.14	40.00	27.431	
8,600.00	7,078.30	7,465.10	7,317.06	21.71	22.63	-180.00	142.34	139.70	1,214.34	1,173.04	39.96	27.372	
8,700.00	7,075.25	7,461.61	7,313.57	21.63	22.55	-180.00	141.31	136.69	1,214.24	1,172.94	39.92	27.313	
8,800.00	7,072.20	7,458.12	7,310.08	21.55	22.47	-180.00	140.28	133.68	1,214.14	1,172.84	39.88	27.254	
8,900.00	7,069.15	7,454.63	7,306.59	21.47	22.39	-180.00	139.25	130.67	1,214.04	1,172.74	39.84	27.195	
9,000.00	7,066.10	7,451.14	7,303.10	21.39	22.31	-180.00	138.22	127.66	1,213.94	1,172.64	39.80	27.136	
9,100.00	7,063.05	7,447.65	7,299.61	21.31	22.23	-180.00	137.19	124.65	1,213.84	1,172.54	39.76	27.077	
9,200.00	7,060.00	7,444.16	7,296.12	21.23	22.15	-180.00	136.16	121.64	1,213.74	1,172.44	39.72	27.018	
9,300.00	7,056.95	7,440.67	7,292.63	21.15	22.07	-180.00	135.13	118.63	1,213.64	1,172.34	39.68	26.959	
9,400.00	7,053.90	7,437.18	7,289.14	21.07	21.99	-180.00	134.10	115.62	1,213.54	1,172.24	39.64	26.900	
9,500.00	7,050.85	7,433.69	7,285.65	20.99	21.91	-180.00	133.07	112.61	1,213.44	1,172.14	39.60	26.841	
9,600.00	7,047.80	7,430.20	7,282.16	20.91	21.83	-180.00	132.04	109.60	1,213.34	1,172.04	39.56	26.782	
9,700.00	7,044.75	7,426.71	7,278.67	20.83	21.75	-180.00	131.01	106.59	1,213.24	1,171.94	39.52	26.723	
9,800.00	7,041.70	7,423.22	7,275.18	20.75	21.67	-180.00	130.00	103.58	1,213.14	1,171.84	39.48	26.664	
9,900.00	7,038.65	7,419.73	7,271.69	20.67	21.59	-180.00	128.97	100.57	1,213.04	1,171.74	39.44	26.605	
10,000.00	7,035.60	7,416.24	7,268.20	20.59	21.51	-180.00	127.94	97.56	1,212.94	1,171.64	39.40	26.546	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-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	
10,100.00	7,032.55	6,650.00	6,525.88	50.32	19.28	-51.38	123.54	-41.16	2,259.38	2,218.44	40.94	55.184	
10,200.00	7,029.50	6,632.49	6,508.95	51.86	19.21	-50.58	123.15	-45.59	2,350.90	2,309.95	40.95	57.408	
10,300.00	7,026.45	6,617.92	6,494.77	53.42	19.16	-49.93	122.82	-48.92	2,443.21	2,402.25	40.96	59.651	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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	1.00	1.00	3.28	3.28	-89.79	4.40	-1,219.43	1,219.44				
100.00	100.00	101.00	101.00	3.28	3.28	-89.79	4.40	-1,219.43	1,219.44	1,211.91	7.53	161.967	
200.00	200.00	201.67	201.67	3.31	3.31	-89.79	4.40	-1,219.43	1,219.44	1,211.87	7.57	160.994	
300.00	300.00	368.50	368.41	3.35	3.39	-143.26	6.04	-1,214.76	1,216.99	1,209.29	7.70	158.115	
400.00	399.93	534.74	533.98	3.42	3.55	-143.25	10.87	-1,201.00	1,211.51	1,203.63	7.88	153.727	
500.00	499.68	700.04	697.50	3.51	3.78	-143.30	18.81	-1,178.36	1,203.39	1,195.26	8.13	148.020	
600.00	599.13	835.22	830.10	3.62	4.05	-143.39	27.50	-1,153.57	1,193.20	1,184.78	8.42	141.662	
700.00	698.15	934.87	927.64	3.76	4.29	-143.56	34.25	-1,134.33	1,184.99	1,176.26	8.73	135.666	
800.00	796.63	1,034.66	1,025.31	3.94	4.56	-143.79	41.01	-1,115.05	1,179.59	1,170.50	9.09	129.736	
900.00	894.53	1,134.47	1,123.01	4.15	4.85	-144.07	47.77	-1,095.78	1,176.68	1,167.19	9.49	123.945	
1,000.00	992.33	1,234.28	1,220.71	4.40	5.16	-144.35	54.53	-1,076.50	1,174.18	1,164.25	9.93	118.211	
1,100.00	1,090.13	1,334.09	1,318.41	4.68	5.48	-144.62	61.29	-1,057.22	1,171.71	1,161.31	10.40	112.645	
1,200.00	1,187.94	1,433.90	1,416.10	4.97	5.82	-144.90	68.05	-1,037.95	1,169.26	1,158.37	10.89	107.331	
1,300.00	1,285.74	1,533.70	1,513.80	5.28	6.16	-145.18	74.81	-1,018.67	1,166.84	1,155.43	11.41	102.270	
1,400.00	1,383.54	1,633.51	1,611.50	5.60	6.52	-145.46	81.58	-999.39	1,164.45	1,152.50	11.94	97.503	
1,500.00	1,481.35	1,733.32	1,709.19	5.94	6.88	-145.74	88.34	-980.12	1,162.08	1,149.59	12.49	93.032	
1,600.00	1,579.15	1,833.13	1,806.89	6.29	7.19	-146.02	95.10	-960.84	1,159.74	1,146.91	12.84	90.357	
1,700.00	1,676.96	1,932.94	1,904.58	6.64	7.35	-146.31	101.86	-941.57	1,157.44	1,144.21	13.23	87.512	
1,800.00	1,774.76	2,032.75	2,002.28	7.01	7.40	-146.59	108.62	-922.29	1,155.16	1,141.61	13.54	85.290	
1,900.00	1,872.56	2,132.56	2,099.98	7.21	7.47	-146.87	115.38	-903.01	1,152.90	1,139.38	13.53	85.222	
2,000.00	1,970.37	2,232.37	2,197.67	7.26	7.56	-147.16	122.14	-883.74	1,150.68	1,137.08	13.61	84.568	
2,100.00	2,068.17	2,332.18	2,295.37	7.32	7.66	-147.45	128.90	-864.46	1,148.49	1,134.77	13.72	83.727	
2,200.00	2,165.98	2,431.99	2,393.07	7.41	7.78	-147.74	135.66	-845.18	1,146.32	1,132.46	13.86	82.714	
2,300.00	2,263.78	2,531.80	2,490.76	7.51	7.91	-148.03	142.42	-825.91	1,144.19	1,130.16	14.03	81.548	
2,400.00	2,361.58	2,631.60	2,588.46	7.62	8.06	-148.32	149.18	-806.63	1,142.08	1,127.85	14.23	80.248	
2,500.00	2,459.39	2,731.41	2,686.16	7.75	8.22	-148.61	155.94	-787.35	1,140.01	1,125.54	14.46	78.835	
2,600.00	2,557.19	2,831.22	2,783.85	7.90	8.39	-148.90	162.70	-768.08	1,137.96	1,123.24	14.72	77.328	
2,700.00	2,654.99	2,931.03	2,881.55	8.05	8.58	-149.19	169.47	-748.80	1,135.94	1,120.95	15.00	75.748	
2,800.00	2,752.80	3,030.84	2,979.24	8.22	8.77	-149.49	176.23	-729.53	1,133.96	1,118.65	15.30	74.114	
2,900.00	2,850.60	3,130.65	3,076.94	8.41	8.98	-149.78	182.99	-710.25	1,132.00	1,116.37	15.63	72.442	
3,000.00	2,948.41	3,230.46	3,174.64	8.60	9.19	-150.08	189.75	-690.97	1,130.07	1,114.10	15.97	70.749	
3,100.00	3,046.21	3,330.27	3,272.33	8.80	9.42	-150.38	196.51	-671.70	1,128.18	1,111.84	16.34	69.048	
3,200.00	3,144.01	3,430.08	3,370.03	9.02	9.65	-150.68	203.27	-652.42	1,126.31	1,109.59	16.72	67.351	
3,300.00	3,241.82	3,529.89	3,467.73	9.24	9.89	-150.98	210.03	-633.14	1,124.48	1,107.35	17.12	65.667	
3,400.00	3,339.62	3,629.70	3,565.42	9.47	10.14	-151.28	216.79	-613.87	1,122.67	1,105.13	17.54	64.006	
3,500.00	3,437.43	3,729.50	3,663.12	9.71	10.39	-151.58	223.55	-594.59	1,120.90	1,102.93	17.97	62.373	
3,600.00	3,535.23	3,829.31	3,760.81	9.96	10.65	-151.88	230.31	-575.31	1,119.16	1,100.75	18.42	60.774	
3,700.00	3,633.03	3,929.12	3,858.51	10.21	10.92	-152.19	237.07	-556.04	1,117.45	1,098.58	18.87	59.213	
3,800.00	3,730.84	4,028.93	3,956.21	10.47	11.19	-152.49	243.83	-536.76	1,115.77	1,096.43	19.34	57.693	
3,900.00	3,828.64	4,128.74	4,053.90	10.74	11.46	-152.80	250.59	-517.48	1,114.13	1,094.31	19.82	56.216	
4,000.00	3,926.44	4,228.55	4,151.60	11.01	11.75	-153.10	257.36	-498.21	1,112.51	1,092.21	20.31	54.784	
4,100.00	4,024.25	4,328.36	4,249.30	11.28	12.03	-153.41	264.12	-478.93	1,110.93	1,090.13	20.81	53.397	
4,200.00	4,122.05	4,428.17	4,346.99	11.56	12.32	-153.72	270.88	-459.66	1,109.38	1,088.07	21.31	52.055	
4,300.00	4,219.86	4,527.98	4,444.69	11.85	12.61	-154.03	277.64	-440.38	1,107.86	1,086.04	21.83	50.759	
4,400.00	4,317.66	4,627.79	4,542.38	12.14	12.91	-154.34	284.40	-421.10	1,106.38	1,084.03	22.35	49.508	
4,500.00	4,415.46	4,727.60	4,640.08	12.43	13.21	-154.65	291.16	-401.83	1,104.92	1,082.05	22.88	48.301	
4,600.00	4,513.27	4,827.40	4,737.78	12.72	13.51	-154.96	297.92	-382.55	1,103.50	1,080.09	23.41	47.136	
4,700.00	4,611.07	4,927.21	4,835.47	13.02	13.81	-155.27	304.68	-363.27	1,102.12	1,078.17	23.95	46.014	
4,800.00	4,708.88	5,027.02	4,933.17	13.32	14.12	-155.58	311.44	-344.00	1,100.76	1,076.26	24.50	44.932	
4,900.00	4,806.68	5,126.83	5,030.87	13.63	14.43	-155.90	318.20	-324.72	1,099.44	1,074.39	25.05	43.890	
5,000.00	4,904.48	5,226.64	5,128.56	13.94	14.74	-156.21	324.96	-305.44	1,098.15	1,072.55	25.61	42.886	
5,100.00	5,002.29	5,326.45	5,226.26	14.25	15.06	-156.53	331.72	-286.17	1,096.90	1,070.73	26.17	41.918	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,100.09	5,426.26	5,323.96	14.56	15.38	-156.84	338.48	-266.89	1,095.68	1,068.94	26.73	40.985		
5,300.00	5,197.90	5,526.07	5,421.65	14.87	15.69	-157.16	345.25	-247.62	1,094.49	1,067.18	27.30	40.087		
5,400.00	5,295.70	5,625.88	5,519.35	15.19	16.02	-157.48	352.01	-228.34	1,093.33	1,065.46	27.88	39.221		
5,500.00	5,393.50	5,725.69	5,617.04	15.51	16.34	-157.79	358.77	-209.06	1,092.21	1,063.76	28.45	38.386		
5,600.00	5,491.31	5,825.50	5,714.74	15.83	16.66	-158.11	365.53	-189.79	1,091.12	1,062.09	29.03	37.581		
5,700.00	5,589.11	5,925.30	5,812.44	16.15	16.99	-158.43	372.29	-170.51	1,090.07	1,060.45	29.62	36.805		
5,800.00	5,686.91	6,025.11	5,910.13	16.47	17.31	-158.75	379.05	-151.23	1,089.05	1,058.85	30.20	36.057		
5,900.00	5,784.72	6,124.92	6,007.83	16.80	17.64	-159.07	385.81	-131.96	1,088.07	1,057.27	30.79	35.334		
6,000.00	5,882.52	6,224.73	6,105.53	17.12	17.97	-159.39	392.57	-112.68	1,087.12	1,055.73	31.39	34.637		
6,100.00	5,980.33	6,324.54	6,203.22	17.45	18.30	-159.71	399.33	-93.40	1,086.20	1,054.22	31.98	33.964		
6,200.00	6,078.13	7,962.66	7,127.57	17.78	31.00	151.41	467.42	952.20	1,074.05	1,043.13	30.91	34.743		
6,300.00	6,175.93	7,979.05	7,127.50	18.11	31.21	149.26	467.49	968.59	981.74	949.99	31.75	30.918		
6,400.00	6,273.74	8,004.55	7,127.43	18.44	31.54	147.04	467.56	984.98	890.80	857.99	32.81	27.146		
6,499.99	6,371.53	8,011.84	7,127.36	18.77	31.64	144.75	467.64	1,001.37	801.69	767.70	33.99	23.585		
6,600.00	6,470.24	8,020.43	7,127.32	19.03	31.75	175.42	467.68	1,009.97	714.36	678.88	35.48	20.134		
6,700.00	6,569.10	8,013.35	7,127.35	19.19	31.66	-143.72	467.64	1,002.88	630.67	593.43	37.23	16.937		
6,800.00	6,665.69	8,009.24	7,127.45	19.30	31.60	-132.83	467.54	980.30	554.17	514.71	39.46	14.045		
6,900.00	6,757.63	7,953.24	7,127.61	19.34	30.87	-128.32	467.38	942.78	488.46	446.86	41.60	11.742		
7,000.00	6,842.65	7,901.69	7,127.83	19.33	30.21	-123.83	467.14	891.23	436.64	392.77	43.87	9.953		
7,100.00	6,918.67	7,837.40	7,128.10	19.30	29.40	-118.19	466.86	826.94	400.45	354.77	45.68	8.767		
7,200.00	6,983.80	7,761.93	7,128.42	19.25	28.47	-111.56	466.52	751.47	379.32	332.69	46.63	8.135		
7,300.00	7,036.46	7,677.16	7,128.78	19.23	27.45	-104.73	466.14	666.70	370.18	323.52	46.66	7.934 SF		
7,393.02	7,073.08	7,590.12	7,128.16	19.26	26.44	-98.93	465.68	579.68	368.41	322.31	46.10	7.991 CC, ES		
7,400.00	7,075.33	7,583.37	7,127.78	19.26	26.36	-98.51	465.62	572.94	368.42	322.38	46.04	8.001		
7,500.00	7,099.46	7,489.48	7,115.08	19.40	25.30	-92.60	464.31	480.01	370.14	324.93	45.21	8.187		
7,600.00	7,108.27	7,400.31	7,090.52	19.68	24.34	-87.16	462.23	394.39	374.58	330.23	44.36	8.445		
7,700.00	7,105.75	7,316.51	7,056.78	20.11	23.49	-82.25	459.56	317.79	382.21	338.66	43.55	8.776		
7,800.00	7,102.70	7,242.02	7,018.60	20.71	22.79	-77.03	456.65	253.95	396.88	354.10	42.78	9.277		
7,900.00	7,099.65	7,177.19	6,979.50	21.43	22.23	-71.92	453.73	202.36	420.94	378.89	42.06	10.009		
8,000.00	7,096.60	7,121.35	6,941.77	22.26	21.78	-67.28	450.96	161.31	455.42	414.01	41.41	10.997		
8,100.00	7,093.55	7,073.45	6,906.66	23.18	21.42	-63.27	448.41	128.85	500.09	459.20	40.89	12.231		
8,200.00	7,090.50	7,032.35	6,874.65	24.18	21.14	-59.86	446.10	103.17	553.88	513.40	40.48	13.684		
8,300.00	7,087.45	7,000.00	6,848.34	25.24	20.93	-57.25	444.22	84.45	615.40	575.21	40.19	15.312		
8,400.00	7,084.40	6,966.39	6,820.03	26.37	20.73	-54.62	442.20	66.45	683.23	643.30	39.94	17.108		
8,500.00	7,081.35	6,939.79	6,796.98	27.55	20.57	-52.61	440.56	53.28	756.20	716.44	39.76	19.021		
8,600.00	7,078.30	6,916.52	6,776.39	28.78	20.45	-50.91	439.10	42.56	833.27	793.66	39.62	21.034		
8,700.00	7,075.25	6,900.00	6,761.53	30.05	20.36	-49.74	438.06	35.40	913.69	874.18	39.51	23.128		
8,800.00	7,072.20	6,877.95	6,741.42	31.36	20.25	-48.22	436.64	26.47	996.76	957.35	39.41	25.292		
8,900.00	7,069.15	6,850.00	6,715.51	32.70	20.11	-46.38	434.82	16.15	1,082.23	1,042.90	39.33	27.516		
9,000.00	7,066.10	6,850.00	6,715.51	34.07	20.11	-46.38	434.82	16.15	1,169.18	1,129.92	39.26	29.781		
9,100.00	7,063.05	6,834.47	6,700.93	35.46	20.05	-45.40	433.80	10.91	1,257.80	1,218.59	39.21	32.081		
9,200.00	7,060.00	6,822.77	6,689.86	36.87	20.00	-44.67	433.03	7.21	1,347.69	1,308.54	39.16	34.417		
9,300.00	7,056.95	6,800.00	6,668.13	38.31	19.90	-43.31	431.51	0.57	1,438.82	1,399.69	39.14	36.763		
9,400.00	7,053.90	6,800.00	6,668.13	39.76	19.90	-43.31	431.51	0.57	1,530.55	1,491.47	39.08	39.162		
9,500.00	7,050.85	6,800.00	6,668.13	41.23	19.90	-43.31	431.51	0.57	1,623.25	1,584.22	39.03	41.591		
9,600.00	7,047.80	6,800.00	6,668.13	42.72	19.90	-43.31	431.51	0.57	1,716.78	1,677.80	38.98	44.043		
9,700.00	7,044.75	6,778.13	6,647.06	44.22	19.82	-42.06	430.05	-5.06	1,810.49	1,771.49	39.00	46.422		
9,800.00	7,041.70	6,771.26	6,640.39	45.73	19.80	-41.68	429.59	-6.68	1,904.94	1,865.96	38.98	48.864		
9,900.00	7,038.65	6,750.00	6,619.67	47.25	19.72	-40.53	428.15	-11.23	2,000.07	1,961.06	39.02	51.261		
10,000.00	7,035.60	6,750.00	6,619.67	48.78	19.72	-40.53	428.15	-11.23	2,095.24	2,056.24	38.99	53.736		
10,100.00	7,032.55	6,750.00	6,619.67	50.32	19.72	-40.53	428.15	-11.23	2,190.83	2,151.86	38.97	56.220		
10,200.00	7,029.50	6,748.36	6,618.07	51.86	19.71	-40.45	428.04	-11.55	2,286.79	2,247.84	38.96	58.702		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance									
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	7,026.45	6,730.90	6,600.98	53.42	19.66	-39.55	426.86	-14.92	2,383.01	2,344.01	39.00	61.101			
10,400.00	7,023.40	6,708.63	6,579.18	54.98	19.58	-38.46	425.35	-19.22	2,479.34	2,440.27	39.07	63.462			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.81	4.04	-1,199.67	1,199.67				
100.00	100.00	101.00	101.00	3.28	3.28	-89.81	4.04	-1,199.67	1,199.67	1,192.14	7.53	159.341	
200.00	200.00	201.00	201.00	3.31	3.31	-89.81	4.04	-1,199.67	1,199.67	1,192.10	7.57	158.389	
300.00	300.00	330.26	330.23	3.35	3.37	-143.23	6.19	-1,198.81	1,199.53	1,191.85	7.68	156.244	
400.00	399.93	501.84	501.48	3.42	3.50	-143.23	10.35	-1,189.48	1,196.90	1,189.04	7.85	152.398	
500.00	499.68	672.75	671.19	3.51	3.71	-143.41	15.11	-1,170.04	1,191.10	1,183.01	8.09	147.149	
600.00	599.13	823.34	819.54	3.62	3.98	-143.73	19.79	-1,144.69	1,182.41	1,174.03	8.38	141.042	
700.00	698.15	922.93	917.35	3.76	4.20	-144.06	22.98	-1,126.20	1,174.99	1,166.31	8.68	135.320	
800.00	796.63	1,022.57	1,015.20	3.94	4.45	-144.46	26.17	-1,107.70	1,170.42	1,161.39	9.03	129.654	
900.00	894.53	1,122.14	1,112.99	4.15	4.71	-144.92	29.37	-1,089.21	1,168.42	1,159.00	9.41	124.110	
1,000.00	992.33	1,221.70	1,210.77	4.40	5.00	-145.37	32.56	-1,070.73	1,166.86	1,157.02	9.84	118.609	
1,100.00	1,090.13	1,321.26	1,308.55	4.68	5.30	-145.82	35.75	-1,052.24	1,165.37	1,155.08	10.29	113.226	
1,200.00	1,187.94	1,420.82	1,406.33	4.97	5.61	-146.27	38.94	-1,033.76	1,163.96	1,153.20	10.77	108.111	
1,300.00	1,285.74	1,520.38	1,504.10	5.28	5.94	-146.73	42.13	-1,015.27	1,162.63	1,151.36	11.27	103.205	
1,400.00	1,383.54	1,619.95	1,601.88	5.60	6.27	-147.18	45.33	-996.79	1,161.36	1,149.58	11.78	98.576	
1,500.00	1,481.35	1,719.51	1,699.66	5.94	6.61	-147.64	48.52	-978.30	1,160.17	1,147.86	12.31	94.226	
1,600.00	1,579.15	1,819.07	1,797.44	6.29	6.93	-148.10	51.71	-959.82	1,159.06	1,146.23	12.83	90.329	
1,700.00	1,676.96	1,918.63	1,895.21	6.64	7.09	-148.56	54.90	-941.34	1,158.02	1,144.96	13.06	88.680	
1,800.00	1,774.76	2,018.19	1,992.99	7.01	7.14	-149.02	58.09	-922.85	1,157.05	1,143.69	13.37	86.556	
1,900.00	1,872.56	2,117.75	2,090.77	7.21	7.20	-149.48	61.29	-904.37	1,156.17	1,142.82	13.34	86.638	
2,000.00	1,970.37	2,217.31	2,188.54	7.26	7.28	-149.94	64.48	-885.88	1,155.35	1,141.93	13.42	86.117	
2,100.00	2,068.17	2,316.87	2,286.32	7.32	7.37	-150.40	67.67	-867.40	1,154.61	1,141.09	13.52	85.405	
2,200.00	2,165.98	2,416.43	2,384.10	7.41	7.48	-150.86	70.86	-848.91	1,153.95	1,140.29	13.65	84.516	
2,300.00	2,263.78	2,515.99	2,481.88	7.51	7.61	-151.32	74.05	-830.43	1,153.36	1,139.54	13.82	83.466	
2,400.00	2,361.58	2,615.55	2,579.65	7.62	7.75	-151.78	77.25	-811.94	1,152.85	1,138.84	14.01	82.276	
2,500.00	2,459.39	2,715.11	2,677.43	7.75	7.90	-152.25	80.44	-793.46	1,152.41	1,138.18	14.23	80.964	
2,600.00	2,557.19	2,814.67	2,775.21	7.90	8.06	-152.71	83.63	-774.97	1,152.05	1,137.57	14.48	79.550	
2,700.00	2,654.99	2,914.23	2,872.99	8.05	8.24	-153.17	86.82	-756.49	1,151.77	1,137.01	14.76	78.056	
2,800.00	2,752.80	3,013.79	2,970.76	8.22	8.42	-153.64	90.01	-738.00	1,151.56	1,136.51	15.05	76.500	
2,900.00	2,850.60	3,113.35	3,068.54	8.41	8.62	-154.10	93.21	-719.52	1,151.43	1,136.06	15.37	74.900	
3,000.00	2,948.41	3,212.91	3,166.32	8.60	8.82	-154.57	96.40	-701.04	1,151.37	1,135.66	15.71	73.272	
3,022.80	2,970.70	3,235.61	3,188.61	8.65	8.87	-154.67	97.13	-696.82	1,151.37	1,135.58	15.80	72.892	
3,100.00	3,046.21	3,312.47	3,264.09	8.80	9.04	-155.03	99.59	-682.55	1,151.39	1,135.32	16.07	71.629	
3,200.00	3,144.01	3,412.03	3,361.87	9.02	9.26	-155.49	102.78	-664.07	1,151.49	1,135.04	16.45	69.985	
3,300.00	3,241.82	3,511.59	3,459.65	9.24	9.49	-155.96	105.97	-645.58	1,151.66	1,134.81	16.85	68.350	
3,400.00	3,339.62	3,611.15	3,557.43	9.47	9.73	-156.42	109.17	-627.10	1,151.91	1,134.65	17.26	66.732	
3,500.00	3,437.43	3,710.71	3,655.20	9.71	9.97	-156.89	112.36	-608.61	1,152.24	1,134.55	17.69	65.139	
3,600.00	3,535.23	3,810.27	3,752.98	9.96	10.22	-157.35	115.55	-590.13	1,152.64	1,134.51	18.13	63.577	
3,700.00	3,633.03	3,909.83	3,850.76	10.21	10.48	-157.81	118.74	-571.64	1,153.12	1,134.53	18.58	62.050	
3,800.00	3,730.84	4,009.39	3,948.54	10.47	10.74	-158.27	121.93	-553.16	1,153.67	1,134.62	19.05	60.562	
3,900.00	3,828.64	4,108.95	4,046.31	10.74	11.01	-158.74	125.12	-534.67	1,154.30	1,134.77	19.53	59.114	
4,000.00	3,926.44	4,208.51	4,144.09	11.01	11.28	-159.20	128.32	-516.19	1,155.00	1,134.99	20.01	57.710	
4,100.00	4,024.25	4,308.07	4,241.87	11.28	11.55	-159.66	131.51	-497.71	1,155.78	1,135.27	20.51	56.350	
4,200.00	4,122.05	4,407.64	4,339.64	11.56	11.83	-160.12	134.70	-479.22	1,156.64	1,135.62	21.02	55.033	
4,300.00	4,219.86	4,507.20	4,437.42	11.85	12.11	-160.58	137.89	-460.74	1,157.57	1,136.04	21.53	53.761	
4,400.00	4,317.66	4,606.76	4,535.20	12.14	12.40	-161.04	141.08	-442.25	1,158.58	1,136.52	22.05	52.534	
4,500.00	4,415.46	4,706.32	4,632.98	12.43	12.69	-161.49	144.28	-423.77	1,159.66	1,137.07	22.58	51.349	
4,600.00	4,513.27	4,805.88	4,730.75	12.72	12.98	-161.95	147.47	-405.28	1,160.81	1,137.69	23.12	50.207	
4,700.00	4,611.07	4,905.44	4,828.53	13.02	13.27	-162.41	150.66	-386.80	1,162.04	1,138.38	23.66	49.106	
4,800.00	4,708.88	5,005.00	4,926.31	13.32	13.57	-162.86	153.85	-368.31	1,163.34	1,139.13	24.21	48.046	
4,900.00	4,806.68	5,104.56	5,024.09	13.63	13.87	-163.32	157.04	-349.83	1,164.72	1,139.95	24.77	47.025	
5,000.00	4,904.48	5,204.12	5,121.86	13.94	14.17	-163.77	160.24	-331.34	1,166.17	1,140.84	25.33	46.041	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,002.29	5,303.68	5,219.64	14.25	14.48	-164.22	163.43	-312.86	1,167.70	1,141.80	25.89	45.094		
5,200.00	5,100.09	5,403.24	5,317.42	14.56	14.78	-164.67	166.62	-294.37	1,169.29	1,142.83	26.47	44.182		
5,300.00	5,197.90	5,502.80	5,415.19	14.87	15.09	-165.12	169.81	-275.89	1,170.96	1,143.92	27.04	43.304		
5,400.00	5,295.70	5,602.36	5,512.97	15.19	15.40	-165.57	173.00	-257.41	1,172.71	1,145.09	27.62	42.459		
5,500.00	5,393.50	5,701.92	5,610.75	15.51	15.71	-166.02	176.20	-238.92	1,174.52	1,146.32	28.20	41.645		
5,600.00	5,491.31	5,801.48	5,708.53	15.83	16.03	-166.46	179.39	-220.44	1,176.41	1,147.62	28.79	40.860		
5,700.00	5,589.11	5,901.04	5,806.30	16.15	16.34	-166.91	182.58	-201.95	1,178.36	1,148.98	29.38	40.104		
5,800.00	5,686.91	6,000.60	5,904.08	16.47	16.66	-167.35	185.77	-183.47	1,180.39	1,150.42	29.98	39.376		
5,900.00	5,784.72	6,100.16	6,001.86	16.80	16.97	-167.79	188.96	-164.98	1,182.49	1,151.92	30.58	38.674		
6,000.00	5,882.52	6,200.28	6,099.64	17.12	17.30	-168.23	192.15	-146.50	1,184.66	1,153.48	31.18	37.996		
6,100.00	5,980.33	6,300.72	6,197.41	17.45	17.62	-168.67	195.35	-128.01	1,186.90	1,155.12	31.79	37.340		
6,200.00	6,078.13	6,398.84	6,295.19	17.78	17.93	-169.10	198.54	-109.53	1,189.21	1,156.82	32.39	36.715		
6,300.00	6,175.93	6,497.17	6,392.14	18.11	18.25	-170.54	201.74	-88.84	1,191.88	1,158.67	33.01	36.000		
6,400.00	6,273.74	6,595.97	6,489.97	18.44	18.57	-171.96	204.97	-68.01	1,194.87	1,160.67	33.65	35.285		
6,499.99	6,371.53	6,695.18	6,588.18	18.77	18.89	-173.35	208.14	-47.23	1,198.19	1,162.81	34.31	34.560		
6,600.00	6,470.24	6,794.69	6,686.45	19.03	19.14	-174.81	211.25	-26.48	1,201.76	1,165.00	34.98	33.835		
6,700.00	6,569.10	6,894.39	6,785.15	19.29	19.39	-176.57	214.21	-5.73	1,205.58	1,167.33	35.66	33.110		
6,800.00	6,665.69	6,994.18	6,884.84	19.55	19.64	-178.41	217.03	14.97	1,209.66	1,169.60	36.35	32.385		
6,900.00	6,757.63	7,094.06	6,974.72	19.81	19.89	-180.32	219.71	34.21	1,214.09	1,171.91	37.04	31.660		
7,000.00	6,842.65	7,193.94	7,059.69	19.93	20.00	-182.30	222.25	53.45	1,218.77	1,174.26	37.73	30.935		
7,100.00	6,918.67	7,293.82	7,135.71	19.90	20.06	-184.35	224.65	72.69	1,223.60	1,176.65	38.42	30.210		
7,200.00	6,983.80	7,393.69	7,198.13	19.25	20.52	-186.46	226.91	91.93	1,228.58	1,179.08	39.11	29.485		
7,300.00	7,036.46	7,493.56	7,259.79	19.23	20.49	-188.62	229.03	111.17	1,233.71	1,181.55	39.80	28.760		
7,340.65	7,053.98	7,500.00	7,275.31	19.24	20.06	-189.44	229.93	120.91	1,235.00	1,182.84	40.00	28.334		
7,400.00	7,075.33	7,525.34	7,298.65	19.26	20.41	-190.12	230.35	130.65	1,236.44	1,183.99	40.20	27.908		
7,500.00	7,099.46	7,576.07	7,319.71	19.40	20.18	-191.51	231.69	140.39	1,238.03	1,184.81	40.40	27.482		
7,600.00	7,108.27	7,617.18	7,316.44	19.68	20.03	-192.62	232.72	150.13	1,239.66	1,185.29	40.59	27.056		
7,700.00	7,105.75	7,613.61	7,313.13	20.11	20.04	-192.16	233.61	159.87	1,240.43	1,185.42	40.77	26.630		
7,800.00	7,102.70	7,609.13	7,308.67	20.71	22.24	-188.21	233.13	169.61	1,240.39	1,185.31	40.94	26.204		
7,900.00	7,099.65	7,604.66	7,304.20	21.43	21.62	-184.19	229.38	179.35	1,239.52	1,184.94	41.11	25.778		
8,000.00	7,096.60	7,599.61	7,299.15	22.26	21.15	-180.43	226.30	189.09	1,237.81	1,183.38	41.28	25.352		
8,100.00	7,093.55	7,594.06	7,293.60	23.18	20.76	-176.91	223.67	198.83	1,235.25	1,181.71	41.45	24.926		
8,200.00	7,090.50	7,588.01	7,287.05	24.18	20.50	-174.16	221.76	208.57	1,232.84	1,179.94	41.62	24.500		
8,300.00	7,087.45	7,581.46	7,280.50	25.24	20.27	-171.66	220.09	218.31	1,229.57	1,178.17	41.79	24.074		
8,400.00	7,084.40	7,574.41	7,273.45	26.37	20.09	-169.52	218.73	228.05	1,226.44	1,176.40	41.96	23.648		
8,500.00	7,081.35	7,566.86	7,266.40	27.55	19.95	-167.69	217.59	237.79	1,223.46	1,174.63	42.13	23.222		
8,600.00	7,078.30	7,559.31	7,259.35	28.78	19.87	-166.67	216.97	247.53	1,220.62	1,172.86	42.30	22.796		
8,700.00	7,075.25	7,551.76	7,252.30	30.05	19.74	-164.76	215.82	257.27	1,217.93	1,171.09	42.47	22.370		
8,800.00	7,072.20	7,544.21	7,245.25	31.36	19.63	-163.30	214.97	267.01	1,215.34	1,169.32	42.64	21.944		
8,900.00	7,069.15	7,536.66	7,238.20	32.70	19.63	-163.30	214.97	276.75	1,212.80	1,167.55	42.81	21.518		
9,000.00	7,066.10	7,529.11	7,231.15	34.07	19.53	-161.65	214.02	286.49	1,210.31	1,165.78	42.98	21.092		
9,100.00	7,063.05	7,521.56	7,224.10	35.46	19.42	-160.03	213.11	296.23	1,207.87	1,164.01	43.15	20.666		
9,200.00	7,060.00	7,514.01	7,217.05	36.87	19.42	-160.03	213.11	305.97	1,205.48	1,162.24	43.32	20.240		
9,300.00	7,056.95	7,506.46	7,210.00	38.31	19.42	-160.03	213.11	315.71	1,203.19	1,160.47	43.49	19.814		
9,400.00	7,053.90	7,498.91	7,202.95	39.76	19.36	-158.92	212.50	325.45	1,201.00	1,158.66	43.66	19.388		
9,500.00	7,050.85	7,491.36	7,195.90	41.23	19.33	-158.40	212.21	335.19	1,198.86	1,156.85	43.83	18.962		
9,600.00	7,047.80	7,483.81	7,188.85	42.72	19.30	-157.93	211.96	344.93	1,196.71	1,155.04	43.99	18.536		
9,700.00	7,044.75	7,476.26	7,181.80	44.22	19.24	-156.89	211.40	354.67	1,194.66	1,153.23	44.16	18.110		
9,800.00	7,041.70	7,468.71	7,174.75	45.73	19.24	-156.89	211.40	364.41	1,192.64	1,151.42	44.33	17.684		
9,900.00	7,038.65	7,461.16	7,167.70	47.25	19.24	-156.89	211.40	374.15	1,190.67	1,149.61	44.50	17.258		
10,000.00	7,035.60	7,453.61	7,160.65	48.78	19.21	-156.43	211.16	383.89	1,188.74	1,147.80	44.67	16.832		
10,100.00	7,032.55	7,446.06	7,153.60	50.32	19.14	-155.15	210.47	393.63	1,186.86	1,146.00	44.84	16.406		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,029.50	6,749.37	6,639.44	51.86	19.07	-53.90	209.78	-44.45	2,301.41	2,261.79	39.62	58.082	
10,300.00	7,026.45	6,727.83	6,618.28	53.42	19.00	-52.70	209.09	-48.45	2,395.69	2,356.05	39.65	60.428	
10,400.00	7,023.40	6,706.28	6,597.12	54.98	18.93	-51.54	208.40	-52.45	2,490.23	2,450.56	39.67	62.766	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	-89.79	4.77	-1,299.62	1,299.62					
100.00	100.00	102.00	102.00	3.28	3.28	-89.79	4.77	-1,299.62	1,299.62	1,292.09	7.53	172.614		
200.00	200.00	202.00	202.00	3.31	3.31	-89.79	4.77	-1,299.62	1,299.62	1,292.05	7.57	171.577		
203.69	203.69	205.69	205.69	3.31	3.31	-143.29	4.77	-1,299.62	1,299.62	1,292.05	7.58	171.520		
300.00	300.00	303.03	303.03	3.35	3.35	-143.30	4.77	-1,299.61	1,299.97	1,292.31	7.67	169.598		
400.00	399.93	454.79	454.72	3.42	3.46	-143.31	7.52	-1,296.46	1,300.70	1,292.87	7.83	166.068		
500.00	499.68	606.54	605.95	3.51	3.62	-143.24	15.54	-1,287.27	1,300.25	1,292.19	8.06	161.381		
600.00	599.13	758.06	756.11	3.62	3.84	-143.08	28.79	-1,272.08	1,298.62	1,290.28	8.35	155.571		
700.00	698.15	909.17	904.59	3.76	4.14	-142.85	47.18	-1,250.99	1,295.84	1,287.13	8.71	148.775		
800.00	796.63	1,059.68	1,050.81	3.94	4.53	-142.54	70.59	-1,224.15	1,291.92	1,282.76	9.16	141.000		
900.00	894.53	1,186.42	1,172.45	4.15	4.94	-142.20	93.97	-1,197.36	1,287.00	1,277.33	9.66	133.174		
1,000.00	992.33	1,286.06	1,267.83	4.40	5.31	-141.89	112.91	-1,175.64	1,281.91	1,271.73	10.18	125.941		
1,100.00	1,090.13	1,385.69	1,363.20	4.68	5.71	-141.59	131.85	-1,153.93	1,276.86	1,266.13	10.73	118.948		
1,200.00	1,187.94	1,485.32	1,458.58	4.97	6.12	-141.27	150.79	-1,132.21	1,271.85	1,260.53	11.32	112.318		
1,300.00	1,285.74	1,584.95	1,553.96	5.28	6.55	-140.96	169.73	-1,110.50	1,266.88	1,254.93	11.95	106.045		
1,400.00	1,383.54	1,684.59	1,649.33	5.60	7.00	-140.64	188.67	-1,088.79	1,261.95	1,249.35	12.59	100.197		
1,500.00	1,481.35	1,784.22	1,744.71	5.94	7.45	-140.32	207.61	-1,067.07	1,257.05	1,243.79	13.27	94.763		
1,600.00	1,579.15	1,883.85	1,840.08	6.29	7.75	-140.00	226.55	-1,045.36	1,252.19	1,238.56	13.63	91.848		
1,700.00	1,676.96	1,983.49	1,935.46	6.64	7.85	-139.68	245.49	-1,023.64	1,247.38	1,233.36	14.02	88.964		
1,800.00	1,774.76	2,083.12	2,030.83	7.01	7.94	-139.35	264.43	-1,001.93	1,242.60	1,228.19	14.41	86.240		
1,900.00	1,872.56	2,182.75	2,126.21	7.21	8.05	-139.02	283.37	-980.22	1,237.87	1,223.40	14.47	85.576		
2,000.00	1,970.37	2,282.38	2,221.58	7.26	8.18	-138.69	302.31	-958.50	1,233.17	1,218.55	14.62	84.355		
2,100.00	2,068.17	2,382.02	2,316.96	7.32	8.33	-138.36	321.25	-936.79	1,228.52	1,213.71	14.81	82.954		
2,200.00	2,165.98	2,481.65	2,412.33	7.41	8.51	-138.02	340.19	-915.07	1,223.91	1,208.87	15.04	81.398		
2,300.00	2,263.78	2,581.28	2,507.71	7.51	8.69	-137.68	359.13	-893.36	1,219.34	1,204.05	15.30	79.712		
2,400.00	2,361.58	2,680.91	2,603.09	7.62	8.90	-137.34	378.07	-871.65	1,214.82	1,199.23	15.59	77.921		
2,500.00	2,459.39	2,780.55	2,698.46	7.75	9.12	-137.00	397.01	-849.93	1,210.34	1,194.42	15.91	76.052		
2,600.00	2,557.19	2,880.18	2,793.84	7.90	9.36	-136.65	415.95	-828.22	1,205.90	1,189.63	16.27	74.126		
2,700.00	2,654.99	2,979.81	2,889.21	8.05	9.60	-136.30	434.89	-806.50	1,201.51	1,184.86	16.65	72.165		
2,800.00	2,752.80	3,079.45	2,984.59	8.22	9.86	-135.95	453.83	-784.79	1,197.16	1,180.11	17.06	70.189		
2,900.00	2,850.60	3,179.08	3,079.96	8.41	10.14	-135.59	472.77	-763.08	1,192.86	1,175.38	17.49	68.213		
3,000.00	2,948.41	3,278.71	3,175.34	8.60	10.42	-135.24	491.71	-741.36	1,188.61	1,170.67	17.94	66.252		
3,100.00	3,046.21	3,378.34	3,270.71	8.80	10.71	-134.88	510.65	-719.65	1,184.40	1,165.99	18.42	64.317		
3,200.00	3,144.01	3,477.98	3,366.09	9.02	11.01	-134.52	529.59	-697.93	1,180.24	1,161.33	18.91	62.417		
3,300.00	3,241.82	3,577.61	3,461.46	9.24	11.32	-134.15	548.53	-676.22	1,176.13	1,156.71	19.42	60.559		
3,400.00	3,339.62	3,677.24	3,556.84	9.47	11.64	-133.78	567.47	-654.51	1,172.06	1,152.11	19.95	58.750		
3,500.00	3,437.43	3,776.88	3,652.21	9.71	11.96	-133.41	586.41	-632.79	1,168.04	1,147.55	20.49	56.993		
3,600.00	3,535.23	3,876.51	3,747.59	9.96	12.29	-133.04	605.36	-611.08	1,164.08	1,143.02	21.05	55.291		
3,700.00	3,633.03	3,976.14	3,842.97	10.21	12.62	-132.67	624.30	-589.36	1,160.16	1,138.53	21.63	53.646		
3,800.00	3,730.84	4,075.77	3,938.34	10.47	12.96	-132.29	643.24	-567.65	1,156.29	1,134.08	22.21	52.058		
3,900.00	3,828.64	4,175.41	4,033.72	10.74	13.31	-131.91	662.18	-545.94	1,152.47	1,129.66	22.81	50.528		
4,000.00	3,926.44	4,275.04	4,129.09	11.01	13.66	-131.53	681.12	-524.22	1,148.71	1,125.29	23.42	49.056		
4,100.00	4,024.25	4,374.67	4,224.47	11.28	14.02	-131.14	700.06	-502.51	1,144.99	1,120.96	24.03	47.639		
4,200.00	4,122.05	4,474.31	4,319.84	11.56	14.37	-130.76	719.00	-480.79	1,141.33	1,116.67	24.66	46.278		
4,300.00	4,219.86	4,573.94	4,415.22	11.85	14.74	-130.37	737.94	-459.08	1,137.72	1,112.42	25.30	44.971		
4,400.00	4,317.66	4,673.57	4,510.59	12.14	15.10	-129.98	756.88	-437.37	1,134.16	1,108.22	25.94	43.715		
4,500.00	4,415.46	4,773.20	4,605.97	12.43	15.47	-129.58	775.82	-415.65	1,130.66	1,104.06	26.60	42.510		
4,600.00	4,513.27	4,872.84	4,701.34	12.72	15.84	-129.19	794.76	-393.94	1,127.21	1,099.95	27.26	41.353		
4,700.00	4,611.07	4,972.47	4,796.72	13.02	16.22	-128.79	813.70	-372.23	1,123.82	1,095.89	27.93	40.243		
4,800.00	4,708.88	5,072.10	4,892.09	13.32	16.59	-128.38	832.64	-350.51	1,120.48	1,091.88	28.60	39.178		
4,900.00	4,806.68	5,171.74	4,987.47	13.63	16.97	-127.98	851.58	-328.80	1,117.20	1,087.92	29.28	38.155		
5,000.00	4,904.48	5,271.37	5,082.85	13.94	17.36	-127.57	870.52	-307.08	1,113.97	1,084.00	29.97	37.174		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,002.29	5,371.00	5,178.22	14.25	17.74	-127.17	889.46	-285.37	1,110.80	1,080.14	30.66	36.231		
5,200.00	5,100.09	5,470.63	5,273.60	14.56	18.13	-126.76	908.40	-263.66	1,107.68	1,076.33	31.36	35.326		
5,300.00	5,197.90	5,570.27	5,368.97	14.87	18.51	-126.34	927.34	-241.94	1,104.63	1,072.57	32.06	34.457		
5,400.00	5,295.70	5,669.90	5,464.35	15.19	18.90	-125.93	946.28	-220.23	1,101.63	1,068.86	32.77	33.622		
5,500.00	5,393.50	5,769.53	5,559.72	15.51	19.29	-125.51	965.22	-198.51	1,098.69	1,065.21	33.48	32.819		
5,600.00	5,491.31	5,869.16	5,655.10	15.83	19.69	-125.09	984.16	-176.80	1,095.81	1,061.62	34.19	32.047		
5,700.00	5,589.11	5,968.80	5,750.47	16.15	20.08	-124.67	1,003.10	-155.09	1,092.99	1,058.08	34.91	31.305		
5,800.00	5,686.91	6,068.43	5,845.85	16.47	20.47	-124.24	1,022.04	-133.37	1,090.23	1,054.59	35.64	30.592		
5,900.00	5,784.72	6,168.06	5,941.22	16.80	20.87	-123.82	1,040.98	-111.66	1,087.53	1,051.16	36.37	29.905		
6,000.00	5,882.52	6,267.70	6,036.60	17.12	21.27	-123.39	1,059.92	-89.94	1,084.89	1,047.79	37.10	29.244		
6,100.00	5,980.33	6,367.33	6,131.98	17.45	21.67	-122.96	1,078.86	-68.23	1,082.31	1,044.48	37.83	28.607		
6,200.00	6,078.13	6,466.96	6,227.35	17.78	22.07	-122.53	1,097.80	-46.52	1,079.79	1,041.22	38.57	27.994		
6,300.00	6,175.93	6,566.59	6,322.73	18.11	22.47	-122.09	1,116.74	-24.80	1,077.34	1,038.02	39.31	27.403		
6,400.00	6,273.74	6,666.23	6,418.10	18.44	22.87	-121.66	1,135.68	-3.09	1,074.95	1,034.89	40.06	26.833		
6,499.99	6,371.53	6,765.86	6,513.49	18.77	23.27	-121.23	1,154.62	18.12	1,072.56	1,032.50	40.81	26.263		
6,600.00	6,470.24	6,865.49	6,613.18	19.10	23.67	-120.80	1,173.56	37.21	1,070.17	1,030.11	41.56	25.693		
6,700.00	6,569.10	6,965.12	6,712.87	19.43	24.07	-120.37	1,192.50	66.26	1,067.78	1,027.72	42.31	25.123		
6,800.00	6,665.69	7,064.75	6,810.46	19.76	24.47	-119.94	1,211.44	95.31	1,065.39	1,025.33	43.06	24.553		
6,900.00	6,757.63	7,164.38	6,902.09	20.09	24.87	-119.51	1,230.38	124.36	1,063.00	1,022.94	43.81	23.983		
7,000.00	6,842.65	7,263.91	6,987.10	20.42	25.27	-119.08	1,249.32	153.41	1,060.61	1,020.55	44.56	23.413		
7,100.00	6,918.67	7,363.54	7,062.11	20.75	25.67	-118.65	1,268.26	182.46	1,058.22	1,018.16	45.31	22.843		
7,200.00	6,983.80	7,463.17	7,127.12	21.08	26.07	-118.22	1,287.20	211.51	1,055.83	1,015.77	46.06	22.273		
7,300.00	7,036.46	7,562.80	7,182.13	21.41	26.47	-117.79	1,306.14	240.56	1,053.44	1,013.38	46.81	21.703		
7,400.00	7,075.33	7,662.43	7,227.14	21.74	26.87	-117.36	1,325.08	269.61	1,051.05	1,010.99	47.56	21.133		
7,500.00	7,099.46	7,762.06	7,252.15	22.07	27.27	-116.93	1,344.02	298.66	1,048.66	1,008.60	48.31	20.563		
7,600.00	7,108.27	7,861.69	7,257.16	22.40	27.67	-116.50	1,362.96	327.71	1,046.27	1,006.21	49.06	20.000		
7,700.00	7,105.75	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
7,780.87	7,103.29	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
7,800.00	7,102.70	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
7,900.00	7,099.65	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,000.00	7,096.60	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,100.00	7,093.55	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,200.00	7,090.50	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,300.00	7,087.45	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,400.00	7,084.40	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,500.00	7,081.35	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,600.00	7,078.30	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,700.00	7,075.25	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,800.00	7,072.20	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
8,900.00	7,069.15	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,000.00	7,066.10	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,100.00	7,063.05	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,200.00	7,060.00	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,300.00	7,056.95	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,400.00	7,053.90	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,500.00	7,050.85	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,600.00	7,047.80	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,700.00	7,044.75	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,800.00	7,041.70	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
9,900.00	7,038.65	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
10,000.00	7,035.60	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		
10,100.00	7,032.55	7,961.32	7,252.17	22.73	28.07	-116.07	1,381.90	356.76	1,043.88	1,003.82	49.81	19.430		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
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	7,029.50	6,714.06	6,463.89	51.86	23.06	25.85	1,144.77	7.34	2,320.50	2,275.56	44.95	51.627	
10,300.00	7,026.45	6,689.40	6,440.28	53.42	22.96	24.71	1,140.09	1.96	2,415.83	2,370.85	44.98	53.706	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	-89.78	5.14	-1,319.38	1,319.39					
100.00	100.00	102.00	102.00	3.28	3.28	-89.78	5.14	-1,319.38	1,319.39	1,311.86	7.53	175.239		
200.00	200.00	203.05	203.05	3.31	3.31	-89.78	5.14	-1,319.38	1,319.39	1,311.82	7.57	174.179		
300.00	300.00	355.37	355.30	3.35	3.39	-143.19	7.92	-1,316.22	1,317.68	1,309.98	7.69	171.291		
400.00	399.93	507.29	506.70	3.42	3.52	-143.01	16.03	-1,307.04	1,314.45	1,306.58	7.87	167.005		
500.00	499.68	658.62	656.66	3.51	3.72	-142.75	29.38	-1,291.92	1,310.09	1,301.97	8.12	161.393		
600.00	599.13	809.16	804.58	3.62	3.99	-142.40	47.84	-1,271.02	1,304.62	1,296.18	8.44	154.575		
700.00	698.15	958.74	949.90	3.76	4.37	-141.98	71.25	-1,244.51	1,298.10	1,289.25	8.86	146.582		
800.00	796.63	1,100.38	1,085.64	3.94	4.84	-141.51	98.00	-1,214.22	1,290.62	1,281.26	9.36	137.916		
900.00	894.53	1,199.81	1,180.35	4.15	5.22	-141.18	118.05	-1,191.52	1,284.20	1,274.35	9.86	130.292		
1,000.00	992.33	1,300.70	1,275.11	4.40	5.64	-140.81	138.10	-1,168.81	1,278.20	1,267.79	10.41	122.760		
1,100.00	1,090.13	1,401.22	1,369.87	4.68	6.08	-140.44	158.15	-1,146.10	1,272.26	1,261.25	11.01	115.579		
1,200.00	1,187.94	1,501.74	1,464.62	4.97	6.53	-140.07	178.21	-1,123.40	1,266.37	1,254.73	11.64	108.808		
1,300.00	1,285.74	1,602.26	1,559.38	5.28	7.01	-139.69	198.26	-1,100.69	1,260.53	1,248.23	12.30	102.486		
1,400.00	1,383.54	1,702.78	1,654.14	5.60	7.49	-139.31	218.31	-1,077.98	1,254.75	1,241.76	12.99	96.619		
1,500.00	1,481.35	1,803.29	1,748.89	5.94	7.97	-138.93	238.37	-1,055.27	1,249.02	1,235.33	13.69	91.236		
1,600.00	1,579.15	1,903.81	1,843.65	6.29	8.25	-138.54	258.42	-1,032.56	1,243.35	1,229.30	14.05	88.500		
1,700.00	1,676.96	2,004.33	1,938.41	6.64	8.33	-138.15	278.47	-1,009.85	1,237.74	1,223.31	14.42	85.808		
1,800.00	1,774.76	2,104.85	2,033.16	7.01	8.43	-137.75	298.53	-987.14	1,232.18	1,217.35	14.83	83.085		
1,900.00	1,872.56	2,205.37	2,127.92	7.21	8.55	-137.36	318.58	-964.44	1,226.69	1,211.78	14.91	82.300		
2,000.00	1,970.37	2,305.88	2,222.68	7.26	8.70	-136.96	338.63	-941.73	1,221.25	1,206.17	15.08	80.999		
2,100.00	2,068.17	2,406.40	2,317.43	7.32	8.86	-136.55	358.69	-919.02	1,215.88	1,200.59	15.29	79.534		
2,200.00	2,165.98	2,506.92	2,412.19	7.41	9.05	-136.14	378.74	-896.31	1,210.56	1,195.03	15.53	77.931		
2,300.00	2,263.78	2,607.44	2,506.95	7.51	9.25	-135.73	398.79	-873.60	1,205.31	1,189.50	15.81	76.214		
2,400.00	2,361.58	2,707.96	2,601.70	7.62	9.47	-135.31	418.85	-850.89	1,200.13	1,184.00	16.13	74.407		
2,500.00	2,459.39	2,808.48	2,696.46	7.75	9.70	-134.90	438.90	-828.19	1,195.00	1,178.53	16.48	72.534		
2,600.00	2,557.19	2,891.01	2,791.22	7.90	9.90	-134.47	458.95	-805.48	1,189.94	1,173.13	16.81	70.789		
2,700.00	2,654.99	3,009.51	2,885.97	8.05	10.21	-134.05	479.01	-782.77	1,184.95	1,167.70	17.25	68.677		
2,800.00	2,752.80	3,089.97	2,980.73	8.22	10.43	-133.62	499.06	-760.06	1,180.02	1,162.39	17.63	66.922		
2,900.00	2,850.60	3,189.45	3,075.49	8.41	10.71	-133.18	519.11	-737.35	1,175.16	1,157.08	18.08	64.991		
3,000.00	2,948.41	3,288.93	3,170.24	8.60	11.00	-132.75	539.17	-714.64	1,170.37	1,151.82	18.55	63.079		
3,100.00	3,046.21	3,388.42	3,265.00	8.80	11.30	-132.31	559.22	-691.93	1,165.65	1,146.60	19.05	61.198		
3,200.00	3,144.01	3,487.90	3,359.76	9.02	11.61	-131.86	579.27	-669.23	1,161.00	1,141.44	19.56	59.354		
3,300.00	3,241.82	3,587.38	3,454.51	9.24	11.93	-131.42	599.33	-646.52	1,156.42	1,136.32	20.09	57.556		
3,400.00	3,339.62	3,686.86	3,549.27	9.47	12.26	-130.96	619.38	-623.81	1,151.90	1,131.26	20.64	55.807		
3,500.00	3,437.43	3,786.34	3,644.03	9.71	12.59	-130.51	639.43	-601.10	1,147.47	1,126.26	21.21	54.111		
3,600.00	3,535.23	3,885.83	3,738.78	9.96	12.93	-130.05	659.49	-578.39	1,143.10	1,121.32	21.79	52.471		
3,700.00	3,633.03	3,985.31	3,833.54	10.21	13.27	-129.59	679.54	-555.68	1,138.81	1,116.43	22.38	50.887		
3,800.00	3,730.84	4,084.79	3,928.30	10.47	13.62	-129.13	699.59	-532.97	1,134.60	1,111.61	22.99	49.360		
3,900.00	3,828.64	4,184.27	4,023.05	10.74	13.98	-128.66	719.65	-510.27	1,130.45	1,106.85	23.60	47.891		
4,000.00	3,926.44	4,283.75	4,117.81	11.01	14.34	-128.19	739.70	-487.56	1,126.39	1,102.16	24.24	46.478		
4,100.00	4,024.25	4,383.24	4,212.57	11.28	14.70	-127.71	759.75	-464.85	1,122.40	1,097.53	24.88	45.120		
4,200.00	4,122.05	4,482.72	4,307.32	11.56	15.07	-127.23	779.81	-442.14	1,118.50	1,092.97	25.53	43.817		
4,300.00	4,219.86	4,582.20	4,402.08	11.85	15.45	-126.75	799.86	-419.43	1,114.67	1,088.48	26.19	42.567		
4,400.00	4,317.66	4,681.68	4,496.84	12.14	15.82	-126.27	819.91	-396.72	1,110.92	1,084.06	26.86	41.367		
4,500.00	4,415.46	4,781.16	4,591.59	12.43	16.20	-125.78	839.97	-374.02	1,107.25	1,079.72	27.53	40.216		
4,600.00	4,513.27	4,880.65	4,686.35	12.72	16.59	-125.29	860.02	-351.31	1,103.66	1,075.45	28.22	39.113		
4,700.00	4,611.07	4,980.13	4,781.11	13.02	16.97	-124.79	880.07	-328.60	1,100.16	1,071.25	28.91	38.056		
4,800.00	4,708.88	5,079.61	4,875.86	13.32	17.36	-124.30	900.13	-305.89	1,096.74	1,067.13	29.61	37.042		
4,900.00	4,806.68	5,179.09	4,970.62	13.63	17.75	-123.80	920.18	-283.18	1,093.40	1,063.08	30.31	36.070		
5,000.00	4,904.48	5,278.57	5,065.38	13.94	18.14	-123.29	940.23	-260.47	1,090.14	1,059.12	31.03	35.138		
5,100.00	5,002.29	5,378.05	5,160.13	14.25	18.54	-122.79	960.29	-237.76	1,086.98	1,055.23	31.74	34.244		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	5,100.09	5,477.54	5,254.89	14.56	18.94	-122.28	980.34	-215.06	1,083.89	1,051.43	32.47	33.386	
5,300.00	5,197.90	5,577.02	5,349.65	14.87	19.33	-121.77	1,000.39	-192.35	1,080.90	1,047.70	33.19	32.563	
5,400.00	5,295.70	5,676.50	5,444.40	15.19	19.74	-121.25	1,020.45	-169.64	1,077.99	1,044.06	33.93	31.774	
5,500.00	5,393.50	5,775.98	5,539.16	15.51	20.14	-120.73	1,040.50	-146.93	1,075.17	1,040.51	34.66	31.016	
5,600.00	5,491.31	5,875.46	5,633.92	15.83	20.54	-120.21	1,060.55	-124.22	1,072.44	1,037.03	35.41	30.289	
5,700.00	5,589.11	5,974.95	5,728.68	16.15	20.95	-119.69	1,080.61	-101.51	1,069.80	1,033.65	36.15	29.590	
5,800.00	5,686.91	6,074.43	5,823.43	16.47	21.36	-119.17	1,100.66	-78.80	1,067.25	1,030.34	36.91	28.919	
5,900.00	5,784.72	6,173.91	5,918.19	16.80	21.76	-118.64	1,120.71	-56.10	1,064.79	1,027.13	37.66	28.274	
6,000.00	5,882.52	6,273.39	6,012.95	17.12	22.17	-118.11	1,140.77	-33.39	1,062.42	1,024.00	38.42	27.654	
6,100.00	5,980.33	6,372.87	6,107.70	17.45	22.58	-117.58	1,160.82	-10.68	1,060.15	1,020.97	39.18	27.058	
6,200.00	6,078.13	6,472.36	6,202.46	17.78	23.00	-117.04	1,180.87	12.03	1,057.96	1,018.02	39.95	26.485	
6,300.00	6,175.93	7,889.24	6,969.37	18.11	34.32	-68.29	1,347.05	962.47	1,014.15	977.38	36.77	27.582	
6,400.00	6,273.74	7,905.82	6,969.33	18.44	34.52	-66.63	1,347.12	979.05	931.52	893.15	38.37	24.275	
6,499.99	6,371.53	7,922.39	6,969.29	18.77	34.72	-64.95	1,347.20	995.62	852.30	812.05	40.25	21.174	
6,600.00	6,470.24	7,931.16	6,969.26	19.03	34.83	-5.88	1,347.24	1,004.39	776.80	734.47	42.33	18.353	
6,700.00	6,569.10	7,924.26	6,969.28	19.19	34.74	55.62	1,347.20	997.49	707.04	662.58	44.46	15.901	
6,800.00	6,665.69	7,901.86	6,969.34	19.30	34.47	78.17	1,347.10	975.09	646.37	599.85	46.52	13.894	
6,900.00	6,757.63	7,864.50	6,969.43	19.34	34.02	86.65	1,346.93	937.73	597.54	549.26	48.28	12.376	
7,000.00	6,842.65	7,813.12	6,969.55	19.33	33.41	89.05	1,346.70	886.35	562.12	512.64	49.48	11.361	
7,100.00	6,918.67	7,748.96	6,969.71	19.30	32.66	88.02	1,346.41	822.19	539.87	489.91	49.97	10.805	
7,200.00	6,983.80	7,673.62	6,969.89	19.25	31.81	85.04	1,346.07	746.85	528.72	478.94	49.78	10.621 SF	
7,300.00	7,036.46	7,586.33	6,968.74	19.23	30.84	81.06	1,345.38	659.59	525.19	476.04	49.15	10.686 ES	
7,328.97	7,049.19	7,560.26	6,966.60	19.24	30.56	79.78	1,344.80	633.61	525.02	476.10	48.92	10.732 CC	
7,400.00	7,075.33	7,498.58	6,957.41	19.26	29.89	76.61	1,342.56	572.69	525.98	477.73	48.26	10.900	
7,500.00	7,099.46	7,416.27	6,936.24	19.40	29.03	72.13	1,337.71	493.36	530.26	482.99	47.27	11.217	
7,600.00	7,108.27	7,338.13	6,907.04	19.68	28.24	67.75	1,331.20	421.23	537.22	490.86	46.37	11.586	
7,700.00	7,105.75	7,264.88	6,872.01	20.11	27.55	63.97	1,323.50	357.41	547.31	501.66	45.65	11.990	
7,800.00	7,102.70	7,200.00	6,835.16	20.71	26.97	60.31	1,315.48	304.65	564.34	519.24	45.11	12.511	
7,900.00	7,099.65	7,144.26	6,799.44	21.43	26.51	56.87	1,307.75	262.58	589.71	544.93	44.78	13.169	
8,000.00	7,096.60	7,100.00	6,768.60	22.26	26.16	54.01	1,301.11	231.55	623.91	579.23	44.67	13.966	
8,100.00	7,093.55	7,050.00	6,731.31	23.18	25.80	50.69	1,293.10	199.24	666.69	622.10	44.59	14.951	
8,200.00	7,090.50	7,017.78	6,706.01	24.18	25.58	48.54	1,287.68	180.04	717.39	672.65	44.74	16.036	
8,300.00	7,087.45	6,986.36	6,680.46	25.24	25.37	46.46	1,282.21	162.60	775.11	730.21	44.90	17.264	
8,400.00	7,084.40	6,950.00	6,649.87	26.37	25.14	44.07	1,275.68	144.06	838.94	793.92	45.01	18.637	
8,500.00	7,081.35	6,934.92	6,636.89	27.55	25.05	43.09	1,272.92	136.90	907.65	862.39	45.26	20.055	
8,600.00	7,078.30	6,913.73	6,618.38	28.78	24.93	41.74	1,268.97	127.38	980.70	935.28	45.42	21.591	
8,700.00	7,075.25	6,900.00	6,606.23	30.05	24.85	40.88	1,266.39	121.54	1,057.33	1,011.75	45.58	23.197	
8,800.00	7,072.20	6,878.21	6,586.69	31.36	24.74	39.53	1,262.23	112.84	1,136.86	1,091.18	45.69	24.884	
8,900.00	7,069.15	6,850.00	6,560.98	32.70	24.59	37.82	1,256.77	102.59	1,219.10	1,173.34	45.75	26.645	
9,000.00	7,066.10	6,850.00	6,560.98	34.07	24.59	37.82	1,256.77	102.59	1,303.03	1,257.16	45.87	28.408	
9,100.00	7,063.05	6,850.00	6,560.98	35.46	24.59	37.82	1,256.77	102.59	1,389.08	1,343.13	45.95	30.229	
9,200.00	7,060.00	6,826.49	6,539.23	36.87	24.48	36.44	1,252.16	94.95	1,476.30	1,430.31	45.99	32.098	
9,300.00	7,056.95	6,816.42	6,529.83	38.31	24.44	35.86	1,250.16	91.93	1,564.98	1,518.94	46.04	33.992	
9,400.00	7,053.90	6,800.00	6,514.42	39.76	24.36	34.93	1,246.89	87.33	1,654.81	1,608.74	46.07	35.918	
9,500.00	7,050.85	6,800.00	6,514.42	41.23	24.36	34.93	1,246.89	87.33	1,745.49	1,699.39	46.11	37.858	
9,600.00	7,047.80	6,790.97	6,505.89	42.72	24.32	34.43	1,245.09	84.98	1,837.06	1,790.93	46.13	39.821	
9,700.00	7,044.75	6,783.78	6,499.08	44.22	24.29	34.04	1,243.65	83.19	1,929.36	1,883.20	46.16	41.802	
9,800.00	7,041.70	6,774.09	6,489.86	45.73	24.25	33.51	1,241.70	80.91	2,022.30	1,976.13	46.18	43.796	
9,900.00	7,038.65	6,760.83	6,477.23	47.25	24.20	32.80	1,239.02	77.88	2,115.76	2,069.56	46.20	45.799	
10,000.00	7,035.60	6,735.16	6,452.78	48.78	24.09	31.48	1,233.85	72.02	2,209.53	2,163.30	46.22	47.801	
10,100.00	7,032.55	6,709.49	6,428.33	50.32	23.98	30.23	1,228.67	66.16	2,303.54	2,257.28	46.25	49.803	
10,200.00	7,029.50	6,683.82	6,403.88	51.86	23.88	29.02	1,223.50	60.30	2,397.75	2,351.47	46.28	51.804	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft	
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft	
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,300.00	7,026.45	6,658.15	6,379.43	53.42	23.77	27.88	1,218.32	54.44	2,492.16	2,445.84	46.32	53.805			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.78	5.14	-1,339.43	1,339.44				
100.00	100.00	102.00	102.00	3.28	3.28	-89.78	5.14	-1,339.43	1,339.44	1,331.91	7.53	177.902	
200.00	200.00	202.00	202.00	3.31	3.31	-89.78	5.14	-1,339.43	1,339.44	1,331.86	7.57	176.833	
300.00	300.00	320.46	320.46	3.35	3.36	-143.28	5.52	-1,339.04	1,339.53	1,331.86	7.67	174.553	
400.00	399.93	470.30	470.13	3.42	3.48	-143.21	10.29	-1,334.17	1,339.09	1,331.25	7.84	170.734	
500.00	499.68	619.94	619.03	3.51	3.65	-143.06	20.50	-1,323.74	1,337.73	1,329.66	8.07	165.688	
600.00	599.13	769.17	766.57	3.62	3.87	-142.81	36.10	-1,307.81	1,335.47	1,327.10	8.37	159.495	
700.00	698.15	917.82	912.19	3.76	4.18	-142.47	56.96	-1,286.51	1,332.34	1,323.58	8.75	152.231	
800.00	796.63	1,065.72	1,055.34	3.94	4.60	-142.05	82.92	-1,259.99	1,328.36	1,319.14	9.23	143.965	
900.00	894.53	1,212.63	1,195.44	4.15	5.12	-141.49	113.80	-1,228.46	1,323.28	1,313.48	9.81	134.957	
1,000.00	992.33	1,308.63	1,286.35	4.40	5.51	-141.05	135.37	-1,206.42	1,317.12	1,306.77	10.36	127.196	
1,100.00	1,090.13	1,407.88	1,380.33	4.68	5.95	-140.59	157.69	-1,183.63	1,311.04	1,300.08	10.96	119.673	
1,200.00	1,187.94	1,507.13	1,474.32	4.97	6.41	-140.13	180.01	-1,160.83	1,305.04	1,293.45	11.59	112.563	
1,300.00	1,285.74	1,606.37	1,568.30	5.28	6.88	-139.66	202.33	-1,138.04	1,299.13	1,286.86	12.27	105.910	
1,400.00	1,383.54	1,705.62	1,662.28	5.60	7.37	-139.18	224.65	-1,115.24	1,293.31	1,280.34	12.97	99.734	
1,500.00	1,481.35	1,804.87	1,756.26	5.94	7.86	-138.70	246.97	-1,092.45	1,287.58	1,273.89	13.68	94.092	
1,600.00	1,579.15	1,904.12	1,850.24	6.29	8.14	-138.22	269.29	-1,069.65	1,281.94	1,267.88	14.06	91.204	
1,700.00	1,676.96	2,003.37	1,944.23	6.64	8.22	-137.74	291.61	-1,046.86	1,276.39	1,261.95	14.44	88.388	
1,800.00	1,774.76	2,102.62	2,038.21	7.01	8.32	-137.25	313.93	-1,024.07	1,270.93	1,256.07	14.86	85.539	
1,900.00	1,872.56	2,201.87	2,132.19	7.21	8.45	-136.75	336.25	-1,001.27	1,265.57	1,250.63	14.95	84.680	
2,000.00	1,970.37	2,301.12	2,226.17	7.26	8.61	-136.25	358.57	-978.48	1,260.31	1,245.17	15.13	83.292	
2,100.00	2,068.17	2,400.37	2,320.16	7.32	8.78	-135.75	380.89	-955.68	1,255.14	1,239.78	15.36	81.735	
2,200.00	2,165.98	2,499.62	2,414.14	7.41	8.97	-135.25	403.21	-932.89	1,250.07	1,234.45	15.62	80.038	
2,300.00	2,263.78	2,601.13	2,508.12	7.51	9.19	-134.73	425.53	-910.09	1,245.10	1,229.18	15.92	78.204	
2,400.00	2,361.58	2,701.88	2,602.10	7.62	9.42	-134.22	447.85	-887.30	1,240.23	1,223.97	16.26	76.289	
2,500.00	2,459.39	2,802.63	2,696.08	7.75	9.67	-133.70	470.17	-864.50	1,235.46	1,218.84	16.63	74.312	
2,600.00	2,557.19	2,903.38	2,790.07	7.90	9.93	-133.18	492.49	-841.71	1,230.80	1,213.77	17.02	72.296	
2,700.00	2,654.99	3,004.13	2,884.05	8.05	10.21	-132.65	514.81	-818.91	1,226.24	1,208.78	17.45	70.261	
2,800.00	2,752.80	3,104.88	2,978.03	8.22	10.50	-132.12	537.13	-796.12	1,221.78	1,203.87	17.91	68.227	
2,900.00	2,850.60	3,205.63	3,072.01	8.41	10.81	-131.59	559.45	-773.32	1,217.43	1,199.05	18.39	66.209	
3,000.00	2,948.41	3,293.62	3,166.00	8.60	11.08	-131.05	581.77	-750.53	1,213.19	1,194.34	18.85	64.348	
3,100.00	3,046.21	3,407.14	3,259.98	8.80	11.45	-130.51	604.09	-727.73	1,209.06	1,189.64	19.42	62.269	
3,200.00	3,144.01	3,492.11	3,353.96	9.02	11.73	-129.97	626.41	-704.94	1,205.04	1,185.12	19.91	60.514	
3,300.00	3,241.82	3,608.64	3,447.94	9.24	12.12	-129.42	648.73	-682.14	1,201.13	1,180.60	20.53	58.513	
3,400.00	3,339.62	3,690.61	3,541.93	9.47	12.41	-128.86	671.05	-659.35	1,197.33	1,176.28	21.05	56.886	
3,500.00	3,437.43	3,789.86	3,635.91	9.71	12.76	-128.31	693.37	-636.55	1,193.64	1,172.00	21.64	55.159	
3,600.00	3,535.23	3,889.11	3,729.89	9.96	13.11	-127.75	715.69	-613.76	1,190.07	1,167.82	22.25	53.493	
3,700.00	3,633.03	3,988.36	3,823.87	10.21	13.47	-127.19	738.01	-590.96	1,186.62	1,163.75	22.87	51.889	
3,800.00	3,730.84	4,087.61	3,917.85	10.47	13.84	-126.62	760.33	-568.17	1,183.28	1,159.77	23.50	50.346	
3,900.00	3,828.64	4,186.86	4,011.84	10.74	14.22	-126.05	782.65	-545.37	1,180.05	1,155.90	24.15	48.865	
4,000.00	3,926.44	4,286.11	4,105.82	11.01	14.59	-125.48	804.97	-522.58	1,176.95	1,152.14	24.81	47.444	
4,100.00	4,024.25	4,385.36	4,199.80	11.28	14.98	-124.91	827.29	-499.78	1,173.96	1,148.49	25.48	46.082	
4,200.00	4,122.05	4,484.61	4,293.78	11.56	15.36	-124.33	849.61	-476.99	1,171.10	1,144.94	26.15	44.777	
4,300.00	4,219.86	4,583.86	4,387.77	11.85	15.75	-123.75	871.93	-454.19	1,168.35	1,141.51	26.84	43.528	
4,400.00	4,317.66	4,683.11	4,481.75	12.14	16.14	-123.17	894.25	-431.40	1,165.73	1,138.20	27.54	42.332	
4,500.00	4,415.46	4,782.36	4,575.73	12.43	16.54	-122.59	916.57	-408.61	1,163.23	1,134.99	28.24	41.188	
4,600.00	4,513.27	4,881.61	4,669.71	12.72	16.94	-122.00	938.89	-385.81	1,160.86	1,131.90	28.95	40.093	
4,700.00	4,611.07	4,980.86	4,763.70	13.02	17.34	-121.41	961.21	-363.02	1,158.61	1,128.93	29.67	39.046	
4,800.00	4,708.88	5,080.11	4,857.68	13.32	17.75	-120.82	983.53	-340.22	1,156.48	1,126.08	30.40	38.044	
4,900.00	4,806.68	5,179.36	4,951.66	13.63	18.15	-120.22	1,005.85	-317.43	1,154.48	1,123.35	31.13	37.085	
5,000.00	4,904.48	5,278.60	5,045.64	13.94	18.56	-119.63	1,028.17	-294.63	1,152.60	1,120.73	31.87	36.167	
5,100.00	5,002.29	5,377.85	5,139.62	14.25	18.97	-119.03	1,050.49	-271.84	1,150.85	1,118.24	32.61	35.289	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	5,100.09	5,477.10	5,233.61	14.56	19.39	-118.43	1,072.81	-249.04	1,149.23	1,115.87	33.36	34.448	
5,300.00	5,197.90	5,576.35	5,327.59	14.87	19.80	-117.83	1,095.13	-226.25	1,147.74	1,113.63	34.11	33.644	
5,400.00	5,295.70	5,675.60	5,421.57	15.19	20.22	-117.23	1,117.45	-203.45	1,146.38	1,111.50	34.87	32.873	
5,500.00	5,393.50	5,774.85	5,515.55	15.51	20.64	-116.62	1,139.77	-180.66	1,145.14	1,109.51	35.64	32.135	
5,600.00	5,491.31	5,874.10	5,609.54	15.83	21.06	-116.02	1,162.09	-157.86	1,144.04	1,107.63	36.40	31.428	
5,700.00	5,589.11	5,973.35	5,703.52	16.15	21.48	-115.41	1,184.41	-135.07	1,143.06	1,105.89	37.17	30.750	
5,800.00	5,686.91	6,072.60	5,797.50	16.47	21.90	-114.80	1,206.73	-112.27	1,142.21	1,104.27	37.95	30.101	
5,900.00	5,784.72	6,171.85	5,891.48	16.80	22.33	-114.19	1,229.05	-89.48	1,141.50	1,102.77	38.72	29.478	
6,000.00	5,882.52	6,271.10	5,985.47	17.12	22.75	-113.59	1,251.37	-66.68	1,140.91	1,101.41	39.50	28.881	
6,100.00	5,980.33	6,370.35	6,079.45	17.45	23.18	-112.98	1,273.69	-43.89	1,140.46	1,100.17	40.29	28.308	
6,200.00	6,078.13	6,469.60	6,173.43	17.78	23.61	-112.37	1,296.01	-21.09	1,140.14	1,099.06	41.07	27.758	
6,300.00	6,175.93	6,568.85	6,267.41	18.11	24.03	-111.76	1,318.33	1.70	1,139.94	1,098.08	41.86	27.231	
6,396.31	6,270.13	6,664.43	6,357.93	18.43	24.45	-111.17	1,339.83	23.66	1,139.88	1,097.26	42.62	26.743	
6,400.00	6,273.74	6,668.10	6,361.39	18.44	24.46	-111.15	1,340.65	24.50	1,139.88	1,097.23	42.65	26.724	
6,499.99	6,371.53	8,140.80	7,169.61	18.77	36.03	-65.26	1,536.65	994.19	1,127.86	1,087.36	40.50	27.850	
6,600.00	6,470.24	8,149.68	7,169.59	19.03	36.13	-6.00	1,536.69	1,003.06	1,051.09	1,008.97	42.12	24.954	
6,700.00	6,569.10	8,142.88	7,169.60	19.19	36.05	56.49	1,536.66	996.26	978.18	934.47	43.71	22.377	
6,800.00	6,665.69	8,120.57	7,169.64	19.30	35.79	80.69	1,536.55	973.96	911.73	866.52	45.20	20.170	
6,900.00	6,757.63	8,083.31	7,169.69	19.34	35.35	91.32	1,536.36	936.70	853.85	807.35	46.50	18.364	
7,000.00	6,842.65	8,032.01	7,169.77	19.33	34.76	96.32	1,536.11	885.40	805.96	758.47	47.50	16.969	
7,100.00	6,918.67	7,967.93	7,169.86	19.30	34.04	98.23	1,535.80	821.32	768.55	720.43	48.13	15.969	
7,200.00	6,983.80	7,892.65	7,169.97	19.25	33.21	98.29	1,535.43	746.04	741.10	692.72	48.38	15.319	
7,300.00	7,036.46	7,755.81	7,159.98	19.23	31.75	94.82	1,532.36	609.84	719.95	671.42	48.53	14.836	
7,400.00	7,075.33	7,626.98	7,125.23	19.26	30.43	90.61	1,523.50	486.32	700.09	651.67	48.43	14.457	
7,500.00	7,099.46	7,519.45	7,078.18	19.40	29.41	86.59	1,511.89	390.48	683.51	635.45	48.07	14.221	
7,600.00	7,108.27	7,425.86	7,024.94	19.68	28.59	82.60	1,498.91	314.71	671.32	623.73	47.58	14.109	
7,700.00	7,105.75	7,344.69	6,970.44	20.11	27.93	78.12	1,485.73	256.10	664.16	617.03	47.14	14.090 SF	
7,749.08	7,104.26	7,311.09	6,945.83	20.40	27.68	75.99	1,479.80	234.02	663.17	616.17	46.99	14.112 CC, ES	
7,800.00	7,102.70	7,280.04	6,922.10	20.71	27.46	73.94	1,474.10	214.82	664.33	617.48	46.86	14.177	
7,900.00	7,099.65	7,228.53	6,880.82	21.43	27.12	70.36	1,464.19	185.67	674.05	627.31	46.74	14.421	
8,000.00	7,096.60	7,187.02	6,845.97	22.26	26.86	67.37	1,455.85	164.74	694.38	647.63	46.75	14.853	
8,100.00	7,093.55	7,150.00	6,813.82	23.18	26.64	64.64	1,448.17	148.08	725.41	678.57	46.83	15.489	
8,200.00	7,090.50	7,125.09	6,791.68	24.18	26.50	62.80	1,442.89	137.96	766.44	719.43	47.01	16.304	
8,300.00	7,087.45	7,100.00	6,769.01	25.24	26.37	60.93	1,437.48	128.68	816.40	769.23	47.18	17.305	
8,400.00	7,084.40	7,081.65	6,752.21	26.37	26.28	59.57	1,433.48	122.48	874.04	826.67	47.36	18.454	
8,500.00	7,081.35	7,064.57	6,736.42	27.55	26.20	58.30	1,429.72	117.15	938.12	890.60	47.52	19.740	
8,600.00	7,078.30	7,050.00	6,722.85	28.78	26.13	57.23	1,426.49	112.95	1,007.55	959.89	47.66	21.139	
8,700.00	7,075.25	7,036.86	6,710.53	30.05	26.07	56.27	1,423.57	109.44	1,081.39	1,033.61	47.78	22.632	
8,800.00	7,072.20	7,018.77	6,693.46	31.36	25.99	54.95	1,419.51	105.04	1,158.90	1,111.04	47.87	24.212	
8,900.00	7,069.15	7,009.85	6,685.01	32.70	25.95	54.31	1,417.50	102.99	1,239.30	1,191.36	47.95	25.847	
9,000.00	7,066.10	6,984.06	6,660.59	34.07	25.84	52.49	1,411.71	97.07	1,321.98	1,273.99	47.99	27.546	
9,100.00	7,063.05	6,958.28	6,636.18	35.46	25.73	50.71	1,405.91	91.14	1,406.44	1,358.41	48.03	29.284	
9,200.00	7,060.00	6,932.49	6,611.76	36.87	25.61	48.99	1,400.11	85.22	1,492.37	1,444.32	48.06	31.053	
9,300.00	7,056.95	6,906.70	6,587.34	38.31	25.50	47.32	1,394.31	79.30	1,579.54	1,531.46	48.08	32.850	
9,400.00	7,053.90	6,880.92	6,562.92	39.76	25.39	45.70	1,388.51	73.37	1,667.75	1,619.65	48.11	34.669	
9,500.00	7,050.85	6,855.13	6,538.50	41.23	25.28	44.14	1,382.71	67.45	1,756.85	1,708.72	48.12	36.506	
9,600.00	7,047.80	6,829.34	6,514.08	42.72	25.16	42.63	1,376.91	61.53	1,846.70	1,798.56	48.14	38.360	
9,700.00	7,044.75	6,803.56	6,489.66	44.22	25.05	41.17	1,371.11	55.61	1,937.20	1,889.05	48.16	40.226	
9,800.00	7,041.70	6,777.77	6,465.25	45.73	24.94	39.76	1,365.31	49.68	2,028.27	1,980.10	48.17	42.103	
9,900.00	7,038.65	6,751.98	6,440.83	47.25	24.83	38.40	1,359.51	43.76	2,119.83	2,071.64	48.19	43.989	
10,000.00	7,035.60	6,726.19	6,416.41	48.78	24.72	37.09	1,353.71	37.84	2,211.82	2,163.61	48.21	45.883	
10,100.00	7,032.55	6,700.41	6,391.99	50.32	24.60	35.83	1,347.92	31.92	2,304.19	2,255.97	48.22	47.782	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	7,029.50	6,674.62	6,367.57	51.86	24.49	34.61	1,342.12	25.99	2,396.89	2,348.65	48.24	49.685	
10,300.00	7,026.45	6,648.83	6,343.15	53.42	24.38	33.44	1,336.32	20.07	2,489.89	2,441.63	48.26	51.591	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.69	-0.73	60.14	60.14				
100.00	100.00	101.00	101.00	3.28	3.28	90.69	-0.73	60.14	60.14	52.61	7.53	7.988	
200.00	200.00	201.00	201.00	3.31	3.31	90.69	-0.73	60.14	60.14	52.57	7.57	7.940	
300.00	300.00	301.00	301.00	3.35	3.35	37.45	-0.73	60.14	59.79	52.13	7.66	7.802	
400.00	399.93	399.65	399.63	3.42	3.42	38.24	0.57	61.29	58.17	50.38	7.79	7.466	
500.00	499.68	498.37	498.21	3.51	3.50	38.60	4.40	64.70	56.03	48.07	7.96	7.041	
600.00	599.13	597.13	596.60	3.62	3.61	38.49	10.78	70.37	53.35	45.19	8.16	6.537	
700.00	698.15	695.93	694.67	3.76	3.75	37.84	19.68	78.29	50.16	41.75	8.41	5.964	
800.00	796.63	794.76	792.30	3.94	3.91	36.49	31.12	88.46	46.45	37.75	8.70	5.338	
900.00	894.53	893.62	889.38	4.15	4.10	33.90	45.06	100.86	42.64	33.60	9.04	4.719	
998.14	990.51	990.61	983.94	4.40	4.33	28.05	61.17	115.19	41.13	31.75	9.38	4.385 CC	
1,000.00	992.33	992.45	985.73	4.40	4.34	27.91	61.50	115.48	41.14	31.75	9.39	4.382 ES	
1,100.00	1,090.13	1,092.08	1,082.33	4.68	4.61	19.81	79.71	131.68	42.04	32.27	9.77	4.303	
1,200.00	1,187.94	1,208.10	1,179.11	4.97	4.97	12.16	98.00	147.94	43.79	33.57	10.22	4.283	
1,300.00	1,285.74	1,308.28	1,275.88	5.28	5.30	5.21	116.28	164.20	46.26	35.58	10.68	4.333	
1,400.00	1,383.54	1,408.46	1,372.65	5.60	5.66	-0.96	134.57	180.47	49.34	38.17	11.16	4.419	
1,500.00	1,481.35	1,491.36	1,469.43	5.94	5.96	-6.35	152.85	196.73	52.92	41.27	11.65	4.544	
1,600.00	1,579.15	1,608.82	1,566.20	6.29	6.40	-11.03	171.13	212.99	56.91	44.65	12.26	4.641	
1,700.00	1,676.96	1,709.00	1,662.98	6.64	6.79	-15.07	189.42	229.25	61.22	48.36	12.86	4.760	
1,800.00	1,774.76	1,809.18	1,759.75	7.01	7.17	-18.56	207.70	245.51	65.80	52.32	13.48	4.881	
1,900.00	1,872.56	1,909.36	1,856.53	7.21	7.38	-21.59	225.99	261.78	70.60	57.15	13.45	5.249	
2,000.00	1,970.37	2,009.54	1,953.30	7.26	7.44	-24.23	244.27	278.04	75.56	62.01	13.56	5.574	
2,100.00	2,068.17	2,090.28	2,050.07	7.32	7.50	-26.54	262.56	294.30	80.67	66.98	13.69	5.892	
2,200.00	2,165.98	2,209.90	2,146.85	7.41	7.62	-28.58	280.84	310.56	85.89	72.01	13.88	6.187	
2,300.00	2,263.78	2,289.92	2,243.62	7.51	7.71	-30.37	299.12	326.82	91.20	77.13	14.08	6.478	
2,400.00	2,361.58	2,389.74	2,340.40	7.62	7.84	-31.97	317.41	343.09	96.60	82.28	14.32	6.744	
2,500.00	2,459.39	2,489.56	2,437.17	7.75	7.99	-33.40	335.69	359.35	102.06	87.46	14.60	6.991	
2,600.00	2,557.19	2,589.38	2,533.95	7.90	8.15	-34.68	353.98	375.61	107.58	92.68	14.90	7.218	
2,700.00	2,654.99	2,689.20	2,630.72	8.05	8.33	-35.84	372.26	391.87	113.15	97.91	15.24	7.426	
2,800.00	2,752.80	2,789.02	2,727.49	8.22	8.52	-36.89	390.54	408.13	118.76	103.16	15.60	7.614	
2,900.00	2,850.60	2,888.84	2,824.27	8.41	8.72	-37.84	408.83	424.40	124.41	108.42	15.98	7.784	
3,000.00	2,948.41	2,988.66	2,921.04	8.60	8.94	-38.71	427.11	440.66	130.08	113.69	16.39	7.937	
3,100.00	3,046.21	3,088.48	3,017.82	8.80	9.17	-39.51	445.40	456.92	135.79	118.97	16.82	8.074	
3,200.00	3,144.01	3,188.30	3,114.59	9.02	9.41	-40.24	463.68	473.18	141.52	124.25	17.27	8.197	
3,300.00	3,241.82	3,288.12	3,211.37	9.24	9.65	-40.92	481.97	489.44	147.27	129.54	17.73	8.305	
3,400.00	3,339.62	3,387.94	3,308.14	9.47	9.91	-41.54	500.25	505.71	153.04	134.82	18.22	8.401	
3,500.00	3,437.43	3,487.76	3,404.92	9.71	10.17	-42.12	518.53	521.97	158.82	140.11	18.71	8.486	
3,600.00	3,535.23	3,587.58	3,501.69	9.96	10.44	-42.66	536.82	538.23	164.62	145.39	19.23	8.561	
3,700.00	3,633.03	3,687.40	3,598.46	10.21	10.72	-43.16	555.10	554.49	170.44	150.68	19.76	8.627	
3,800.00	3,730.84	3,787.22	3,695.24	10.47	11.01	-43.63	573.39	570.75	176.26	155.97	20.29	8.685	
3,900.00	3,828.64	3,887.04	3,792.01	10.74	11.30	-44.07	591.67	587.02	182.10	161.26	20.85	8.736	
4,000.00	3,926.44	3,986.86	3,888.79	11.01	11.59	-44.48	609.96	603.28	187.95	166.54	21.41	8.780	
4,100.00	4,024.25	4,086.68	3,985.56	11.28	11.90	-44.87	628.24	619.54	193.81	171.83	21.98	8.819	
4,200.00	4,122.05	4,186.50	4,082.34	11.56	12.20	-45.24	646.52	635.80	199.67	177.11	22.56	8.852	
4,300.00	4,219.86	4,286.32	4,179.11	11.85	12.51	-45.58	664.81	652.06	205.54	182.40	23.15	8.881	
4,400.00	4,317.66	4,386.14	4,275.88	12.14	12.83	-45.90	683.09	668.33	211.42	187.68	23.74	8.905	
4,500.00	4,415.46	4,485.96	4,372.66	12.43	13.15	-46.21	701.38	684.59	217.31	192.97	24.34	8.927	
4,600.00	4,513.27	4,585.78	4,469.43	12.72	13.47	-46.50	719.66	700.85	223.20	198.25	24.95	8.945	
4,700.00	4,611.07	4,685.60	4,566.21	13.02	13.79	-46.78	737.95	717.11	229.10	203.53	25.57	8.960	
4,800.00	4,708.88	4,785.42	4,662.98	13.32	14.12	-47.04	756.23	733.37	235.00	208.81	26.19	8.973	
4,900.00	4,806.68	4,885.24	4,759.76	13.63	14.45	-47.29	774.51	749.64	240.91	214.09	26.82	8.983	
5,000.00	4,904.48	4,985.06	4,856.53	13.94	14.79	-47.52	792.80	765.90	246.82	219.37	27.45	8.992	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,002.29	5,084.88	4,953.31	14.25	15.12	-47.75	811.08	782.16	252.73	224.65	28.09	8.999	
5,200.00	5,100.09	5,184.70	5,050.08	14.56	15.46	-47.96	829.37	798.42	258.65	229.93	28.73	9.004	
5,300.00	5,197.90	5,284.52	5,146.85	14.87	15.80	-48.17	847.65	814.68	264.57	235.20	29.37	9.008	
5,400.00	5,295.70	5,384.34	5,243.63	15.19	16.15	-48.37	865.94	830.95	270.50	240.48	30.02	9.011	
5,500.00	5,393.50	5,484.16	5,340.40	15.51	16.49	-48.56	884.22	847.21	276.43	245.76	30.67	9.013	
5,600.00	5,491.31	5,583.98	5,437.18	15.83	16.84	-48.74	902.50	863.47	282.36	251.03	31.33	9.013	
5,700.00	5,589.11	5,683.80	5,533.95	16.15	17.19	-48.91	920.79	879.73	288.30	256.31	31.99	9.013	
5,800.00	5,686.91	5,783.62	5,630.73	16.47	17.54	-49.08	939.07	895.99	294.23	261.59	32.65	9.013	
5,900.00	5,784.72	5,883.44	5,727.50	16.80	17.89	-49.24	957.36	912.26	300.17	266.86	33.31	9.011	
6,000.00	5,882.52	5,983.26	5,824.27	17.12	18.24	-49.39	975.64	928.52	306.11	272.13	33.98	9.009	
6,100.00	5,980.33	6,083.08	5,921.05	17.45	18.59	-49.54	993.93	944.78	312.06	277.41	34.65	9.007	
6,200.00	6,078.13	6,182.90	6,017.82	17.78	18.95	-49.68	1,012.21	961.04	318.00	282.68	35.32	9.004	
6,300.00	6,175.93	6,282.72	6,114.60	18.11	19.31	-49.81	1,030.49	977.30	323.95	287.96	35.99	9.001	
6,400.00	6,273.74	6,382.54	6,211.37	18.44	19.66	-49.95	1,048.78	993.57	329.90	293.23	36.67	8.997	
6,499.99	6,371.53	6,482.35	6,308.14	18.77	20.02	-50.07	1,067.06	1,009.83	335.85	298.50	37.35	8.993	
6,600.00	6,470.24	6,581.81	6,404.56	19.03	20.38	-1.60	1,085.28	1,026.03	342.18	304.35	37.83	9.045	
6,700.00	6,569.10	6,678.89	6,498.67	19.19	20.73	54.74	1,103.06	1,041.84	350.14	312.13	38.01	9.211	
6,800.00	6,665.69	6,782.99	6,600.48	19.30	21.02	76.75	1,122.37	1,050.55	360.78	322.75	38.03	9.488	
6,900.00	6,757.63	6,893.23	6,708.24	19.34	21.25	87.51	1,142.97	1,041.26	373.15	335.15	38.00	9.820	
7,000.00	6,842.65	7,010.20	6,818.99	19.33	21.40	94.34	1,164.32	1,010.90	386.40	348.49	37.91	10.192	
7,100.00	6,918.67	7,134.34	6,928.42	19.30	21.47	99.15	1,185.63	956.73	399.47	361.73	37.74	10.584	
7,200.00	6,983.80	7,265.59	7,030.52	19.25	21.46	102.59	1,205.77	877.14	411.24	373.71	37.53	10.957	
7,300.00	7,036.46	7,403.16	7,117.94	19.23	21.37	104.88	1,223.33	772.73	420.61	383.20	37.42	11.241	
7,400.00	7,075.33	7,545.34	7,182.97	19.26	21.24	106.12	1,236.81	647.34	426.69	389.09	37.59	11.350	
7,500.00	7,099.46	7,689.64	7,219.39	19.40	21.11	106.35	1,244.96	508.27	428.90	390.70	38.20	11.228	
7,600.00	7,108.27	7,822.18	7,225.48	19.68	21.20	105.77	1,247.27	376.09	427.46	388.33	39.13	10.925	
7,667.03	7,108.04	7,889.20	7,224.10	19.96	21.48	105.63	1,247.60	309.09	427.07	387.41	39.66	10.769	
7,700.00	7,105.75	7,922.18	7,223.42	20.11	21.66	105.83	1,247.76	276.12	427.74	387.84	39.89	10.722	
7,800.00	7,102.70	8,022.17	7,221.37	20.71	22.31	105.95	1,248.24	176.15	428.23	387.33	40.90	10.470	
7,900.00	7,099.65	8,122.17	7,219.32	21.43	23.09	106.07	1,248.72	76.18	428.72	386.59	42.13	10.175	
8,000.00	7,096.60	8,222.16	7,217.26	22.26	23.96	106.19	1,249.21	-23.80	429.22	385.64	43.57	9.850	
8,100.00	7,093.55	8,322.15	7,215.21	23.18	24.90	106.31	1,249.69	-123.77	429.71	384.51	45.20	9.507	
8,200.00	7,090.50	8,422.15	7,213.16	24.18	25.91	106.43	1,250.17	-223.74	430.21	383.22	46.99	9.156	
8,300.00	7,087.45	8,522.14	7,211.10	25.24	26.98	106.54	1,250.66	-323.71	430.71	381.79	48.93	8.803	
8,400.00	7,084.40	8,622.14	7,209.05	26.37	28.11	106.66	1,251.14	-423.69	431.21	380.22	50.99	8.457	
8,500.00	7,081.35	8,722.13	7,207.00	27.55	29.28	106.78	1,251.62	-523.66	431.72	378.55	53.17	8.119	
8,600.00	7,078.30	8,822.13	7,204.95	28.78	30.50	106.90	1,252.11	-623.63	432.22	376.78	55.45	7.795	
8,700.00	7,075.25	8,922.12	7,202.89	30.05	31.76	107.02	1,252.59	-723.60	432.73	374.92	57.81	7.485	
8,800.00	7,072.20	9,022.12	7,200.84	31.36	33.05	107.13	1,253.07	-823.58	433.24	372.99	60.26	7.190	
8,900.00	7,069.15	9,122.11	7,198.79	32.70	34.37	107.25	1,253.56	-923.55	433.75	370.99	62.77	6.911	
9,000.00	7,066.10	9,222.11	7,196.73	34.07	35.72	107.37	1,254.04	-1,023.52	434.27	368.93	65.33	6.647	
9,100.00	7,063.05	9,322.10	7,194.68	35.46	37.09	107.48	1,254.52	-1,123.49	434.78	366.83	67.95	6.399	
9,200.00	7,060.00	9,422.10	7,192.63	36.87	38.49	107.60	1,255.01	-1,223.47	435.30	364.69	70.61	6.164	
9,300.00	7,056.95	9,522.09	7,190.57	38.31	39.91	107.72	1,255.49	-1,323.44	435.82	362.50	73.32	5.944	
9,400.00	7,053.90	9,622.09	7,188.52	39.76	41.34	107.83	1,255.98	-1,423.41	436.34	360.28	76.06	5.737	
9,500.00	7,050.85	9,722.08	7,186.47	41.23	42.80	107.95	1,256.46	-1,523.38	436.86	358.04	78.83	5.542	
9,600.00	7,047.80	9,822.08	7,184.41	42.72	44.26	108.06	1,256.94	-1,623.36	437.38	355.76	81.62	5.359	
9,700.00	7,044.75	9,922.07	7,182.36	44.22	45.75	108.18	1,257.43	-1,723.33	437.91	353.47	84.44	5.186	
9,800.00	7,041.70	10,022.07	7,180.31	45.73	47.24	108.29	1,257.91	-1,823.30	438.44	351.15	87.29	5.023	
9,900.00	7,038.65	10,122.06	7,178.25	47.25	48.74	108.41	1,258.39	-1,923.27	438.97	348.82	90.15	4.869	
10,000.00	7,035.60	10,222.06	7,176.20	48.78	50.26	108.52	1,258.88	-2,023.25	439.50	346.47	93.03	4.724	
10,100.00	7,032.55	10,322.05	7,174.15	50.32	51.78	108.63	1,259.36	-2,123.22	440.03	344.11	95.92	4.587	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,029.50	10,422.05	7,172.09	51.86	53.32	108.75	1,259.84	-2,223.19	440.57	341.73	98.83	4.458		
10,300.00	7,026.45	10,522.04	7,170.04	53.42	54.86	108.86	1,260.33	-2,323.16	441.10	339.35	101.75	4.335		
10,400.00	7,023.40	10,622.03	7,167.99	54.98	56.40	108.97	1,260.81	-2,423.14	441.64	336.95	104.68	4.219		
10,500.00	7,020.35	10,722.03	7,165.93	56.55	57.96	109.08	1,261.29	-2,523.11	442.18	334.55	107.63	4.108		
10,600.00	7,017.30	10,822.02	7,163.88	58.12	59.52	109.20	1,261.78	-2,623.08	442.72	332.14	110.58	4.004		
10,700.00	7,014.25	10,922.02	7,161.83	59.70	61.09	109.31	1,262.26	-2,723.05	443.26	329.73	113.53	3.904		
10,800.00	7,011.20	11,022.01	7,159.77	61.28	62.66	109.42	1,262.74	-2,823.03	443.81	327.31	116.50	3.810		
10,900.00	7,008.15	11,122.01	7,157.72	62.87	64.24	109.53	1,263.23	-2,923.00	444.35	324.89	119.47	3.719		
11,000.00	7,005.10	11,222.00	7,155.67	64.46	65.82	109.64	1,263.71	-3,022.97	444.90	322.46	122.44	3.634		
11,100.00	7,002.05	11,322.00	7,153.61	66.06	67.40	109.75	1,264.20	-3,122.94	445.45	320.03	125.42	3.552		
11,200.00	6,999.00	11,421.99	7,151.56	67.66	68.99	109.87	1,264.68	-3,222.92	446.00	317.60	128.41	3.473		
11,300.00	6,995.95	11,521.99	7,149.51	69.26	70.59	109.98	1,265.16	-3,322.89	446.56	315.16	131.40	3.399		
11,400.00	6,992.90	11,621.98	7,147.45	70.87	72.19	110.09	1,265.65	-3,422.86	447.11	312.72	134.39	3.327		
11,500.00	6,989.85	11,721.98	7,145.40	72.48	73.79	110.20	1,266.13	-3,522.83	447.67	310.29	137.38	3.259		
11,600.00	6,986.80	11,821.97	7,143.35	74.09	75.39	110.31	1,266.61	-3,622.81	448.23	307.85	140.38	3.193		
11,700.00	6,983.75	11,921.97	7,141.29	75.70	77.00	110.41	1,267.10	-3,722.78	448.79	305.41	143.37	3.130		
11,800.00	6,980.70	12,021.96	7,139.24	77.32	78.61	110.52	1,267.58	-3,822.75	449.35	302.97	146.37	3.070		
11,900.00	6,977.65	12,121.96	7,137.19	78.94	80.22	110.63	1,268.06	-3,922.72	449.91	300.53	149.37	3.012		
12,000.00	6,974.60	12,221.95	7,135.13	80.56	81.83	110.74	1,268.55	-4,022.70	450.47	298.10	152.38	2.956		
12,100.00	6,971.55	12,321.95	7,133.08	82.19	83.45	110.85	1,269.03	-4,122.67	451.04	295.66	155.38	2.903		
12,200.00	6,968.50	12,421.94	7,131.03	83.81	85.07	110.96	1,269.51	-4,222.64	451.61	293.23	158.38	2.851		
12,300.00	6,965.45	12,521.94	7,128.97	85.44	86.69	111.06	1,270.00	-4,322.61	452.18	290.79	161.39	2.802		
12,400.00	6,962.40	12,621.93	7,126.92	87.07	88.31	111.17	1,270.48	-4,422.59	452.75	288.36	164.39	2.754		
12,500.00	6,959.35	12,721.92	7,124.87	88.70	89.94	111.28	1,270.96	-4,522.56	453.32	285.93	167.39	2.708		
12,600.00	6,956.30	12,821.92	7,122.81	90.33	91.56	111.39	1,271.45	-4,622.53	453.89	283.50	170.39	2.664		
12,700.00	6,953.25	12,921.91	7,120.76	91.96	93.19	111.49	1,271.93	-4,722.50	454.47	281.07	173.40	2.621		
12,800.00	6,950.20	13,021.91	7,118.71	93.60	94.82	111.60	1,272.41	-4,822.48	455.05	278.65	176.40	2.580		
12,900.00	6,947.15	13,121.90	7,116.65	95.24	96.45	111.71	1,272.90	-4,922.45	455.63	276.23	179.40	2.540		
13,000.00	6,944.10	13,221.90	7,114.60	96.87	98.08	111.81	1,273.38	-5,022.42	456.21	273.81	182.40	2.501		
13,100.00	6,941.05	13,321.89	7,112.55	98.51	99.72	111.92	1,273.87	-5,122.39	456.79	271.39	185.40	2.464		
13,200.00	6,938.00	13,421.89	7,110.49	100.15	101.35	112.02	1,274.35	-5,222.37	457.37	268.98	188.40	2.428		
13,300.00	6,934.95	13,521.88	7,108.44	101.79	102.99	112.13	1,274.83	-5,322.34	457.96	266.56	191.39	2.393		
13,400.00	6,931.90	13,621.88	7,106.39	103.43	104.62	112.23	1,275.32	-5,422.31	458.54	264.16	194.39	2.359		
13,500.00	6,928.85	13,721.87	7,104.33	105.08	106.26	112.34	1,275.80	-5,522.28	459.13	261.75	197.38	2.326		
13,600.00	6,925.80	13,821.87	7,102.28	106.72	107.90	112.44	1,276.28	-5,622.26	459.72	259.35	200.37	2.294		
13,700.00	6,922.75	13,921.86	7,100.23	108.36	109.54	112.54	1,276.77	-5,722.23	460.31	256.95	203.36	2.263		
13,800.00	6,919.70	14,021.86	7,098.17	110.01	111.18	112.65	1,277.25	-5,822.20	460.91	254.55	206.35	2.234		
13,900.00	6,916.65	14,121.85	7,096.12	111.66	112.83	112.75	1,277.73	-5,922.17	461.50	252.16	209.34	2.205		
14,000.00	6,913.60	14,221.85	7,094.07	113.30	114.47	112.85	1,278.22	-6,022.15	462.09	249.77	212.32	2.176		
14,100.00	6,910.55	14,321.84	7,092.01	114.95	116.11	112.96	1,278.70	-6,122.12	462.69	247.38	215.31	2.149		
14,200.00	6,907.50	14,421.84	7,089.96	116.60	117.76	113.06	1,279.18	-6,222.09	463.29	245.00	218.29	2.122		
14,300.00	6,904.45	14,521.83	7,087.91	118.25	119.40	113.16	1,279.67	-6,322.06	463.89	242.62	221.27	2.097		
14,400.00	6,901.40	14,621.83	7,085.85	119.90	121.05	113.26	1,280.15	-6,422.04	464.49	240.25	224.24	2.071		
14,500.00	6,898.35	14,721.82	7,083.80	121.55	122.70	113.37	1,280.63	-6,522.01	465.10	237.88	227.22	2.047		
14,600.00	6,895.30	14,821.82	7,081.75	123.20	124.34	113.47	1,281.12	-6,621.98	465.70	235.51	230.19	2.023		
14,700.00	6,892.25	14,921.81	7,079.69	124.85	125.99	113.57	1,281.60	-6,721.95	466.31	233.14	233.16	2.000		
14,800.00	6,889.20	15,021.80	7,077.64	126.50	127.64	113.67	1,282.09	-6,821.93	466.91	230.78	236.13	1.977		
14,900.00	6,886.15	15,121.80	7,075.59	128.15	129.29	113.77	1,282.57	-6,921.90	467.52	228.43	239.09	1.955		
15,000.00	6,883.10	15,221.79	7,073.53	129.81	130.94	113.87	1,283.05	-7,021.87	468.13	226.08	242.06	1.934		
15,100.00	6,880.05	15,321.79	7,071.48	131.46	132.59	113.97	1,283.54	-7,121.84	468.74	223.73	245.02	1.913		
15,200.00	6,877.00	15,421.78	7,069.43	133.11	134.24	114.07	1,284.02	-7,221.82	469.36	221.38	247.97	1.893		
15,300.00	6,873.95	15,521.78	7,067.37	134.77	135.89	114.17	1,284.50	-7,321.79	469.97	219.04	250.93	1.873		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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	6,870.90	15,621.77	7,065.32	136.42	137.55	114.27	1,284.99	-7,421.76	470.59	216.71	253.88	1.854	
15,500.00	6,867.85	15,721.77	7,063.27	138.08	139.20	114.37	1,285.47	-7,521.73	471.20	214.37	256.83	1.835	
15,562.16	6,865.95	15,783.93	7,061.99	139.11	140.23	114.43	1,285.77	-7,583.88	471.59	212.93	258.66	1.823 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	90.52	-0.36	40.09	40.09					
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-0.36	40.09	40.09	32.56	7.53	5.325		
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-0.36	40.09	40.09	32.52	7.57	5.294		
300.00	300.00	299.31	299.31	3.35	3.35	36.35	0.36	40.72	40.38	32.72	7.66	5.270		
400.00	399.93	398.37	398.27	3.42	3.42	34.69	3.59	43.54	40.44	32.65	7.79	5.193		
500.00	499.68	497.39	496.98	3.51	3.51	32.26	9.38	48.60	40.03	32.08	7.95	5.036		
600.00	599.13	596.35	595.31	3.62	3.62	28.94	17.74	55.90	39.24	31.09	8.15	4.815		
700.00	698.15	695.27	693.16	3.76	3.76	24.59	28.65	65.42	38.18	29.79	8.39	4.552		
800.00	796.63	794.12	790.38	3.94	3.94	19.03	42.08	77.15	36.99	28.34	8.66	4.273		
882.51	877.51	875.63	870.05	4.11	4.12	13.20	55.05	88.47	36.64	27.74	8.90	4.115		
900.00	894.53	892.90	886.86	4.15	4.16	11.96	58.02	91.06	36.31	27.36	8.96	4.055 CC, ES		
1,000.00	992.33	1,008.36	982.53	4.40	4.47	3.36	76.43	107.13	39.04	29.71	9.32	4.187		
1,100.00	1,090.13	1,091.37	1,078.82	4.68	4.73	-4.30	95.99	124.21	43.85	34.14	9.71	4.516		
1,200.00	1,187.94	1,208.90	1,175.11	4.97	5.12	-10.36	115.55	141.28	49.28	39.05	10.23	4.818		
1,300.00	1,285.74	1,309.17	1,271.40	5.28	5.48	-15.18	135.11	158.36	55.15	44.40	10.75	5.129		
1,400.00	1,383.54	1,390.56	1,367.70	5.60	5.79	-19.05	154.67	175.43	61.34	50.08	11.26	5.447		
1,500.00	1,481.35	1,490.29	1,463.99	5.94	6.18	-22.20	174.23	192.51	67.76	55.90	11.85	5.717		
1,600.00	1,579.15	1,609.97	1,560.28	6.29	6.66	-24.80	193.79	209.58	74.34	61.81	12.53	5.933		
1,700.00	1,676.96	1,689.76	1,656.57	6.64	6.99	-26.98	213.35	226.66	81.05	67.94	13.11	6.182		
1,800.00	1,774.76	1,789.49	1,752.87	7.01	7.41	-28.82	232.91	243.73	87.86	74.09	13.77	6.381		
1,900.00	1,872.56	1,889.22	1,849.16	7.21	7.66	-30.39	252.47	260.80	94.75	80.97	13.77	6.880		
2,000.00	1,970.37	1,988.95	1,945.45	7.26	7.75	-31.75	272.03	277.88	101.69	87.81	13.88	7.326		
2,100.00	2,068.17	2,088.68	2,041.74	7.32	7.83	-32.93	291.59	294.95	108.69	94.68	14.01	7.758		
2,200.00	2,165.98	2,188.41	2,138.04	7.41	7.93	-33.98	311.15	312.03	115.73	101.56	14.17	8.165		
2,300.00	2,263.78	2,288.14	2,234.33	7.51	8.05	-34.90	330.70	329.10	122.80	108.43	14.37	8.545		
2,400.00	2,361.58	2,387.88	2,330.62	7.62	8.18	-35.72	350.26	346.18	129.90	115.30	14.60	8.897		
2,500.00	2,459.39	2,487.61	2,426.91	7.75	8.34	-36.46	369.82	363.25	137.03	122.16	14.86	9.219		
2,600.00	2,557.19	2,587.34	2,523.20	7.90	8.51	-37.12	389.38	380.33	144.17	129.02	15.16	9.513		
2,700.00	2,654.99	2,687.07	2,619.50	8.05	8.69	-37.72	408.94	397.40	151.33	135.86	15.48	9.778		
2,800.00	2,752.80	2,786.80	2,715.79	8.22	8.89	-38.27	428.50	414.48	158.51	142.69	15.82	10.017		
2,900.00	2,850.60	2,886.53	2,812.08	8.41	9.10	-38.76	448.06	431.55	165.70	149.50	16.20	10.230		
3,000.00	2,948.41	2,986.26	2,908.37	8.60	9.33	-39.22	467.62	448.63	172.90	156.31	16.59	10.420		
3,100.00	3,046.21	3,085.99	3,004.67	8.80	9.56	-39.64	487.18	465.70	180.11	163.10	17.01	10.587		
3,200.00	3,144.01	3,185.73	3,100.96	9.02	9.81	-40.03	506.74	482.77	187.33	169.88	17.45	10.734		
3,300.00	3,241.82	3,285.46	3,197.25	9.24	10.06	-40.39	526.30	499.85	194.56	176.65	17.91	10.864		
3,400.00	3,339.62	3,385.19	3,293.54	9.47	10.33	-40.72	545.86	516.92	201.80	183.41	18.39	10.976		
3,500.00	3,437.43	3,484.92	3,389.84	9.71	10.60	-41.04	565.42	534.00	209.04	190.16	18.88	11.074		
3,600.00	3,535.23	3,584.65	3,486.13	9.96	10.88	-41.33	584.98	551.07	216.29	196.90	19.38	11.158		
3,700.00	3,633.03	3,684.38	3,582.42	10.21	11.17	-41.60	604.53	568.15	223.54	203.64	19.90	11.230		
3,800.00	3,730.84	3,784.11	3,678.71	10.47	11.46	-41.85	624.09	585.22	230.80	210.36	20.44	11.292		
3,900.00	3,828.64	3,883.84	3,775.00	10.74	11.76	-42.09	643.65	602.30	238.06	217.08	20.98	11.345		
4,000.00	3,926.44	3,983.58	3,871.30	11.01	12.07	-42.31	663.21	619.37	245.33	223.79	21.54	11.389		
4,100.00	4,024.25	4,083.31	3,967.59	11.28	12.38	-42.52	682.77	636.45	252.59	230.49	22.11	11.426		
4,200.00	4,122.05	4,183.04	4,063.88	11.56	12.70	-42.72	702.33	653.52	259.87	237.18	22.68	11.457		
4,300.00	4,219.86	4,282.77	4,160.17	11.85	13.02	-42.91	721.89	670.60	267.14	243.88	23.27	11.482		
4,400.00	4,317.66	4,382.50	4,256.47	12.14	13.34	-43.09	741.45	687.67	274.42	250.56	23.86	11.502		
4,500.00	4,415.46	4,482.23	4,352.76	12.43	13.67	-43.26	761.01	704.75	281.70	257.24	24.46	11.518		
4,600.00	4,513.27	4,581.96	4,449.05	12.72	14.00	-43.42	780.57	721.82	288.98	263.92	25.06	11.529		
4,700.00	4,611.07	4,681.69	4,545.34	13.02	14.34	-43.58	800.13	738.89	296.27	270.59	25.68	11.538		
4,800.00	4,708.88	4,781.43	4,641.64	13.32	14.68	-43.72	819.69	755.97	303.55	277.26	26.30	11.543		
4,900.00	4,806.68	4,881.16	4,737.93	13.63	15.02	-43.86	839.25	773.04	310.84	283.92	26.92	11.546		
5,000.00	4,904.48	4,980.89	4,834.22	13.94	15.36	-43.99	858.81	790.12	318.13	290.58	27.55	11.547		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,002.29	5,080.62	4,930.51	14.25	15.71	-44.12	878.37	807.19	325.43	297.24	28.19	11.546	
5,200.00	5,100.09	5,180.35	5,026.81	14.56	16.06	-44.24	897.92	824.27	332.72	303.90	28.82	11.543	
5,300.00	5,197.90	5,280.08	5,123.10	14.87	16.41	-44.36	917.48	841.34	340.02	310.55	29.47	11.539	
5,400.00	5,295.70	5,379.81	5,219.39	15.19	16.77	-44.47	937.04	858.42	347.31	317.20	30.11	11.533	
5,500.00	5,393.50	5,479.54	5,315.68	15.51	17.12	-44.57	956.60	875.49	354.61	323.84	30.77	11.526	
5,600.00	5,491.31	5,579.28	5,411.97	15.83	17.48	-44.68	976.16	892.57	361.91	330.49	31.42	11.518	
5,700.00	5,589.11	5,679.01	5,508.27	16.15	17.84	-44.77	995.72	909.64	369.21	337.13	32.08	11.510	
5,800.00	5,686.91	5,778.74	5,604.56	16.47	18.20	-44.87	1,015.28	926.72	376.51	343.77	32.74	11.501	
5,900.00	5,784.72	5,878.47	5,700.85	16.80	18.56	-44.96	1,034.84	943.79	383.81	350.41	33.40	11.491	
6,000.00	5,882.52	5,978.20	5,797.14	17.12	18.93	-45.05	1,054.40	960.87	391.11	357.05	34.07	11.481	
6,100.00	5,980.33	6,077.93	5,893.44	17.45	19.29	-45.13	1,073.96	977.94	398.42	363.68	34.74	11.470	
6,200.00	6,078.13	6,177.66	5,989.73	17.78	19.66	-45.21	1,093.52	995.01	405.72	370.31	35.41	11.459	
6,300.00	6,175.93	6,277.39	6,086.02	18.11	20.02	-45.29	1,113.08	1,012.09	413.03	376.95	36.08	11.447	
6,400.00	6,273.74	6,377.13	6,182.31	18.44	20.39	-45.36	1,132.64	1,029.16	420.33	383.58	36.76	11.436	
6,499.99	6,371.53	6,481.11	6,283.06	18.77	20.74	-45.78	1,153.11	1,044.45	427.38	389.92	37.45	11.412	
6,600.00	6,470.24	6,587.53	6,387.22	19.03	21.00	0.11	1,174.30	1,044.36	433.80	395.73	38.07	11.395	
6,700.00	6,569.10	6,692.18	6,488.24	19.19	21.18	51.56	1,194.88	1,027.03	440.32	401.78	38.54	11.426	
6,800.00	6,665.69	6,795.06	6,583.50	19.30	21.29	67.57	1,214.32	993.77	446.83	407.94	38.89	11.490	
6,900.00	6,757.63	6,896.18	6,670.84	19.34	21.33	72.69	1,232.18	946.24	453.18	414.04	39.14	11.578	
7,000.00	6,842.65	6,995.62	6,748.47	19.33	21.32	74.39	1,248.08	886.33	459.21	419.88	39.33	11.675	
7,100.00	6,918.67	7,093.49	6,815.03	19.30	21.27	74.71	1,261.76	816.04	464.76	425.25	39.51	11.762	
7,200.00	6,983.80	7,189.89	6,869.52	19.25	21.19	74.41	1,272.99	737.42	469.67	429.93	39.74	11.818	
7,300.00	7,036.46	7,284.97	6,911.28	19.23	21.09	73.81	1,281.64	652.54	473.77	433.69	40.08	11.821	
7,400.00	7,075.33	7,378.88	6,939.91	19.26	20.98	73.11	1,287.63	563.39	476.92	436.36	40.57	11.756	
7,500.00	7,099.46	7,471.76	6,955.30	19.40	20.90	72.38	1,290.93	471.94	479.01	437.78	41.23	11.618	
7,600.00	7,108.27	7,564.93	6,957.63	19.68	20.93	71.71	1,291.57	378.87	479.92	437.84	42.08	11.406	
7,700.00	7,105.75	7,664.92	6,954.96	20.11	21.29	71.67	1,291.21	278.92	479.32	436.16	43.16	11.105	
7,800.00	7,102.70	7,764.92	6,952.30	20.71	21.91	71.69	1,290.86	178.96	478.61	434.16	44.45	10.766	
7,900.00	7,099.65	7,864.92	6,949.63	21.43	22.69	71.71	1,290.50	79.00	477.91	431.97	45.94	10.402	
8,000.00	7,096.60	7,964.91	6,946.97	22.26	23.56	71.73	1,290.14	-20.97	477.20	429.60	47.61	10.024	
8,100.00	7,093.55	8,064.91	6,944.30	23.18	24.51	71.75	1,289.78	-120.93	476.50	427.07	49.43	9.640	
8,200.00	7,090.50	8,164.91	6,941.64	24.18	25.53	71.77	1,289.42	-220.89	475.80	424.40	51.39	9.258	
8,300.00	7,087.45	8,264.91	6,938.98	25.24	26.61	71.79	1,289.07	-320.85	475.09	421.61	53.48	8.884	
8,400.00	7,084.40	8,364.90	6,936.31	26.37	27.74	71.81	1,288.71	-420.81	474.39	418.71	55.68	8.520	
8,500.00	7,081.35	8,464.90	6,933.65	27.55	28.93	71.83	1,288.35	-520.77	473.68	415.71	57.97	8.170	
8,600.00	7,078.30	8,564.90	6,930.98	28.78	30.15	71.86	1,287.99	-620.73	472.98	412.62	60.36	7.836	
8,700.00	7,075.25	8,664.90	6,928.32	30.05	31.41	71.88	1,287.63	-720.69	472.27	409.45	62.82	7.518	
8,800.00	7,072.20	8,764.89	6,925.65	31.36	32.71	71.90	1,287.28	-820.66	471.57	406.22	65.35	7.216	
8,900.00	7,069.15	8,864.89	6,922.99	32.70	34.04	71.92	1,286.92	-920.62	470.87	402.92	67.94	6.930	
9,000.00	7,066.10	8,964.89	6,920.32	34.07	35.39	71.94	1,286.56	-1,020.58	470.16	399.57	70.59	6.661	
9,100.00	7,063.05	9,064.88	6,917.66	35.46	36.77	71.96	1,286.20	-1,120.54	469.46	396.18	73.28	6.406	
9,200.00	7,060.00	9,164.88	6,914.99	36.87	38.17	71.98	1,285.84	-1,220.50	468.75	392.74	76.02	6.166	
9,300.00	7,056.95	9,264.88	6,912.33	38.31	39.60	72.01	1,285.49	-1,320.46	468.05	389.26	78.79	5.940	
9,400.00	7,053.90	9,364.88	6,909.67	39.76	41.04	72.03	1,285.13	-1,420.42	467.35	385.74	81.61	5.727	
9,500.00	7,050.85	9,464.87	6,907.00	41.23	42.49	72.05	1,284.77	-1,520.38	466.64	382.20	84.45	5.526	
9,600.00	7,047.80	9,564.87	6,904.34	42.72	43.96	72.07	1,284.41	-1,620.35	465.94	378.62	87.32	5.336	
9,700.00	7,044.75	9,664.87	6,901.67	44.22	45.45	72.09	1,284.05	-1,720.31	465.24	375.02	90.21	5.157	
9,800.00	7,041.70	9,764.87	6,899.01	45.73	46.94	72.11	1,283.69	-1,820.27	464.53	371.40	93.13	4.988	
9,900.00	7,038.65	9,864.86	6,896.34	47.25	48.45	72.14	1,283.34	-1,920.23	463.83	367.76	96.07	4.828	
10,000.00	7,035.60	9,964.86	6,893.68	48.78	49.97	72.16	1,282.98	-2,020.19	463.13	364.09	99.03	4.677	
10,100.00	7,032.55	10,064.86	6,891.01	50.32	51.49	72.18	1,282.62	-2,120.15	462.42	360.41	102.01	4.533	
10,200.00	7,029.50	10,164.86	6,888.35	51.86	53.03	72.20	1,282.26	-2,220.11	461.72	356.72	105.00	4.397	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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	7,026.45	10,264.85	6,885.69	53.42	54.57	72.23	1,281.90	-2,320.07	461.02	353.01	108.01	4.268	
10,400.00	7,023.40	10,364.85	6,883.02	54.98	56.12	72.25	1,281.55	-2,420.04	460.31	349.28	111.03	4.146	
10,500.00	7,020.35	10,464.85	6,880.36	56.55	57.68	72.27	1,281.19	-2,520.00	459.61	345.54	114.07	4.029	
10,600.00	7,017.30	10,564.85	6,877.69	58.12	59.24	72.29	1,280.83	-2,619.96	458.91	341.79	117.12	3.918	
10,700.00	7,014.25	10,664.84	6,875.03	59.70	60.81	72.32	1,280.47	-2,719.92	458.21	338.03	120.17	3.813	
10,800.00	7,011.20	10,764.84	6,872.36	61.28	62.38	72.34	1,280.11	-2,819.88	457.50	334.26	123.24	3.712	
10,900.00	7,008.15	10,864.84	6,869.70	62.87	63.96	72.36	1,279.76	-2,919.84	456.80	330.48	126.32	3.616	
11,000.00	7,005.10	10,964.83	6,867.03	64.46	65.54	72.38	1,279.40	-3,019.80	456.10	326.69	129.41	3.525	
11,100.00	7,002.05	11,064.83	6,864.37	66.06	67.13	72.41	1,279.04	-3,119.76	455.40	322.90	132.50	3.437	
11,200.00	6,999.00	11,164.83	6,861.71	67.66	68.72	72.43	1,278.68	-3,219.73	454.69	319.09	135.60	3.353	
11,300.00	6,995.95	11,264.83	6,859.04	69.26	70.32	72.45	1,278.32	-3,319.69	453.99	315.28	138.71	3.273	
11,400.00	6,992.90	11,364.82	6,856.38	70.87	71.91	72.48	1,277.97	-3,419.65	453.29	311.46	141.83	3.196	
11,500.00	6,989.85	11,464.82	6,853.71	72.48	73.51	72.50	1,277.61	-3,519.61	452.59	307.64	144.95	3.122	
11,600.00	6,986.80	11,564.82	6,851.05	74.09	75.12	72.52	1,277.25	-3,619.57	451.88	303.81	148.08	3.052	
11,700.00	6,983.75	11,664.82	6,848.38	75.70	76.73	72.54	1,276.89	-3,719.53	451.18	299.97	151.21	2.984	
11,800.00	6,980.70	11,764.81	6,845.72	77.32	78.34	72.57	1,276.53	-3,819.49	450.48	296.13	154.35	2.919	
11,900.00	6,977.65	11,864.81	6,843.05	78.94	79.95	72.59	1,276.18	-3,919.45	449.78	292.28	157.50	2.856	
12,000.00	6,974.60	11,964.81	6,840.39	80.56	81.56	72.62	1,275.82	-4,019.42	449.08	288.43	160.65	2.795	
12,100.00	6,971.55	12,064.81	6,837.72	82.19	83.18	72.64	1,275.46	-4,119.38	448.38	284.57	163.80	2.737	
12,200.00	6,968.50	12,164.80	6,835.06	83.81	84.80	72.66	1,275.10	-4,219.34	447.67	280.71	166.96	2.681	
12,300.00	6,965.45	12,264.80	6,832.40	85.44	86.42	72.69	1,274.74	-4,319.30	446.97	276.85	170.12	2.627	
12,400.00	6,962.40	12,364.80	6,829.73	87.07	88.04	72.71	1,274.39	-4,419.26	446.27	272.98	173.29	2.575	
12,500.00	6,959.35	12,464.80	6,827.07	88.70	89.67	72.73	1,274.03	-4,519.22	445.57	269.11	176.46	2.525	
12,600.00	6,956.30	12,564.79	6,824.40	90.33	91.29	72.76	1,273.67	-4,619.18	444.87	265.23	179.63	2.477	
12,700.00	6,953.25	12,664.79	6,821.74	91.96	92.92	72.78	1,273.31	-4,719.14	444.17	261.35	182.81	2.430	
12,800.00	6,950.20	12,764.79	6,819.07	93.60	94.55	72.81	1,272.95	-4,819.10	443.47	257.47	185.99	2.384	
12,900.00	6,947.15	12,864.78	6,816.41	95.24	96.18	72.83	1,272.60	-4,919.07	442.76	253.59	189.18	2.340	
13,000.00	6,944.10	12,964.78	6,813.74	96.87	97.81	72.85	1,272.24	-5,019.03	442.06	249.70	192.36	2.298	
13,100.00	6,941.05	13,064.78	6,811.08	98.51	99.44	72.88	1,271.88	-5,118.99	441.36	245.81	195.55	2.257	
13,200.00	6,938.00	13,164.78	6,808.42	100.15	101.08	72.90	1,271.52	-5,218.95	440.66	241.91	198.75	2.217	
13,300.00	6,934.95	13,264.77	6,805.75	101.79	102.72	72.93	1,271.16	-5,318.91	439.96	238.02	201.94	2.179	
13,400.00	6,931.90	13,364.77	6,803.09	103.43	104.35	72.95	1,270.81	-5,418.87	439.26	234.12	205.14	2.141	
13,500.00	6,928.85	13,464.77	6,800.42	105.08	105.99	72.98	1,270.45	-5,518.83	438.56	230.22	208.34	2.105	
13,600.00	6,925.80	13,564.77	6,797.76	106.72	107.63	73.00	1,270.09	-5,618.79	437.86	226.31	211.54	2.070	
13,700.00	6,922.75	13,664.76	6,795.09	108.36	109.27	73.03	1,269.73	-5,718.76	437.16	222.41	214.75	2.036	
13,800.00	6,919.70	13,764.76	6,792.43	110.01	110.91	73.05	1,269.37	-5,818.72	436.46	218.50	217.96	2.002	
13,900.00	6,916.65	13,864.76	6,789.76	111.66	112.55	73.08	1,269.02	-5,918.68	435.76	214.59	221.17	1.970	
14,000.00	6,913.60	13,964.76	6,787.10	113.30	114.19	73.10	1,268.66	-6,018.64	435.06	210.68	224.38	1.939	
14,100.00	6,910.55	14,064.75	6,784.44	114.95	115.84	73.13	1,268.30	-6,118.60	434.36	206.76	227.59	1.908	
14,200.00	6,907.50	14,164.75	6,781.77	116.60	117.48	73.15	1,267.94	-6,218.56	433.66	202.85	230.81	1.879	
14,300.00	6,904.45	14,264.75	6,779.11	118.25	119.13	73.18	1,267.58	-6,318.52	432.96	198.93	234.03	1.850	
14,400.00	6,901.40	14,364.75	6,776.44	119.90	120.77	73.20	1,267.23	-6,418.48	432.26	195.01	237.25	1.822	
14,500.00	6,898.35	14,464.74	6,773.78	121.55	122.42	73.23	1,266.87	-6,518.45	431.56	191.09	240.47	1.795	
14,600.00	6,895.30	14,564.74	6,771.11	123.20	124.07	73.25	1,266.51	-6,618.41	430.86	187.16	243.69	1.768	
14,700.00	6,892.25	14,664.74	6,768.45	124.85	125.71	73.28	1,266.15	-6,718.37	430.16	183.24	246.92	1.742	
14,800.00	6,889.20	14,764.74	6,765.78	126.50	127.36	73.30	1,265.79	-6,818.33	429.46	179.31	250.15	1.717	
14,900.00	6,886.15	14,864.73	6,763.12	128.15	129.01	73.33	1,265.44	-6,918.29	428.76	175.38	253.37	1.692	
15,000.00	6,883.10	14,964.73	6,760.45	129.81	130.66	73.36	1,265.08	-7,018.25	428.06	171.46	256.60	1.668	
15,100.00	6,880.05	15,064.73	6,757.79	131.46	132.31	73.38	1,264.72	-7,118.21	427.36	167.52	259.84	1.645	
15,200.00	6,877.00	15,164.72	6,755.13	133.11	133.96	73.41	1,264.36	-7,218.17	426.66	163.59	263.07	1.622	
15,300.00	6,873.95	15,264.72	6,752.46	134.77	135.61	73.43	1,264.00	-7,318.14	425.96	159.66	266.31	1.600	
15,400.00	6,870.90	15,364.72	6,749.80	136.42	137.26	73.46	1,263.64	-7,418.10	425.26	155.72	269.54	1.578	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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	6,867.85	15,464.72	6,747.13	138.08	138.92	73.49	1,263.29	-7,518.06	424.56	151.79	272.78	1.556	
15,562.16	6,865.95	15,526.88	6,745.48	139.11	139.94	73.50	1,263.06	-7,580.19	424.13	149.34	274.79	1.543 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-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	90.52	-0.73	80.18	80.19				
100.00	100.00	101.00	101.00	3.28	3.28	90.52	-0.73	80.18	80.19	72.66	7.53	10.650	
200.00	200.00	201.00	201.00	3.31	3.31	90.52	-0.73	80.18	80.19	72.61	7.57	10.587	
300.00	300.00	299.31	299.29	3.35	3.35	36.22	0.64	81.22	80.89	73.23	7.66	10.558	
400.00	399.93	397.57	397.41	3.42	3.42	34.80	4.70	84.30	81.25	73.47	7.79	10.436	
500.00	499.68	495.75	495.22	3.51	3.51	32.91	11.42	89.40	80.98	73.03	7.95	10.186	
600.00	599.13	593.84	592.60	3.62	3.63	30.52	20.80	96.52	80.13	71.97	8.15	9.827	
700.00	698.15	691.83	689.41	3.76	3.77	27.56	32.82	105.64	78.80	70.40	8.40	9.383	
800.00	796.63	789.70	785.55	3.94	3.95	23.95	47.45	116.75	77.12	68.44	8.68	8.883	
900.00	894.53	887.45	880.87	4.15	4.17	19.49	64.66	129.81	75.64	66.64	9.00	8.405	
908.13	902.48	895.39	888.58	4.17	4.19	19.07	66.17	130.96	75.63	66.61	9.03	8.379 CC, ES	
1,000.00	992.33	985.05	975.27	4.40	4.43	13.71	84.41	144.81	77.16	67.82	9.34	8.262	
1,100.00	1,090.13	1,084.63	1,071.18	4.68	4.75	7.66	105.74	161.00	80.85	71.10	9.75	8.291	
1,200.00	1,187.94	1,184.21	1,167.09	4.97	5.09	2.18	127.07	177.19	85.38	75.18	10.20	8.372	
1,300.00	1,285.74	1,283.80	1,263.00	5.28	5.45	-2.71	148.40	193.38	90.60	79.92	10.68	8.485	
1,400.00	1,383.54	1,383.38	1,358.92	5.60	5.83	-7.03	169.74	209.57	96.41	85.22	11.19	8.617	
1,500.00	1,481.35	1,482.96	1,454.83	5.94	6.23	-10.86	191.07	225.76	102.71	90.97	11.74	8.751	
1,600.00	1,579.15	1,582.54	1,550.74	6.29	6.64	-14.22	212.40	241.95	109.41	97.09	12.32	8.884	
1,700.00	1,676.96	1,682.12	1,646.65	6.64	7.06	-17.19	233.73	258.14	116.44	103.52	12.92	9.013	
1,800.00	1,774.76	1,781.70	1,742.56	7.01	7.48	-19.82	255.06	274.33	123.76	110.21	13.55	9.134	
1,900.00	1,872.56	1,881.28	1,838.48	7.21	7.76	-22.15	276.39	290.52	131.30	117.75	13.55	9.693	
2,000.00	1,970.37	1,980.86	1,934.39	7.26	7.86	-24.23	297.72	306.71	139.03	125.37	13.66	10.177	
2,100.00	2,068.17	2,080.44	2,030.30	7.32	7.95	-26.08	319.05	322.90	146.93	133.14	13.79	10.657	
2,200.00	2,165.98	2,180.02	2,126.21	7.41	8.05	-27.75	340.38	339.09	154.96	141.01	13.95	11.109	
2,300.00	2,263.78	2,279.60	2,222.13	7.51	8.17	-29.25	361.71	355.29	163.12	148.97	14.15	11.528	
2,400.00	2,361.58	2,379.18	2,318.04	7.62	8.31	-30.61	383.04	371.48	171.37	156.98	14.38	11.913	
2,500.00	2,459.39	2,478.76	2,413.95	7.75	8.46	-31.84	404.37	387.67	179.71	165.06	14.65	12.265	
2,600.00	2,557.19	2,578.34	2,509.86	7.90	8.64	-32.96	425.70	403.86	188.12	173.17	14.95	12.582	
2,700.00	2,654.99	2,677.92	2,605.78	8.05	8.82	-33.98	447.03	420.05	196.60	181.32	15.28	12.866	
2,800.00	2,752.80	2,777.51	2,701.69	8.22	9.02	-34.92	468.36	436.24	205.14	189.50	15.64	13.118	
2,900.00	2,850.60	2,877.09	2,797.60	8.41	9.24	-35.79	489.69	452.43	213.73	197.71	16.02	13.341	
3,000.00	2,948.41	2,976.67	2,893.51	8.60	9.47	-36.59	511.02	468.62	222.36	205.94	16.43	13.536	
3,100.00	3,046.21	3,076.25	2,989.43	8.80	9.70	-37.33	532.35	484.81	231.04	214.18	16.86	13.706	
3,200.00	3,144.01	3,175.83	3,085.34	9.02	9.95	-38.01	553.68	501.00	239.74	222.44	17.31	13.853	
3,300.00	3,241.82	3,275.41	3,181.25	9.24	10.21	-38.65	575.01	517.19	248.48	230.71	17.78	13.979	
3,400.00	3,339.62	3,374.99	3,277.16	9.47	10.48	-39.24	596.35	533.38	257.25	238.99	18.26	14.087	
3,500.00	3,437.43	3,474.57	3,373.07	9.71	10.76	-39.80	617.68	549.57	266.05	247.28	18.76	14.178	
3,600.00	3,535.23	3,574.15	3,468.99	9.96	11.04	-40.32	639.01	565.76	274.86	255.58	19.28	14.255	
3,700.00	3,633.03	3,673.73	3,564.90	10.21	11.33	-40.80	660.34	581.95	283.70	263.89	19.81	14.318	
3,800.00	3,730.84	3,773.31	3,660.81	10.47	11.63	-41.26	681.67	598.14	292.56	272.20	20.36	14.370	
3,900.00	3,828.64	3,872.89	3,756.72	10.74	11.94	-41.69	703.00	614.34	301.43	280.52	20.92	14.412	
4,000.00	3,926.44	3,972.47	3,852.64	11.01	12.25	-42.10	724.33	630.53	310.32	288.84	21.48	14.445	
4,100.00	4,024.25	4,072.05	3,948.55	11.28	12.56	-42.48	745.66	646.72	319.23	297.17	22.06	14.471	
4,200.00	4,122.05	4,171.63	4,044.46	11.56	12.88	-42.84	766.99	662.91	328.14	305.50	22.65	14.490	
4,300.00	4,219.86	4,271.22	4,140.37	11.85	13.21	-43.18	788.32	679.10	337.08	313.83	23.24	14.503	
4,400.00	4,317.66	4,370.80	4,236.29	12.14	13.54	-43.51	809.65	695.29	346.02	322.17	23.84	14.512	
4,500.00	4,415.46	4,470.38	4,332.20	12.43	13.87	-43.82	830.98	711.48	354.97	330.52	24.45	14.516	
4,600.00	4,513.27	4,569.96	4,428.11	12.72	14.21	-44.11	852.31	727.67	363.93	338.86	25.07	14.516	
4,700.00	4,611.07	4,669.54	4,524.02	13.02	14.55	-44.39	873.64	743.86	372.90	347.21	25.69	14.513	
4,800.00	4,708.88	4,769.12	4,619.94	13.32	14.89	-44.66	894.97	760.05	381.88	355.56	26.32	14.507	
4,900.00	4,806.68	4,868.70	4,715.85	13.63	15.24	-44.91	916.30	776.24	390.87	363.91	26.96	14.499	
5,000.00	4,904.48	4,968.28	4,811.76	13.94	15.59	-45.16	937.63	792.43	399.87	372.27	27.60	14.489	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-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	5,002.29	5,067.86	4,907.67	14.25	15.94	-45.39	958.96	808.62	408.87	380.62	28.24	14.477		
5,200.00	5,100.09	5,167.44	5,003.58	14.56	16.30	-45.61	980.29	824.81	417.88	388.98	28.89	14.463		
5,300.00	5,197.90	5,267.02	5,099.50	14.87	16.65	-45.82	1,001.62	841.00	426.89	397.34	29.55	14.449		
5,400.00	5,295.70	5,366.60	5,195.41	15.19	17.01	-46.03	1,022.95	857.19	435.91	405.71	30.20	14.433		
5,500.00	5,393.50	5,466.18	5,291.32	15.51	17.37	-46.22	1,044.29	873.39	444.93	414.07	30.86	14.416		
5,600.00	5,491.31	5,565.76	5,387.23	15.83	17.73	-46.41	1,065.62	889.58	453.96	422.44	31.53	14.399		
5,700.00	5,589.11	5,665.34	5,483.15	16.15	18.10	-46.59	1,086.95	905.77	463.00	430.80	32.19	14.381		
5,800.00	5,686.91	5,764.92	5,579.06	16.47	18.46	-46.77	1,108.28	921.96	472.04	439.17	32.86	14.363		
5,900.00	5,784.72	5,864.51	5,674.97	16.80	18.83	-46.93	1,129.61	938.15	481.08	447.54	33.54	14.345		
6,000.00	5,882.52	5,964.09	5,770.88	17.12	19.20	-47.09	1,150.94	954.34	490.13	455.91	34.21	14.326		
6,100.00	5,980.33	6,063.67	5,866.80	17.45	19.57	-47.25	1,172.27	970.53	499.18	464.29	34.89	14.307		
6,200.00	6,078.13	6,163.25	5,962.71	17.78	19.94	-47.40	1,193.60	986.72	508.23	472.66	35.57	14.287		
6,300.00	6,175.93	6,262.83	6,058.62	18.11	20.31	-47.54	1,214.93	1,002.91	517.29	481.03	36.25	14.268		
6,400.00	6,273.74	6,362.41	6,154.53	18.44	20.69	-47.68	1,236.26	1,019.10	526.35	489.41	36.94	14.249		
6,499.99	6,371.53	6,461.98	6,250.44	18.77	21.06	-47.82	1,257.59	1,035.29	535.41	497.79	37.63	14.230		
6,600.00	6,470.24	6,561.20	6,346.00	19.03	21.44	-0.14	1,278.84	1,051.42	545.12	506.97	38.15	14.287		
6,700.00	6,569.10	6,665.91	6,447.46	19.19	21.77	54.23	1,301.45	1,063.23	556.00	517.51	38.49	14.447		
6,800.00	6,665.69	6,775.81	6,554.42	19.30	22.03	73.08	1,325.43	1,057.58	567.10	528.36	38.74	14.640		
6,900.00	6,757.63	6,889.34	6,662.19	19.34	22.23	80.82	1,349.76	1,032.07	577.95	539.02	38.93	14.845		
7,000.00	6,842.65	7,006.36	6,766.78	19.33	22.34	84.84	1,373.55	985.70	588.11	549.02	39.09	15.046		
7,100.00	6,918.67	7,126.48	6,863.64	19.30	22.37	87.15	1,395.78	918.55	597.12	557.88	39.24	15.216		
7,200.00	6,983.80	7,249.04	6,947.96	19.25	22.34	88.44	1,415.36	832.07	604.60	565.15	39.46	15.323		
7,300.00	7,036.46	7,373.13	7,015.27	19.23	22.23	89.03	1,431.27	729.27	610.24	570.43	39.81	15.329		
7,400.00	7,075.33	7,497.68	7,061.98	19.26	22.07	89.07	1,442.67	614.59	613.83	573.48	40.35	15.212		
7,500.00	7,099.46	7,621.54	7,085.95	19.40	21.87	88.67	1,449.04	493.44	615.31	574.20	41.11	14.966		
7,600.00	7,108.27	7,736.65	7,088.14	19.68	21.70	88.03	1,450.47	378.46	614.93	572.90	42.03	14.632		
7,696.56	7,107.36	7,833.19	7,085.57	20.10	22.03	87.88	1,450.69	281.96	614.70	571.73	42.97	14.305		
7,700.00	7,105.75	7,836.65	7,085.48	20.11	22.05	88.02	1,450.70	278.50	614.83	571.85	42.99	14.302		
7,800.00	7,102.70	7,936.64	7,082.82	20.71	22.75	88.05	1,450.93	178.54	614.79	570.61	44.19	13.914		
7,900.00	7,099.65	8,036.64	7,080.17	21.43	23.57	88.09	1,451.16	78.58	614.75	569.15	45.60	13.481		
8,000.00	7,096.60	8,136.64	7,077.51	22.26	24.46	88.13	1,451.39	-21.39	614.71	567.50	47.21	13.020		
8,100.00	7,093.55	8,236.64	7,074.85	23.18	25.42	88.16	1,451.62	-121.35	614.67	565.67	49.00	12.544		
8,200.00	7,090.50	8,336.64	7,072.19	24.18	26.44	88.20	1,451.85	-221.31	614.64	563.69	50.95	12.064		
8,300.00	7,087.45	8,436.64	7,069.53	25.24	27.51	88.24	1,452.08	-321.28	614.60	561.56	53.04	11.588		
8,400.00	7,084.40	8,536.64	7,066.88	26.37	28.64	88.27	1,452.31	-421.24	614.56	559.31	55.25	11.124		
8,500.00	7,081.35	8,636.64	7,064.22	27.55	29.82	88.31	1,452.54	-521.20	614.52	556.95	57.57	10.674		
8,600.00	7,078.30	8,736.64	7,061.56	28.78	31.03	88.35	1,452.77	-621.17	614.48	554.49	59.99	10.243		
8,700.00	7,075.25	8,836.64	7,058.90	30.05	32.29	88.38	1,453.00	-721.13	614.44	551.95	62.49	9.832		
8,800.00	7,072.20	8,936.64	7,056.25	31.36	33.57	88.42	1,453.23	-821.10	614.40	549.33	65.07	9.442		
8,900.00	7,069.15	9,036.64	7,053.59	32.70	34.89	88.46	1,453.46	-921.06	614.37	546.64	67.72	9.072		
9,000.00	7,066.10	9,136.64	7,050.93	34.07	36.24	88.49	1,453.69	-1,021.02	614.33	543.90	70.43	8.723		
9,100.00	7,063.05	9,236.63	7,048.27	35.46	37.61	88.53	1,453.92	-1,120.99	614.29	541.10	73.19	8.393		
9,200.00	7,060.00	9,336.63	7,045.61	36.87	39.00	88.56	1,454.15	-1,220.95	614.26	538.26	76.00	8.083		
9,300.00	7,056.95	9,436.63	7,042.96	38.31	40.41	88.60	1,454.38	-1,320.91	614.22	535.37	78.84	7.790		
9,400.00	7,053.90	9,536.63	7,040.30	39.76	41.84	88.64	1,454.61	-1,420.88	614.18	532.45	81.73	7.515		
9,500.00	7,050.85	9,636.63	7,037.64	41.23	43.29	88.67	1,454.84	-1,520.84	614.15	529.50	84.65	7.255		
9,600.00	7,047.80	9,736.63	7,034.98	42.72	44.75	88.71	1,455.06	-1,620.80	614.11	526.51	87.60	7.010		
9,700.00	7,044.75	9,836.63	7,032.33	44.22	46.23	88.75	1,455.29	-1,720.77	614.07	523.50	90.58	6.780		
9,800.00	7,041.70	9,936.63	7,029.67	45.73	47.71	88.78	1,455.52	-1,820.73	614.04	520.46	93.58	6.562		
9,900.00	7,038.65	10,036.63	7,027.01	47.25	49.21	88.82	1,455.75	-1,920.70	614.00	517.40	96.60	6.356		
10,000.00	7,035.60	10,136.63	7,024.35	48.78	50.72	88.86	1,455.98	-2,020.66	613.97	514.32	99.65	6.161		
10,100.00	7,032.55	10,236.63	7,021.69	50.32	52.24	88.89	1,456.21	-2,120.62	613.93	511.23	102.71	5.977		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-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	7,029.50	10,336.63	7,019.04	51.86	53.77	88.93	1,456.44	-2,220.59	613.90	508.11	105.79	5.803	
10,300.00	7,026.45	10,436.63	7,016.38	53.42	55.31	88.97	1,456.67	-2,320.55	613.87	504.98	108.88	5.638	
10,400.00	7,023.40	10,536.62	7,013.72	54.98	56.85	89.00	1,456.90	-2,420.51	613.83	501.84	111.99	5.481	
10,500.00	7,020.35	10,636.62	7,011.06	56.55	58.40	89.04	1,457.13	-2,520.48	613.80	498.68	115.11	5.332	
10,600.00	7,017.30	10,736.62	7,008.41	58.12	59.96	89.08	1,457.36	-2,620.44	613.76	495.52	118.25	5.191	
10,700.00	7,014.25	10,836.62	7,005.75	59.70	61.52	89.11	1,457.59	-2,720.40	613.73	492.34	121.39	5.056	
10,800.00	7,011.20	10,936.62	7,003.09	61.28	63.09	89.15	1,457.82	-2,820.37	613.70	489.15	124.55	4.927	
10,900.00	7,008.15	11,036.62	7,000.43	62.87	64.66	89.19	1,458.05	-2,920.33	613.67	485.95	127.71	4.805	
11,000.00	7,005.10	11,136.62	6,997.78	64.46	66.24	89.22	1,458.28	-3,020.30	613.63	482.75	130.88	4.688	
11,100.00	7,002.05	11,236.62	6,995.12	66.06	67.82	89.26	1,458.51	-3,120.26	613.60	479.54	134.07	4.577	
11,200.00	6,999.00	11,336.62	6,992.46	67.66	69.40	89.30	1,458.74	-3,220.22	613.57	476.32	137.25	4.470	
11,300.00	6,995.95	11,436.62	6,989.80	69.26	70.99	89.33	1,458.97	-3,320.19	613.54	473.09	140.45	4.368	
11,400.00	6,992.90	11,536.62	6,987.14	70.87	72.59	89.37	1,459.20	-3,420.15	613.51	469.85	143.65	4.271	
11,500.00	6,989.85	11,636.62	6,984.49	72.48	74.19	89.41	1,459.43	-3,520.11	613.48	466.61	146.86	4.177	
11,600.00	6,986.80	11,736.62	6,981.83	74.09	75.79	89.44	1,459.66	-3,620.08	613.44	463.37	150.07	4.088	
11,700.00	6,983.75	11,836.61	6,979.17	75.70	77.39	89.48	1,459.89	-3,720.04	613.41	460.12	153.29	4.002	
11,800.00	6,980.70	11,936.61	6,976.51	77.32	79.00	89.52	1,460.12	-3,820.00	613.38	456.87	156.52	3.919	
11,900.00	6,977.65	12,036.61	6,973.86	78.94	80.60	89.55	1,460.35	-3,919.97	613.35	453.61	159.75	3.840	
12,000.00	6,974.60	12,136.61	6,971.20	80.56	82.21	89.59	1,460.58	-4,019.93	613.32	450.34	162.98	3.763	
12,100.00	6,971.55	12,236.61	6,968.54	82.19	83.83	89.63	1,460.80	-4,119.90	613.29	447.08	166.22	3.690	
12,200.00	6,968.50	12,336.61	6,965.88	83.81	85.44	89.66	1,461.03	-4,219.86	613.26	443.81	169.46	3.619	
12,300.00	6,965.45	12,436.61	6,963.22	85.44	87.06	89.70	1,461.26	-4,319.82	613.23	440.53	172.70	3.551	
12,400.00	6,962.40	12,536.61	6,960.57	87.07	88.68	89.74	1,461.49	-4,419.79	613.21	437.25	175.95	3.485	
12,500.00	6,959.35	12,636.61	6,957.91	88.70	90.30	89.77	1,461.72	-4,519.75	613.18	433.97	179.20	3.422	
12,600.00	6,956.30	12,736.61	6,955.25	90.33	91.93	89.81	1,461.95	-4,619.71	613.15	430.69	182.46	3.360	
12,700.00	6,953.25	12,836.61	6,952.59	91.96	93.55	89.85	1,462.18	-4,719.68	613.12	427.40	185.72	3.301	
12,800.00	6,950.20	12,936.61	6,949.94	93.60	95.18	89.88	1,462.41	-4,819.64	613.09	424.12	188.98	3.244	
12,900.00	6,947.15	13,036.61	6,947.28	95.24	96.81	89.92	1,462.64	-4,919.60	613.07	420.83	192.24	3.189	
13,000.00	6,944.10	13,136.60	6,944.62	96.87	98.44	89.96	1,462.87	-5,019.57	613.04	417.53	195.51	3.136	
13,100.00	6,941.05	13,236.60	6,941.96	98.51	100.07	89.99	1,463.10	-5,119.53	613.01	414.24	198.77	3.084	
13,200.00	6,938.00	13,336.60	6,939.30	100.15	101.70	90.03	1,463.33	-5,219.50	612.98	410.94	202.04	3.034	
13,300.00	6,934.95	13,436.60	6,936.65	101.79	103.33	90.07	1,463.56	-5,319.46	612.96	407.64	205.32	2.985	
13,400.00	6,931.90	13,536.60	6,933.99	103.43	104.97	90.10	1,463.79	-5,419.42	612.93	404.34	208.59	2.938	
13,500.00	6,928.85	13,636.60	6,931.33	105.08	106.61	90.14	1,464.02	-5,519.39	612.90	401.04	211.87	2.893	
13,600.00	6,925.80	13,736.60	6,928.67	106.72	108.24	90.18	1,464.25	-5,619.35	612.88	397.74	215.14	2.849	
13,700.00	6,922.75	13,836.60	6,926.02	108.36	109.88	90.21	1,464.48	-5,719.31	612.85	394.43	218.42	2.806	
13,800.00	6,919.70	13,936.60	6,923.36	110.01	111.52	90.25	1,464.71	-5,819.28	612.83	391.12	221.70	2.764	
13,900.00	6,916.65	14,036.60	6,920.70	111.66	113.16	90.29	1,464.94	-5,919.24	612.80	387.82	224.99	2.724	
14,000.00	6,913.60	14,136.60	6,918.04	113.30	114.80	90.32	1,465.17	-6,019.20	612.78	384.51	228.27	2.684	
14,100.00	6,910.55	14,236.60	6,915.38	114.95	116.44	90.36	1,465.40	-6,119.17	612.75	381.20	231.56	2.646	
14,200.00	6,907.50	14,336.60	6,912.73	116.60	118.09	90.40	1,465.63	-6,219.13	612.73	377.89	234.84	2.609	
14,300.00	6,904.45	14,436.59	6,910.07	118.25	119.73	90.43	1,465.86	-6,319.10	612.70	374.57	238.13	2.573	
14,400.00	6,901.40	14,536.59	6,907.41	119.90	121.37	90.47	1,466.09	-6,419.06	612.68	371.26	241.42	2.538	
14,500.00	6,898.35	14,636.59	6,904.75	121.55	123.02	90.51	1,466.32	-6,519.02	612.66	367.95	244.71	2.504	
14,600.00	6,895.30	14,736.59	6,902.10	123.20	124.66	90.54	1,466.55	-6,618.99	612.63	364.63	248.00	2.470	
14,700.00	6,892.25	14,836.59	6,899.44	124.85	126.31	90.58	1,466.77	-6,718.95	612.61	361.31	251.30	2.438	
14,800.00	6,889.20	14,936.59	6,896.78	126.50	127.96	90.62	1,467.00	-6,818.91	612.59	358.00	254.59	2.406	
14,900.00	6,886.15	15,036.59	6,894.12	128.15	129.61	90.65	1,467.23	-6,918.88	612.57	354.68	257.88	2.375	
15,000.00	6,883.10	15,136.59	6,891.46	129.81	131.25	90.69	1,467.46	-7,018.84	612.54	351.36	261.18	2.345	
15,100.00	6,880.05	15,236.59	6,888.81	131.46	132.90	90.73	1,467.69	-7,118.80	612.52	348.04	264.48	2.316	
15,200.00	6,877.00	15,336.59	6,886.15	133.11	134.55	90.76	1,467.92	-7,218.77	612.50	344.72	267.77	2.287	
15,300.00	6,873.95	15,436.59	6,883.49	134.77	136.20	90.80	1,468.15	-7,318.73	612.48	341.41	271.07	2.259	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32N-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	
15,400.00	6,870.90	15,536.59	6,880.83	136.42	137.85	90.84	1,468.38	-7,418.70	612.46	338.08	274.37	2.232	
15,500.00	6,867.85	15,636.59	6,878.18	138.08	139.51	90.87	1,468.61	-7,518.66	612.43	334.76	277.67	2.206	
15,562.16	6,865.95	15,698.75	6,876.52	139.11	140.53	90.90	1,468.75	-7,580.80	612.42	332.70	279.72	2.189 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
0.00	0.00	1.00	-1.00	3.28	3.28	-90.00	0.00	-39.81	39.81				
100.00	100.00	101.00	99.00	3.28	3.28	-90.00	0.00	-39.81	39.81	32.28	7.53	5.288	
200.00	200.00	201.00	199.00	3.31	3.31	-90.00	0.00	-39.81	39.81	32.24	7.57	5.256	
300.00	300.00	299.64	299.64	3.35	3.35	-143.66	0.15	-39.41	39.77	32.11	7.66	5.190	
400.00	399.93	400.95	400.88	3.42	3.41	-144.90	1.41	-36.10	39.31	31.53	7.78	5.051	
500.00	499.68	502.24	501.92	3.51	3.51	-147.44	3.94	-29.44	38.42	30.48	7.94	4.838	
600.00	599.13	603.49	602.59	3.62	3.62	-151.46	7.73	-19.45	37.22	29.09	8.13	4.576	
700.00	698.15	704.69	702.78	3.76	3.77	-157.17	12.78	-6.15	35.91	27.55	8.36	4.294	
773.09	770.19	778.24	775.28	3.89	3.90	-162.52	17.19	5.45	35.20	26.64	8.56	4.111 CC, ES	
800.00	796.63	805.12	801.75	3.94	3.95	-164.73	18.84	9.81	35.35	26.70	8.65	4.088	
900.00	894.53	904.94	900.06	4.15	4.15	-173.03	24.98	25.98	38.13	29.13	9.00	4.237	
1,000.00	992.33	1,004.74	998.35	4.40	4.38	179.92	31.12	42.15	42.06	32.66	9.40	4.475	
1,100.00	1,090.13	1,104.54	1,096.64	4.68	4.64	174.15	37.26	58.32	46.52	36.68	9.84	4.726	
1,200.00	1,187.94	1,204.34	1,194.93	4.97	4.90	169.42	43.40	74.49	51.37	41.04	10.33	4.973	
1,300.00	1,285.74	1,304.14	1,293.22	5.28	5.19	165.52	49.54	90.66	56.50	45.65	10.85	5.208	
1,400.00	1,383.54	1,403.95	1,391.52	5.60	5.48	162.29	55.67	106.83	61.85	50.46	11.40	5.427	
1,500.00	1,481.35	1,503.75	1,489.81	5.94	5.79	159.58	61.81	123.00	67.37	55.40	11.97	5.627	
1,600.00	1,579.15	1,603.55	1,588.10	6.29	6.10	157.28	67.95	139.17	73.01	60.44	12.57	5.808	
1,700.00	1,676.96	1,703.35	1,686.39	6.64	6.42	155.31	74.09	155.34	78.76	65.57	13.19	5.972	
1,800.00	1,774.76	1,803.15	1,784.68	7.01	6.74	153.62	80.23	171.51	84.58	70.77	13.82	6.122	
1,900.00	1,872.56	1,902.95	1,882.97	7.21	6.92	152.14	86.37	187.68	90.47	76.68	13.79	6.561	
2,000.00	1,970.37	2,002.75	1,981.26	7.26	6.96	150.84	92.51	203.85	96.41	82.54	13.88	6.947	
2,100.00	2,068.17	2,102.55	2,079.55	7.32	7.01	149.70	98.65	220.02	102.40	88.40	14.00	7.315	
2,200.00	2,165.98	2,202.35	2,177.84	7.41	7.08	148.68	104.79	236.19	108.42	94.27	14.15	7.662	
2,300.00	2,263.78	2,302.15	2,276.13	7.51	7.17	147.77	110.93	252.36	114.47	100.14	14.33	7.986	
2,400.00	2,361.58	2,401.96	2,374.42	7.62	7.27	146.95	117.06	268.53	120.55	106.00	14.55	8.287	
2,500.00	2,459.39	2,501.76	2,472.72	7.75	7.39	146.21	123.20	284.70	126.65	111.86	14.79	8.564	
2,600.00	2,557.19	2,601.56	2,571.01	7.90	7.51	145.54	129.34	300.87	132.77	117.71	15.06	8.817	
2,700.00	2,654.99	2,701.36	2,669.30	8.05	7.66	144.92	135.48	317.04	138.90	123.55	15.35	9.047	
2,800.00	2,752.80	2,801.16	2,767.59	8.22	7.81	144.36	141.62	333.21	145.05	129.38	15.67	9.255	
2,900.00	2,850.60	2,900.96	2,865.88	8.41	7.97	143.85	147.76	349.38	151.21	135.20	16.02	9.442	
3,000.00	2,948.41	3,000.76	2,964.17	8.60	8.15	143.37	153.90	365.55	157.39	141.01	16.38	9.608	
3,100.00	3,046.21	3,100.56	3,062.46	8.80	8.33	142.93	160.04	381.71	163.57	146.81	16.77	9.757	
3,200.00	3,144.01	3,200.36	3,160.75	9.02	8.53	142.53	166.18	397.88	169.76	152.60	17.17	9.888	
3,300.00	3,241.82	3,300.17	3,259.04	9.24	8.73	142.15	172.32	414.05	175.97	158.37	17.59	10.003	
3,400.00	3,339.62	3,400.03	3,357.33	9.47	8.94	141.79	178.46	430.22	182.17	164.14	18.03	10.104	
3,500.00	3,437.43	3,500.23	3,455.62	9.71	9.16	141.46	184.59	446.39	188.39	169.90	18.49	10.191	
3,600.00	3,535.23	3,600.43	3,553.92	9.96	9.39	141.16	190.73	462.56	194.61	175.65	18.95	10.267	
3,700.00	3,633.03	3,700.63	3,652.21	10.21	9.62	140.87	196.87	478.73	200.83	181.40	19.44	10.333	
3,800.00	3,730.84	3,799.17	3,750.50	10.47	9.86	140.60	203.01	494.90	207.06	187.14	19.93	10.391	
3,900.00	3,828.64	3,901.03	3,848.79	10.74	10.10	140.34	209.15	511.07	213.30	192.86	20.44	10.437	
4,000.00	3,926.44	4,001.23	3,947.08	11.01	10.35	140.10	215.29	527.24	219.54	198.58	20.95	10.477	
4,100.00	4,024.25	4,101.43	4,045.37	11.28	10.61	139.87	221.43	543.41	225.78	204.30	21.48	10.511	
4,200.00	4,122.05	4,201.62	4,143.66	11.56	10.87	139.65	227.57	559.58	232.02	210.01	22.02	10.539	
4,300.00	4,219.86	4,298.18	4,241.95	11.85	11.12	139.45	233.71	575.75	238.27	215.72	22.55	10.567	
4,400.00	4,317.66	4,402.02	4,340.24	12.14	11.40	139.25	239.85	591.92	244.52	221.41	23.11	10.580	
4,500.00	4,415.46	4,502.22	4,438.53	12.43	11.67	139.07	245.99	608.09	250.78	227.11	23.67	10.595	
4,600.00	4,513.27	4,597.58	4,536.82	12.72	11.93	138.90	252.12	624.26	257.03	232.81	24.22	10.611	
4,700.00	4,611.07	4,702.62	4,635.12	13.02	12.22	138.73	258.26	640.43	263.29	238.49	24.81	10.613	
4,800.00	4,708.88	4,797.18	4,733.41	13.32	12.49	138.57	264.40	656.60	269.55	244.18	25.37	10.625	
4,900.00	4,806.68	4,903.02	4,831.70	13.63	12.79	138.42	270.54	672.77	275.82	249.85	25.97	10.621	
5,000.00	4,904.48	5,003.22	4,929.99	13.94	13.07	138.27	276.68	688.94	282.08	255.52	26.56	10.622	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,002.29	5,103.42	5,028.28	14.25	13.36	138.13	282.82	705.11	288.35	261.20	27.15	10.620	
5,200.00	5,100.09	5,203.61	5,126.57	14.56	13.65	138.00	288.96	721.28	294.62	266.87	27.75	10.617	
5,300.00	5,197.90	5,303.81	5,224.86	14.87	13.95	137.87	295.10	737.45	300.89	272.54	28.35	10.613	
5,400.00	5,295.70	5,404.01	5,323.15	15.19	14.24	137.75	301.24	753.62	307.16	278.20	28.96	10.608	
5,500.00	5,393.50	5,495.79	5,421.44	15.51	14.51	137.63	307.38	769.79	313.43	283.89	29.54	10.610	
5,600.00	5,491.31	5,604.41	5,519.73	15.83	14.84	137.52	313.52	785.96	319.70	289.53	30.18	10.594	
5,700.00	5,589.11	5,704.61	5,618.02	16.15	15.14	137.41	319.65	802.13	325.98	295.18	30.79	10.586	
5,800.00	5,686.91	5,795.19	5,716.32	16.47	15.41	137.31	325.79	818.30	332.25	300.87	31.39	10.586	
5,900.00	5,784.72	5,905.01	5,814.61	16.80	15.74	137.21	331.93	834.47	338.53	306.50	32.04	10.567	
6,000.00	5,882.52	6,005.21	5,912.90	17.12	16.05	137.11	338.07	850.64	344.81	312.15	32.66	10.557	
6,100.00	5,980.33	6,105.40	6,011.19	17.45	16.36	137.02	344.21	866.81	351.09	317.80	33.29	10.547	
6,200.00	6,078.13	6,205.60	6,109.48	17.78	16.66	136.93	350.35	882.98	357.37	323.45	33.92	10.536	
6,300.00	6,175.93	6,305.80	6,207.77	18.11	16.97	136.84	356.49	899.15	363.65	329.10	34.55	10.525	
6,400.00	6,273.74	6,394.00	6,306.06	18.44	17.24	136.75	362.63	915.32	369.93	334.78	35.15	10.525	
6,499.99	6,371.53	6,506.21	6,404.34	18.77	17.59	136.67	368.77	931.49	376.21	340.39	35.82	10.503	
6,600.00	6,470.24	6,593.23	6,502.28	19.03	17.86	-176.25	374.88	947.60	381.31	344.91	36.40	10.475	
6,700.00	6,569.10	6,688.21	6,595.97	19.19	18.14	-125.60	380.74	961.91	385.03	348.01	37.02	10.402	
6,800.00	6,665.69	6,781.34	6,688.80	19.30	18.31	-110.67	386.59	964.81	389.79	352.31	37.48	10.401	
6,900.00	6,757.63	6,878.07	6,784.56	19.34	18.43	-106.71	392.68	953.43	395.98	358.17	37.81	10.473	
7,000.00	6,842.65	6,978.94	6,881.39	19.33	18.48	-106.20	398.91	926.24	403.47	365.46	38.01	10.615	
7,100.00	6,918.67	7,084.53	6,976.82	19.30	18.49	-107.08	405.12	881.77	411.97	373.89	38.07	10.820	
7,200.00	6,983.80	7,195.33	7,067.63	19.25	18.47	-108.55	411.11	818.80	421.01	382.97	38.04	11.066	
7,300.00	7,036.46	7,311.71	7,149.76	19.23	18.46	-110.24	416.63	736.77	430.01	392.01	38.01	11.314	
7,400.00	7,075.33	7,433.73	7,218.37	19.26	18.51	-111.90	421.38	636.20	438.28	400.17	38.11	11.501	
7,500.00	7,099.46	7,561.06	7,268.21	19.40	18.69	-113.40	425.01	519.32	445.07	406.57	38.50	11.561	
7,600.00	7,108.27	7,692.82	7,294.32	19.68	19.06	-114.62	427.19	390.43	449.71	410.42	39.29	11.446	
7,700.00	7,105.75	7,813.55	7,295.79	20.11	19.55	-115.07	427.78	269.81	450.98	410.58	40.40	11.164	
7,800.00	7,102.70	7,913.55	7,292.75	20.71	20.10	-115.07	428.00	169.86	451.01	409.42	41.60	10.843	
7,900.00	7,099.65	8,013.55	7,289.71	21.43	20.78	-115.07	428.22	69.91	451.05	408.06	42.99	10.491	
8,000.00	7,096.60	8,113.55	7,286.67	22.26	21.56	-115.07	428.44	-30.05	451.09	406.52	44.57	10.121	
8,100.00	7,093.55	8,213.55	7,283.63	23.18	22.44	-115.07	428.66	-130.00	451.12	404.81	46.31	9.742	
8,200.00	7,090.50	8,313.55	7,280.58	24.18	23.40	-115.07	428.88	-229.95	451.16	402.97	48.19	9.362	
8,300.00	7,087.45	8,413.55	7,277.54	25.24	24.44	-115.07	429.10	-329.91	451.20	401.00	50.20	8.988	
8,400.00	7,084.40	8,513.55	7,274.50	26.37	25.55	-115.07	429.32	-429.86	451.23	398.91	52.32	8.625	
8,500.00	7,081.35	8,613.55	7,271.46	27.55	26.71	-115.07	429.54	-529.81	451.27	396.73	54.54	8.274	
8,600.00	7,078.30	8,713.55	7,268.42	28.78	27.93	-115.07	429.76	-629.77	451.30	394.46	56.84	7.939	
8,700.00	7,075.25	8,813.55	7,265.37	30.05	29.19	-115.06	429.98	-729.72	451.34	392.11	59.23	7.620	
8,800.00	7,072.20	8,913.55	7,262.33	31.36	30.49	-115.06	430.20	-829.67	451.38	389.70	61.68	7.318	
8,900.00	7,069.15	9,013.55	7,259.29	32.70	31.82	-115.06	430.42	-929.63	451.41	387.22	64.19	7.032	
9,000.00	7,066.10	9,113.55	7,256.25	34.07	33.18	-115.06	430.64	-1,029.58	451.45	384.69	66.76	6.762	
9,100.00	7,063.05	9,213.55	7,253.21	35.46	34.58	-115.06	430.86	-1,129.54	451.49	382.12	69.37	6.508	
9,200.00	7,060.00	9,313.55	7,250.17	36.87	35.99	-115.06	431.08	-1,229.49	451.52	379.50	72.03	6.269	
9,300.00	7,056.95	9,413.55	7,247.12	38.31	37.43	-115.06	431.30	-1,329.44	451.56	376.84	74.72	6.044	
9,400.00	7,053.90	9,513.55	7,244.08	39.76	38.88	-115.06	431.52	-1,429.40	451.59	374.15	77.44	5.831	
9,500.00	7,050.85	9,613.55	7,241.04	41.23	40.35	-115.06	431.74	-1,529.35	451.63	371.43	80.20	5.631	
9,600.00	7,047.80	9,713.55	7,238.00	42.72	41.84	-115.06	431.97	-1,629.30	451.67	368.68	82.98	5.443	
9,700.00	7,044.75	9,813.55	7,234.96	44.22	43.34	-115.05	432.19	-1,729.26	451.70	365.91	85.79	5.265	
9,800.00	7,041.70	9,913.55	7,231.91	45.73	44.85	-115.05	432.41	-1,829.21	451.74	363.12	88.62	5.097	
9,900.00	7,038.65	10,013.55	7,228.87	47.25	46.38	-115.05	432.63	-1,929.16	451.78	360.31	91.47	4.939	
10,000.00	7,035.60	10,113.55	7,225.83	48.78	47.91	-115.05	432.85	-2,029.12	451.81	357.47	94.34	4.789	
10,100.00	7,032.55	10,213.55	7,222.79	50.32	49.45	-115.05	433.07	-2,129.07	451.85	354.62	97.22	4.647	
10,200.00	7,029.50	10,313.55	7,219.75	51.86	51.00	-115.05	433.29	-2,229.02	451.89	351.76	100.12	4.513	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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		
10,300.00	7,026.45	10,413.55	7,216.71	53.42	52.56	-115.05	433.51	-2,328.98	451.92	348.88	103.04	4.386		
10,400.00	7,023.40	10,513.55	7,213.66	54.98	54.12	-115.05	433.73	-2,428.93	451.96	345.99	105.97	4.265		
10,500.00	7,020.35	10,613.55	7,210.62	56.55	55.70	-115.05	433.95	-2,528.88	451.99	343.09	108.90	4.150		
10,600.00	7,017.30	10,713.55	7,207.58	58.12	57.27	-115.05	434.17	-2,628.84	452.03	340.18	111.85	4.041		
10,700.00	7,014.25	10,813.55	7,204.54	59.70	58.85	-115.04	434.39	-2,728.79	452.07	337.25	114.81	3.937		
10,800.00	7,011.20	10,913.55	7,201.50	61.28	60.44	-115.04	434.61	-2,828.74	452.10	334.32	117.78	3.839		
10,900.00	7,008.15	11,013.55	7,198.45	62.87	62.03	-115.04	434.83	-2,928.70	452.14	331.38	120.76	3.744		
11,000.00	7,005.10	11,113.55	7,195.41	64.46	63.63	-115.04	435.05	-3,028.65	452.18	328.43	123.74	3.654		
11,100.00	7,002.05	11,213.55	7,192.37	66.06	65.23	-115.04	435.27	-3,128.60	452.21	325.48	126.74	3.568		
11,200.00	6,999.00	11,313.55	7,189.33	67.66	66.83	-115.04	435.49	-3,228.56	452.25	322.51	129.73	3.486		
11,300.00	6,995.95	11,413.55	7,186.29	69.26	68.43	-115.04	435.71	-3,328.51	452.28	319.54	132.74	3.407		
11,400.00	6,992.90	11,513.55	7,183.24	70.87	70.04	-115.04	435.93	-3,428.46	452.32	316.57	135.75	3.332		
11,500.00	6,989.85	11,613.55	7,180.20	72.48	71.66	-115.04	436.15	-3,528.42	452.36	313.59	138.77	3.260		
11,600.00	6,986.80	11,713.55	7,177.16	74.09	73.27	-115.04	436.37	-3,628.37	452.39	310.60	141.79	3.191		
11,700.00	6,983.75	11,813.55	7,174.12	75.70	74.89	-115.03	436.59	-3,728.33	452.43	307.61	144.82	3.124		
11,800.00	6,980.70	11,913.55	7,171.08	77.32	76.51	-115.03	436.81	-3,828.28	452.47	304.62	147.85	3.060		
11,900.00	6,977.65	12,013.55	7,168.04	78.94	78.13	-115.03	437.03	-3,928.23	452.50	301.62	150.89	2.999		
12,000.00	6,974.60	12,113.55	7,164.99	80.56	79.75	-115.03	437.25	-4,028.19	452.54	298.61	153.93	2.940		
12,100.00	6,971.55	12,213.55	7,161.95	82.19	81.38	-115.03	437.47	-4,128.14	452.58	295.61	156.97	2.883		
12,200.00	6,968.50	12,313.55	7,158.91	83.81	83.01	-115.03	437.69	-4,228.09	452.61	292.59	160.02	2.829		
12,300.00	6,965.45	12,413.55	7,155.87	85.44	84.64	-115.03	437.91	-4,328.05	452.65	289.58	163.07	2.776		
12,400.00	6,962.40	12,513.55	7,152.83	87.07	86.27	-115.03	438.13	-4,428.00	452.68	286.56	166.12	2.725		
12,500.00	6,959.35	12,613.55	7,149.78	88.70	87.90	-115.03	438.35	-4,527.95	452.72	283.54	169.18	2.676		
12,600.00	6,956.30	12,713.55	7,146.74	90.33	89.53	-115.03	438.57	-4,627.91	452.76	280.52	172.24	2.629		
12,700.00	6,953.25	12,813.55	7,143.70	91.96	91.17	-115.02	438.79	-4,727.86	452.79	277.49	175.30	2.583		
12,800.00	6,950.20	12,913.55	7,140.66	93.60	92.81	-115.02	439.02	-4,827.81	452.83	274.46	178.37	2.539		
12,900.00	6,947.15	13,013.55	7,137.62	95.24	94.44	-115.02	439.24	-4,927.77	452.87	271.43	181.44	2.496		
13,000.00	6,944.10	13,113.55	7,134.58	96.87	96.08	-115.02	439.46	-5,027.72	452.90	268.40	184.51	2.455		
13,100.00	6,941.05	13,213.55	7,131.53	98.51	97.72	-115.02	439.68	-5,127.67	452.94	265.36	187.58	2.415		
13,200.00	6,938.00	13,313.55	7,128.49	100.15	99.37	-115.02	439.90	-5,227.63	452.97	262.32	190.65	2.376		
13,300.00	6,934.95	13,413.55	7,125.45	101.79	101.01	-115.02	440.12	-5,327.58	453.01	259.28	193.73	2.338		
13,400.00	6,931.90	13,513.55	7,122.41	103.43	102.65	-115.02	440.34	-5,427.53	453.05	256.24	196.81	2.302		
13,500.00	6,928.85	13,613.55	7,119.37	105.08	104.30	-115.02	440.56	-5,527.49	453.08	253.20	199.89	2.267		
13,600.00	6,925.80	13,713.55	7,116.32	106.72	105.94	-115.02	440.78	-5,627.44	453.12	250.15	202.97	2.232		
13,700.00	6,922.75	13,813.55	7,113.28	108.36	107.59	-115.01	441.00	-5,727.39	453.16	247.10	206.05	2.199		
13,800.00	6,919.70	13,913.55	7,110.24	110.01	109.23	-115.01	441.22	-5,827.35	453.19	244.05	209.14	2.167		
13,900.00	6,916.65	14,013.55	7,107.20	111.66	110.88	-115.01	441.44	-5,927.30	453.23	241.00	212.23	2.136		
14,000.00	6,913.60	14,113.55	7,104.16	113.30	112.53	-115.01	441.66	-6,027.26	453.27	237.95	215.31	2.105		
14,100.00	6,910.55	14,213.55	7,101.12	114.95	114.18	-115.01	441.88	-6,127.21	453.30	234.90	218.40	2.076		
14,200.00	6,907.50	14,313.55	7,098.07	116.60	115.83	-115.01	442.10	-6,227.16	453.34	231.84	221.50	2.047		
14,300.00	6,904.45	14,413.55	7,095.03	118.25	117.48	-115.01	442.32	-6,327.12	453.37	228.79	224.59	2.019		
14,400.00	6,901.40	14,513.55	7,091.99	119.90	119.13	-115.01	442.54	-6,427.07	453.41	225.73	227.68	1.991		
14,500.00	6,898.35	14,613.55	7,088.95	121.55	120.78	-115.01	442.76	-6,527.02	453.45	222.67	230.78	1.965		
14,600.00	6,895.30	14,713.55	7,085.91	123.20	122.43	-115.01	442.98	-6,626.98	453.48	219.61	233.87	1.939		
14,700.00	6,892.25	14,813.55	7,082.86	124.85	124.09	-115.01	443.20	-6,726.93	453.52	216.55	236.97	1.914		
14,800.00	6,889.20	14,913.55	7,079.82	126.50	125.74	-115.00	443.42	-6,826.88	453.56	213.49	240.07	1.889		
14,900.00	6,886.15	15,013.55	7,076.78	128.15	127.39	-115.00	443.64	-6,926.84	453.59	210.42	243.17	1.865		
15,000.00	6,883.10	15,113.55	7,073.74	129.81	129.05	-115.00	443.86	-7,026.79	453.63	207.36	246.27	1.842		
15,100.00	6,880.05	15,213.55	7,070.70	131.46	130.70	-115.00	444.08	-7,126.74	453.66	204.29	249.37	1.819		
15,200.00	6,877.00	15,313.55	7,067.65	133.11	132.36	-115.00	444.30	-7,226.70	453.70	201.23	252.47	1.797		
15,300.00	6,873.95	15,413.55	7,064.61	134.77	134.01	-115.00	444.52	-7,326.65	453.74	198.16	255.58	1.775		
15,400.00	6,870.90	15,513.55	7,061.57	136.42	135.67	-115.00	444.74	-7,426.60	453.77	195.09	258.68	1.754		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,500.00	6,867.85	15,613.55	7,058.53	138.08	137.32	-115.00	444.96	-7,526.56	453.81	192.03	261.78	1.734	
15,502.02	6,867.78	15,615.58	7,058.47	138.11	137.36	-115.00	444.97	-7,528.58	453.81	191.97	261.85	1.733	
15,562.16	6,865.95	15,665.20	7,056.96	139.11	138.18	-115.00	445.08	-7,578.18	453.95	190.70	263.26	1.724 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	1.00	-1.00	3.28	3.28	-89.74	0.36	-79.90	79.90				
100.00	100.00	101.00	99.00	3.28	3.28	-89.74	0.36	-79.90	79.90	72.38	7.53	10.613	
200.00	200.00	201.00	199.00	3.31	3.31	-89.74	0.36	-79.90	79.90	72.33	7.57	10.549	
200.00	200.00	201.00	199.00	3.31	3.31	-89.74	0.36	-79.90	79.90	72.33	7.57	10.549 CC, ES	
300.00	300.00	301.00	299.00	3.35	3.35	-143.42	0.36	-79.90	80.25	72.59	7.66	10.472	
400.00	399.93	401.07	398.93	3.42	3.42	-144.82	0.36	-79.90	83.08	75.29	7.80	10.657	
500.00	499.68	501.32	498.68	3.51	3.51	-147.35	0.36	-79.90	88.88	80.91	7.97	11.148	
600.00	599.13	601.87	598.13	3.62	3.61	-150.56	0.36	-79.90	97.85	89.66	8.19	11.945	
700.00	698.15	702.85	697.15	3.76	3.74	-154.00	0.36	-79.90	110.20	101.75	8.45	13.037	
800.00	796.63	795.63	795.63	3.94	3.87	-157.33	0.36	-79.90	126.07	117.33	8.74	14.422	
900.00	894.53	898.32	898.30	4.15	4.01	-160.66	0.46	-78.22	143.58	134.52	9.06	15.849	
1,000.00	992.33	1,002.19	1,002.02	4.40	4.17	-163.76	0.78	-72.78	158.49	149.11	9.39	16.886	
1,100.00	1,090.13	1,106.85	1,106.27	4.68	4.35	-166.75	1.32	-63.51	170.35	160.61	9.74	17.488	
1,200.00	1,187.94	1,212.06	1,210.64	4.97	4.55	-169.80	2.09	-50.37	179.21	169.09	10.12	17.701	
1,300.00	1,285.74	1,317.52	1,314.71	5.28	4.78	-173.07	3.09	-33.37	185.19	174.65	10.54	17.573	
1,400.00	1,383.54	1,418.51	1,413.90	5.60	5.03	-176.38	4.20	-14.41	189.31	178.31	11.00	17.206	
1,500.00	1,481.35	1,517.85	1,511.44	5.94	5.29	-179.51	5.30	4.38	193.92	182.42	11.50	16.856	
1,600.00	1,579.15	1,617.19	1,608.98	6.29	5.57	177.51	6.40	23.17	199.08	187.05	12.04	16.542	
1,700.00	1,676.96	1,716.53	1,706.52	6.64	5.87	174.69	7.50	41.95	204.76	192.16	12.59	16.259	
1,800.00	1,774.76	1,815.87	1,804.06	7.01	6.15	172.02	8.60	60.74	210.91	197.92	12.99	16.242	
1,900.00	1,872.56	1,915.21	1,901.60	7.21	6.30	169.51	9.70	79.53	217.49	204.40	13.09	16.613	
2,000.00	1,970.37	2,014.54	1,999.14	7.26	6.34	167.15	10.80	98.31	224.47	211.29	13.18	17.030	
2,100.00	2,068.17	2,113.88	2,096.68	7.32	6.40	164.93	11.90	117.10	231.80	218.49	13.31	17.419	
2,200.00	2,165.98	2,213.22	2,194.22	7.41	6.48	162.85	13.00	135.89	239.46	225.99	13.47	17.774	
2,300.00	2,263.78	2,312.56	2,291.76	7.51	6.57	160.91	14.09	154.67	247.42	233.75	13.67	18.096	
2,400.00	2,361.58	2,411.90	2,389.30	7.62	6.68	159.08	15.19	173.46	255.65	241.74	13.91	18.381	
2,500.00	2,459.39	2,511.24	2,486.84	7.75	6.81	157.37	16.29	192.24	264.12	249.94	14.18	18.632	
2,600.00	2,557.19	2,610.58	2,584.38	7.90	6.96	155.77	17.39	211.03	272.81	258.33	14.47	18.849	
2,700.00	2,654.99	2,709.91	2,681.92	8.05	7.12	154.26	18.49	229.82	281.70	266.89	14.80	19.033	
2,800.00	2,752.80	2,809.25	2,779.46	8.22	7.29	152.85	19.59	248.60	290.77	275.61	15.15	19.187	
2,900.00	2,850.60	2,908.59	2,877.00	8.41	7.47	151.52	20.69	267.39	300.00	284.47	15.53	19.315	
3,000.00	2,948.41	3,007.93	2,974.54	8.60	7.67	150.28	21.79	286.18	309.39	293.45	15.94	19.415	
3,100.00	3,046.21	3,107.27	3,072.08	8.80	7.88	149.10	22.89	304.96	318.91	302.56	16.36	19.495	
3,200.00	3,144.01	3,206.61	3,169.62	9.02	8.09	148.00	23.99	323.75	328.56	311.76	16.80	19.555	
3,300.00	3,241.82	3,305.95	3,267.16	9.24	8.32	146.96	25.09	342.54	338.33	321.06	17.26	19.599	
3,400.00	3,339.62	3,405.29	3,364.70	9.47	8.55	145.98	26.19	361.32	348.20	330.45	17.74	19.627	
3,500.00	3,437.43	3,504.62	3,462.24	9.71	8.80	145.05	27.29	380.11	358.16	339.93	18.23	19.643	
3,600.00	3,535.23	3,603.96	3,559.78	9.96	9.05	144.17	28.39	398.90	368.21	349.47	18.74	19.648	
3,700.00	3,633.03	3,703.30	3,657.32	10.21	9.30	143.34	29.49	417.68	378.35	359.09	19.26	19.643	
3,800.00	3,730.84	3,802.64	3,754.86	10.47	9.56	142.55	30.59	436.47	388.56	368.76	19.79	19.631	
3,900.00	3,828.64	3,901.98	3,852.40	10.74	9.83	141.80	31.69	455.25	398.84	378.50	20.34	19.613	
4,000.00	3,926.44	4,001.32	3,949.94	11.01	10.10	141.09	32.79	474.04	409.18	388.29	20.89	19.589	
4,100.00	4,024.25	4,100.66	4,047.48	11.28	10.38	140.42	33.89	492.83	419.58	398.13	21.45	19.561	
4,200.00	4,122.05	4,200.01	4,145.02	11.56	10.66	139.77	34.99	511.61	430.04	408.02	22.02	19.529	
4,300.00	4,219.86	4,300.67	4,242.56	11.85	10.95	139.16	36.09	530.40	440.55	417.94	22.60	19.491	
4,400.00	4,317.66	4,401.33	4,340.10	12.14	11.25	138.58	37.19	549.19	451.10	427.91	23.19	19.451	
4,500.00	4,415.46	4,501.99	4,437.64	12.43	11.54	138.02	38.29	567.97	461.70	437.91	23.79	19.409	
4,600.00	4,513.27	4,602.65	4,535.18	12.72	11.84	137.49	39.39	586.76	472.34	447.95	24.39	19.366	
4,700.00	4,611.07	4,696.69	4,632.72	13.02	12.13	136.98	40.49	605.55	483.02	458.04	24.98	19.337	
4,800.00	4,708.88	4,796.03	4,730.26	13.32	12.43	136.49	41.58	624.33	493.74	468.15	25.59	19.295	
4,900.00	4,806.68	4,904.64	4,827.80	13.63	12.76	136.03	42.68	643.12	504.49	478.26	26.23	19.232	
5,000.00	4,904.48	5,005.30	4,925.33	13.94	13.07	135.58	43.78	661.90	515.27	488.41	26.85	19.187	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,002.29	5,105.96	5,022.87	14.25	13.39	135.15	44.88	680.69	526.08	498.60	27.48	19.143	
5,200.00	5,100.09	5,206.62	5,120.41	14.56	13.70	134.74	45.98	699.48	536.92	508.80	28.11	19.098	
5,300.00	5,197.90	5,307.28	5,217.95	14.87	14.02	134.35	47.08	718.26	547.78	519.03	28.75	19.054	
5,400.00	5,295.70	5,407.94	5,315.49	15.19	14.34	133.97	48.18	737.05	558.67	529.28	29.39	19.011	
5,500.00	5,393.50	5,508.60	5,413.03	15.51	14.66	133.61	49.28	755.84	569.58	539.55	30.03	18.967	
5,600.00	5,491.31	5,609.27	5,510.57	15.83	14.98	133.25	50.38	774.62	580.52	549.84	30.67	18.925	
5,700.00	5,589.11	5,709.93	5,608.11	16.15	15.30	132.92	51.48	793.41	591.47	560.15	31.32	18.883	
5,800.00	5,686.91	5,789.41	5,705.65	16.47	15.56	132.59	52.58	812.20	602.45	570.54	31.90	18.883	
5,900.00	5,784.72	5,888.75	5,803.19	16.80	15.88	132.28	53.68	830.98	613.44	580.89	32.55	18.844	
6,000.00	5,882.52	5,988.09	5,900.73	17.12	16.21	131.97	54.78	849.77	624.45	591.25	33.20	18.806	
6,100.00	5,980.33	6,087.43	5,998.27	17.45	16.53	131.68	55.88	868.55	635.48	601.62	33.86	18.769	
6,200.00	6,078.13	6,186.77	6,095.81	17.78	16.86	131.40	56.98	887.34	646.53	612.01	34.51	18.733	
6,300.00	6,175.93	6,286.10	6,193.35	18.11	17.18	131.13	58.08	906.13	657.58	622.41	35.17	18.697	
6,400.00	6,273.74	6,380.23	6,286.17	18.44	17.44	131.09	59.12	921.45	668.90	633.15	35.74	18.714	
6,499.99	6,371.53	6,469.40	6,375.22	18.77	17.58	132.05	60.11	924.24	681.49	645.33	36.16	18.848	
6,600.00	6,470.24	6,555.56	6,460.82	19.03	17.67	-177.54	61.06	915.10	695.21	658.81	36.40	19.098	
6,700.00	6,569.10	6,639.94	6,542.72	19.19	17.70	-121.74	61.95	895.04	709.14	672.63	36.51	19.422	
6,800.00	6,665.69	6,722.93	6,619.98	19.30	17.71	-101.65	62.78	864.92	722.80	686.27	36.53	19.785	
6,900.00	6,757.63	6,804.85	6,691.77	19.34	17.69	-92.77	63.54	825.58	735.71	699.22	36.49	20.164	
7,000.00	6,842.65	6,886.00	6,757.33	19.33	17.66	-87.72	64.23	777.84	747.48	711.07	36.41	20.528	
7,100.00	6,918.67	6,966.67	6,815.95	19.30	17.65	-84.50	64.83	722.52	757.76	721.41	36.35	20.844	
7,200.00	6,983.80	7,047.09	6,866.97	19.25	17.66	-82.40	65.34	660.43	766.28	729.93	36.36	21.077	
7,300.00	7,036.46	7,127.51	6,909.77	19.23	17.71	-81.10	65.75	592.40	772.84	736.36	36.48	21.187	
7,400.00	7,075.33	7,208.15	6,943.73	19.26	17.82	-80.45	66.06	519.32	777.29	740.54	36.75	21.153	
7,500.00	7,099.46	7,289.25	6,968.30	19.40	18.00	-80.37	66.27	442.09	779.57	742.38	37.19	20.962	
7,600.00	7,108.27	7,371.01	6,982.93	19.68	18.25	-80.82	66.36	361.71	779.67	741.87	37.81	20.621	
7,696.74	7,107.36	7,451.16	6,987.17	20.10	18.55	-81.20	66.33	281.73	779.26	740.71	38.55	20.215	
7,700.00	7,105.75	7,453.87	6,987.14	20.11	18.56	-81.31	66.33	279.01	778.84	740.26	38.58	20.185	
7,800.00	7,102.70	7,552.47	6,984.68	20.71	19.05	-81.35	66.22	180.44	779.13	739.50	39.62	19.663	
7,900.00	7,099.65	7,652.47	6,982.15	21.43	19.67	-81.39	66.10	80.47	779.42	738.51	40.90	19.055	
8,000.00	7,096.60	7,752.47	6,979.62	22.26	20.41	-81.44	65.98	-19.49	779.71	737.30	42.41	18.387	
8,100.00	7,093.55	7,852.47	6,977.09	23.18	21.25	-81.48	65.87	-119.46	780.00	735.89	44.11	17.683	
8,200.00	7,090.50	7,952.47	6,974.56	24.18	22.18	-81.52	65.75	-219.42	780.29	734.30	46.00	16.964	
8,300.00	7,087.45	8,052.46	6,972.04	25.24	23.20	-81.56	65.63	-319.39	780.59	732.55	48.04	16.249	
8,400.00	7,084.40	8,152.46	6,969.51	26.37	24.29	-81.60	65.51	-419.36	780.88	730.66	50.22	15.549	
8,500.00	7,081.35	8,252.46	6,966.98	27.55	25.45	-81.65	65.40	-519.32	781.17	728.65	52.52	14.873	
8,600.00	7,078.30	8,352.46	6,964.45	28.78	26.66	-81.69	65.28	-619.29	781.47	726.54	54.93	14.227	
8,700.00	7,075.25	8,452.46	6,961.92	30.05	27.92	-81.73	65.16	-719.25	781.76	724.33	57.43	13.612	
8,800.00	7,072.20	8,552.45	6,959.39	31.36	29.22	-81.77	65.04	-819.22	782.06	722.05	60.01	13.032	
8,900.00	7,069.15	8,652.45	6,956.86	32.70	30.55	-81.81	64.93	-919.19	782.35	719.69	62.67	12.485	
9,000.00	7,066.10	8,752.45	6,954.33	34.07	31.92	-81.85	64.81	-1,019.15	782.65	717.27	65.38	11.971	
9,100.00	7,063.05	8,852.45	6,951.80	35.46	33.32	-81.90	64.69	-1,119.12	782.95	714.80	68.15	11.489	
9,200.00	7,060.00	8,952.45	6,949.27	36.87	34.74	-81.94	64.58	-1,219.08	783.24	712.28	70.97	11.037	
9,300.00	7,056.95	9,052.44	6,946.74	38.31	36.18	-81.98	64.46	-1,319.05	783.54	709.71	73.83	10.613	
9,400.00	7,053.90	9,152.44	6,944.21	39.76	37.64	-82.02	64.34	-1,419.02	783.84	707.11	76.73	10.216	
9,500.00	7,050.85	9,252.44	6,941.68	41.23	39.12	-82.06	64.22	-1,518.98	784.14	704.48	79.66	9.844	
9,600.00	7,047.80	9,352.44	6,939.15	42.72	40.61	-82.10	64.11	-1,618.95	784.44	701.81	82.62	9.494	
9,700.00	7,044.75	9,452.43	6,936.62	44.22	42.12	-82.14	63.99	-1,718.91	784.73	699.12	85.61	9.166	
9,800.00	7,041.70	9,552.43	6,934.10	45.73	43.63	-82.19	63.87	-1,818.88	785.03	696.41	88.63	8.858	
9,900.00	7,038.65	9,652.43	6,931.57	47.25	45.16	-82.23	63.76	-1,918.84	785.33	693.67	91.67	8.567	
10,000.00	7,035.60	9,752.43	6,929.04	48.78	46.70	-82.27	63.64	-2,018.81	785.63	690.91	94.72	8.294	
10,100.00	7,032.55	9,852.43	6,926.51	50.32	48.25	-82.31	63.52	-2,118.78	785.93	688.14	97.80	8.036	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,029.50	9,952.42	6,923.98	51.86	49.81	-82.35	63.40	-2,218.74	786.23	685.35	100.89	7.793	
10,300.00	7,026.45	10,052.42	6,921.45	53.42	51.37	-82.39	63.29	-2,318.71	786.54	682.54	104.00	7.563	
10,400.00	7,023.40	10,152.42	6,918.92	54.98	52.94	-82.43	63.17	-2,418.67	786.84	679.72	107.12	7.346	
10,500.00	7,020.35	10,252.42	6,916.39	56.55	54.52	-82.48	63.05	-2,518.64	787.14	676.89	110.25	7.140	
10,600.00	7,017.30	10,352.42	6,913.86	58.12	56.10	-82.52	62.94	-2,618.61	787.44	674.05	113.40	6.944	
10,700.00	7,014.25	10,452.41	6,911.33	59.70	57.69	-82.56	62.82	-2,718.57	787.75	671.19	116.55	6.759	
10,800.00	7,011.20	10,552.41	6,908.80	61.28	59.28	-82.60	62.70	-2,818.54	788.05	668.33	119.72	6.583	
10,900.00	7,008.15	10,652.41	6,906.27	62.87	60.87	-82.64	62.58	-2,918.50	788.35	665.46	122.89	6.415	
11,000.00	7,005.10	10,752.41	6,903.74	64.46	62.47	-82.68	62.47	-3,018.47	788.66	662.58	126.08	6.255	
11,100.00	7,002.05	10,852.41	6,901.21	66.06	64.08	-82.72	62.35	-3,118.44	788.96	659.69	129.27	6.103	
11,200.00	6,999.00	10,952.40	6,898.69	67.66	65.68	-82.76	62.23	-3,218.40	789.27	656.80	132.47	5.958	
11,300.00	6,995.95	11,052.40	6,896.16	69.26	67.29	-82.80	62.11	-3,318.37	789.57	653.90	135.67	5.820	
11,400.00	6,992.90	11,152.40	6,893.63	70.87	68.91	-82.84	62.00	-3,418.33	789.88	650.99	138.88	5.687	
11,500.00	6,989.85	11,252.40	6,891.10	72.48	70.52	-82.89	61.88	-3,518.30	790.18	648.08	142.10	5.561	
11,600.00	6,986.80	11,352.40	6,888.57	74.09	72.14	-82.93	61.76	-3,618.26	790.49	645.17	145.33	5.439	
11,700.00	6,983.75	11,452.39	6,886.04	75.70	73.76	-82.97	61.65	-3,718.23	790.80	642.24	148.55	5.323	
11,800.00	6,980.70	11,552.39	6,883.51	77.32	75.38	-83.01	61.53	-3,818.20	791.11	639.32	151.79	5.212	
11,900.00	6,977.65	11,652.39	6,880.98	78.94	77.01	-83.05	61.41	-3,918.16	791.41	636.39	155.03	5.105	
12,000.00	6,974.60	11,752.39	6,878.45	80.56	78.64	-83.09	61.29	-4,018.13	791.72	633.45	158.27	5.002	
12,100.00	6,971.55	11,852.39	6,875.92	82.19	80.27	-83.13	61.18	-4,118.09	792.03	630.51	161.52	4.904	
12,200.00	6,968.50	11,952.38	6,873.39	83.81	81.90	-83.17	61.06	-4,218.06	792.34	627.57	164.77	4.809	
12,300.00	6,965.45	12,052.38	6,870.86	85.44	83.53	-83.21	60.94	-4,318.03	792.65	624.63	168.02	4.718	
12,400.00	6,962.40	12,152.38	6,868.33	87.07	85.16	-83.25	60.83	-4,417.99	792.96	621.68	171.28	4.630	
12,500.00	6,959.35	12,252.38	6,865.80	88.70	86.80	-83.29	60.71	-4,517.96	793.27	618.73	174.54	4.545	
12,600.00	6,956.30	12,352.38	6,863.27	90.33	88.44	-83.33	60.59	-4,617.92	793.58	615.77	177.81	4.463	
12,700.00	6,953.25	12,452.37	6,860.75	91.96	90.07	-83.37	60.47	-4,717.89	793.89	612.81	181.08	4.384	
12,800.00	6,950.20	12,552.37	6,858.22	93.60	91.71	-83.41	60.36	-4,817.86	794.20	609.85	184.35	4.308	
12,900.00	6,947.15	12,652.37	6,855.69	95.24	93.35	-83.45	60.24	-4,917.82	794.51	606.89	187.62	4.235	
13,000.00	6,944.10	12,752.37	6,853.16	96.87	94.99	-83.49	60.12	-5,017.79	794.82	603.93	190.90	4.164	
13,100.00	6,941.05	12,852.36	6,850.63	98.51	96.64	-83.53	60.00	-5,117.75	795.14	600.96	194.18	4.095	
13,200.00	6,938.00	12,952.36	6,848.10	100.15	98.28	-83.57	59.89	-5,217.72	795.45	597.99	197.46	4.028	
13,300.00	6,934.95	13,052.36	6,845.57	101.79	99.93	-83.62	59.77	-5,317.69	795.76	595.02	200.74	3.964	
13,400.00	6,931.90	13,152.36	6,843.04	103.43	101.57	-83.66	59.65	-5,417.65	796.08	592.05	204.03	3.902	
13,500.00	6,928.85	13,252.36	6,840.51	105.08	103.22	-83.70	59.54	-5,517.62	796.39	589.08	207.31	3.841	
13,600.00	6,925.80	13,352.35	6,837.98	106.72	104.86	-83.74	59.42	-5,617.58	796.71	586.10	210.60	3.783	
13,700.00	6,922.75	13,452.35	6,835.45	108.36	106.51	-83.78	59.30	-5,717.55	797.02	583.13	213.89	3.726	
13,800.00	6,919.70	13,552.35	6,832.92	110.01	108.16	-83.82	59.18	-5,817.51	797.34	580.15	217.19	3.671	
13,900.00	6,916.65	13,652.35	6,830.39	111.66	109.81	-83.86	59.07	-5,917.48	797.65	577.17	220.48	3.618	
14,000.00	6,913.60	13,752.35	6,827.86	113.30	111.46	-83.90	58.95	-6,017.45	797.97	574.19	223.78	3.566	
14,100.00	6,910.55	13,852.34	6,825.34	114.95	113.11	-83.94	58.83	-6,117.41	798.28	571.21	227.08	3.515	
14,200.00	6,907.50	13,952.34	6,822.81	116.60	114.76	-83.98	58.72	-6,217.38	798.60	568.22	230.38	3.466	
14,300.00	6,904.45	14,052.34	6,820.28	118.25	116.41	-84.02	58.60	-6,317.34	798.92	565.24	233.68	3.419	
14,400.00	6,901.40	14,152.34	6,817.75	119.90	118.07	-84.06	58.48	-6,417.31	799.24	562.25	236.98	3.373	
14,500.00	6,898.35	14,252.34	6,815.22	121.55	119.72	-84.10	58.36	-6,517.28	799.55	559.27	240.29	3.327	
14,600.00	6,895.30	14,352.33	6,812.69	123.20	121.37	-84.14	58.25	-6,617.24	799.87	556.28	243.59	3.284	
14,700.00	6,892.25	14,452.33	6,810.16	124.85	123.03	-84.18	58.13	-6,717.21	800.19	553.29	246.90	3.241	
14,800.00	6,889.20	14,552.33	6,807.63	126.50	124.68	-84.22	58.01	-6,817.17	800.51	550.30	250.21	3.199	
14,900.00	6,886.15	14,652.33	6,805.10	128.15	126.34	-84.26	57.90	-6,917.14	800.83	547.31	253.52	3.159	
15,000.00	6,883.10	14,752.33	6,802.57	129.81	127.99	-84.29	57.78	-7,017.11	801.15	544.32	256.83	3.119	
15,100.00	6,880.05	14,852.32	6,800.04	131.46	129.65	-84.33	57.66	-7,117.07	801.47	541.33	260.14	3.081	
15,200.00	6,877.00	14,952.32	6,797.51	133.11	131.30	-84.37	57.54	-7,217.04	801.79	538.34	263.46	3.043	
15,300.00	6,873.95	15,052.32	6,794.98	134.77	132.96	-84.41	57.43	-7,317.00	802.11	535.34	266.77	3.007	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,400.00	6,870.90	15,152.32	6,792.45	136.42	134.62	-84.45	57.31	-7,416.97	802.43	532.35	270.09	2.971	
15,500.00	6,867.85	15,252.32	6,789.93	138.08	136.28	-84.49	57.19	-7,516.93	802.76	529.35	273.40	2.936	
15,562.16	6,865.95	15,314.47	6,788.35	139.11	137.31	-84.52	57.12	-7,579.07	802.96	527.49	275.46	2.915 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	1.00	-1.00	3.28	3.28	-89.65	0.36	-59.86	59.86				
100.00	100.00	101.00	99.00	3.28	3.28	-89.65	0.36	-59.86	59.86	52.33	7.53	7.951	
200.00	200.00	199.00	199.00	3.31	3.30	-89.65	0.36	-59.86	59.86	52.29	7.57	7.904	
300.00	300.00	301.00	300.98	3.35	3.35	-142.95	0.84	-58.14	58.53	50.87	7.66	7.642	
400.00	399.93	402.94	402.77	3.42	3.42	-143.64	2.28	-52.93	56.22	48.44	7.78	7.227	
500.00	499.68	504.76	504.19	3.51	3.51	-145.63	4.69	-44.25	53.33	45.40	7.93	6.721	
600.00	599.13	606.45	605.09	3.62	3.63	-149.20	8.06	-32.12	49.99	41.86	8.13	6.152	
700.00	698.15	707.66	705.02	3.76	3.79	-154.75	12.34	-16.69	46.53	38.17	8.36	5.566	
770.20	767.34	777.73	774.07	3.88	3.92	-159.99	15.51	-5.23	45.53	36.96	8.57	5.311	CC, ES
800.00	796.63	807.46	803.37	3.94	3.98	-162.46	16.86	-0.37	45.72	37.05	8.67	5.275	
900.00	894.53	907.17	901.64	4.15	4.19	-170.90	21.38	15.94	48.79	39.77	9.03	5.406	
1,000.00	992.33	1,006.86	999.88	4.40	4.43	-178.22	25.90	32.24	53.26	43.83	9.43	5.646	
1,100.00	1,090.13	1,106.55	1,098.12	4.68	4.69	175.66	30.43	48.54	58.46	48.57	9.89	5.913	
1,200.00	1,187.94	1,206.23	1,196.36	4.97	4.96	170.59	34.95	64.84	64.21	53.83	10.38	6.185	
1,300.00	1,285.74	1,305.92	1,294.60	5.28	5.24	166.38	39.47	81.14	70.38	59.47	10.91	6.451	
1,400.00	1,383.54	1,405.61	1,392.84	5.60	5.54	162.86	43.99	97.44	76.86	65.39	11.47	6.701	
1,500.00	1,481.35	1,505.29	1,491.08	5.94	5.84	159.90	48.51	113.74	83.60	71.54	12.06	6.934	
1,600.00	1,579.15	1,604.98	1,589.33	6.29	6.15	157.38	53.03	130.04	90.52	77.85	12.66	7.148	
1,700.00	1,676.96	1,704.67	1,687.57	6.64	6.47	155.23	57.55	146.35	97.59	84.30	13.29	7.344	
1,800.00	1,774.76	1,804.36	1,785.81	7.01	6.79	153.36	62.07	162.65	104.78	90.85	13.92	7.525	
1,900.00	1,872.56	1,904.04	1,884.05	7.21	6.97	151.74	66.59	178.95	112.06	98.15	13.91	8.057	
2,000.00	1,970.37	2,003.73	1,982.29	7.26	7.01	150.32	71.11	195.25	119.42	105.43	14.00	8.531	
2,100.00	2,068.17	2,103.42	2,080.53	7.32	7.06	149.06	75.63	211.55	126.85	112.73	14.12	8.981	
2,200.00	2,165.98	2,203.11	2,178.78	7.41	7.13	147.94	80.15	227.85	134.34	120.05	14.28	9.407	
2,300.00	2,263.78	2,302.79	2,277.02	7.51	7.22	146.94	84.67	244.15	141.86	127.40	14.47	9.806	
2,400.00	2,361.58	2,402.48	2,375.26	7.62	7.32	146.04	89.19	260.45	149.43	134.75	14.68	10.177	
2,500.00	2,459.39	2,502.17	2,473.50	7.75	7.43	145.23	93.71	276.75	157.03	142.10	14.93	10.519	
2,600.00	2,557.19	2,601.86	2,571.74	7.90	7.56	144.50	98.23	293.05	164.66	149.46	15.20	10.833	
2,700.00	2,654.99	2,701.54	2,669.98	8.05	7.69	143.82	102.76	309.36	172.31	156.81	15.50	11.120	
2,800.00	2,752.80	2,801.23	2,768.22	8.22	7.85	143.21	107.28	325.66	179.98	164.17	15.82	11.379	
2,900.00	2,850.60	2,900.92	2,866.47	8.41	8.01	142.64	111.80	341.96	187.68	171.52	16.16	11.613	
3,000.00	2,948.41	3,000.60	2,964.71	8.60	8.18	142.13	116.32	358.26	195.39	178.86	16.53	11.822	
3,100.00	3,046.21	3,100.29	3,062.95	8.80	8.36	141.65	120.84	374.56	203.11	186.20	16.91	12.009	
3,200.00	3,144.01	3,200.02	3,161.19	9.02	8.55	141.20	125.36	390.86	210.85	193.53	17.32	12.175	
3,300.00	3,241.82	3,300.33	3,259.43	9.24	8.76	140.79	129.88	407.16	218.60	200.86	17.74	12.322	
3,400.00	3,339.62	3,400.65	3,357.67	9.47	8.97	140.40	134.40	423.46	226.36	208.18	18.18	12.450	
3,500.00	3,437.43	3,500.96	3,455.92	9.71	9.18	140.04	138.92	439.76	234.13	215.49	18.64	12.563	
3,600.00	3,535.23	3,601.27	3,554.16	9.96	9.41	139.71	143.44	456.07	241.91	222.80	19.11	12.661	
3,700.00	3,633.03	3,701.58	3,652.40	10.21	9.64	139.39	147.96	472.37	249.69	230.10	19.59	12.747	
3,800.00	3,730.84	3,801.90	3,750.64	10.47	9.88	139.09	152.48	488.67	257.49	237.40	20.08	12.821	
3,900.00	3,828.64	3,902.21	3,848.88	10.74	10.12	138.81	157.00	504.97	265.29	244.70	20.59	12.884	
4,000.00	3,926.44	4,002.52	3,947.12	11.01	10.37	138.55	161.52	521.27	273.09	251.98	21.11	12.939	
4,100.00	4,024.25	4,097.16	4,045.36	11.28	10.61	138.30	166.04	537.57	280.90	259.28	21.62	12.993	
4,200.00	4,122.05	4,203.15	4,143.61	11.56	10.88	138.07	170.57	553.87	288.72	266.55	22.17	13.024	
4,300.00	4,219.86	4,303.46	4,241.85	11.85	11.14	137.85	175.09	570.17	296.54	273.83	22.71	13.056	
4,400.00	4,317.66	4,403.77	4,340.09	12.14	11.40	137.63	179.61	586.47	304.36	281.10	23.26	13.083	
4,500.00	4,415.46	4,495.91	4,438.33	12.43	11.65	137.43	184.13	602.77	312.19	288.39	23.80	13.116	
4,600.00	4,513.27	4,604.40	4,536.57	12.72	11.95	137.24	188.65	619.08	320.02	295.63	24.39	13.121	
4,700.00	4,611.07	4,704.71	4,634.81	13.02	12.22	137.06	193.17	635.38	327.86	302.90	24.96	13.134	
4,800.00	4,708.88	4,805.02	4,733.06	13.32	12.50	136.89	197.69	651.68	335.70	310.16	25.54	13.144	
4,900.00	4,806.68	4,905.34	4,831.30	13.63	12.78	136.72	202.21	667.98	343.54	317.42	26.12	13.151	
5,000.00	4,904.48	5,005.65	4,929.54	13.94	13.07	136.56	206.73	684.28	351.38	324.67	26.71	13.154	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,002.29	5,094.04	5,027.78	14.25	13.32	136.41	211.25	700.58	359.23	331.96	27.27	13.172	
5,200.00	5,100.09	5,206.28	5,126.02	14.56	13.65	136.27	215.77	716.88	367.08	339.18	27.90	13.155	
5,300.00	5,197.90	5,306.59	5,224.26	14.87	13.94	136.13	220.29	733.18	374.93	346.42	28.51	13.153	
5,400.00	5,295.70	5,406.90	5,322.50	15.19	14.23	136.00	224.81	749.48	382.78	353.67	29.11	13.149	
5,500.00	5,393.50	5,507.21	5,420.75	15.51	14.53	135.87	229.33	765.79	390.64	360.92	29.72	13.143	
5,600.00	5,491.31	5,607.53	5,518.99	15.83	14.82	135.75	233.85	782.09	398.50	368.16	30.33	13.137	
5,700.00	5,589.11	5,707.84	5,617.23	16.15	15.12	135.63	238.37	798.39	406.36	375.40	30.95	13.129	
5,800.00	5,686.91	5,808.15	5,715.47	16.47	15.42	135.52	242.90	814.69	414.22	382.65	31.57	13.120	
5,900.00	5,784.72	5,908.46	5,813.71	16.80	15.72	135.41	247.42	830.99	422.08	389.88	32.19	13.111	
6,000.00	5,882.52	6,008.78	5,911.95	17.12	16.03	135.30	251.94	847.29	429.94	397.12	32.82	13.101	
6,100.00	5,980.33	6,109.09	6,010.19	17.45	16.33	135.20	256.46	863.59	437.81	404.36	33.45	13.090	
6,200.00	6,078.13	6,209.40	6,108.44	17.78	16.64	135.10	260.98	879.89	445.67	411.60	34.08	13.079	
6,300.00	6,175.93	6,290.29	6,206.68	18.11	16.89	135.01	265.50	896.19	453.54	418.89	34.65	13.090	
6,400.00	6,273.74	6,389.97	6,304.92	18.44	17.19	134.92	270.02	912.50	461.41	426.13	35.28	13.078	
6,499.99	6,371.53	6,489.65	6,403.15	18.77	17.50	134.83	274.54	928.79	469.28	433.36	35.92	13.066	
6,600.00	6,470.24	6,584.29	6,496.64	19.03	17.75	-177.43	278.83	942.70	476.43	439.99	36.44	13.074	
6,700.00	6,569.10	6,674.68	6,586.84	19.19	17.91	-124.40	282.89	944.75	483.49	446.69	36.80	13.138	
6,800.00	6,665.69	6,766.20	6,677.54	19.30	18.01	-106.94	286.88	933.79	490.63	453.57	37.06	13.238	
6,900.00	6,757.63	6,859.10	6,767.03	19.34	18.06	-100.53	290.73	909.48	497.74	460.51	37.23	13.368	
7,000.00	6,842.65	6,953.61	6,853.47	19.33	18.06	-97.73	294.34	871.65	504.72	467.38	37.34	13.517	
7,100.00	6,918.67	7,049.97	6,934.86	19.30	18.05	-96.53	297.63	820.35	511.45	474.03	37.41	13.670	
7,200.00	6,983.80	7,148.38	7,009.03	19.25	18.03	-96.18	300.51	755.89	517.79	480.28	37.50	13.807	
7,300.00	7,036.46	7,249.03	7,073.72	19.23	18.04	-96.36	302.87	678.95	523.59	485.92	37.66	13.902	
7,400.00	7,075.33	7,352.05	7,126.55	19.26	18.12	-96.89	304.63	590.65	528.69	490.73	37.96	13.926	
7,500.00	7,099.46	7,457.53	7,165.20	19.40	18.30	-97.66	305.67	492.65	532.93	494.47	38.45	13.858	
7,600.00	7,108.27	7,565.43	7,187.47	19.68	18.61	-98.62	305.94	387.20	536.12	496.96	39.16	13.690	
7,700.00	7,105.75	7,674.61	7,191.68	20.11	19.04	-99.29	305.36	278.23	537.95	497.85	40.09	13.417	
7,800.00	7,102.70	7,774.61	7,188.50	20.71	19.57	-99.25	304.52	178.29	539.01	497.78	41.23	13.072	
7,900.00	7,099.65	7,874.60	7,185.32	21.43	20.21	-99.22	303.68	78.35	540.07	497.48	42.59	12.680	
8,000.00	7,096.60	7,974.60	7,182.14	22.26	20.97	-99.19	302.84	-21.59	541.13	496.97	44.16	12.253	
8,100.00	7,093.55	8,074.59	7,178.96	23.18	21.83	-99.16	302.00	-121.53	542.20	496.27	45.92	11.806	
8,200.00	7,090.50	8,174.58	7,175.78	24.18	22.78	-99.12	301.16	-221.47	543.26	495.41	47.85	11.353	
8,300.00	7,087.45	8,274.58	7,172.60	25.24	23.81	-99.09	300.32	-321.41	544.32	494.39	49.93	10.902	
8,400.00	7,084.40	8,374.57	7,169.42	26.37	24.91	-99.06	299.48	-421.35	545.39	493.25	52.14	10.461	
8,500.00	7,081.35	8,474.57	7,166.25	27.55	26.06	-99.03	298.64	-521.29	546.45	491.99	54.46	10.035	
8,600.00	7,078.30	8,574.56	7,163.07	28.78	27.27	-99.00	297.80	-621.23	547.51	490.64	56.88	9.626	
8,700.00	7,075.25	8,674.55	7,159.89	30.05	28.53	-98.97	296.96	-721.17	548.58	489.19	59.39	9.237	
8,800.00	7,072.20	8,774.55	7,156.71	31.36	29.83	-98.94	296.11	-821.11	549.64	487.67	61.97	8.869	
8,900.00	7,069.15	8,874.54	7,153.53	32.70	31.16	-98.90	295.27	-921.05	550.70	486.08	64.63	8.521	
9,000.00	7,066.10	8,974.53	7,150.35	34.07	32.53	-98.87	294.43	-1,020.99	551.77	484.43	67.34	8.194	
9,100.00	7,063.05	9,074.53	7,147.17	35.46	33.92	-98.84	293.59	-1,120.93	552.83	482.73	70.11	7.886	
9,200.00	7,060.00	9,174.52	7,143.99	36.87	35.33	-98.81	292.75	-1,220.87	553.90	480.98	72.92	7.596	
9,300.00	7,056.95	9,274.52	7,140.81	38.31	36.77	-98.78	291.91	-1,320.81	554.96	479.19	75.78	7.324	
9,400.00	7,053.90	9,374.51	7,137.63	39.76	38.23	-98.75	291.07	-1,420.75	556.03	477.36	78.67	7.068	
9,500.00	7,050.85	9,474.50	7,134.45	41.23	39.70	-98.72	290.23	-1,520.69	557.09	475.50	81.59	6.828	
9,600.00	7,047.80	9,574.50	7,131.27	42.72	41.19	-98.69	289.39	-1,620.63	558.16	473.61	84.55	6.602	
9,700.00	7,044.75	9,674.49	7,128.09	44.22	42.69	-98.66	288.55	-1,720.57	559.22	471.69	87.53	6.389	
9,800.00	7,041.70	9,774.49	7,124.91	45.73	44.20	-98.63	287.71	-1,820.51	560.29	469.75	90.54	6.189	
9,900.00	7,038.65	9,874.48	7,121.74	47.25	45.73	-98.60	286.86	-1,920.45	561.35	467.79	93.56	6.000	
10,000.00	7,035.60	9,974.47	7,118.56	48.78	47.26	-98.57	286.02	-2,020.39	562.42	465.81	96.61	5.821	
10,100.00	7,032.55	10,074.47	7,115.38	50.32	48.81	-98.54	285.18	-2,120.33	563.49	463.81	99.68	5.653	
10,200.00	7,029.50	10,174.46	7,112.20	51.86	50.36	-98.51	284.34	-2,220.27	564.55	461.79	102.76	5.494	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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							
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	7,026.45	10,274.46	7,109.02	53.42	51.92	-98.48	283.50	-2,320.21	565.62	459.76	105.85	5.343	
10,400.00	7,023.40	10,374.45	7,105.84	54.98	53.48	-98.45	282.66	-2,420.15	566.69	457.72	108.97	5.201	
10,500.00	7,020.35	10,474.44	7,102.66	56.55	55.06	-98.42	281.82	-2,520.09	567.75	455.66	112.09	5.065	
10,600.00	7,017.30	10,574.44	7,099.48	58.12	56.63	-98.39	280.98	-2,620.03	568.82	453.60	115.22	4.937	
10,700.00	7,014.25	10,674.43	7,096.30	59.70	58.22	-98.37	280.14	-2,719.96	569.89	451.52	118.37	4.815	
10,800.00	7,011.20	10,774.42	7,093.12	61.28	59.80	-98.34	279.30	-2,819.90	570.95	449.43	121.52	4.698	
10,900.00	7,008.15	10,874.42	7,089.94	62.87	61.40	-98.31	278.46	-2,919.84	572.02	447.33	124.69	4.588	
11,000.00	7,005.10	10,974.41	7,086.76	64.46	62.99	-98.28	277.62	-3,019.78	573.09	445.23	127.86	4.482	
11,100.00	7,002.05	11,074.41	7,083.58	66.06	64.59	-98.25	276.77	-3,119.72	574.15	443.11	131.04	4.382	
11,200.00	6,999.00	11,174.40	7,080.40	67.66	66.20	-98.22	275.93	-3,219.66	575.22	440.99	134.23	4.285	
11,300.00	6,995.95	11,274.39	7,077.23	69.26	67.80	-98.19	275.09	-3,319.60	576.29	438.87	137.42	4.194	
11,400.00	6,992.90	11,374.39	7,074.05	70.87	69.41	-98.17	274.25	-3,419.54	577.36	436.73	140.62	4.106	
11,500.00	6,989.85	11,474.38	7,070.87	72.48	71.02	-98.14	273.41	-3,519.48	578.43	434.59	143.83	4.022	
11,600.00	6,986.80	11,574.38	7,067.69	74.09	72.64	-98.11	272.57	-3,619.42	579.49	432.45	147.04	3.941	
11,700.00	6,983.75	11,674.37	7,064.51	75.70	74.26	-98.08	271.73	-3,719.36	580.56	430.30	150.26	3.864	
11,800.00	6,980.70	11,774.36	7,061.33	77.32	75.88	-98.05	270.89	-3,819.30	581.63	428.15	153.48	3.790	
11,900.00	6,977.65	11,874.36	7,058.15	78.94	77.50	-98.03	270.05	-3,919.24	582.70	425.99	156.71	3.718	
12,000.00	6,974.60	11,974.35	7,054.97	80.56	79.12	-98.00	269.21	-4,019.18	583.77	423.82	159.94	3.650	
12,100.00	6,971.55	12,074.35	7,051.79	82.19	80.75	-97.97	268.37	-4,119.12	584.84	421.66	163.18	3.584	
12,200.00	6,968.50	12,174.34	7,048.61	83.81	82.38	-97.94	267.52	-4,219.06	585.90	419.49	166.42	3.521	
12,300.00	6,965.45	12,274.33	7,045.43	85.44	84.01	-97.92	266.68	-4,319.00	586.97	417.31	169.66	3.460	
12,400.00	6,962.40	12,374.33	7,042.25	87.07	85.64	-97.89	265.84	-4,418.94	588.04	415.13	172.91	3.401	
12,500.00	6,959.35	12,474.32	7,039.07	88.70	87.27	-97.86	265.00	-4,518.88	589.11	412.95	176.16	3.344	
12,600.00	6,956.30	12,574.31	7,035.89	90.33	88.91	-97.83	264.16	-4,618.82	590.18	410.77	179.41	3.290	
12,700.00	6,953.25	12,674.31	7,032.72	91.96	90.54	-97.81	263.32	-4,718.76	591.25	408.58	182.67	3.237	
12,800.00	6,950.20	12,774.30	7,029.54	93.60	92.18	-97.78	262.48	-4,818.70	592.32	406.39	185.93	3.186	
12,900.00	6,947.15	12,874.30	7,026.36	95.24	93.82	-97.75	261.64	-4,918.64	593.39	404.20	189.19	3.136	
13,000.00	6,944.10	12,974.29	7,023.18	96.87	95.45	-97.73	260.80	-5,018.58	594.46	402.01	192.45	3.089	
13,100.00	6,941.05	13,074.28	7,020.00	98.51	97.09	-97.70	259.96	-5,118.52	595.53	399.81	195.72	3.043	
13,200.00	6,938.00	13,174.28	7,016.82	100.15	98.74	-97.67	259.12	-5,218.46	596.60	397.61	198.99	2.998	
13,300.00	6,934.95	13,274.27	7,013.64	101.79	100.38	-97.65	258.27	-5,318.40	597.67	395.41	202.26	2.955	
13,400.00	6,931.90	13,374.27	7,010.46	103.43	102.02	-97.62	257.43	-5,418.34	598.74	393.21	205.53	2.913	
13,500.00	6,928.85	13,474.26	7,007.28	105.08	103.66	-97.60	256.59	-5,518.28	599.81	391.00	208.81	2.873	
13,600.00	6,925.80	13,574.25	7,004.10	106.72	105.31	-97.57	255.75	-5,618.22	600.88	388.80	212.09	2.833	
13,700.00	6,922.75	13,674.25	7,000.92	108.36	106.95	-97.54	254.91	-5,718.16	601.95	386.59	215.37	2.795	
13,800.00	6,919.70	13,774.24	6,997.74	110.01	108.60	-97.52	254.07	-5,818.10	603.03	384.38	218.65	2.758	
13,900.00	6,916.65	13,874.24	6,994.56	111.66	110.25	-97.49	253.23	-5,918.04	604.10	382.17	221.93	2.722	
14,000.00	6,913.60	13,974.23	6,991.38	113.30	111.90	-97.47	252.39	-6,017.98	605.17	379.95	225.22	2.687	
14,100.00	6,910.55	14,074.22	6,988.21	114.95	113.54	-97.44	251.55	-6,117.92	606.24	377.74	228.50	2.653	
14,200.00	6,907.50	14,174.22	6,985.03	116.60	115.19	-97.41	250.71	-6,217.86	607.31	375.52	231.79	2.620	
14,300.00	6,904.45	14,274.21	6,981.85	118.25	116.84	-97.39	249.87	-6,317.80	608.38	373.30	235.08	2.588	
14,400.00	6,901.40	14,374.20	6,978.67	119.90	118.49	-97.36	249.02	-6,417.74	609.45	371.09	238.37	2.557	
14,500.00	6,898.35	14,474.20	6,975.49	121.55	120.14	-97.34	248.18	-6,517.68	610.53	368.87	241.66	2.526	
14,600.00	6,895.30	14,574.19	6,972.31	123.20	121.80	-97.31	247.34	-6,617.62	611.60	366.64	244.95	2.497	
14,700.00	6,892.25	14,674.19	6,969.13	124.85	123.45	-97.29	246.50	-6,717.56	612.67	364.42	248.25	2.468	
14,800.00	6,889.20	14,774.18	6,965.95	126.50	125.10	-97.26	245.66	-6,817.50	613.74	362.20	251.54	2.440	
14,900.00	6,886.15	14,874.17	6,962.77	128.15	126.75	-97.24	244.82	-6,917.44	614.81	359.97	254.84	2.413	
15,000.00	6,883.10	14,974.17	6,959.59	129.81	128.41	-97.21	243.98	-7,017.38	615.89	357.75	258.14	2.386	
15,100.00	6,880.05	15,074.16	6,956.41	131.46	130.06	-97.19	243.14	-7,117.32	616.96	355.52	261.44	2.360	
15,200.00	6,877.00	15,174.16	6,953.23	133.11	131.72	-97.16	242.30	-7,217.26	618.03	353.29	264.74	2.334	
15,300.00	6,873.95	15,274.15	6,950.05	134.77	133.37	-97.14	241.46	-7,317.20	619.11	351.07	268.04	2.310	
15,400.00	6,870.90	15,374.14	6,946.87	136.42	135.03	-97.11	240.62	-7,417.14	620.18	348.84	271.34	2.286	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 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							
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	6,867.85	15,474.14	6,943.70	138.08	136.68	-97.09	239.78	-7,517.08	621.25	346.61	274.64	2.262	
15,562.16	6,865.95	15,536.29	6,941.72	139.11	137.71	-97.08	239.25	-7,579.20	621.92	345.22	276.70	2.248 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	1.09	-179.85	179.86				
100.00	100.00	101.00	99.00	3.28	3.28	-89.65	1.09	-179.85	179.86	172.33	7.53	23.889	
200.00	200.00	201.00	199.00	3.31	3.31	-89.65	1.09	-179.85	179.86	172.28	7.57	23.746	
300.00	300.00	301.72	301.72	3.35	3.35	-143.32	0.84	-179.46	179.83	172.17	7.66	23.474	
400.00	399.93	407.14	407.07	3.42	3.41	-144.69	-1.27	-176.25	179.62	171.84	7.78	23.084	
493.48	493.18	505.33	504.99	3.50	3.50	-147.21	-5.13	-170.34	179.46	171.53	7.93	22.624 CC	
500.00	499.68	512.16	511.80	3.51	3.50	-147.43	-5.47	-169.82	179.46	171.52	7.94	22.592 ES	
600.00	599.13	616.51	615.51	3.62	3.62	-151.48	-11.73	-160.26	179.94	171.79	8.15	22.067	
700.00	698.15	719.93	717.82	3.76	3.78	-156.74	-19.96	-147.67	181.90	173.48	8.42	21.602	
800.00	796.63	822.03	818.24	3.94	3.97	-162.97	-30.07	-132.23	186.39	177.64	8.75	21.290	
900.00	894.53	919.40	913.70	4.15	4.20	-169.17	-40.58	-116.16	195.05	185.88	9.17	21.275	
1,000.00	992.33	1,016.71	1,009.10	4.40	4.45	-174.82	-51.09	-100.11	206.33	196.70	9.62	21.438	
1,100.00	1,090.13	1,114.02	1,104.50	4.68	4.72	-179.87	-61.59	-84.06	219.45	209.33	10.12	21.681	
1,200.00	1,187.94	1,211.33	1,199.90	4.97	5.02	175.66	-72.10	-68.01	234.12	223.46	10.65	21.973	
1,300.00	1,285.74	1,308.64	1,295.30	5.28	5.33	171.72	-82.60	-51.95	250.05	238.83	11.22	22.290	
1,400.00	1,383.54	1,405.95	1,390.70	5.60	5.65	168.26	-93.11	-35.90	267.02	255.21	11.81	22.616	
1,500.00	1,481.35	1,503.26	1,486.10	5.94	5.99	165.21	-103.61	-19.85	284.84	272.42	12.42	22.939	
1,600.00	1,579.15	1,600.57	1,581.50	6.29	6.33	162.52	-114.12	-3.80	303.36	290.32	13.05	23.253	
1,700.00	1,676.96	1,702.12	1,676.90	6.64	6.70	160.14	-124.62	12.26	322.47	308.77	13.71	23.527	
1,800.00	1,774.76	1,804.81	1,772.30	7.01	7.07	158.03	-135.13	28.31	342.07	327.69	14.38	23.792	
1,900.00	1,872.56	1,892.50	1,867.70	7.21	7.25	156.14	-145.63	44.36	362.06	347.71	14.35	25.228	
2,000.00	1,970.37	1,989.81	1,963.10	7.26	7.31	154.45	-156.14	60.41	382.41	367.96	14.45	26.470	
2,100.00	2,068.17	2,087.12	2,058.50	7.32	7.37	152.93	-166.64	76.47	403.04	388.48	14.56	27.678	
2,200.00	2,165.98	2,184.43	2,153.90	7.41	7.44	151.55	-177.14	92.52	423.92	409.21	14.71	28.821	
2,300.00	2,263.78	2,281.74	2,249.30	7.51	7.54	150.31	-187.65	108.57	445.01	430.12	14.89	29.893	
2,400.00	2,361.58	2,379.05	2,344.70	7.62	7.65	149.18	-198.15	124.62	466.29	451.19	15.10	30.890	
2,500.00	2,459.39	2,476.36	2,440.10	7.75	7.77	148.14	-208.66	140.68	487.72	472.39	15.33	31.810	
2,600.00	2,557.19	2,573.67	2,535.50	7.90	7.91	147.19	-219.16	156.73	509.30	493.70	15.60	32.652	
2,700.00	2,654.99	2,670.98	2,630.90	8.05	8.06	146.32	-229.67	172.78	531.00	515.11	15.89	33.419	
2,800.00	2,752.80	2,768.29	2,726.30	8.22	8.23	145.52	-240.17	188.83	552.81	536.60	16.21	34.112	
2,900.00	2,850.60	2,865.60	2,821.70	8.41	8.40	144.78	-250.68	204.89	574.71	558.17	16.55	34.736	
3,000.00	2,948.41	2,962.91	2,917.10	8.60	8.59	144.09	-261.18	220.94	596.70	579.79	16.91	35.293	
3,100.00	3,046.21	3,060.22	3,012.50	8.80	8.79	143.45	-271.69	236.99	618.77	601.48	17.29	35.789	
3,200.00	3,144.01	3,157.53	3,107.90	9.02	9.00	142.86	-282.19	253.04	640.90	623.21	17.69	36.228	
3,300.00	3,241.82	3,254.84	3,203.30	9.24	9.21	142.30	-292.70	269.10	663.10	644.99	18.11	36.615	
3,400.00	3,339.62	3,352.15	3,298.70	9.47	9.44	141.78	-303.20	285.15	685.35	666.80	18.55	36.955	
3,500.00	3,437.43	3,449.46	3,394.10	9.71	9.67	141.29	-313.70	301.20	707.65	688.65	19.00	37.250	
3,600.00	3,535.23	3,546.77	3,489.50	9.96	9.91	140.84	-324.21	317.25	730.00	710.54	19.46	37.507	
3,700.00	3,633.03	3,644.08	3,584.90	10.21	10.16	140.41	-334.71	333.31	752.39	732.45	19.94	37.729	
3,800.00	3,730.84	3,741.39	3,680.30	10.47	10.42	140.00	-345.22	349.36	774.82	754.38	20.43	37.919	
3,900.00	3,828.64	3,838.70	3,775.70	10.74	10.68	139.62	-355.72	365.41	797.28	776.34	20.94	38.081	
4,000.00	3,926.44	3,936.01	3,871.10	11.01	10.94	139.26	-366.23	381.46	819.77	798.32	21.45	38.218	
4,100.00	4,024.25	4,033.32	3,966.50	11.28	11.21	138.92	-376.73	397.52	842.30	820.32	21.97	38.333	
4,200.00	4,122.05	4,130.63	4,061.90	11.56	11.49	138.59	-387.24	413.57	864.85	842.34	22.51	38.428	
4,300.00	4,219.86	4,227.94	4,157.30	11.85	11.77	138.28	-397.74	429.62	887.42	864.38	23.05	38.505	
4,400.00	4,317.66	4,325.25	4,252.70	12.14	12.05	137.99	-408.25	445.67	910.02	886.43	23.60	38.567	
4,500.00	4,415.46	4,422.56	4,348.10	12.43	12.34	137.71	-418.75	461.73	932.64	908.49	24.15	38.615	
4,600.00	4,513.27	4,519.87	4,443.50	12.72	12.63	137.45	-429.26	477.78	955.28	930.57	24.72	38.651	
4,700.00	4,611.07	4,617.18	4,538.90	13.02	12.93	137.19	-439.76	493.83	977.94	952.66	25.29	38.676	
4,800.00	4,708.88	4,714.49	4,634.30	13.32	13.23	136.95	-450.26	509.88	1,000.62	974.76	25.86	38.691	
4,900.00	4,806.68	4,811.80	4,729.70	13.63	13.53	136.72	-460.77	525.94	1,023.31	996.87	26.44	38.699	
5,000.00	4,904.48	4,909.11	4,825.10	13.94	13.83	136.50	-471.27	541.99	1,046.02	1,018.99	27.03	38.699	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						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	5,002.29	5,006.42	4,920.50	14.25	14.14	136.29	-481.78	558.04	1,068.74	1,041.12	27.62	38.693		
5,200.00	5,100.09	5,103.73	5,015.90	14.56	14.45	136.08	-492.28	574.09	1,091.48	1,063.26	28.22	38.681		
5,300.00	5,197.90	5,201.04	5,111.30	14.87	14.76	135.89	-502.79	590.15	1,114.22	1,085.41	28.82	38.664		
5,400.00	5,295.70	5,301.65	5,206.70	15.19	15.08	135.70	-513.29	606.20	1,136.98	1,107.55	29.43	38.630		
5,500.00	5,393.50	5,404.34	5,302.10	15.51	15.41	135.52	-523.80	622.25	1,159.75	1,129.70	30.06	38.584		
5,600.00	5,491.31	5,492.97	5,397.51	15.83	15.70	135.35	-534.30	638.30	1,182.54	1,151.89	30.64	38.591		
5,700.00	5,589.11	5,609.72	5,492.91	16.15	16.08	135.18	-544.81	654.36	1,205.33	1,174.01	31.32	38.485		
5,800.00	5,686.91	5,687.59	5,588.31	16.47	16.34	135.03	-555.31	670.41	1,228.13	1,196.25	31.88	38.528		
5,900.00	5,784.72	5,784.90	5,683.71	16.80	16.66	134.87	-565.82	686.46	1,250.93	1,218.44	32.50	38.493		
6,000.00	5,882.52	5,882.21	5,779.11	17.12	16.98	134.72	-576.32	702.51	1,273.75	1,240.63	33.12	38.456		
6,100.00	5,980.33	5,979.52	5,874.51	17.45	17.31	134.58	-586.82	718.57	1,296.58	1,262.83	33.75	38.418		
6,200.00	6,078.13	6,076.83	5,969.91	17.78	17.63	134.44	-597.33	734.62	1,319.41	1,285.03	34.38	38.378		
6,300.00	6,175.93	6,174.14	6,065.31	18.11	17.96	134.31	-607.83	750.67	1,342.25	1,307.24	35.01	38.338		
6,400.00	6,273.74	6,271.45	6,160.71	18.44	18.29	134.18	-618.34	766.72	1,365.09	1,329.45	35.65	38.297		
6,499.99	6,371.53	6,368.75	6,256.10	18.77	18.62	134.05	-628.84	782.77	1,387.94	1,351.66	36.28	38.255		
6,600.00	6,470.24	6,465.64	6,351.09	19.03	18.95	-176.53	-639.30	798.76	1,409.87	1,373.04	36.83	38.278		
6,700.00	6,569.10	6,560.08	6,443.68	19.19	19.27	-122.25	-649.50	814.34	1,429.91	1,392.62	37.29	38.346		
6,800.00	6,665.69	6,649.76	6,531.60	19.30	19.57	-104.02	-659.18	829.13	1,448.34	1,410.68	37.66	38.455		
6,900.00	6,757.63	6,726.62	6,607.08	19.34	19.80	-96.94	-667.50	840.92	1,465.93	1,428.04	37.89	38.686		
7,000.00	6,842.65	6,797.71	6,677.58	19.33	19.94	-93.37	-675.32	844.94	1,483.70	1,445.69	38.00	39.041		
7,100.00	6,918.67	6,872.86	6,752.10	19.30	20.04	-91.44	-683.65	840.58	1,501.66	1,463.58	38.08	39.437		
7,200.00	6,983.80	6,953.77	6,831.14	19.25	20.12	-90.47	-692.55	826.04	1,519.68	1,481.53	38.15	39.834		
7,300.00	7,036.46	7,042.96	6,915.35	19.23	20.16	-90.21	-702.13	798.49	1,537.54	1,499.31	38.24	40.210		
7,400.00	7,075.33	7,144.40	7,005.37	19.26	20.16	-90.58	-712.49	753.14	1,554.94	1,516.58	38.37	40.530		
7,500.00	7,099.46	7,264.37	7,100.95	19.40	20.12	-91.61	-723.65	681.80	1,571.33	1,532.77	38.56	40.751		
7,600.00	7,108.27	7,412.81	7,198.15	19.68	20.04	-93.39	-735.29	570.65	1,585.76	1,546.86	38.90	40.770		
7,700.00	7,105.75	7,607.08	7,282.16	20.11	19.97	-96.26	-745.92	396.65	1,596.59	1,556.96	39.63	40.283		
7,800.00	7,102.70	7,830.61	7,309.60	20.71	20.15	-97.46	-750.59	175.99	1,600.64	1,559.58	41.07	38.978		
7,900.00	7,099.65	7,930.61	7,306.43	21.43	20.46	-97.45	-750.97	76.04	1,601.26	1,559.01	42.24	37.908		
8,000.00	7,096.60	8,030.61	7,303.26	22.26	20.95	-97.44	-751.34	-23.90	1,601.87	1,558.23	43.63	36.711		
8,100.00	7,093.55	8,130.61	7,300.08	23.18	21.61	-97.43	-751.72	-123.85	1,602.48	1,557.25	45.23	35.427		
8,200.00	7,090.50	8,230.61	7,296.91	24.18	22.41	-97.43	-752.10	-223.80	1,603.10	1,556.08	47.02	34.097		
8,300.00	7,087.45	8,330.60	7,293.74	25.24	23.32	-97.42	-752.48	-323.74	1,603.71	1,554.75	48.96	32.754		
8,400.00	7,084.40	8,430.60	7,290.57	26.37	24.32	-97.41	-752.86	-423.69	1,604.33	1,553.27	51.05	31.424		
8,500.00	7,081.35	8,530.60	7,287.39	27.55	25.39	-97.40	-753.24	-523.64	1,604.94	1,551.67	53.27	30.127		
8,600.00	7,078.30	8,630.60	7,284.22	28.78	26.53	-97.40	-753.62	-623.58	1,605.55	1,549.95	55.61	28.874		
8,700.00	7,075.25	8,730.60	7,281.05	30.05	27.72	-97.39	-754.00	-723.53	1,606.17	1,548.13	58.04	27.675		
8,800.00	7,072.20	8,830.59	7,277.87	31.36	28.96	-97.38	-754.38	-823.48	1,606.78	1,546.23	60.55	26.535		
8,900.00	7,069.15	8,930.59	7,274.70	32.70	30.24	-97.38	-754.75	-923.42	1,607.40	1,544.25	63.15	25.455		
9,000.00	7,066.10	9,030.59	7,271.53	34.07	31.55	-97.37	-755.13	-1,023.37	1,608.01	1,542.20	65.81	24.435		
9,100.00	7,063.05	9,130.59	7,268.36	35.46	32.90	-97.36	-755.51	-1,123.32	1,608.63	1,540.10	68.53	23.474		
9,200.00	7,060.00	9,230.58	7,265.18	36.87	34.28	-97.35	-755.89	-1,223.26	1,609.24	1,537.94	71.30	22.570		
9,300.00	7,056.95	9,330.58	7,262.01	38.31	35.68	-97.35	-756.27	-1,323.21	1,609.86	1,535.74	74.12	21.720		
9,400.00	7,053.90	9,430.58	7,258.84	39.76	37.10	-97.34	-756.65	-1,423.16	1,610.47	1,533.49	76.98	20.921		
9,500.00	7,050.85	9,530.58	7,255.67	41.23	38.54	-97.33	-757.03	-1,523.11	1,611.08	1,531.21	79.88	20.170		
9,600.00	7,047.80	9,630.58	7,252.49	42.72	40.00	-97.33	-757.41	-1,623.05	1,611.70	1,528.89	82.81	19.463		
9,700.00	7,044.75	9,730.57	7,249.32	44.22	41.48	-97.32	-757.78	-1,723.00	1,612.31	1,526.55	85.77	18.799		
9,800.00	7,041.70	9,830.57	7,246.15	45.73	42.97	-97.31	-758.16	-1,822.95	1,612.93	1,524.18	88.75	18.173		
9,900.00	7,038.65	9,930.57	7,242.98	47.25	44.47	-97.30	-758.54	-1,922.89	1,613.54	1,521.78	91.76	17.584		
10,000.00	7,035.60	10,030.57	7,239.80	48.78	45.98	-97.30	-758.92	-2,022.84	1,614.16	1,519.36	94.79	17.028		
10,100.00	7,032.55	10,130.57	7,236.63	50.32	47.51	-97.29	-759.30	-2,122.79	1,614.77	1,516.93	97.84	16.503		
10,200.00	7,029.50	10,230.56	7,233.46	51.86	49.04	-97.28	-759.68	-2,222.73	1,615.39	1,514.47	100.91	16.008		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							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	7,026.45	10,330.56	7,230.29	53.42	50.58	-97.27	-760.06	-2,322.68	1,616.00	1,512.00	104.00	15.539	
10,400.00	7,023.40	10,430.56	7,227.11	54.98	52.13	-97.27	-760.44	-2,422.63	1,616.62	1,509.52	107.10	15.095	
10,500.00	7,020.35	10,530.56	7,223.94	56.55	53.69	-97.26	-760.82	-2,522.57	1,617.23	1,507.02	110.21	14.674	
10,600.00	7,017.30	10,630.56	7,220.77	58.12	55.25	-97.25	-761.19	-2,622.52	1,617.85	1,504.51	113.34	14.275	
10,700.00	7,014.25	10,730.55	7,217.59	59.70	56.82	-97.25	-761.57	-2,722.47	1,618.46	1,501.99	116.47	13.895	
10,800.00	7,011.20	10,830.55	7,214.42	61.28	58.40	-97.24	-761.95	-2,822.41	1,619.07	1,499.45	119.62	13.535	
10,900.00	7,008.15	10,930.55	7,211.25	62.87	59.98	-97.23	-762.33	-2,922.36	1,619.69	1,496.91	122.78	13.192	
11,000.00	7,005.10	11,030.55	7,208.08	64.46	61.57	-97.22	-762.71	-3,022.31	1,620.30	1,494.36	125.95	12.865	
11,100.00	7,002.05	11,130.55	7,204.90	66.06	63.16	-97.22	-763.09	-3,122.26	1,620.92	1,491.80	129.12	12.554	
11,200.00	6,999.00	11,230.54	7,201.73	67.66	64.75	-97.21	-763.47	-3,222.20	1,621.53	1,489.23	132.30	12.256	
11,300.00	6,995.95	11,330.54	7,198.56	69.26	66.35	-97.20	-763.85	-3,322.15	1,622.15	1,486.66	135.49	11.972	
11,400.00	6,992.90	11,430.54	7,195.39	70.87	67.95	-97.20	-764.22	-3,422.10	1,622.76	1,484.08	138.69	11.701	
11,500.00	6,989.85	11,530.54	7,192.21	72.48	69.55	-97.19	-764.60	-3,522.04	1,623.38	1,481.49	141.89	11.441	
11,600.00	6,986.80	11,630.53	7,189.04	74.09	71.16	-97.18	-764.98	-3,621.99	1,623.99	1,478.90	145.10	11.192	
11,700.00	6,983.75	11,730.53	7,185.87	75.70	72.77	-97.17	-765.36	-3,721.94	1,624.61	1,476.30	148.31	10.954	
11,800.00	6,980.70	11,830.53	7,182.70	77.32	74.38	-97.17	-765.74	-3,821.88	1,625.22	1,473.69	151.53	10.725	
11,900.00	6,977.65	11,930.53	7,179.52	78.94	76.00	-97.16	-766.12	-3,921.83	1,625.84	1,471.08	154.75	10.506	
12,000.00	6,974.60	12,030.53	7,176.35	80.56	77.62	-97.15	-766.50	-4,021.78	1,626.45	1,468.47	157.98	10.295	
12,100.00	6,971.55	12,130.52	7,173.18	82.19	79.24	-97.15	-766.88	-4,121.72	1,627.07	1,465.85	161.22	10.093	
12,200.00	6,968.50	12,230.52	7,170.01	83.81	80.86	-97.14	-767.26	-4,221.67	1,627.69	1,463.23	164.45	9.898	
12,300.00	6,965.45	12,330.52	7,166.83	85.44	82.48	-97.13	-767.63	-4,321.62	1,628.30	1,460.61	167.69	9.710	
12,400.00	6,962.40	12,430.52	7,163.66	87.07	84.11	-97.13	-768.01	-4,421.56	1,628.92	1,457.98	170.94	9.529	
12,500.00	6,959.35	12,530.52	7,160.49	88.70	85.74	-97.12	-768.39	-4,521.51	1,629.53	1,455.35	174.18	9.355	
12,600.00	6,956.30	12,630.51	7,157.31	90.33	87.36	-97.11	-768.77	-4,621.46	1,630.15	1,452.71	177.43	9.187	
12,700.00	6,953.25	12,730.51	7,154.14	91.96	89.00	-97.10	-769.15	-4,721.40	1,630.76	1,450.08	180.69	9.025	
12,800.00	6,950.20	12,830.51	7,150.97	93.60	90.63	-97.10	-769.53	-4,821.35	1,631.38	1,447.43	183.94	8.869	
12,900.00	6,947.15	12,930.51	7,147.80	95.24	92.26	-97.09	-769.91	-4,921.30	1,631.99	1,444.79	187.20	8.718	
13,000.00	6,944.10	13,030.51	7,144.62	96.87	93.90	-97.08	-770.29	-5,021.25	1,632.61	1,442.15	190.46	8.572	
13,100.00	6,941.05	13,130.50	7,141.45	98.51	95.53	-97.08	-770.67	-5,121.19	1,633.22	1,439.50	193.73	8.431	
13,200.00	6,938.00	13,230.50	7,138.28	100.15	97.17	-97.07	-771.04	-5,221.14	1,633.84	1,436.85	196.99	8.294	
13,300.00	6,934.95	13,330.50	7,135.11	101.79	98.81	-97.06	-771.42	-5,321.09	1,634.45	1,434.19	200.26	8.162	
13,400.00	6,931.90	13,430.50	7,131.93	103.43	100.45	-97.06	-771.80	-5,421.03	1,635.07	1,431.54	203.53	8.034	
13,500.00	6,928.85	13,530.49	7,128.76	105.08	102.09	-97.05	-772.18	-5,520.98	1,635.68	1,428.88	206.80	7.909	
13,600.00	6,925.80	13,630.49	7,125.59	106.72	103.73	-97.04	-772.56	-5,620.93	1,636.30	1,426.22	210.08	7.789	
13,700.00	6,922.75	13,730.49	7,122.42	108.36	105.37	-97.03	-772.94	-5,720.87	1,636.92	1,423.56	213.35	7.672	
13,800.00	6,919.70	13,830.49	7,119.24	110.01	107.02	-97.03	-773.32	-5,820.82	1,637.53	1,420.90	216.63	7.559	
13,900.00	6,916.65	13,930.49	7,116.07	111.66	108.66	-97.02	-773.70	-5,920.77	1,638.15	1,418.24	219.91	7.449	
14,000.00	6,913.60	14,030.48	7,112.90	113.30	110.31	-97.01	-774.07	-6,020.71	1,638.76	1,415.57	223.19	7.342	
14,100.00	6,910.55	14,130.48	7,109.73	114.95	111.95	-97.01	-774.45	-6,120.66	1,639.38	1,412.91	226.47	7.239	
14,200.00	6,907.50	14,230.48	7,106.55	116.60	113.60	-97.00	-774.83	-6,220.61	1,639.99	1,410.24	229.76	7.138	
14,300.00	6,904.45	14,330.48	7,103.38	118.25	115.25	-96.99	-775.21	-6,320.55	1,640.61	1,407.57	233.04	7.040	
14,400.00	6,901.40	14,430.48	7,100.21	119.90	116.89	-96.99	-775.59	-6,420.50	1,641.23	1,404.90	236.33	6.945	
14,500.00	6,898.35	14,530.47	7,097.03	121.55	118.54	-96.98	-775.97	-6,520.45	1,641.84	1,402.22	239.62	6.852	
14,600.00	6,895.30	14,630.47	7,093.86	123.20	120.19	-96.97	-776.35	-6,620.39	1,642.46	1,399.55	242.91	6.762	
14,700.00	6,892.25	14,730.47	7,090.69	124.85	121.84	-96.96	-776.73	-6,720.34	1,643.07	1,396.88	246.20	6.674	
14,800.00	6,889.20	14,830.47	7,087.52	126.50	123.49	-96.96	-777.11	-6,820.29	1,643.69	1,394.20	249.49	6.588	
14,900.00	6,886.15	14,930.47	7,084.34	128.15	125.14	-96.95	-777.48	-6,920.24	1,644.30	1,391.52	252.78	6.505	
15,000.00	6,883.10	15,030.46	7,081.17	129.81	126.79	-96.94	-777.86	-7,020.18	1,644.92	1,388.84	256.08	6.424	
15,100.00	6,880.05	15,130.46	7,078.00	131.46	128.45	-96.94	-778.24	-7,120.13	1,645.54	1,386.17	259.37	6.344	
15,200.00	6,877.00	15,230.46	7,074.83	133.11	130.10	-96.93	-778.62	-7,220.08	1,646.15	1,383.49	262.67	6.267	
15,300.00	6,873.95	15,330.46	7,071.65	134.77	131.75	-96.92	-779.00	-7,320.02	1,646.77	1,380.80	265.96	6.192	
15,400.00	6,870.90	15,430.46	7,068.48	136.42	133.40	-96.92	-779.38	-7,419.97	1,647.38	1,378.12	269.26	6.118	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	6,867.85	15,530.45	7,065.31	138.08	135.06	-96.91	-779.76	-7,519.92	1,648.00	1,375.44	272.56	6.046	
15,562.16	6,865.95	15,578.05	7,063.80	139.11	135.85	-96.91	-779.94	-7,567.49	1,648.45	1,374.11	274.34	6.009 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-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	-89.61	1.09	-159.81	159.81				
100.00	100.00	101.00	99.00	3.28	3.28	-89.61	1.09	-159.81	159.81	152.28	7.53	21.226	
200.00	200.00	199.00	199.00	3.31	3.30	-89.61	1.09	-159.81	159.81	152.24	7.57	21.101	
300.00	300.00	304.24	304.22	3.35	3.35	-143.51	0.29	-158.09	158.53	150.87	7.66	20.698	
400.00	399.93	409.31	409.13	3.42	3.42	-145.23	-2.16	-152.89	156.44	148.67	7.78	20.110	
500.00	499.68	513.95	513.32	3.51	3.51	-148.40	-6.22	-144.26	154.24	146.30	7.94	19.423	
600.00	599.13	617.94	616.46	3.62	3.64	-153.05	-11.86	-132.27	152.55	144.40	8.15	18.714	
666.18	664.72	686.31	683.98	3.71	3.75	-156.90	-16.44	-122.55	152.14	143.81	8.32	18.279	CC, ES
700.00	698.15	721.08	718.22	3.76	3.81	-159.10	-19.03	-117.04	152.27	143.84	8.42	18.082	
800.00	796.63	820.13	815.52	3.94	4.01	-165.80	-26.91	-100.31	155.32	146.55	8.77	17.705	
900.00	894.53	918.10	911.76	4.15	4.24	-172.27	-34.72	-83.70	163.46	154.27	9.19	17.787	
1,000.00	992.33	1,016.03	1,007.94	4.40	4.49	-178.10	-42.53	-67.09	173.99	164.34	9.65	18.031	
1,100.00	1,090.13	1,113.95	1,104.13	4.68	4.77	176.76	-50.35	-50.49	186.14	175.99	10.15	18.339	
1,200.00	1,187.94	1,211.87	1,200.32	4.97	5.06	172.27	-58.16	-33.89	199.62	188.93	10.69	18.681	
1,300.00	1,285.74	1,309.79	1,296.51	5.28	5.37	168.35	-65.97	-17.29	214.17	202.92	11.25	19.035	
1,400.00	1,383.54	1,407.72	1,392.70	5.60	5.69	164.94	-73.79	-0.68	229.59	217.75	11.84	19.386	
1,500.00	1,481.35	1,505.64	1,488.89	5.94	6.01	161.96	-81.60	15.92	245.72	233.26	12.46	19.726	
1,600.00	1,579.15	1,603.56	1,585.07	6.29	6.35	159.35	-89.41	32.52	262.42	249.33	13.09	20.049	
1,700.00	1,676.96	1,701.49	1,681.26	6.64	6.70	157.05	-97.22	49.12	279.60	265.86	13.74	20.353	
1,800.00	1,774.76	1,800.59	1,777.45	7.01	7.05	155.01	-105.04	65.73	297.17	282.76	14.40	20.632	
1,900.00	1,872.56	1,902.67	1,873.64	7.21	7.25	153.21	-112.85	82.33	315.06	300.65	14.40	21.873	
2,000.00	1,970.37	2,004.75	1,969.83	7.26	7.29	151.59	-120.66	98.93	333.22	318.73	14.49	22.990	
2,100.00	2,068.17	2,106.82	2,066.02	7.32	7.36	150.15	-128.47	115.53	351.62	337.00	14.62	24.053	
2,200.00	2,165.98	2,208.90	2,162.21	7.41	7.44	148.85	-136.29	132.14	370.21	355.44	14.78	25.056	
2,300.00	2,263.78	2,289.02	2,258.39	7.51	7.51	147.67	-144.10	148.74	388.97	374.03	14.94	26.033	
2,400.00	2,361.58	2,386.95	2,354.58	7.62	7.62	146.60	-151.91	165.34	407.88	392.73	15.15	26.917	
2,500.00	2,459.39	2,484.87	2,450.77	7.75	7.74	145.62	-159.73	181.94	426.91	411.52	15.39	27.734	
2,600.00	2,557.19	2,582.79	2,546.96	7.90	7.87	144.73	-167.54	198.55	446.05	430.39	15.66	28.483	
2,700.00	2,654.99	2,680.72	2,643.15	8.05	8.02	143.91	-175.35	215.15	465.29	449.33	15.95	29.165	
2,800.00	2,752.80	2,778.64	2,739.34	8.22	8.18	143.16	-183.16	231.75	484.61	468.34	16.27	29.783	
2,900.00	2,850.60	2,876.56	2,835.53	8.41	8.35	142.46	-190.98	248.35	504.01	487.39	16.61	30.340	
3,000.00	2,948.41	2,974.49	2,931.71	8.60	8.53	141.82	-198.79	264.96	523.47	506.49	16.97	30.838	
3,100.00	3,046.21	3,072.41	3,027.90	8.80	8.72	141.22	-206.60	281.56	542.99	525.63	17.36	31.283	
3,200.00	3,144.01	3,170.33	3,124.09	9.02	8.93	140.66	-214.41	298.16	562.57	544.81	17.76	31.677	
3,300.00	3,241.82	3,268.25	3,220.28	9.24	9.14	140.14	-222.23	314.77	582.19	564.01	18.18	32.025	
3,400.00	3,339.62	3,366.18	3,316.47	9.47	9.36	139.65	-230.04	331.37	601.86	583.24	18.62	32.332	
3,500.00	3,437.43	3,464.10	3,412.66	9.71	9.58	139.20	-237.85	347.97	621.56	602.50	19.07	32.600	
3,600.00	3,535.23	3,562.02	3,508.85	9.96	9.82	138.77	-245.67	364.57	641.31	621.77	19.53	32.833	
3,700.00	3,633.03	3,659.95	3,605.03	10.21	10.06	138.37	-253.48	381.18	661.08	641.07	20.01	33.035	
3,800.00	3,730.84	3,757.87	3,701.22	10.47	10.31	137.99	-261.29	397.78	680.88	660.38	20.50	33.210	
3,900.00	3,828.64	3,855.79	3,797.41	10.74	10.56	137.63	-269.10	414.38	700.71	679.71	21.01	33.359	
4,000.00	3,926.44	3,953.72	3,893.60	11.01	10.82	137.30	-276.92	430.98	720.57	699.05	21.52	33.486	
4,100.00	4,024.25	4,051.64	3,989.79	11.28	11.08	136.98	-284.73	447.59	740.45	718.41	22.04	33.593	
4,200.00	4,122.05	4,149.56	4,085.98	11.56	11.35	136.67	-292.54	464.19	760.35	737.77	22.57	33.683	
4,300.00	4,219.86	4,247.48	4,182.16	11.85	11.62	136.39	-300.35	480.79	780.26	757.15	23.11	33.757	
4,400.00	4,317.66	4,345.41	4,278.35	12.14	11.90	136.11	-308.17	497.39	800.20	776.54	23.66	33.816	
4,500.00	4,415.46	4,443.33	4,374.54	12.43	12.18	135.85	-315.98	514.00	820.15	795.93	24.22	33.864	
4,600.00	4,513.27	4,541.25	4,470.73	12.72	12.47	135.61	-323.79	530.60	840.12	815.34	24.78	33.901	
4,700.00	4,611.07	4,639.18	4,566.92	13.02	12.75	135.37	-331.60	547.20	860.10	834.75	25.35	33.927	
4,800.00	4,708.88	4,737.10	4,663.11	13.32	13.05	135.14	-339.42	563.80	880.10	854.17	25.93	33.946	
4,900.00	4,806.68	4,835.02	4,759.30	13.63	13.34	134.93	-347.23	580.41	900.11	873.60	26.51	33.957	
5,000.00	4,904.48	4,932.95	4,855.48	13.94	13.64	134.72	-355.04	597.01	920.13	893.03	27.09	33.961	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-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	5,002.29	5,030.87	4,951.67	14.25	13.93	134.53	-362.86	613.61	940.16	912.47	27.68	33.960		
5,200.00	5,100.09	5,128.79	5,047.86	14.56	14.24	134.34	-370.67	630.21	960.20	931.92	28.28	33.953		
5,300.00	5,197.90	5,226.71	5,144.05	14.87	14.54	134.16	-378.48	646.82	980.25	951.37	28.88	33.942		
5,400.00	5,295.70	5,324.64	5,240.24	15.19	14.85	133.98	-386.29	663.42	1,000.31	970.83	29.48	33.927		
5,500.00	5,393.50	5,422.56	5,336.43	15.51	15.15	133.82	-394.11	680.02	1,020.38	990.29	30.09	33.909		
5,600.00	5,491.31	5,520.48	5,432.62	15.83	15.46	133.65	-401.92	696.62	1,040.46	1,009.75	30.70	33.888		
5,700.00	5,589.11	5,618.41	5,528.80	16.15	15.77	133.50	-409.73	713.23	1,060.54	1,029.22	31.32	33.864		
5,800.00	5,686.91	5,716.33	5,624.99	16.47	16.09	133.35	-417.54	729.83	1,080.63	1,048.70	31.94	33.838		
5,900.00	5,784.72	5,814.25	5,721.18	16.80	16.40	133.21	-425.36	746.43	1,100.73	1,068.17	32.56	33.810		
6,000.00	5,882.52	5,912.18	5,817.37	17.12	16.72	133.07	-433.17	763.03	1,120.83	1,087.65	33.18	33.780		
6,100.00	5,980.33	6,010.10	5,913.56	17.45	17.03	132.94	-440.98	779.64	1,140.95	1,107.14	33.81	33.749		
6,200.00	6,078.13	6,108.02	6,009.75	17.78	17.35	132.81	-448.80	796.24	1,161.06	1,126.63	34.44	33.717		
6,300.00	6,175.93	6,205.94	6,105.94	18.11	17.67	132.68	-456.61	812.84	1,181.18	1,146.12	35.07	33.684		
6,400.00	6,273.74	6,303.87	6,202.12	18.44	17.99	132.56	-464.42	829.44	1,201.31	1,165.61	35.70	33.650		
6,499.99	6,371.53	6,401.78	6,298.30	18.77	18.31	132.45	-472.23	846.05	1,221.44	1,185.10	36.34	33.615		
6,600.00	6,470.24	6,495.59	6,390.48	19.03	18.61	-178.36	-479.72	861.77	1,240.90	1,204.03	36.86	33.662		
6,700.00	6,569.10	6,574.20	6,468.50	19.19	18.77	-123.81	-486.10	868.42	1,259.81	1,222.67	37.15	33.915		
6,800.00	6,665.69	6,654.07	6,547.98	19.30	18.88	-104.84	-492.66	865.25	1,278.35	1,241.02	37.33	34.244		
6,900.00	6,757.63	6,735.64	6,628.09	19.34	18.95	-97.00	-499.34	851.73	1,296.17	1,258.74	37.43	34.633		
7,000.00	6,842.65	6,819.43	6,707.89	19.33	18.98	-92.86	-506.06	827.27	1,312.97	1,275.51	37.46	35.050		
7,100.00	6,918.67	6,906.00	6,786.22	19.30	18.98	-90.44	-512.73	791.20	1,328.44	1,290.98	37.46	35.462		
7,200.00	6,983.80	6,995.98	6,861.69	19.25	18.95	-89.04	-519.24	742.76	1,342.32	1,304.85	37.47	35.824		
7,300.00	7,036.46	7,090.08	6,932.50	19.23	18.91	-88.35	-525.45	681.24	1,354.34	1,316.81	37.54	36.082		
7,400.00	7,075.33	7,189.04	6,996.36	19.26	18.87	-88.21	-531.18	605.99	1,364.24	1,326.53	37.71	36.177		
7,500.00	7,099.46	7,293.60	7,050.36	19.40	18.85	-88.56	-536.18	516.73	1,371.77	1,333.73	38.05	36.054		
7,600.00	7,108.27	7,404.44	7,090.89	19.68	18.90	-89.34	-540.16	413.79	1,376.67	1,338.08	38.60	35.670		
7,700.00	7,105.75	7,522.93	7,113.86	20.11	19.06	-90.35	-542.77	297.75	1,379.20	1,339.79	39.41	34.997		
7,800.00	7,102.70	7,639.00	7,116.11	20.71	19.38	-90.59	-543.68	181.81	1,380.26	1,339.78	40.48	34.100		
7,900.00	7,099.65	7,739.00	7,113.49	21.43	19.82	-90.60	-544.09	81.85	1,380.93	1,339.23	41.70	33.115		
8,000.00	7,096.60	7,839.00	7,110.86	22.26	20.42	-90.62	-544.49	-18.11	1,381.59	1,338.44	43.15	32.018		
8,100.00	7,093.55	7,938.99	7,108.23	23.18	21.15	-90.64	-544.90	-118.07	1,382.26	1,337.46	44.81	30.850		
8,200.00	7,090.50	8,038.99	7,105.60	24.18	22.00	-90.66	-545.31	-218.03	1,382.93	1,336.29	46.65	29.648		
8,300.00	7,087.45	8,138.99	7,102.98	25.24	22.95	-90.67	-545.71	-317.99	1,383.60	1,334.95	48.65	28.441		
8,400.00	7,084.40	8,238.98	7,100.35	26.37	23.99	-90.69	-546.12	-417.96	1,384.27	1,333.47	50.79	27.252		
8,500.00	7,081.35	8,338.98	7,097.72	27.55	25.09	-90.71	-546.53	-517.92	1,384.94	1,331.87	53.07	26.098		
8,600.00	7,078.30	8,438.98	7,095.09	28.78	26.26	-90.72	-546.93	-617.88	1,385.61	1,330.16	55.45	24.989		
8,700.00	7,075.25	8,538.97	7,092.46	30.05	27.48	-90.74	-547.34	-717.84	1,386.27	1,328.35	57.93	23.931		
8,800.00	7,072.20	8,638.97	7,089.84	31.36	28.74	-90.76	-547.75	-817.80	1,386.94	1,326.45	60.49	22.928		
8,900.00	7,069.15	8,738.97	7,087.21	32.70	30.05	-90.78	-548.15	-917.76	1,387.61	1,324.48	63.13	21.980		
9,000.00	7,066.10	8,838.96	7,084.58	34.07	31.39	-90.79	-548.56	-1,017.72	1,388.28	1,322.45	65.83	21.088		
9,100.00	7,063.05	8,938.96	7,081.95	35.46	32.76	-90.81	-548.97	-1,117.69	1,388.95	1,320.36	68.59	20.249		
9,200.00	7,060.00	9,038.96	7,079.32	36.87	34.15	-90.83	-549.37	-1,217.65	1,389.62	1,318.22	71.40	19.461		
9,300.00	7,056.95	9,138.96	7,076.70	38.31	35.57	-90.84	-549.78	-1,317.61	1,390.29	1,316.03	74.26	18.722		
9,400.00	7,053.90	9,238.95	7,074.07	39.76	37.01	-90.86	-550.19	-1,417.57	1,390.96	1,313.80	77.15	18.028		
9,500.00	7,050.85	9,338.95	7,071.44	41.23	38.47	-90.88	-550.60	-1,517.53	1,391.63	1,311.54	80.09	17.377		
9,600.00	7,047.80	9,438.95	7,068.81	42.72	39.95	-90.89	-551.00	-1,617.49	1,392.30	1,309.25	83.05	16.765		
9,700.00	7,044.75	9,538.94	7,066.19	44.22	41.44	-90.91	-551.41	-1,717.46	1,392.97	1,306.93	86.04	16.190		
9,800.00	7,041.70	9,638.94	7,063.56	45.73	42.95	-90.93	-551.82	-1,817.42	1,393.64	1,304.59	89.05	15.649		
9,900.00	7,038.65	9,738.94	7,060.93	47.25	44.46	-90.95	-552.22	-1,917.38	1,394.31	1,302.22	92.09	15.140		
10,000.00	7,035.60	9,838.93	7,058.30	48.78	45.99	-90.96	-552.63	-2,017.34	1,394.98	1,299.83	95.15	14.661		
10,100.00	7,032.55	9,938.93	7,055.67	50.32	47.52	-90.98	-553.04	-2,117.30	1,395.65	1,297.42	98.23	14.208		
10,200.00	7,029.50	10,038.93	7,053.05	51.86	49.07	-91.00	-553.44	-2,217.26	1,396.32	1,295.00	101.32	13.781		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,026.45	10,138.92	7,050.42	53.42	50.62	-91.01	-553.85	-2,317.22	1,396.99	1,292.56	104.44	13.377		
10,400.00	7,023.40	10,238.92	7,047.79	54.98	52.18	-91.03	-554.26	-2,417.19	1,397.66	1,290.10	107.56	12.994		
10,500.00	7,020.35	10,338.92	7,045.16	56.55	53.75	-91.05	-554.66	-2,517.15	1,398.33	1,287.64	110.70	12.632		
10,600.00	7,017.30	10,438.92	7,042.54	58.12	55.32	-91.06	-555.07	-2,617.11	1,399.00	1,285.16	113.85	12.288		
10,700.00	7,014.25	10,538.91	7,039.91	59.70	56.90	-91.08	-555.48	-2,717.07	1,399.68	1,282.67	117.01	11.962		
10,800.00	7,011.20	10,638.91	7,037.28	61.28	58.49	-91.10	-555.89	-2,817.03	1,400.35	1,280.17	120.18	11.652		
10,900.00	7,008.15	10,738.91	7,034.65	62.87	60.07	-91.11	-556.29	-2,916.99	1,401.02	1,277.66	123.36	11.357		
11,000.00	7,005.10	10,838.90	7,032.02	64.46	61.67	-91.13	-556.70	-3,016.96	1,401.69	1,275.15	126.54	11.077		
11,100.00	7,002.05	10,938.90	7,029.40	66.06	63.26	-91.15	-557.11	-3,116.92	1,402.36	1,272.62	129.74	10.809		
11,200.00	6,999.00	11,038.90	7,026.77	67.66	64.87	-91.16	-557.51	-3,216.88	1,403.03	1,270.09	132.94	10.554		
11,300.00	6,995.95	11,138.89	7,024.14	69.26	66.47	-91.18	-557.92	-3,316.84	1,403.71	1,267.55	136.15	10.310		
11,400.00	6,992.90	11,238.89	7,021.51	70.87	68.08	-91.20	-558.33	-3,416.80	1,404.38	1,265.01	139.37	10.077		
11,500.00	6,989.85	11,338.89	7,018.88	72.48	69.69	-91.21	-558.73	-3,516.76	1,405.05	1,262.46	142.59	9.854		
11,600.00	6,986.80	11,438.88	7,016.26	74.09	71.30	-91.23	-559.14	-3,616.73	1,405.72	1,259.90	145.82	9.640		
11,700.00	6,983.75	11,538.88	7,013.63	75.70	72.92	-91.25	-559.55	-3,716.69	1,406.40	1,257.34	149.05	9.435		
11,800.00	6,980.70	11,638.88	7,011.00	77.32	74.53	-91.26	-559.95	-3,816.65	1,407.07	1,254.78	152.29	9.239		
11,900.00	6,977.65	11,738.88	7,008.37	78.94	76.15	-91.28	-560.36	-3,916.61	1,407.74	1,252.21	155.53	9.051		
12,000.00	6,974.60	11,838.87	7,005.75	80.56	77.78	-91.30	-560.77	-4,016.57	1,408.41	1,249.63	158.78	8.870		
12,100.00	6,971.55	11,938.87	7,003.12	82.19	79.40	-91.31	-561.17	-4,116.53	1,409.09	1,247.06	162.03	8.696		
12,200.00	6,968.50	12,038.87	7,000.49	83.81	81.03	-91.33	-561.58	-4,216.49	1,409.76	1,244.47	165.28	8.529		
12,300.00	6,965.45	12,138.86	6,997.86	85.44	82.66	-91.35	-561.99	-4,316.46	1,410.43	1,241.89	168.54	8.368		
12,400.00	6,962.40	12,238.86	6,995.23	87.07	84.29	-91.36	-562.40	-4,416.42	1,411.11	1,239.30	171.80	8.213		
12,500.00	6,959.35	12,338.86	6,992.61	88.70	85.92	-91.38	-562.80	-4,516.38	1,411.78	1,236.71	175.07	8.064		
12,600.00	6,956.30	12,438.85	6,989.98	90.33	87.55	-91.40	-563.21	-4,616.34	1,412.45	1,234.12	178.33	7.920		
12,700.00	6,953.25	12,538.85	6,987.35	91.96	89.19	-91.41	-563.62	-4,716.30	1,413.13	1,231.52	181.60	7.781		
12,800.00	6,950.20	12,638.85	6,984.72	93.60	90.82	-91.43	-564.02	-4,816.26	1,413.80	1,228.92	184.88	7.647		
12,900.00	6,947.15	12,738.84	6,982.10	95.24	92.46	-91.45	-564.43	-4,916.23	1,414.47	1,226.32	188.15	7.518		
13,000.00	6,944.10	12,838.84	6,979.47	96.87	94.10	-91.46	-564.84	-5,016.19	1,415.15	1,223.72	191.43	7.393		
13,100.00	6,941.05	12,938.84	6,976.84	98.51	95.74	-91.48	-565.24	-5,116.15	1,415.82	1,221.11	194.71	7.271		
13,200.00	6,938.00	13,038.83	6,974.21	100.15	97.38	-91.49	-565.65	-5,216.11	1,416.50	1,218.51	197.99	7.154		
13,300.00	6,934.95	13,138.83	6,971.58	101.79	99.02	-91.51	-566.06	-5,316.07	1,417.17	1,215.90	201.27	7.041		
13,400.00	6,931.90	13,238.83	6,968.96	103.43	100.66	-91.53	-566.46	-5,416.03	1,417.84	1,213.28	204.56	6.931		
13,500.00	6,928.85	13,338.83	6,966.33	105.08	102.31	-91.54	-566.87	-5,515.99	1,418.52	1,210.67	207.85	6.825		
13,600.00	6,925.80	13,438.82	6,963.70	106.72	103.95	-91.56	-567.28	-5,615.96	1,419.19	1,208.06	211.14	6.722		
13,700.00	6,922.75	13,538.82	6,961.07	108.36	105.60	-91.58	-567.68	-5,715.92	1,419.87	1,205.44	214.43	6.622		
13,800.00	6,919.70	13,638.82	6,958.45	110.01	107.24	-91.59	-568.09	-5,815.88	1,420.54	1,202.82	217.72	6.525		
13,900.00	6,916.65	13,738.81	6,955.82	111.66	108.89	-91.61	-568.50	-5,915.84	1,421.22	1,200.20	221.01	6.430		
14,000.00	6,913.60	13,838.81	6,953.19	113.30	110.54	-91.62	-568.91	-6,015.80	1,421.89	1,197.58	224.31	6.339		
14,100.00	6,910.55	13,938.81	6,950.56	114.95	112.19	-91.64	-569.31	-6,115.76	1,422.57	1,194.96	227.61	6.250		
14,200.00	6,907.50	14,038.80	6,947.93	116.60	113.84	-91.66	-569.72	-6,215.73	1,423.24	1,192.34	230.90	6.164		
14,300.00	6,904.45	14,138.80	6,945.31	118.25	115.49	-91.67	-570.13	-6,315.69	1,423.92	1,189.72	234.20	6.080		
14,400.00	6,901.40	14,238.80	6,942.68	119.90	117.14	-91.69	-570.53	-6,415.65	1,424.60	1,187.09	237.50	5.998		
14,500.00	6,898.35	14,338.79	6,940.05	121.55	118.79	-91.71	-570.94	-6,515.61	1,425.27	1,184.47	240.81	5.919		
14,600.00	6,895.30	14,438.79	6,937.42	123.20	120.44	-91.72	-571.35	-6,615.57	1,425.95	1,181.84	244.11	5.841		
14,700.00	6,892.25	14,538.79	6,934.79	124.85	122.09	-91.74	-571.75	-6,715.53	1,426.62	1,179.21	247.41	5.766		
14,800.00	6,889.20	14,638.79	6,932.17	126.50	123.74	-91.75	-572.16	-6,815.49	1,427.30	1,176.58	250.72	5.693		
14,900.00	6,886.15	14,738.78	6,929.54	128.15	125.40	-91.77	-572.57	-6,915.46	1,427.97	1,173.95	254.02	5.621		
15,000.00	6,883.10	14,838.78	6,926.91	129.81	127.05	-91.79	-572.97	-7,015.42	1,428.65	1,171.32	257.33	5.552		
15,100.00	6,880.05	14,938.78	6,924.28	131.46	128.70	-91.80	-573.38	-7,115.38	1,429.33	1,168.69	260.64	5.484		
15,200.00	6,877.00	15,038.77	6,921.66	133.11	130.36	-91.82	-573.79	-7,215.34	1,430.00	1,166.06	263.95	5.418		
15,300.00	6,873.95	15,138.77	6,919.03	134.77	132.01	-91.83	-574.20	-7,315.30	1,430.68	1,163.43	267.25	5.353		
15,400.00	6,870.90	15,238.77	6,916.40	136.42	133.67	-91.85	-574.60	-7,415.26	1,431.36	1,160.79	270.56	5.290		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-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
15,500.00	6,867.85	15,338.76	6,913.77	138.08	135.32	-91.87	-575.01	-7,515.23	1,432.03	1,158.16	273.87	5.229	
15,562.16	6,865.95	15,400.92	6,912.14	139.11	136.35	-91.88	-575.26	-7,577.36	1,432.45	1,156.52	275.93	5.191 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	-89.58	1.46	-199.90	199.90				
100.00	100.00	101.00	99.00	3.28	3.28	-89.58	1.46	-199.90	199.90	192.37	7.53	26.551	
200.00	200.00	201.00	199.00	3.31	3.31	-89.58	1.46	-199.90	199.90	192.33	7.57	26.393	
300.00	300.00	301.81	301.81	3.35	3.35	-143.25	1.16	-199.54	199.91	192.25	7.66	26.094	
354.11	354.09	358.98	358.95	3.38	3.38	-143.80	0.15	-198.29	199.90	192.18	7.72	25.886 CC	
400.00	399.93	407.38	407.30	3.42	3.41	-144.57	-1.28	-196.55	199.92	192.14	7.78	25.690 ES	
500.00	499.68	512.49	512.12	3.51	3.50	-147.21	-6.15	-190.60	200.21	192.27	7.95	25.196	
600.00	599.13	616.82	615.82	3.62	3.62	-151.09	-13.40	-181.75	201.40	193.24	8.16	24.683	
700.00	698.15	720.09	717.98	3.76	3.77	-156.08	-22.92	-170.12	204.33	195.90	8.43	24.238	
800.00	796.63	822.01	818.21	3.94	3.97	-161.95	-34.59	-155.85	210.05	201.28	8.77	23.950	
900.00	894.53	920.95	914.89	4.15	4.21	-168.22	-47.90	-139.60	219.36	210.17	9.19	23.871	
1,000.00	992.33	1,017.51	1,009.13	4.40	4.47	-173.97	-61.24	-123.30	231.36	221.69	9.66	23.946	
1,100.00	1,090.13	1,114.07	1,103.37	4.68	4.76	-179.13	-74.58	-107.00	245.52	235.35	10.18	24.128	
1,200.00	1,187.94	1,210.64	1,197.61	4.97	5.08	176.28	-87.93	-90.69	261.51	250.78	10.73	24.382	
1,300.00	1,285.74	1,307.20	1,291.85	5.28	5.41	172.22	-101.27	-74.39	279.01	267.70	11.30	24.680	
1,400.00	1,383.54	1,403.76	1,386.08	5.60	5.75	168.63	-114.61	-58.09	297.75	285.84	11.91	25.002	
1,500.00	1,481.35	1,500.33	1,480.32	5.94	6.11	165.47	-127.95	-41.79	317.51	304.98	12.53	25.332	
1,600.00	1,579.15	1,603.11	1,574.56	6.29	6.50	162.68	-141.29	-25.49	338.12	324.92	13.20	25.614	
1,700.00	1,676.96	1,706.54	1,668.80	6.64	6.90	160.21	-154.64	-9.19	359.42	345.54	13.89	25.885	
1,800.00	1,774.76	1,790.02	1,763.04	7.01	7.24	158.01	-167.98	7.11	381.31	366.80	14.50	26.289	
1,900.00	1,872.56	1,886.58	1,857.28	7.21	7.47	156.04	-181.32	23.41	403.68	389.16	14.52	27.799	
2,000.00	1,970.37	1,983.15	1,951.51	7.26	7.54	154.28	-194.66	39.71	426.47	411.84	14.62	29.162	
2,100.00	2,068.17	2,079.71	2,045.75	7.32	7.60	152.70	-208.00	56.01	449.60	434.86	14.74	30.512	
2,200.00	2,165.98	2,176.27	2,139.99	7.41	7.69	151.27	-221.35	72.31	473.03	458.15	14.88	31.791	
2,300.00	2,263.78	2,272.84	2,234.23	7.51	7.79	149.98	-234.69	88.61	496.71	481.65	15.06	32.991	
2,400.00	2,361.58	2,369.40	2,328.47	7.62	7.90	148.80	-248.03	104.91	520.61	505.35	15.26	34.109	
2,500.00	2,459.39	2,465.97	2,422.70	7.75	8.04	147.73	-261.37	121.21	544.71	529.21	15.50	35.142	
2,600.00	2,557.19	2,562.53	2,516.94	7.90	8.18	146.74	-274.72	137.51	568.97	553.20	15.77	36.090	
2,700.00	2,654.99	2,659.09	2,611.18	8.05	8.34	145.84	-288.06	153.81	593.38	577.32	16.06	36.953	
2,800.00	2,752.80	2,755.66	2,705.42	8.22	8.52	145.01	-301.40	170.12	617.91	601.54	16.37	37.735	
2,900.00	2,850.60	2,852.22	2,799.66	8.41	8.70	144.24	-314.74	186.42	642.56	625.85	16.72	38.440	
3,000.00	2,948.41	2,948.78	2,893.90	8.60	8.90	143.52	-328.08	202.72	667.32	650.24	17.08	39.070	
3,100.00	3,046.21	3,045.35	2,988.13	8.80	9.11	142.86	-341.43	219.02	692.16	674.69	17.46	39.632	
3,200.00	3,144.01	3,141.91	3,082.37	9.02	9.33	142.25	-354.77	235.32	717.08	699.22	17.87	40.131	
3,300.00	3,241.82	3,238.47	3,176.61	9.24	9.56	141.67	-368.11	251.62	742.08	723.79	18.29	40.571	
3,400.00	3,339.62	3,335.04	3,270.85	9.47	9.80	141.13	-381.45	267.92	767.14	748.41	18.73	40.958	
3,500.00	3,437.43	3,431.60	3,365.09	9.71	10.04	140.63	-394.79	284.22	792.27	773.08	19.18	41.297	
3,600.00	3,535.23	3,528.17	3,459.32	9.96	10.30	140.16	-408.14	300.52	817.45	797.79	19.65	41.591	
3,700.00	3,633.03	3,624.73	3,553.56	10.21	10.56	139.71	-421.48	316.82	842.67	822.53	20.14	41.847	
3,800.00	3,730.84	3,721.29	3,647.80	10.47	10.83	139.29	-434.82	333.12	867.94	847.31	20.63	42.067	
3,900.00	3,828.64	3,817.86	3,742.04	10.74	11.10	138.90	-448.16	349.42	893.26	872.12	21.14	42.255	
4,000.00	3,926.44	3,914.42	3,836.28	11.01	11.38	138.52	-461.50	365.72	918.61	896.95	21.66	42.415	
4,100.00	4,024.25	4,010.98	3,930.51	11.28	11.66	138.17	-474.85	382.02	943.99	921.81	22.19	42.550	
4,200.00	4,122.05	4,107.55	4,024.75	11.56	11.95	137.83	-488.19	398.32	969.41	946.69	22.72	42.662	
4,300.00	4,219.86	4,204.11	4,118.99	11.85	12.25	137.51	-501.53	414.62	994.86	971.59	23.27	42.755	
4,400.00	4,317.66	4,300.68	4,213.23	12.14	12.54	137.21	-514.87	430.93	1,020.33	996.51	23.82	42.830	
4,500.00	4,415.46	4,402.76	4,307.47	12.43	12.86	136.92	-528.22	447.23	1,045.83	1,021.43	24.40	42.861	
4,600.00	4,513.27	4,506.20	4,401.71	12.72	13.19	136.65	-541.56	463.53	1,071.35	1,046.36	24.99	42.871	
4,700.00	4,611.07	4,609.63	4,495.94	13.02	13.52	136.39	-554.90	479.83	1,096.90	1,071.31	25.59	42.870	
4,800.00	4,708.88	4,686.93	4,590.18	13.32	13.77	136.14	-568.24	496.13	1,122.46	1,096.36	26.11	42.992	
4,900.00	4,806.68	4,783.49	4,684.42	13.63	14.09	135.90	-581.58	512.43	1,148.05	1,121.35	26.70	43.005	
5,000.00	4,904.48	4,880.06	4,778.66	13.94	14.41	135.67	-594.93	528.73	1,173.65	1,146.36	27.29	43.010	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								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	5,002.29	4,976.62	4,872.90	14.25	14.73	135.46	-608.27	545.03	1,199.27	1,171.39	27.88	43.008		
5,200.00	5,100.09	5,073.19	4,967.13	14.56	15.05	135.25	-621.61	561.33	1,224.90	1,196.42	28.49	43.000		
5,300.00	5,197.90	5,169.75	5,061.37	14.87	15.38	135.05	-634.95	577.63	1,250.55	1,221.46	29.09	42.986		
5,400.00	5,295.70	5,266.31	5,155.61	15.19	15.70	134.85	-648.29	593.93	1,276.22	1,246.51	29.70	42.967		
5,500.00	5,393.50	5,362.88	5,249.85	15.51	16.03	134.67	-661.64	610.23	1,301.89	1,271.58	30.32	42.943		
5,600.00	5,491.31	5,459.44	5,344.09	15.83	16.36	134.49	-674.98	626.53	1,327.58	1,296.65	30.93	42.916		
5,700.00	5,589.11	5,556.00	5,438.33	16.15	16.70	134.32	-688.32	642.83	1,353.28	1,321.72	31.56	42.886		
5,800.00	5,686.91	5,652.57	5,532.56	16.47	17.03	134.15	-701.66	659.13	1,378.99	1,346.81	32.18	42.853		
5,900.00	5,784.72	5,749.13	5,626.80	16.80	17.37	134.00	-715.01	675.43	1,404.71	1,371.90	32.81	42.818		
6,000.00	5,882.52	5,845.70	5,721.04	17.12	17.71	133.84	-728.35	691.74	1,430.44	1,397.00	33.44	42.780		
6,100.00	5,980.33	5,942.26	5,815.28	17.45	18.04	133.70	-741.69	708.04	1,456.18	1,422.11	34.07	42.741		
6,200.00	6,078.13	6,038.82	5,909.52	17.78	18.39	133.55	-755.03	724.34	1,481.93	1,447.22	34.71	42.700		
6,300.00	6,175.93	6,135.39	6,003.75	18.11	18.73	133.42	-768.37	740.64	1,507.69	1,472.34	35.34	42.658		
6,400.00	6,273.74	6,231.95	6,097.99	18.44	19.07	133.28	-781.72	756.94	1,533.45	1,497.47	35.98	42.615		
6,499.99	6,371.53	6,328.50	6,192.22	18.77	19.41	133.15	-795.06	773.24	1,559.22	1,522.59	36.63	42.571		
6,600.00	6,470.24	6,424.61	6,286.01	19.03	19.76	-177.10	-808.34	789.46	1,584.18	1,547.00	37.18	42.608		
6,700.00	6,569.10	6,518.20	6,377.35	19.19	20.09	-122.42	-821.27	805.26	1,607.39	1,569.76	37.63	42.712		
6,800.00	6,665.69	6,606.99	6,464.00	19.30	20.41	-103.75	-833.53	820.25	1,629.00	1,591.00	38.00	42.872		
6,900.00	6,757.63	6,673.70	6,529.65	19.34	20.58	-95.93	-842.88	827.25	1,649.88	1,611.74	38.14	43.262		
7,000.00	6,842.65	6,744.61	6,599.81	19.33	20.70	-91.82	-852.95	827.09	1,670.34	1,632.12	38.22	43.706		
7,100.00	6,918.67	6,819.15	6,673.03	19.30	20.80	-89.41	-863.57	818.43	1,690.15	1,651.88	38.26	44.170		
7,200.00	6,983.80	6,898.72	6,749.50	19.25	20.87	-88.02	-874.76	799.72	1,709.10	1,670.78	38.31	44.608		
7,300.00	7,036.46	6,985.33	6,829.38	19.23	20.90	-87.36	-886.59	768.58	1,726.94	1,688.56	38.39	44.986		
7,400.00	7,075.33	7,081.99	6,912.63	19.26	20.90	-87.35	-899.09	721.28	1,743.39	1,704.87	38.52	45.259		
7,500.00	7,099.46	7,193.15	6,998.30	19.40	20.86	-87.97	-912.19	651.88	1,758.02	1,719.28	38.74	45.381		
7,600.00	7,108.27	7,325.45	7,082.79	19.68	20.78	-89.27	-925.48	551.25	1,770.21	1,731.10	39.10	45.269		
7,700.00	7,105.75	7,491.29	7,156.71	20.11	20.66	-91.55	-937.79	403.84	1,779.35	1,739.56	39.79	44.718		
7,800.00	7,102.70	7,696.93	7,192.36	20.71	20.59	-92.88	-945.23	202.35	1,784.21	1,743.14	41.07	43.440		
7,900.00	7,099.65	7,814.84	7,188.91	21.43	20.72	-92.88	-946.09	84.52	1,785.14	1,742.84	42.30	42.197		
8,000.00	7,096.60	7,914.83	7,185.26	22.26	21.06	-92.86	-946.72	-15.41	1,786.00	1,742.33	43.67	40.900		
8,100.00	7,093.55	8,014.83	7,181.60	23.18	21.63	-92.84	-947.35	-115.34	1,786.85	1,741.61	45.24	39.498		
8,200.00	7,090.50	8,114.82	7,177.95	24.18	22.38	-92.82	-947.97	-215.26	1,787.70	1,740.70	47.00	38.038		
8,300.00	7,087.45	8,214.81	7,174.30	25.24	23.26	-92.80	-948.60	-315.19	1,788.55	1,739.63	48.92	36.558		
8,400.00	7,084.40	8,314.81	7,170.65	26.37	24.24	-92.78	-949.23	-415.11	1,789.41	1,738.41	51.00	35.087		
8,500.00	7,081.35	8,414.80	7,166.99	27.55	25.30	-92.76	-949.85	-515.04	1,790.26	1,737.06	53.21	33.648		
8,600.00	7,078.30	8,514.80	7,163.34	28.78	26.42	-92.74	-950.48	-614.96	1,791.12	1,735.59	55.53	32.257		
8,700.00	7,075.25	8,614.79	7,159.69	30.05	27.60	-92.72	-951.11	-714.89	1,791.97	1,734.02	57.95	30.923		
8,800.00	7,072.20	8,714.79	7,156.04	31.36	28.82	-92.70	-951.74	-814.82	1,792.82	1,732.36	60.46	29.652		
8,900.00	7,069.15	8,814.78	7,152.39	32.70	30.09	-92.68	-952.36	-914.74	1,793.68	1,730.63	63.05	28.448		
9,000.00	7,066.10	8,914.77	7,148.73	34.07	31.40	-92.66	-952.99	-1,014.67	1,794.53	1,728.82	65.71	27.310		
9,100.00	7,063.05	9,014.77	7,145.08	35.46	32.74	-92.64	-953.62	-1,114.59	1,795.39	1,726.96	68.43	26.237		
9,200.00	7,060.00	9,114.76	7,141.43	36.87	34.10	-92.62	-954.25	-1,214.52	1,796.24	1,725.04	71.20	25.227		
9,300.00	7,056.95	9,214.76	7,137.78	38.31	35.49	-92.60	-954.87	-1,314.44	1,797.10	1,723.07	74.03	24.277		
9,400.00	7,053.90	9,314.75	7,134.13	39.76	36.91	-92.58	-955.50	-1,414.37	1,797.96	1,721.07	76.89	23.384		
9,500.00	7,050.85	9,414.75	7,130.47	41.23	38.34	-92.56	-956.13	-1,514.29	1,798.81	1,719.02	79.79	22.544		
9,600.00	7,047.80	9,514.74	7,126.82	42.72	39.79	-92.53	-956.75	-1,614.22	1,799.67	1,716.94	82.73	21.755		
9,700.00	7,044.75	9,614.73	7,123.17	44.22	41.26	-92.51	-957.38	-1,714.15	1,800.52	1,714.83	85.69	21.012		
9,800.00	7,041.70	9,714.73	7,119.52	45.73	42.74	-92.49	-958.01	-1,814.07	1,801.38	1,712.70	88.68	20.313		
9,900.00	7,038.65	9,814.72	7,115.87	47.25	44.24	-92.47	-958.64	-1,914.00	1,802.24	1,710.54	91.70	19.654		
10,000.00	7,035.60	9,914.72	7,112.21	48.78	45.75	-92.45	-959.26	-2,013.92	1,803.09	1,708.36	94.74	19.032		
10,100.00	7,032.55	10,014.71	7,108.56	50.32	47.26	-92.43	-959.89	-2,113.85	1,803.95	1,706.15	97.80	18.446		
10,200.00	7,029.50	10,114.71	7,104.91	51.86	48.79	-92.41	-960.52	-2,213.77	1,804.81	1,703.93	100.88	17.891		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,026.45	10,214.70	7,101.26	53.42	50.33	-92.39	-961.15	-2,313.70	1,805.67	1,701.70	103.97	17.367	
10,400.00	7,023.40	10,314.69	7,097.61	54.98	51.87	-92.37	-961.77	-2,413.62	1,806.53	1,699.45	107.08	16.871	
10,500.00	7,020.35	10,414.69	7,093.95	56.55	53.43	-92.35	-962.40	-2,513.55	1,807.38	1,697.18	110.20	16.401	
10,600.00	7,017.30	10,514.68	7,090.30	58.12	54.99	-92.33	-963.03	-2,613.48	1,808.24	1,694.90	113.34	15.955	
10,700.00	7,014.25	10,614.68	7,086.65	59.70	56.55	-92.31	-963.66	-2,713.40	1,809.10	1,692.62	116.48	15.531	
10,800.00	7,011.20	10,714.67	7,083.00	61.28	58.12	-92.29	-964.28	-2,813.33	1,809.96	1,690.32	119.64	15.128	
10,900.00	7,008.15	10,814.67	7,079.35	62.87	59.70	-92.27	-964.91	-2,913.25	1,810.82	1,688.01	122.81	14.745	
11,000.00	7,005.10	10,914.66	7,075.69	64.46	61.28	-92.25	-965.54	-3,013.18	1,811.68	1,685.69	125.99	14.380	
11,100.00	7,002.05	11,014.65	7,072.04	66.06	62.86	-92.23	-966.16	-3,113.10	1,812.54	1,683.36	129.17	14.032	
11,200.00	6,999.00	11,114.65	7,068.39	67.66	64.45	-92.21	-966.79	-3,213.03	1,813.40	1,681.03	132.37	13.700	
11,300.00	6,995.95	11,214.64	7,064.74	69.26	66.05	-92.19	-967.42	-3,312.96	1,814.26	1,678.69	135.57	13.383	
11,400.00	6,992.90	11,314.64	7,061.09	70.87	67.65	-92.17	-968.05	-3,412.88	1,815.12	1,676.34	138.77	13.080	
11,500.00	6,989.85	11,414.63	7,057.43	72.48	69.25	-92.15	-968.67	-3,512.81	1,815.98	1,673.99	141.99	12.790	
11,600.00	6,986.80	11,514.63	7,053.78	74.09	70.85	-92.13	-969.30	-3,612.73	1,816.84	1,671.63	145.21	12.512	
11,700.00	6,983.75	11,614.62	7,050.13	75.70	72.46	-92.11	-969.93	-3,712.66	1,817.70	1,669.27	148.43	12.246	
11,800.00	6,980.70	11,714.61	7,046.48	77.32	74.07	-92.09	-970.56	-3,812.58	1,818.56	1,666.90	151.66	11.991	
11,900.00	6,977.65	11,814.61	7,042.83	78.94	75.68	-92.07	-971.18	-3,912.51	1,819.42	1,664.52	154.90	11.746	
12,000.00	6,974.60	11,914.60	7,039.17	80.56	77.30	-92.05	-971.81	-4,012.43	1,820.28	1,662.15	158.14	11.511	
12,100.00	6,971.55	12,014.60	7,035.52	82.19	78.91	-92.03	-972.44	-4,112.36	1,821.15	1,659.76	161.38	11.285	
12,200.00	6,968.50	12,114.59	7,031.87	83.81	80.53	-92.01	-973.07	-4,212.29	1,822.01	1,657.38	164.63	11.067	
12,300.00	6,965.45	12,214.59	7,028.22	85.44	82.15	-91.99	-973.69	-4,312.21	1,822.87	1,654.99	167.88	10.858	
12,400.00	6,962.40	12,314.58	7,024.57	87.07	83.78	-91.97	-974.32	-4,412.14	1,823.73	1,652.59	171.14	10.656	
12,500.00	6,959.35	12,414.57	7,020.91	88.70	85.40	-91.95	-974.95	-4,512.06	1,824.60	1,650.20	174.40	10.462	
12,600.00	6,956.30	12,514.57	7,017.26	90.33	87.03	-91.93	-975.57	-4,611.99	1,825.46	1,647.80	177.66	10.275	
12,700.00	6,953.25	12,614.56	7,013.61	91.96	88.66	-91.91	-976.20	-4,711.91	1,826.32	1,645.40	180.92	10.094	
12,800.00	6,950.20	12,714.56	7,009.96	93.60	90.29	-91.89	-976.83	-4,811.84	1,827.18	1,642.99	184.19	9.920	
12,900.00	6,947.15	12,814.55	7,006.31	95.24	91.92	-91.87	-977.46	-4,911.76	1,828.05	1,640.59	187.46	9.752	
13,000.00	6,944.10	12,914.55	7,002.65	96.87	93.55	-91.85	-978.08	-5,011.69	1,828.91	1,638.18	190.74	9.589	
13,100.00	6,941.05	13,014.54	6,999.00	98.51	95.18	-91.83	-978.71	-5,111.62	1,829.78	1,635.76	194.01	9.431	
13,200.00	6,938.00	13,114.53	6,995.35	100.15	96.82	-91.81	-979.34	-5,211.54	1,830.64	1,633.35	197.29	9.279	
13,300.00	6,934.95	13,214.53	6,991.70	101.79	98.46	-91.79	-979.97	-5,311.47	1,831.51	1,630.93	200.57	9.131	
13,400.00	6,931.90	13,314.52	6,988.04	103.43	100.09	-91.77	-980.59	-5,411.39	1,832.37	1,628.52	203.85	8.989	
13,500.00	6,928.85	13,414.52	6,984.39	105.08	101.73	-91.75	-981.22	-5,511.32	1,833.23	1,626.10	207.14	8.850	
13,600.00	6,925.80	13,514.51	6,980.74	106.72	103.37	-91.73	-981.85	-5,611.24	1,834.10	1,623.68	210.42	8.716	
13,700.00	6,922.75	13,614.51	6,977.09	108.36	105.01	-91.71	-982.47	-5,711.17	1,834.97	1,621.25	213.71	8.586	
13,800.00	6,919.70	13,714.50	6,973.44	110.01	106.65	-91.69	-983.10	-5,811.10	1,835.83	1,618.83	217.00	8.460	
13,900.00	6,916.65	13,814.49	6,969.78	111.66	108.30	-91.67	-983.73	-5,911.02	1,836.70	1,616.40	220.29	8.338	
14,000.00	6,913.60	13,914.49	6,966.13	113.30	109.94	-91.66	-984.36	-6,010.95	1,837.56	1,613.98	223.58	8.219	
14,100.00	6,910.55	14,014.48	6,962.48	114.95	111.58	-91.64	-984.98	-6,110.87	1,838.43	1,611.55	226.88	8.103	
14,200.00	6,907.50	14,114.48	6,958.83	116.60	113.23	-91.62	-985.61	-6,210.80	1,839.29	1,609.12	230.17	7.991	
14,300.00	6,904.45	14,214.47	6,955.18	118.25	114.87	-91.60	-986.24	-6,310.72	1,840.16	1,606.69	233.47	7.882	
14,400.00	6,901.40	14,314.47	6,951.52	119.90	116.52	-91.58	-986.87	-6,410.65	1,841.03	1,604.26	236.77	7.776	
14,500.00	6,898.35	14,414.46	6,947.87	121.55	118.17	-91.56	-987.49	-6,510.57	1,841.90	1,601.83	240.07	7.672	
14,600.00	6,895.30	14,514.45	6,944.22	123.20	119.81	-91.54	-988.12	-6,610.50	1,842.76	1,599.39	243.37	7.572	
14,700.00	6,892.25	14,614.45	6,940.57	124.85	121.46	-91.52	-988.75	-6,710.43	1,843.63	1,596.96	246.67	7.474	
14,800.00	6,889.20	14,714.44	6,936.92	126.50	123.11	-91.50	-989.38	-6,810.35	1,844.50	1,594.52	249.98	7.379	
14,900.00	6,886.15	14,814.44	6,933.26	128.15	124.76	-91.48	-990.00	-6,910.28	1,845.37	1,592.08	253.28	7.286	
15,000.00	6,883.10	14,914.43	6,929.61	129.81	126.41	-91.46	-990.63	-7,010.20	1,846.23	1,589.65	256.59	7.195	
15,100.00	6,880.05	15,014.43	6,925.96	131.46	128.06	-91.44	-991.26	-7,110.13	1,847.10	1,587.21	259.89	7.107	
15,200.00	6,877.00	15,114.42	6,922.31	133.11	129.71	-91.42	-991.88	-7,210.05	1,847.97	1,584.77	263.20	7.021	
15,300.00	6,873.95	15,214.41	6,918.66	134.77	131.36	-91.40	-992.51	-7,309.98	1,848.84	1,582.33	266.51	6.937	
15,400.00	6,870.90	15,314.41	6,915.00	136.42	133.02	-91.38	-993.14	-7,409.90	1,849.71	1,579.89	269.82	6.855	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	6,867.85	15,414.40	6,911.35	138.08	134.67	-91.36	-993.77	-7,509.83	1,850.58	1,577.45	273.13	6.776	
15,562.16	6,865.95	15,469.28	6,909.35	139.11	135.57	-91.35	-994.11	-7,564.67	1,851.13	1,576.08	275.06	6.730 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
0.00	0.00	1.00	-1.00	3.28	3.28	-89.82	3.30	-1,079.67	1,079.68				
100.00	100.00	101.00	99.00	3.28	3.28	-89.82	3.30	-1,079.67	1,079.68	1,072.15	7.53	143.403	
200.00	200.00	199.00	199.00	3.31	3.30	-89.82	3.30	-1,079.67	1,079.68	1,072.10	7.57	142.559	
300.00	300.00	340.00	339.94	3.35	3.37	-143.47	1.15	-1,077.02	1,078.14	1,070.47	7.68	140.436	
400.00	399.93	480.77	480.32	3.42	3.48	-144.01	-5.36	-1,069.00	1,075.26	1,067.43	7.83	137.277	
500.00	499.68	620.23	618.73	3.51	3.64	-144.94	-16.08	-1,055.78	1,071.53	1,063.47	8.05	133.060	
600.00	599.13	753.05	749.62	3.62	3.87	-146.19	-30.21	-1,038.36	1,067.21	1,058.87	8.34	127.961	
700.00	698.15	850.96	845.80	3.76	4.08	-147.28	-41.79	-1,024.09	1,064.74	1,056.08	8.66	122.979	
724.06	721.90	874.47	868.88	3.80	4.13	-147.55	-44.57	-1,020.66	1,064.64	1,055.90	8.74	121.775 CC, ES	
800.00	796.63	948.50	941.60	3.94	4.31	-148.42	-53.33	-1,009.87	1,065.63	1,056.60	9.03	118.048	
900.00	894.53	1,045.61	1,036.99	4.15	4.57	-149.63	-64.81	-995.71	1,069.62	1,060.18	9.45	113.246	
1,000.00	992.33	1,142.65	1,132.30	4.40	4.85	-150.86	-76.29	-981.57	1,074.53	1,064.63	9.90	108.526	
1,100.00	1,090.13	1,239.69	1,227.62	4.68	5.15	-152.08	-87.77	-967.42	1,079.97	1,069.58	10.39	103.930	
1,200.00	1,187.94	1,336.74	1,322.93	4.97	5.46	-153.28	-99.24	-953.27	1,085.91	1,075.00	10.91	99.546	
1,300.00	1,285.74	1,433.78	1,418.25	5.28	5.78	-154.48	-110.72	-939.13	1,092.35	1,080.90	11.45	95.380	
1,400.00	1,383.54	1,530.82	1,513.57	5.60	6.11	-155.66	-122.20	-924.98	1,099.29	1,087.27	12.02	91.477	
1,500.00	1,481.35	1,627.86	1,608.88	5.94	6.45	-156.82	-133.68	-910.83	1,106.71	1,094.11	12.60	87.836	
1,600.00	1,579.15	1,724.90	1,704.20	6.29	6.79	-157.97	-145.15	-896.69	1,114.60	1,101.40	13.20	84.453	
1,700.00	1,676.96	1,821.94	1,799.51	6.64	7.11	-159.10	-156.63	-882.54	1,122.96	1,109.18	13.77	81.523	
1,800.00	1,774.76	1,918.98	1,894.83	7.01	7.27	-160.22	-168.11	-868.39	1,131.77	1,117.72	14.04	80.598	
1,900.00	1,872.56	2,016.02	1,990.15	7.21	7.32	-161.32	-179.59	-854.25	1,141.02	1,126.99	14.03	81.307	
2,000.00	1,970.37	2,113.07	2,085.46	7.26	7.38	-162.41	-191.06	-840.10	1,150.71	1,136.59	14.12	81.500	
2,100.00	2,068.17	2,210.11	2,180.78	7.32	7.46	-163.47	-202.54	-825.95	1,160.81	1,146.58	14.24	81.531	
2,200.00	2,165.98	2,307.15	2,276.09	7.41	7.55	-164.52	-214.02	-811.81	1,171.33	1,156.94	14.39	81.408	
2,300.00	2,263.78	2,404.19	2,371.41	7.51	7.66	-165.55	-225.49	-797.66	1,182.25	1,167.68	14.57	81.142	
2,400.00	2,361.58	2,501.23	2,466.73	7.62	7.78	-166.56	-236.97	-783.51	1,193.55	1,178.77	14.78	80.745	
2,500.00	2,459.39	2,601.73	2,562.04	7.75	7.92	-167.55	-248.45	-769.37	1,205.24	1,190.21	15.03	80.201	
2,600.00	2,557.19	2,704.69	2,657.36	7.90	8.08	-168.53	-259.93	-755.22	1,217.29	1,201.98	15.31	79.531	
2,700.00	2,654.99	2,792.35	2,752.67	8.05	8.23	-169.48	-271.40	-741.07	1,229.69	1,214.11	15.59	78.899	
2,800.00	2,752.80	2,889.40	2,847.99	8.22	8.40	-170.42	-282.88	-726.93	1,242.45	1,226.54	15.90	78.118	
2,900.00	2,850.60	2,986.44	2,943.31	8.41	8.58	-171.34	-294.36	-712.78	1,255.53	1,239.29	16.25	77.278	
3,000.00	2,948.41	3,083.48	3,038.62	8.60	8.78	-172.24	-305.84	-698.63	1,268.94	1,252.33	16.61	76.392	
3,100.00	3,046.21	3,180.52	3,133.94	8.80	8.98	-173.12	-317.31	-684.49	1,282.67	1,265.68	17.00	75.472	
3,200.00	3,144.01	3,277.56	3,229.25	9.02	9.19	-173.99	-328.79	-670.34	1,296.70	1,279.30	17.40	74.528	
3,300.00	3,241.82	3,374.60	3,324.57	9.24	9.41	-174.83	-340.27	-656.19	1,311.03	1,293.21	17.82	73.571	
3,400.00	3,339.62	3,471.64	3,419.89	9.47	9.64	-175.66	-351.75	-642.05	1,325.63	1,307.38	18.26	72.609	
3,500.00	3,437.43	3,568.68	3,515.20	9.71	9.88	-176.47	-363.22	-627.90	1,340.52	1,321.81	18.71	71.647	
3,600.00	3,535.23	3,665.73	3,610.52	9.96	10.12	-177.27	-374.70	-613.75	1,355.67	1,336.50	19.18	70.692	
3,700.00	3,633.03	3,762.77	3,705.84	10.21	10.37	-178.04	-386.18	-599.61	1,371.08	1,351.42	19.66	69.749	
3,800.00	3,730.84	3,859.81	3,801.15	10.47	10.62	-178.80	-397.65	-585.46	1,386.74	1,366.59	20.15	68.822	
3,900.00	3,828.64	3,956.85	3,896.47	10.74	10.88	-179.55	-409.13	-571.31	1,402.64	1,381.99	20.65	67.913	
4,000.00	3,926.44	4,053.89	3,991.78	11.01	11.14	179.73	-420.61	-557.16	1,418.77	1,397.61	21.17	67.025	
4,100.00	4,024.25	4,150.93	4,087.10	11.28	11.41	179.01	-432.09	-543.02	1,435.13	1,413.44	21.69	66.160	
4,200.00	4,122.05	4,247.97	4,182.42	11.56	11.69	178.32	-443.56	-528.87	1,451.71	1,429.48	22.22	65.319	
4,300.00	4,219.86	4,345.01	4,277.73	11.85	11.96	177.64	-455.04	-514.72	1,468.49	1,445.72	22.77	64.503	
4,400.00	4,317.66	4,442.06	4,373.05	12.14	12.24	176.97	-466.52	-500.58	1,485.48	1,462.16	23.32	63.712	
4,500.00	4,415.46	4,539.10	4,468.36	12.43	12.53	176.32	-478.00	-486.43	1,502.66	1,478.79	23.87	62.947	
4,600.00	4,513.27	4,636.14	4,563.68	12.72	12.82	175.69	-489.47	-472.28	1,520.03	1,495.60	24.44	62.207	
4,700.00	4,611.07	4,733.18	4,659.00	13.02	13.11	175.07	-500.95	-458.14	1,537.59	1,512.58	25.00	61.492	
4,800.00	4,708.88	4,830.22	4,754.31	13.32	13.40	174.46	-512.43	-443.99	1,555.32	1,529.74	25.58	60.802	
4,900.00	4,806.68	4,927.26	4,849.63	13.63	13.70	173.86	-523.90	-429.84	1,573.22	1,547.06	26.16	60.136	
5,000.00	4,904.48	5,024.30	4,944.94	13.94	14.00	173.28	-535.38	-415.70	1,591.29	1,564.55	26.75	59.494	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,002.29	5,121.34	5,040.26	14.25	14.30	172.71	-546.86	-401.55	1,609.52	1,582.18	27.34	58.875		
5,200.00	5,100.09	5,218.39	5,135.58	14.56	14.60	172.15	-558.34	-387.40	1,627.90	1,599.97	27.93	58.279		
5,300.00	5,197.90	5,315.43	5,230.89	14.87	14.90	171.61	-569.81	-373.26	1,646.43	1,617.90	28.53	57.704		
5,400.00	5,295.70	5,412.47	5,326.21	15.19	15.21	171.08	-581.29	-359.11	1,665.11	1,635.97	29.14	57.150		
5,500.00	5,393.50	5,509.51	5,421.52	15.51	15.52	170.56	-592.77	-344.96	1,683.92	1,654.18	29.74	56.616		
5,600.00	5,491.31	5,606.55	5,516.84	15.83	15.83	170.05	-604.25	-330.82	1,702.87	1,672.51	30.35	56.101		
5,700.00	5,589.11	5,703.59	5,612.16	16.15	16.14	169.55	-615.72	-316.67	1,721.95	1,690.98	30.97	55.606		
5,800.00	5,686.91	5,800.63	5,707.47	16.47	16.46	169.06	-627.20	-302.52	1,741.15	1,709.57	31.58	55.128		
5,900.00	5,784.72	5,897.67	5,802.79	16.80	16.77	168.58	-638.68	-288.38	1,760.47	1,728.27	32.20	54.667		
6,000.00	5,882.52	6,005.28	5,898.10	17.12	17.12	168.12	-650.15	-274.23	1,779.92	1,747.06	32.86	54.166		
6,100.00	5,980.33	6,108.24	5,993.42	17.45	17.46	167.66	-661.63	-260.08	1,799.48	1,765.97	33.50	53.708		
6,200.00	6,078.13	6,188.80	6,088.74	17.78	17.73	167.21	-673.11	-245.94	1,819.14	1,785.06	34.08	53.381		
6,300.00	6,175.93	6,285.84	6,184.05	18.11	18.05	166.77	-684.59	-231.79	1,838.92	1,804.21	34.71	52.983		
6,400.00	6,273.74	6,303.30	7,308.68	18.44	32.01	131.53	-815.97	991.69	1,857.11	1,813.09	44.02	42.191		
6,499.99	6,371.53	8,313.05	7,308.61	18.77	32.13	130.98	-815.90	1,008.05	1,814.88	1,769.65	45.23	40.125		
6,600.00	6,470.24	8,321.61	7,308.57	19.03	32.24	174.85	-815.87	1,016.61	1,776.89	1,730.53	46.36	38.328		
6,700.00	6,569.10	8,314.50	7,308.60	19.19	32.15	-134.58	-815.90	1,009.49	1,743.90	1,696.69	47.21	36.940		
6,800.00	6,665.69	8,308.12	7,308.70	19.30	32.07	-118.31	-816.00	986.88	1,716.83	1,668.88	47.95	35.806		
6,900.00	6,757.63	8,254.32	7,308.88	19.34	31.40	-111.92	-816.16	949.32	1,696.05	1,648.07	47.98	35.350		
7,000.00	6,842.65	8,202.75	7,309.11	19.33	30.76	-108.15	-816.39	897.74	1,681.34	1,633.46	47.89	35.111 SF		
7,100.00	6,918.67	8,138.43	7,309.41	19.30	29.98	-105.22	-816.67	833.42	1,672.00	1,624.47	47.53	35.179		
7,200.00	6,983.80	8,062.94	7,309.76	19.25	29.10	-102.68	-817.00	757.94	1,666.99	1,620.03	46.96	35.499		
7,300.00	7,036.46	7,978.15	7,310.15	19.23	28.14	-100.47	-817.37	673.15	1,665.07	1,618.81	46.26	35.994		
7,347.21	7,056.59	7,935.47	7,310.34	19.24	27.67	-99.58	-817.55	630.48	1,664.90	1,618.98	45.92	36.254		
7,400.00	7,075.33	7,886.14	7,310.57	19.26	27.15	-98.72	-817.77	581.14	1,665.07	1,619.55	45.52	36.580		
7,500.00	7,099.46	7,781.66	7,310.94	19.40	26.09	-97.49	-818.21	476.67	1,665.96	1,621.21	44.75	37.228		
7,600.00	7,108.27	7,528.97	7,258.46	19.68	23.79	-95.19	-812.80	231.24	1,661.99	1,618.95	43.04	38.614		
7,700.00	7,105.75	7,334.90	7,156.01	20.11	22.33	-92.01	-801.03	67.72	1,651.33	1,609.29	42.04	39.281		
7,800.00	7,102.70	7,204.19	7,061.46	20.71	21.50	-88.79	-789.93	-21.52	1,638.94	1,597.29	41.65	39.350		
7,900.00	7,099.65	7,117.16	6,989.33	21.43	21.03	-86.29	-781.39	-69.32	1,628.38	1,586.73	41.65	39.095		
8,000.00	7,096.60	7,057.13	6,936.11	22.26	20.73	-84.43	-775.05	-96.32	1,621.58	1,579.68	41.89	38.708		
8,089.68	7,093.87	7,017.81	6,899.98	23.08	20.56	-83.16	-770.74	-111.21	1,619.51	1,577.26	42.25	38.332		
8,100.00	7,093.55	7,013.93	6,896.37	23.18	20.54	-83.03	-770.31	-112.56	1,619.53	1,577.24	42.29	38.295		
8,200.00	7,090.50	6,981.63	6,865.99	24.18	20.40	-81.96	-766.67	-122.91	1,622.79	1,580.01	42.79	37.927		
8,300.00	7,087.45	6,956.68	6,842.19	25.24	20.30	-81.12	-763.82	-129.83	1,631.61	1,588.27	43.34	37.647		
8,400.00	7,084.40	6,936.88	6,823.13	26.37	20.23	-80.45	-761.53	-134.66	1,646.08	1,602.16	43.92	37.478		
8,500.00	7,081.35	6,920.82	6,807.56	27.55	20.17	-79.90	-759.66	-138.13	1,666.15	1,621.65	44.51	37.437		
8,600.00	7,078.30	6,900.00	6,787.26	28.78	20.10	-79.18	-757.22	-142.04	1,691.74	1,646.70	45.04	37.564		
8,700.00	7,075.25	6,896.40	6,783.74	30.05	20.09	-79.06	-756.80	-142.65	1,722.54	1,676.92	45.62	37.757		
8,800.00	7,072.20	6,890.83	6,778.29	31.36	20.07	-78.87	-756.14	-143.59	1,758.41	1,712.25	46.15	38.098		
8,900.00	7,069.15	6,873.23	6,761.00	32.70	20.01	-78.26	-754.06	-146.16	1,799.04	1,752.45	46.58	38.619		
9,000.00	7,066.10	6,855.64	6,743.72	34.07	19.95	-77.65	-751.98	-148.72	1,844.03	1,797.06	46.97	39.257		
9,100.00	7,063.05	6,838.04	6,726.43	35.46	19.89	-77.04	-749.90	-151.29	1,893.08	1,845.75	47.32	40.004		
9,200.00	7,060.00	6,820.44	6,709.15	36.87	19.83	-76.44	-747.82	-153.85	1,945.87	1,898.24	47.63	40.851		
9,300.00	7,056.95	6,802.84	6,691.86	38.31	19.77	-75.83	-745.73	-156.42	2,002.11	1,954.20	47.91	41.789		
9,400.00	7,053.90	6,785.25	6,674.58	39.76	19.71	-75.23	-743.65	-158.99	2,061.53	2,013.37	48.15	42.812		
9,500.00	7,050.85	6,767.65	6,657.30	41.23	19.65	-74.63	-741.57	-161.55	2,123.84	2,075.48	48.37	43.911		
9,600.00	7,047.80	6,750.05	6,640.01	42.72	19.59	-74.03	-739.49	-164.12	2,188.81	2,140.26	48.55	45.080		
9,700.00	7,044.75	6,732.45	6,622.73	44.22	19.54	-73.44	-737.41	-166.68	2,256.21	2,207.49	48.72	46.311		
9,800.00	7,041.70	6,714.86	6,605.44	45.73	19.48	-72.84	-735.33	-169.25	2,325.82	2,276.96	48.86	47.600		
9,900.00	7,038.65	6,702.74	6,588.16	47.25	19.44	-72.25	-733.25	-171.81	2,397.45	2,348.45	49.00	48.925		
10,000.00	7,035.60	6,679.66	6,570.87	48.78	19.36	-71.66	-731.16	-174.38	2,470.93	2,421.83	49.10	50.330		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						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	-89.84	2.94	-1,059.63	1,059.63				
100.00	100.00	101.00	99.00	3.28	3.28	-89.84	2.94	-1,059.63	1,059.63	1,052.10	7.53	140.740	
200.00	200.00	199.00	199.00	3.31	3.30	-89.84	2.94	-1,059.63	1,059.63	1,052.06	7.57	139.912	
300.00	300.00	333.27	333.22	3.35	3.36	-143.49	0.71	-1,057.47	1,058.38	1,050.70	7.67	137.924	
400.00	399.93	467.27	466.88	3.42	3.46	-144.03	-6.02	-1,050.97	1,056.35	1,048.53	7.82	135.014	
500.00	499.68	600.01	598.71	3.51	3.61	-144.96	-17.12	-1,040.26	1,054.05	1,046.01	8.04	131.164	
600.00	599.13	730.86	727.83	3.62	3.82	-146.26	-32.34	-1,025.56	1,051.72	1,043.40	8.32	126.374	
700.00	698.15	847.49	842.04	3.76	4.07	-147.72	-49.30	-1,009.18	1,049.96	1,041.29	8.67	121.096	
716.44	714.39	863.43	857.62	3.79	4.11	-147.94	-51.73	-1,006.84	1,049.91	1,041.18	8.73	120.253 CC, ES	
800.00	796.63	944.22	936.59	3.94	4.33	-149.05	-64.01	-994.98	1,051.16	1,042.10	9.06	116.056	
900.00	894.53	1,040.47	1,030.66	4.15	4.60	-150.43	-78.64	-980.85	1,055.64	1,046.15	9.50	111.157	
1,000.00	992.33	1,136.64	1,124.66	4.40	4.90	-151.83	-93.26	-966.74	1,061.21	1,051.23	9.98	106.363	
1,100.00	1,090.13	1,232.81	1,218.66	4.68	5.21	-153.22	-107.88	-952.62	1,067.46	1,056.96	10.49	101.719	
1,200.00	1,187.94	1,328.98	1,312.66	4.97	5.55	-154.59	-122.50	-938.50	1,074.36	1,063.32	11.04	97.313	
1,300.00	1,285.74	1,425.15	1,406.65	5.28	5.89	-155.95	-137.12	-924.39	1,081.92	1,070.30	11.61	93.154	
1,400.00	1,383.54	1,521.32	1,500.65	5.60	6.24	-157.28	-151.74	-910.27	1,090.11	1,077.90	12.21	89.282	
1,500.00	1,481.35	1,617.48	1,594.65	5.94	6.61	-158.60	-166.36	-896.15	1,098.93	1,086.11	12.82	85.692	
1,600.00	1,579.15	1,713.65	1,688.65	6.29	6.98	-159.90	-180.98	-882.04	1,108.36	1,094.90	13.45	82.378	
1,700.00	1,676.96	1,809.82	1,782.65	6.64	7.34	-161.17	-195.60	-867.92	1,118.37	1,104.29	14.08	79.421	
1,800.00	1,774.76	1,905.99	1,876.64	7.01	7.53	-162.42	-210.22	-853.80	1,128.97	1,114.58	14.39	78.473	
1,900.00	1,872.56	2,002.16	1,970.64	7.21	7.58	-163.66	-224.84	-839.68	1,140.12	1,125.74	14.38	79.261	
2,000.00	1,970.37	2,101.67	2,064.64	7.26	7.65	-164.86	-239.46	-825.57	1,151.82	1,137.34	14.48	79.546	
2,100.00	2,068.17	2,205.50	2,158.64	7.32	7.74	-166.05	-254.08	-811.45	1,164.05	1,149.43	14.61	79.650	
2,200.00	2,165.98	2,290.67	2,252.63	7.41	7.83	-167.21	-268.70	-797.33	1,176.79	1,162.02	14.76	79.709	
2,300.00	2,263.78	2,386.84	2,346.63	7.51	7.95	-168.35	-283.32	-783.22	1,190.02	1,175.07	14.95	79.577	
2,400.00	2,361.58	2,483.01	2,440.63	7.62	8.08	-169.46	-297.94	-769.10	1,203.74	1,188.56	15.18	79.322	
2,500.00	2,459.39	2,579.18	2,534.63	7.75	8.22	-170.55	-312.56	-754.98	1,217.91	1,202.49	15.43	78.955	
2,600.00	2,557.19	2,675.35	2,628.63	7.90	8.38	-171.62	-327.18	-740.87	1,232.53	1,216.83	15.70	78.489	
2,700.00	2,654.99	2,771.52	2,722.62	8.05	8.55	-172.66	-341.80	-726.75	1,247.59	1,231.58	16.01	77.939	
2,800.00	2,752.80	2,867.69	2,816.62	8.22	8.74	-173.68	-356.42	-712.63	1,263.06	1,246.72	16.34	77.318	
2,900.00	2,850.60	2,963.86	2,910.62	8.41	8.93	-174.67	-371.04	-698.52	1,278.93	1,262.24	16.69	76.638	
3,000.00	2,948.41	3,060.03	3,004.62	8.60	9.14	-175.64	-385.66	-684.40	1,295.18	1,278.12	17.06	75.912	
3,100.00	3,046.21	3,156.20	3,098.62	8.80	9.35	-176.59	-400.28	-670.28	1,311.81	1,294.35	17.46	75.150	
3,200.00	3,144.01	3,252.37	3,192.61	9.02	9.57	-177.51	-414.90	-656.16	1,328.79	1,310.92	17.87	74.363	
3,300.00	3,241.82	3,348.54	3,286.61	9.24	9.81	-178.42	-429.52	-642.05	1,346.12	1,327.82	18.30	73.560	
3,400.00	3,339.62	3,444.71	3,380.61	9.47	10.05	-179.30	-444.14	-627.93	1,363.78	1,345.03	18.75	72.748	
3,500.00	3,437.43	3,540.88	3,474.61	9.71	10.30	179.85	-458.76	-613.81	1,381.75	1,362.54	19.21	71.932	
3,600.00	3,535.23	3,637.05	3,568.60	9.96	10.55	179.01	-473.38	-599.70	1,400.04	1,380.35	19.69	71.120	
3,700.00	3,633.03	3,733.22	3,662.60	10.21	10.81	178.19	-487.99	-585.58	1,418.61	1,398.44	20.17	70.315	
3,800.00	3,730.84	3,829.39	3,756.60	10.47	11.08	177.40	-502.61	-571.46	1,437.47	1,416.80	20.68	69.522	
3,900.00	3,828.64	3,925.56	3,850.60	10.74	11.35	176.62	-517.23	-557.35	1,456.60	1,435.41	21.19	68.742	
4,000.00	3,926.44	4,021.73	3,944.60	11.01	11.63	175.86	-531.85	-543.23	1,476.00	1,454.28	21.71	67.979	
4,100.00	4,024.25	4,117.90	4,038.59	11.28	11.91	175.13	-546.47	-529.11	1,495.64	1,473.39	22.25	67.234	
4,200.00	4,122.05	4,214.07	4,132.59	11.56	12.20	174.41	-561.09	-514.99	1,515.52	1,492.74	22.79	66.508	
4,300.00	4,219.86	4,310.24	4,226.59	11.85	12.49	173.71	-575.71	-500.88	1,535.64	1,512.30	23.34	65.803	
4,400.00	4,317.66	4,406.41	4,320.59	12.14	12.79	173.02	-590.33	-486.76	1,555.98	1,532.08	23.89	65.119	
4,500.00	4,415.46	4,502.58	4,414.59	12.43	13.08	172.36	-604.95	-472.64	1,576.53	1,552.07	24.46	64.455	
4,600.00	4,513.27	4,601.25	4,508.58	12.72	13.39	171.71	-619.57	-458.53	1,597.29	1,572.25	25.04	63.793	
4,700.00	4,611.07	4,694.92	4,602.58	13.02	13.69	171.07	-634.19	-444.41	1,618.25	1,592.64	25.61	63.192	
4,800.00	4,708.88	4,808.91	4,696.58	13.32	14.06	170.46	-648.81	-430.29	1,639.40	1,613.15	26.25	62.455	
4,900.00	4,806.68	4,887.26	4,790.58	13.63	14.31	169.85	-663.43	-416.18	1,660.73	1,633.95	26.78	62.012	
5,000.00	4,904.48	4,983.43	4,884.57	13.94	14.63	169.27	-678.05	-402.06	1,682.23	1,654.86	27.37	61.453	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,002.29	5,079.60	4,978.57	14.25	14.94	168.69	-692.67	-387.94	1,703.91	1,675.94	27.97	60.913	
5,200.00	5,100.09	5,175.77	5,072.57	14.56	15.26	168.13	-707.29	-373.83	1,725.75	1,697.18	28.58	60.393	
5,300.00	5,197.90	5,271.94	5,166.57	14.87	15.58	167.59	-721.91	-359.71	1,747.75	1,718.57	29.18	59.891	
5,400.00	5,295.70	5,368.11	5,260.57	15.19	15.90	167.06	-736.53	-345.59	1,769.90	1,740.10	29.79	59.407	
5,500.00	5,393.50	5,464.28	5,354.56	15.51	16.23	166.54	-751.15	-331.47	1,792.19	1,761.78	30.41	58.940	
5,600.00	5,491.31	5,560.45	5,448.56	15.83	16.55	166.03	-765.77	-317.36	1,814.62	1,783.60	31.02	58.490	
5,700.00	5,589.11	5,656.62	5,542.56	16.15	16.88	165.54	-780.39	-303.24	1,837.19	1,805.55	31.65	58.056	
5,800.00	5,686.91	5,752.78	5,636.56	16.47	17.21	165.05	-795.01	-289.12	1,859.89	1,827.62	32.27	57.637	
5,900.00	5,784.72	5,848.95	5,730.56	16.80	17.54	164.58	-809.63	-275.01	1,882.71	1,849.82	32.90	57.233	
6,000.00	5,882.52	5,945.12	5,824.55	17.12	17.87	164.12	-824.25	-260.89	1,905.66	1,872.13	33.52	56.843	
6,100.00	5,980.33	6,041.29	5,918.55	17.45	18.21	163.67	-838.87	-246.77	1,928.72	1,894.56	34.16	56.467	
6,200.00	6,078.13	7,986.83	6,989.43	17.78	31.61	130.55	-1,004.91	953.77	1,934.10	1,890.14	43.96	43.996	
6,300.00	6,175.93	8,003.09	6,989.34	18.11	31.81	130.05	-1,004.89	970.02	1,901.08	1,855.91	45.16	42.093	
6,400.00	6,273.74	8,019.34	6,989.25	18.44	32.01	129.54	-1,004.86	986.27	1,872.67	1,826.32	46.36	40.398	
6,499.99	6,371.53	8,035.59	6,989.17	18.77	32.22	129.03	-1,004.84	1,002.52	1,849.10	1,801.59	47.51	38.916	
6,600.00	6,470.24	8,044.04	6,989.12	19.03	32.33	174.92	-1,004.83	1,010.98	1,830.48	1,782.03	48.45	37.780	
6,700.00	6,569.10	8,036.82	6,989.16	19.19	32.24	-132.58	-1,004.84	1,003.75	1,817.24	1,768.21	49.04	37.058	
6,800.00	6,665.69	8,014.09	6,989.28	19.30	31.95	-114.53	-1,004.87	981.03	1,809.66	1,760.39	49.27	36.727 SF	
6,895.78	6,753.87	7,978.32	6,989.47	19.34	31.50	-106.79	-1,004.92	945.25	1,807.42	1,758.24	49.18	36.752	
6,900.00	6,757.63	7,976.44	6,989.48	19.34	31.48	-106.53	-1,004.92	943.37	1,807.42	1,758.25	49.17	36.760	
7,000.00	6,842.65	7,924.77	6,989.75	19.33	30.85	-101.33	-1,004.99	899.71	1,809.70	1,760.95	48.75	37.122	
7,100.00	6,918.67	7,860.36	6,990.10	19.30	30.07	-97.18	-1,005.07	827.30	1,815.29	1,767.21	48.08	37.755	
7,200.00	6,983.80	7,784.80	6,990.50	19.25	29.19	-93.65	-1,005.17	751.74	1,822.78	1,775.54	47.24	38.589	
7,300.00	7,036.46	7,700.05	6,990.95	19.23	28.24	-90.71	-1,005.29	666.89	1,830.70	1,784.39	46.30	39.536	
7,400.00	7,075.33	7,607.90	6,991.43	19.26	27.26	-88.45	-1,005.41	574.84	1,837.71	1,792.34	45.38	40.500	
7,500.00	7,099.46	7,510.91	6,991.95	19.40	26.30	-87.00	-1,005.54	477.85	1,842.76	1,798.24	44.52	41.389	
7,600.00	7,108.27	7,380.55	6,981.58	19.68	25.09	-86.09	-1,003.99	348.14	1,844.41	1,800.88	43.53	42.369	
7,700.00	7,105.75	7,254.15	6,946.92	20.11	24.00	-85.13	-998.66	226.91	1,842.34	1,799.60	42.73	43.111	
7,800.00	7,102.70	7,143.51	6,897.69	20.71	23.14	-83.67	-991.04	128.29	1,839.53	1,797.28	42.25	43.541	
7,900.00	7,099.65	7,051.26	6,844.24	21.43	22.48	-82.06	-982.76	53.65	1,837.36	1,795.32	42.04	43.705	
7,963.87	7,097.70	7,001.46	6,811.11	21.96	22.16	-81.05	-977.63	16.84	1,836.89	1,794.84	42.04	43.690	
8,000.00	7,096.60	6,976.12	6,793.19	22.26	22.00	-80.50	-974.85	-0.85	1,837.06	1,794.99	42.07	43.668	
8,100.00	7,093.55	6,915.33	6,747.48	23.18	21.63	-79.10	-967.75	-40.26	1,839.58	1,797.31	42.28	43.513	
8,200.00	7,090.50	6,865.97	6,707.76	24.18	21.35	-77.88	-961.59	-68.89	1,845.63	1,803.01	42.62	43.301	
8,300.00	7,087.45	6,825.55	6,673.68	25.24	21.14	-76.82	-956.30	-89.96	1,855.66	1,812.59	43.07	43.084	
8,400.00	7,084.40	6,792.10	6,644.52	26.37	20.97	-75.93	-951.77	-105.71	1,869.96	1,826.38	43.59	42.901	
8,500.00	7,081.35	6,764.10	6,619.52	27.55	20.84	-75.16	-947.88	-117.69	1,888.69	1,844.53	44.15	42.778	
8,600.00	7,078.30	6,740.40	6,597.96	28.78	20.73	-74.49	-944.53	-126.95	1,911.87	1,867.13	44.74	42.736	
8,700.00	7,075.25	6,720.14	6,579.28	30.05	20.64	-73.92	-941.63	-134.22	1,939.48	1,894.15	45.33	42.784	
8,800.00	7,072.20	6,700.00	6,560.49	31.36	20.55	-73.34	-938.71	-140.85	1,971.44	1,925.53	45.91	42.945	
8,900.00	7,069.15	6,687.42	6,548.65	32.70	20.50	-72.98	-936.87	-144.68	2,007.57	1,961.08	46.50	43.178	
9,000.00	7,066.10	6,674.06	6,536.00	34.07	20.44	-72.59	-934.90	-148.49	2,047.74	2,000.69	47.05	43.525	
9,100.00	7,063.05	6,650.00	6,513.02	35.46	20.35	-71.89	-931.33	-154.67	2,091.83	2,044.31	47.51	44.028	
9,200.00	7,060.00	6,650.00	6,513.02	36.87	20.35	-71.89	-931.33	-154.67	2,139.35	2,091.30	48.06	44.517	
9,300.00	7,056.95	6,650.00	6,513.02	38.31	20.35	-71.89	-931.33	-154.67	2,190.42	2,141.86	48.56	45.107	
9,400.00	7,053.90	6,633.87	6,497.50	39.76	20.29	-71.42	-928.91	-158.32	2,244.60	2,195.64	48.96	45.848	
9,500.00	7,050.85	6,626.22	6,490.10	41.23	20.26	-71.19	-927.76	-159.92	2,301.81	2,252.45	49.35	46.638	
9,600.00	7,047.80	6,619.27	6,483.37	42.72	20.24	-70.99	-926.72	-161.28	2,361.79	2,312.07	49.72	47.502	
9,700.00	7,044.75	6,600.00	6,464.63	44.22	20.17	-70.42	-923.80	-164.69	2,424.48	2,374.47	50.01	48.484	
9,800.00	7,041.70	6,600.00	6,464.63	45.73	20.17	-70.42	-923.80	-164.69	2,489.36	2,439.02	50.34	49.455	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												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	-89.83	3.30	-1,099.44	1,099.44				
100.00	100.00	101.00	99.00	3.28	3.28	-89.83	3.30	-1,099.44	1,099.44	1,091.91	7.53	146.029	
200.00	200.00	199.00	199.00	3.31	3.30	-89.83	3.30	-1,099.44	1,099.44	1,091.87	7.57	145.169	
300.00	300.00	348.40	348.33	3.35	3.37	-143.46	1.39	-1,096.11	1,097.57	1,089.89	7.68	142.882	
400.00	399.93	497.61	497.08	3.42	3.49	-143.98	-4.38	-1,086.04	1,093.63	1,085.79	7.84	139.429	
500.00	499.68	645.49	643.70	3.51	3.68	-144.87	-13.90	-1,069.46	1,088.12	1,080.05	8.07	134.797	
600.00	599.13	768.74	765.09	3.62	3.90	-145.91	-24.51	-1,050.97	1,081.75	1,073.40	8.35	129.568	
700.00	698.15	867.14	861.86	3.76	4.11	-146.86	-33.37	-1,035.54	1,077.94	1,069.28	8.66	124.481	
767.65	764.84	933.55	927.18	3.88	4.27	-147.54	-39.35	-1,025.12	1,077.19	1,068.29	8.90	121.051 CC, ES	
800.00	796.63	965.25	958.35	3.94	4.35	-147.87	-42.20	-1,020.15	1,077.36	1,068.34	9.02	119.455	
900.00	894.53	1,063.01	1,054.50	4.15	4.61	-148.95	-51.00	-1,004.81	1,079.77	1,070.34	9.43	114.562	
1,000.00	992.33	1,160.71	1,150.60	4.40	4.89	-150.04	-59.80	-989.49	1,082.98	1,073.11	9.87	109.739	
1,100.00	1,090.13	1,258.42	1,246.69	4.68	5.18	-151.13	-68.60	-974.16	1,086.60	1,076.25	10.34	105.038	
1,200.00	1,187.94	1,356.12	1,342.78	4.97	5.48	-152.20	-77.39	-958.84	1,090.62	1,079.77	10.85	100.553	
1,300.00	1,285.74	1,453.82	1,438.87	5.28	5.80	-153.27	-86.19	-943.51	1,095.04	1,083.67	11.38	96.267	
1,400.00	1,383.54	1,551.53	1,534.96	5.60	6.13	-154.34	-94.98	-928.18	1,099.86	1,087.94	11.92	92.247	
1,500.00	1,481.35	1,649.23	1,631.05	5.94	6.46	-155.39	-103.78	-912.86	1,105.07	1,092.58	12.49	88.484	
1,600.00	1,579.15	1,746.93	1,727.15	6.29	6.80	-156.43	-112.58	-897.53	1,110.66	1,097.59	13.07	84.977	
1,700.00	1,676.96	1,844.64	1,823.24	6.64	7.07	-157.46	-121.37	-882.21	1,116.64	1,103.21	13.43	83.170	
1,800.00	1,774.76	1,942.34	1,919.33	7.01	7.19	-158.48	-130.17	-866.88	1,122.98	1,109.16	13.82	81.234	
1,900.00	1,872.56	2,040.04	2,015.42	7.21	7.24	-159.49	-138.96	-851.55	1,129.69	1,115.88	13.81	81.784	
2,000.00	1,970.37	2,137.74	2,111.51	7.26	7.31	-160.49	-147.76	-836.23	1,136.76	1,122.87	13.90	81.797	
2,100.00	2,068.17	2,235.45	2,207.60	7.32	7.39	-161.48	-156.56	-820.90	1,144.19	1,130.17	14.01	81.645	
2,200.00	2,165.98	2,333.15	2,303.70	7.41	7.48	-162.45	-165.35	-805.58	1,151.96	1,137.80	14.16	81.335	
2,300.00	2,263.78	2,430.85	2,399.79	7.51	7.59	-163.41	-174.15	-790.25	1,160.07	1,145.73	14.34	80.879	
2,400.00	2,361.58	2,528.56	2,495.88	7.62	7.71	-164.36	-182.94	-774.92	1,168.51	1,153.96	14.55	80.291	
2,500.00	2,459.39	2,626.26	2,591.97	7.75	7.85	-165.29	-191.74	-759.60	1,177.28	1,162.49	14.79	79.586	
2,600.00	2,557.19	2,723.96	2,688.06	7.90	8.00	-166.21	-200.54	-744.27	1,186.37	1,171.31	15.06	78.780	
2,700.00	2,654.99	2,821.66	2,784.15	8.05	8.16	-167.12	-209.33	-728.94	1,195.76	1,180.41	15.35	77.889	
2,800.00	2,752.80	2,919.37	2,880.25	8.22	8.33	-168.01	-218.13	-713.62	1,205.46	1,189.79	15.67	76.930	
2,900.00	2,850.60	3,017.07	2,976.34	8.41	8.52	-168.89	-226.92	-698.29	1,215.46	1,199.45	16.01	75.916	
3,000.00	2,948.41	3,114.77	3,072.43	8.60	8.71	-169.76	-235.72	-682.97	1,225.75	1,209.37	16.37	74.862	
3,100.00	3,046.21	3,212.48	3,168.52	8.80	8.91	-170.61	-244.52	-667.64	1,236.31	1,219.56	16.76	73.780	
3,200.00	3,144.01	3,310.18	3,264.61	9.02	9.12	-171.45	-253.31	-652.31	1,247.16	1,230.00	17.16	72.681	
3,300.00	3,241.82	3,407.88	3,360.70	9.24	9.34	-172.27	-262.11	-636.99	1,258.27	1,240.69	17.58	71.575	
3,400.00	3,339.62	3,505.59	3,456.80	9.47	9.57	-173.08	-270.90	-621.66	1,269.64	1,251.62	18.02	70.470	
3,500.00	3,437.43	3,603.29	3,552.89	9.71	9.80	-173.87	-279.70	-606.34	1,281.26	1,262.79	18.47	69.373	
3,600.00	3,535.23	3,700.99	3,648.98	9.96	10.04	-174.65	-288.50	-591.01	1,293.13	1,274.19	18.94	68.289	
3,700.00	3,633.03	3,801.31	3,745.07	10.21	10.29	-175.42	-297.29	-575.68	1,305.24	1,285.82	19.42	67.200	
3,800.00	3,730.84	3,903.60	3,841.16	10.47	10.56	-176.17	-306.09	-560.36	1,317.58	1,297.66	19.93	66.118	
3,900.00	3,828.64	3,994.10	3,937.25	10.74	10.80	-176.91	-314.88	-545.03	1,330.15	1,309.74	20.41	65.160	
4,000.00	3,926.44	4,108.20	4,033.35	11.01	11.10	-177.64	-323.68	-529.71	1,342.95	1,321.97	20.97	64.034	
4,100.00	4,024.25	4,189.51	4,129.44	11.28	11.32	-178.35	-332.48	-514.38	1,355.95	1,334.50	21.45	63.205	
4,200.00	4,122.05	4,287.21	4,225.53	11.56	11.59	-179.05	-341.27	-499.05	1,369.16	1,347.18	21.99	62.270	
4,300.00	4,219.86	4,384.91	4,321.62	11.85	11.87	-179.74	-350.07	-483.73	1,382.58	1,360.05	22.53	61.366	
4,400.00	4,317.66	4,482.61	4,417.71	12.14	12.15	-179.59	-358.86	-468.40	1,396.19	1,373.11	23.08	60.492	
4,500.00	4,415.46	4,580.32	4,513.80	12.43	12.43	-178.93	-367.66	-453.08	1,409.99	1,386.36	23.64	59.648	
4,600.00	4,513.27	4,678.02	4,609.90	12.72	12.71	-178.28	-376.46	-437.75	1,423.98	1,399.78	24.20	58.834	
4,700.00	4,611.07	4,775.72	4,705.99	13.02	13.00	-177.65	-385.25	-422.42	1,438.15	1,413.38	24.77	58.049	
4,800.00	4,708.88	4,873.43	4,802.08	13.32	13.29	-177.02	-394.05	-407.10	1,452.49	1,427.14	25.35	57.292	
4,900.00	4,806.68	4,971.13	4,898.17	13.63	13.58	-176.41	-402.84	-391.77	1,467.00	1,441.07	25.94	56.564	
5,000.00	4,904.48	5,068.83	4,994.26	13.94	13.88	-175.81	-411.64	-376.45	1,481.68	1,455.16	26.52	55.863	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-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	5,002.29	5,166.54	5,090.35	14.25	14.18	175.23	-420.44	-361.12	1,496.52	1,469.40	27.12	55.188		
5,200.00	5,100.09	5,264.24	5,186.45	14.56	14.48	174.65	-429.23	-345.79	1,511.51	1,483.79	27.71	54.539		
5,300.00	5,197.90	5,361.94	5,282.54	14.87	14.78	174.08	-438.03	-330.47	1,526.65	1,498.33	28.32	53.915		
5,400.00	5,295.70	5,459.64	5,378.63	15.19	15.08	173.53	-446.82	-315.14	1,541.93	1,513.01	28.92	53.313		
5,500.00	5,393.50	5,557.35	5,474.72	15.51	15.39	172.98	-455.62	-299.82	1,557.36	1,527.83	29.53	52.735		
5,600.00	5,491.31	5,655.05	5,570.81	15.83	15.69	172.45	-464.42	-284.49	1,572.93	1,542.78	30.15	52.179		
5,700.00	5,589.11	5,752.75	5,666.90	16.15	16.00	171.93	-473.21	-269.16	1,588.63	1,557.86	30.76	51.643		
5,800.00	5,686.91	5,850.46	5,763.00	16.47	16.31	171.41	-482.01	-253.84	1,604.45	1,573.07	31.38	51.128		
5,900.00	5,784.72	5,948.16	5,859.09	16.80	16.62	170.91	-490.80	-238.51	1,620.41	1,588.40	32.00	50.631		
6,000.00	5,882.52	6,045.86	5,955.18	17.12	16.94	170.42	-499.60	-223.19	1,636.48	1,603.85	32.63	50.153		
6,100.00	5,980.33	6,143.56	6,051.27	17.45	17.25	169.93	-508.40	-207.86	1,652.68	1,619.42	33.26	49.693		
6,200.00	6,078.13	6,241.36	6,156.47	17.78	17.57	169.44	-517.19	-192.53	1,668.88	1,635.12	33.89	49.253		
6,300.00	6,175.93	6,338.16	6,250.27	18.11	17.89	168.95	-526.00	-177.20	1,685.08	1,650.36	34.52	48.813		
6,400.00	6,273.74	6,434.96	6,347.07	18.44	18.21	168.46	-534.82	-161.87	1,701.28	1,665.54	35.15	48.373		
6,499.99	6,371.53	6,531.75	6,443.86	18.77	18.53	167.97	-543.65	-146.54	1,717.48	1,680.72	35.78	47.933		
6,600.00	6,470.24	6,628.46	6,540.57	19.03	18.78	167.48	-552.48	-131.21	1,733.68	1,695.89	36.41	47.493		
6,700.00	6,569.10	6,725.16	6,637.27	19.19	18.93	166.99	-561.32	-115.88	1,749.88	1,710.99	37.04	47.053		
6,800.00	6,665.69	6,821.75	6,731.86	19.30	19.03	166.50	-570.17	-100.55	1,766.08	1,726.10	37.67	46.613		
6,900.00	6,757.63	6,912.69	6,819.80	19.34	19.06	166.01	-579.02	-85.22	1,782.28	1,741.11	38.30	46.173		
7,000.00	6,842.65	6,997.71	6,902.82	19.33	19.05	165.52	-587.87	-69.89	1,798.48	1,756.31	38.93	45.733		
7,100.00	6,918.67	7,069.02	7,000.83	19.30	19.02	165.03	-596.72	-54.56	1,814.68	1,771.51	39.56	45.293		
7,102.61	6,920.51	7,071.86	7,002.67	19.30	19.02	165.03	-596.72	-54.56	1,814.68	1,771.51	39.56	45.293		
7,200.00	6,983.80	7,135.15	7,065.96	19.25	18.97	164.54	-605.57	-39.23	1,830.88	1,786.71	40.19	44.853		
7,300.00	7,036.46	7,187.81	7,118.62	19.23	18.94	164.05	-614.42	-23.90	1,847.08	1,801.91	40.82	44.413		
7,400.00	7,075.33	7,216.69	7,147.50	19.26	18.97	163.56	-623.27	-8.57	1,863.28	1,817.11	41.45	43.973		
7,500.00	7,099.46	7,241.02	7,171.83	19.40	19.11	163.07	-632.12	7.76	1,879.48	1,832.31	42.08	43.533		
7,600.00	7,108.27	7,247.72	7,098.14	19.68	19.38	162.58	-640.97	22.43	1,895.68	1,847.51	42.71	43.093		
7,700.00	7,105.75	7,241.13	7,090.30	20.11	19.81	162.09	-649.82	37.10	1,911.88	1,862.71	43.34	42.653		
7,800.00	7,102.70	7,211.50	7,011.85	20.71	19.41	161.60	-658.67	51.77	1,928.08	1,877.91	43.97	42.213		
7,872.87	7,100.48	7,148.51	6,974.73	21.23	19.93	161.11	-667.52	66.44	1,944.28	1,893.11	44.60	41.773		
7,900.00	7,099.65	7,127.21	6,961.07	21.43	20.13	160.62	-676.37	81.11	1,960.48	1,908.31	45.23	41.333		
8,000.00	7,096.60	7,057.87	6,912.97	22.26	20.85	160.13	-685.22	95.78	1,976.68	1,923.51	45.86	40.893		
8,100.00	7,093.55	7,001.09	6,869.76	23.18	20.49	159.64	-694.07	110.45	1,992.88	1,938.71	46.49	40.453		
8,200.00	7,090.50	6,954.43	6,831.94	24.18	20.22	159.15	-702.92	125.12	2,009.08	1,953.91	47.12	40.013		
8,300.00	7,087.45	6,915.80	6,799.20	25.24	20.00	158.66	-711.77	139.79	2,025.28	1,969.11	47.75	39.573		
8,400.00	7,084.40	6,883.51	6,770.93	26.37	19.84	158.17	-720.62	154.46	2,041.48	1,984.31	48.38	39.133		
8,500.00	7,081.35	6,850.00	6,740.82	27.55	19.67	157.68	-729.47	169.13	2,057.68	1,999.51	49.01	38.693		
8,600.00	7,078.30	6,833.01	6,725.27	28.78	19.59	157.19	-738.32	183.80	2,073.88	2,014.71	49.64	38.253		
8,700.00	7,075.25	6,813.01	6,706.75	30.05	19.50	156.70	-747.17	198.47	2,090.08	2,030.91	50.27	37.813		
8,800.00	7,072.20	6,800.00	6,694.58	31.36	19.45	156.21	-756.02	213.14	2,106.28	2,046.11	50.90	37.373		
8,900.00	7,069.15	6,780.47	6,676.15	32.70	19.37	155.72	-764.87	227.81	2,122.48	2,061.31	51.53	36.933		
9,000.00	7,066.10	6,767.08	6,663.41	34.07	19.31	155.23	-773.72	242.48	2,138.68	2,076.51	52.16	36.493		
9,100.00	7,063.05	6,750.00	6,647.05	35.46	19.24	154.74	-782.57	257.15	2,154.88	2,091.71	52.79	36.053		
9,200.00	7,060.00	6,730.00	6,627.00	36.87	19.17	154.25	-791.42	271.82	2,171.08	2,106.91	53.42	35.613		
9,300.00	7,056.95	6,735.09	6,632.66	38.31	19.19	153.76	-800.27	286.49	2,187.28	2,122.11	54.05	35.173		
9,400.00	7,053.90	6,726.51	6,624.34	39.76	19.16	153.27	-809.12	301.16	2,203.48	2,137.31	54.68	34.733		
9,500.00	7,050.85	6,718.72	6,616.77	41.23	19.13	152.78	-817.97	315.83	2,219.68	2,152.51	55.31	34.293		
9,600.00	7,047.80	6,700.00	6,598.49	42.72	19.06	152.29	-826.82	330.50	2,235.88	2,167.71	55.94	33.853		
9,700.00	7,044.75	6,700.00	6,598.49	44.22	19.06	151.80	-835.67	345.17	2,252.08	2,182.91	56.57	33.413		
9,800.00	7,041.70	6,700.00	6,598.49	45.73	19.06	151.31	-844.52	359.84	2,268.28	2,198.11	57.20	32.973		
9,900.00	7,038.65	6,693.75	6,592.37	47.25	19.04	150.82	-853.37	374.51	2,284.48	2,213.31	57.83	32.533		
10,000.00	7,035.60	6,683.48	6,582.28	48.78	19.01	150.33	-862.22	389.18	2,300.68	2,228.51	58.46	32.093		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 36N-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	
10,100.00	7,032.55	6,685.76	6,584.52	50.32	19.02	-69.99	-557.21	-122.81	2,481.31	2,434.25	47.06	52.731	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - BRANDONDI 1 - PDC SI Well - Actual MS Energy Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7000-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	6,947.15	7,054.71	7,053.70	95.24	18.66	-95.21	-428.39	-7,004.63	2,444.88	2,369.22	75.66	32.316	
13,000.00	6,944.10	7,051.49	7,050.48	96.87	18.64	-95.07	-428.51	-7,004.64	2,360.48	2,282.37	78.11	30.220	
13,100.00	6,941.05	7,048.27	7,047.26	98.51	18.62	-94.92	-428.64	-7,004.64	2,277.35	2,196.62	80.73	28.209	
13,200.00	6,938.00	7,045.05	7,044.04	100.15	18.59	-94.78	-428.77	-7,004.65	2,195.61	2,112.09	83.52	26.288	
13,300.00	6,934.95	7,041.83	7,040.82	101.79	18.57	-94.64	-428.89	-7,004.65	2,115.44	2,028.95	86.50	24.457	
13,400.00	6,931.90	7,038.60	7,037.60	103.43	18.55	-94.49	-429.02	-7,004.66	2,037.02	1,947.37	89.66	22.720	
13,500.00	6,928.85	7,035.38	7,034.38	105.08	18.53	-94.35	-429.14	-7,004.67	1,960.56	1,867.55	93.02	21.077	
13,600.00	6,925.80	7,032.16	7,031.16	106.72	18.51	-94.21	-429.27	-7,004.67	1,886.30	1,789.72	96.58	19.531	
13,700.00	6,922.75	7,028.94	7,027.94	108.36	18.49	-94.06	-429.39	-7,004.68	1,814.51	1,714.17	100.34	18.084	
13,800.00	6,919.70	7,025.72	7,024.72	110.01	18.46	-93.92	-429.52	-7,004.68	1,745.49	1,641.20	104.29	16.737	
13,900.00	6,916.65	7,022.49	7,021.51	111.66	18.44	-93.78	-429.64	-7,004.69	1,679.58	1,571.16	108.42	15.491	
14,000.00	6,913.60	7,019.27	7,018.29	113.30	18.42	-93.63	-429.77	-7,004.70	1,617.17	1,504.46	112.70	14.349	
14,100.00	6,910.55	7,016.05	7,015.07	114.95	18.40	-93.49	-429.89	-7,004.70	1,558.67	1,441.56	117.11	13.310	
14,200.00	6,907.50	7,012.83	7,011.85	116.60	18.38	-93.35	-430.02	-7,004.71	1,504.54	1,382.97	121.57	12.376	
14,300.00	6,904.45	7,009.61	7,008.63	118.25	18.36	-93.20	-430.14	-7,004.71	1,455.27	1,329.24	126.04	11.546	
14,400.00	6,901.40	7,006.38	7,005.41	119.90	18.33	-93.06	-430.27	-7,004.72	1,411.38	1,280.96	130.41	10.823	
14,500.00	6,898.35	7,003.16	7,002.19	121.55	18.31	-92.92	-430.39	-7,004.72	1,373.36	1,238.77	134.59	10.204	
14,600.00	6,895.30	7,000.06	6,998.97	123.20	18.29	-92.77	-430.52	-7,004.73	1,341.73	1,203.27	138.46	9.691	
14,700.00	6,892.25	7,003.28	6,995.75	124.85	18.31	-92.63	-430.64	-7,004.74	1,316.94	1,175.00	141.94	9.278	
14,800.00	6,889.20	7,006.51	6,992.53	126.50	18.34	-92.49	-430.77	-7,004.74	1,299.39	1,154.52	144.87	8.970	
14,900.00	6,886.15	7,009.73	6,989.31	128.15	18.36	-92.34	-430.89	-7,004.75	1,289.36	1,142.22	147.14	8.763	
14,979.87	6,883.71	6,987.70	6,986.74	129.47	18.27	-92.23	-430.99	-7,004.75	1,286.89	1,138.55	148.34	8.675 CC	
15,000.00	6,883.10	6,987.05	6,986.09	129.81	18.27	-92.20	-431.02	-7,004.75	1,287.05	1,138.46	148.59	8.662 ES	
15,100.00	6,880.05	6,983.83	6,982.87	131.46	18.26	-92.06	-431.14	-7,004.76	1,292.48	1,143.12	149.36	8.654 SF	
15,200.00	6,877.00	6,980.61	6,979.65	133.11	18.26	-91.91	-431.27	-7,004.77	1,305.56	1,156.19	149.37	8.740	
15,300.00	6,873.95	6,977.38	6,976.43	134.77	18.25	-91.77	-431.39	-7,004.77	1,326.07	1,177.39	148.68	8.919	
15,400.00	6,870.90	6,974.16	6,973.21	136.42	18.25	-91.63	-431.52	-7,004.78	1,353.67	1,206.32	147.35	9.187	
15,500.00	6,867.85	6,970.94	6,969.99	138.08	18.24	-91.48	-431.65	-7,004.78	1,387.93	1,242.44	145.48	9.540	
15,562.16	6,865.95	6,968.94	6,967.99	139.11	18.24	-91.39	-431.72	-7,004.79	1,412.37	1,268.27	144.10	9.801	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys												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	
11,600.00	6,986.80	6,964.72	6,904.71	74.09	15.54	90.04	2,355.63	-5,553.81	2,452.53	2,391.75	60.77	40.356	
11,700.00	6,983.75	6,963.05	6,903.04	75.70	15.54	89.97	2,355.59	-5,553.79	2,374.34	2,311.21	63.13	37.609	
11,800.00	6,980.70	6,961.38	6,901.37	77.32	15.54	89.91	2,355.56	-5,553.77	2,297.85	2,232.20	65.64	35.005	
11,900.00	6,977.65	6,959.70	6,899.69	78.94	15.53	89.85	2,355.52	-5,553.75	2,223.22	2,154.91	68.31	32.546	
12,000.00	6,974.60	6,958.02	6,898.01	80.56	15.53	89.78	2,355.48	-5,553.72	2,150.65	2,079.52	71.13	30.234	
12,100.00	6,971.55	6,956.33	6,896.33	82.19	15.53	89.72	2,355.45	-5,553.70	2,080.36	2,006.25	74.12	28.069	
12,200.00	6,968.50	6,954.64	6,894.64	83.81	15.52	89.65	2,355.41	-5,553.68	2,012.58	1,935.33	77.26	26.051	
12,300.00	6,965.45	6,952.95	6,892.94	85.44	15.52	89.59	2,355.37	-5,553.66	1,947.58	1,867.03	80.55	24.180	
12,400.00	6,962.40	6,951.25	6,891.24	87.07	15.51	89.52	2,355.34	-5,553.63	1,885.64	1,801.67	83.98	22.454	
12,500.00	6,959.35	6,949.54	6,889.54	88.70	15.51	89.46	2,355.30	-5,553.61	1,827.08	1,739.55	87.53	20.873	
12,600.00	6,956.30	6,947.84	6,887.83	90.33	15.51	89.39	2,355.27	-5,553.59	1,772.22	1,681.04	91.19	19.435	
12,700.00	6,953.25	6,946.13	6,886.12	91.96	15.50	89.33	2,355.23	-5,553.57	1,721.43	1,626.52	94.91	18.137	
12,800.00	6,950.20	6,944.41	6,884.41	93.60	15.50	89.26	2,355.19	-5,553.54	1,675.08	1,576.41	98.67	16.977	
12,900.00	6,947.15	6,942.69	6,882.69	95.24	15.50	89.20	2,355.16	-5,553.52	1,633.53	1,531.13	102.40	15.952	
13,000.00	6,944.10	6,940.97	6,880.97	96.87	15.49	89.13	2,355.12	-5,553.50	1,597.18	1,491.12	106.06	15.059	
13,100.00	6,941.05	6,939.24	6,879.24	98.51	15.49	89.07	2,355.08	-5,553.48	1,566.37	1,456.79	109.58	14.295	
13,200.00	6,938.00	6,937.51	6,877.51	100.15	15.49	89.00	2,355.04	-5,553.45	1,541.44	1,428.56	112.88	13.655	
13,300.00	6,934.95	6,935.77	6,875.77	101.79	15.48	88.94	2,355.01	-5,553.43	1,522.68	1,406.77	115.91	13.136	
13,400.00	6,931.90	6,934.03	6,874.03	103.43	15.48	88.87	2,354.97	-5,553.41	1,510.32	1,391.72	118.60	12.734	
13,500.00	6,928.85	6,932.29	6,872.29	105.08	15.47	88.80	2,354.93	-5,553.39	1,504.52	1,383.63	120.89	12.445	
13,537.48	6,927.70	6,931.63	6,871.63	105.69	15.47	88.78	2,354.92	-5,553.38	1,504.05	1,382.41	121.64	12.365 CC, ES	
13,600.00	6,925.80	6,930.54	6,870.54	106.72	15.47	88.74	2,354.90	-5,553.36	1,505.35	1,382.60	122.75	12.264	
13,700.00	6,922.75	6,928.78	6,868.79	108.36	15.47	88.67	2,354.86	-5,553.34	1,512.81	1,388.66	124.15	12.186 SF	
13,800.00	6,919.70	6,927.03	6,867.03	110.01	15.46	88.60	2,354.82	-5,553.32	1,526.79	1,401.71	125.08	12.206	
13,900.00	6,916.65	6,925.26	6,865.27	111.66	15.46	88.54	2,354.78	-5,553.30	1,547.11	1,421.55	125.56	12.322	
14,000.00	6,913.60	6,923.50	6,863.50	113.30	15.46	88.47	2,354.75	-5,553.27	1,573.54	1,447.92	125.62	12.526	
14,100.00	6,910.55	6,921.73	6,861.73	114.95	15.45	88.40	2,354.71	-5,553.25	1,605.77	1,480.48	125.30	12.816	
14,200.00	6,907.50	6,919.95	6,859.96	116.60	15.45	88.33	2,354.67	-5,553.23	1,643.47	1,518.82	124.64	13.186	
14,300.00	6,904.45	6,918.17	6,858.18	118.25	15.45	88.26	2,354.63	-5,553.21	1,686.25	1,562.55	123.70	13.632	
14,400.00	6,901.40	6,916.39	6,856.39	119.90	15.44	88.20	2,354.59	-5,553.18	1,733.75	1,611.22	122.53	14.149	
14,500.00	6,898.35	6,914.60	6,854.61	121.55	15.44	88.13	2,354.56	-5,553.16	1,785.59	1,664.41	121.18	14.735	
14,600.00	6,895.30	6,912.81	6,852.81	123.20	15.43	88.06	2,354.52	-5,553.14	1,841.41	1,721.71	119.70	15.384	
14,700.00	6,892.25	6,911.01	6,851.02	124.85	15.43	87.99	2,354.48	-5,553.12	1,900.85	1,782.73	118.12	16.093	
14,800.00	6,889.20	6,909.21	6,849.22	126.50	15.43	87.92	2,354.44	-5,553.09	1,963.58	1,847.10	116.47	16.858	
14,900.00	6,886.15	6,907.40	6,847.41	128.15	15.42	87.85	2,354.40	-5,553.07	2,029.30	1,914.50	114.80	17.677	
15,000.00	6,883.10	6,905.59	6,845.60	129.81	15.42	87.79	2,354.36	-5,553.05	2,097.73	1,984.62	113.11	18.545	
15,100.00	6,880.05	6,903.77	6,843.78	131.46	15.41	87.72	2,354.32	-5,553.02	2,168.61	2,057.18	111.44	19.460	
15,200.00	6,877.00	6,901.95	6,841.97	133.11	15.41	87.65	2,354.29	-5,553.00	2,241.72	2,131.93	109.79	20.419	
15,300.00	6,873.95	6,900.13	6,840.14	134.77	15.41	87.58	2,354.25	-5,552.98	2,316.83	2,208.66	108.17	21.419	
15,400.00	6,870.90	6,898.41	6,838.42	136.42	15.40	87.51	2,354.21	-5,552.96	2,393.76	2,287.17	106.59	22.458	
15,500.00	6,867.85	6,896.68	6,836.69	138.08	15.40	87.45	2,354.17	-5,552.94	2,472.34	2,367.28	105.06	23.534	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,200.00	6,999.00	7,071.72	6,941.01	67.66	16.17	111.27	951.52	-5,645.71	2,426.46	2,391.41	35.06	69.217		
11,300.00	6,995.95	7,069.97	6,939.26	69.26	16.17	110.39	951.55	-5,645.69	2,326.56	2,291.46	35.10	66.283		
11,400.00	6,992.90	7,068.24	6,937.53	70.87	16.17	109.51	951.58	-5,645.66	2,226.67	2,191.53	35.15	63.351		
11,500.00	6,989.85	7,066.53	6,935.82	72.48	16.16	108.63	951.61	-5,645.63	2,126.79	2,091.59	35.20	60.423		
11,600.00	6,986.80	7,064.84	6,934.13	74.09	16.16	107.76	951.64	-5,645.61	2,026.92	1,991.67	35.25	57.498		
11,700.00	6,983.75	7,063.17	6,932.46	75.70	16.16	106.88	951.67	-5,645.58	1,927.06	1,891.75	35.31	54.575		
11,800.00	6,980.70	7,061.53	6,930.82	77.32	16.15	106.01	951.70	-5,645.55	1,827.22	1,791.84	35.37	51.655		
11,900.00	6,977.65	7,059.90	6,929.19	78.94	16.15	105.15	951.72	-5,645.53	1,727.39	1,691.95	35.44	48.736		
12,000.00	6,974.60	7,058.29	6,927.58	80.56	16.15	104.28	951.75	-5,645.50	1,627.58	1,592.06	35.52	45.818		
12,100.00	6,971.55	7,056.70	6,925.99	82.19	16.14	103.42	951.78	-5,645.48	1,527.80	1,492.18	35.61	42.900		
12,200.00	6,968.50	7,055.13	6,924.43	83.81	16.14	102.57	951.81	-5,645.45	1,428.04	1,392.32	35.72	39.980		
12,300.00	6,965.45	7,053.58	6,922.88	85.44	16.14	101.72	951.84	-5,645.43	1,328.32	1,292.47	35.85	37.056		
12,400.00	6,962.40	7,052.05	6,921.34	87.07	16.14	100.88	951.86	-5,645.40	1,228.64	1,192.64	36.00	34.126		
12,500.00	6,959.35	7,050.54	6,919.83	88.70	16.13	100.04	951.89	-5,645.38	1,129.02	1,092.81	36.20	31.187		
12,600.00	6,956.30	7,049.04	6,918.33	90.33	16.13	99.21	951.92	-5,645.35	1,029.46	993.00	36.46	28.234		
12,700.00	6,953.25	7,047.56	6,916.85	91.96	16.13	98.38	951.95	-5,645.33	930.00	893.19	36.81	25.262		
12,800.00	6,950.20	7,046.09	6,915.39	93.60	16.12	97.56	951.97	-5,645.31	830.67	793.37	37.31	22.266		
12,900.00	6,947.15	7,044.65	6,913.94	95.24	16.12	96.75	952.00	-5,645.28	731.52	693.50	38.03	19.238		
13,000.00	6,944.10	7,043.22	6,912.51	96.87	16.12	95.94	952.02	-5,645.26	632.64	593.52	39.12	16.174		
13,100.00	6,941.05	7,041.80	6,911.10	98.51	16.12	95.14	952.05	-5,645.23	534.16	493.31	40.85	13.076		
13,200.00	6,938.00	7,040.41	6,909.70	100.15	16.11	94.35	952.08	-5,645.21	436.37	392.61	43.76	9.971		
13,300.00	6,934.95	7,039.02	6,908.32	101.79	16.11	93.57	952.10	-5,645.19	339.87	290.87	49.00	6.936		
13,400.00	6,931.90	7,037.66	6,906.95	103.43	16.11	92.79	952.13	-5,645.16	246.16	186.92	59.24	4.155		
13,500.00	6,928.85	7,036.30	6,905.60	105.08	16.10	92.02	952.15	-5,645.14	160.25	78.96	81.29	1.971		
13,600.00	6,925.80	7,034.97	6,904.26	106.72	16.10	91.26	952.18	-5,645.12	103.73	-15.36	119.09	0.871 Level 1		
13,624.62	6,925.05	7,034.64	6,903.94	107.12	16.10	91.08	952.18	-5,645.11	100.76	-22.56	123.33	0.817 Level 1, CC, ES, SF		
13,700.00	6,922.75	7,033.64	6,902.94	108.36	16.10	90.51	952.20	-5,645.09	125.84	19.58	106.26	1.184 Level 2		
13,800.00	6,919.70	7,032.33	6,901.63	110.01	16.10	89.77	952.23	-5,645.07	202.26	124.89	77.37	2.614		
13,900.00	6,916.65	7,031.04	6,900.34	111.66	16.09	89.03	952.25	-5,645.05	293.22	230.33	62.89	4.662		
14,000.00	6,913.60	7,029.76	6,899.06	113.30	16.09	88.30	952.28	-5,645.03	388.64	333.28	55.36	7.020		
14,100.00	6,910.55	7,028.49	6,897.79	114.95	16.09	87.58	952.30	-5,645.00	485.91	434.90	51.00	9.527		
14,200.00	6,907.50	7,027.24	6,896.54	116.60	16.09	86.88	952.32	-5,644.98	584.09	535.83	48.26	12.103		
14,300.00	6,904.45	7,026.00	6,895.30	118.25	16.08	86.17	952.35	-5,644.96	682.80	636.38	46.43	14.707		
14,400.00	6,901.40	7,024.77	6,894.07	119.90	16.08	85.48	952.37	-5,644.94	781.84	736.69	45.15	17.317		
14,500.00	6,898.35	7,023.56	6,892.86	121.55	16.08	84.80	952.39	-5,644.92	881.09	836.87	44.22	19.923		
14,600.00	6,895.30	7,022.35	6,891.66	123.20	16.08	84.13	952.42	-5,644.90	980.49	936.95	43.54	22.518		
14,700.00	6,892.25	7,021.16	6,890.47	124.85	16.07	83.46	952.44	-5,644.87	1,080.01	1,036.98	43.03	25.099		
14,800.00	6,889.20	7,019.99	6,889.29	126.50	16.07	82.80	952.46	-5,644.85	1,179.60	1,136.96	42.64	27.665		
14,900.00	6,886.15	7,018.82	6,888.13	128.15	16.07	82.16	952.49	-5,644.83	1,279.25	1,236.92	42.34	30.215		
15,000.00	6,883.10	7,017.67	6,886.97	129.81	16.07	81.52	952.51	-5,644.81	1,378.96	1,336.85	42.11	32.749		
15,100.00	6,880.05	7,016.53	6,885.83	131.46	16.07	80.89	952.53	-5,644.79	1,478.70	1,436.77	41.93	35.266		
15,200.00	6,877.00	7,015.40	6,884.70	133.11	16.06	80.27	952.55	-5,644.77	1,578.48	1,536.68	41.80	37.766		
15,300.00	6,873.95	7,014.28	6,883.58	134.77	16.06	79.65	952.57	-5,644.75	1,678.28	1,636.58	41.70	40.250		
15,400.00	6,870.90	7,013.17	6,882.48	136.42	16.06	79.05	952.60	-5,644.73	1,778.10	1,736.47	41.62	42.717		
15,500.00	6,867.85	7,012.07	6,881.38	138.08	16.06	78.45	952.62	-5,644.71	1,877.94	1,836.36	41.58	45.169		
15,562.16	6,865.95	7,011.40	6,880.70	139.11	16.06	78.09	952.63	-5,644.70	1,940.01	1,898.45	41.56	46.684		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (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	
11,600.00	6,986.80	7,217.97	6,759.35	74.09	24.66	-83.29	-339.71	-5,728.36	2,426.22	2,362.34	63.88	37.982	
11,700.00	6,983.75	11,700.00	6,728.50	75.70	31.49	-81.80	-334.65	-5,728.00	2,339.81	2,266.50	73.31	31.916	
11,800.00	6,980.70	7,217.23	6,758.62	77.32	24.66	-83.25	-339.57	-5,728.35	2,254.53	2,186.97	67.56	33.372	
11,900.00	6,977.65	7,213.36	6,754.79	78.94	24.66	-83.07	-338.99	-5,728.31	2,170.51	2,100.93	69.57	31.198	
12,000.00	6,974.60	7,209.52	6,751.00	80.56	24.65	-82.89	-338.41	-5,728.27	2,087.89	2,016.15	71.73	29.106	
12,100.00	6,971.55	7,205.74	6,747.26	82.19	24.65	-82.70	-337.83	-5,728.23	2,006.85	1,932.80	74.06	27.099	
12,200.00	6,968.50	7,202.00	6,743.56	83.81	24.64	-82.53	-337.25	-5,728.19	1,927.59	1,851.05	76.54	25.183	
12,300.00	6,965.45	7,198.30	6,739.91	85.44	24.64	-82.35	-336.68	-5,728.15	1,850.34	1,771.13	79.21	23.361	
12,400.00	6,962.40	7,194.64	6,736.30	87.07	24.63	-82.17	-336.11	-5,728.11	1,775.36	1,693.30	82.05	21.637	
12,500.00	6,959.35	7,191.03	6,732.73	88.70	24.63	-82.00	-335.54	-5,728.07	1,702.94	1,617.86	85.08	20.015	
12,600.00	6,956.30	7,187.46	6,729.21	90.33	24.62	-81.83	-334.97	-5,728.03	1,633.44	1,545.14	88.29	18.500	
12,700.00	6,953.25	7,183.93	6,725.72	91.96	24.61	-81.66	-334.40	-5,727.99	1,567.23	1,475.54	91.68	17.094	
12,800.00	6,950.20	7,180.44	6,722.28	93.60	24.61	-81.50	-333.84	-5,727.95	1,504.75	1,409.52	95.23	15.801	
12,900.00	6,947.15	7,176.99	6,718.87	95.24	24.60	-81.33	-333.28	-5,727.91	1,446.49	1,347.58	98.91	14.624	
13,000.00	6,944.10	7,173.57	6,715.51	96.87	24.60	-81.17	-332.72	-5,727.87	1,392.98	1,290.29	102.69	13.565	
13,100.00	6,941.05	7,170.20	6,712.18	98.51	24.59	-81.01	-332.16	-5,727.83	1,344.78	1,238.27	106.51	12.626	
13,200.00	6,938.00	7,166.86	6,708.89	100.15	24.59	-80.85	-331.61	-5,727.79	1,302.48	1,192.19	110.29	11.810	
13,300.00	6,934.95	7,163.56	6,705.64	101.79	24.58	-80.69	-331.05	-5,727.75	1,266.67	1,152.73	113.94	11.117	
13,400.00	6,931.90	7,160.30	6,702.42	103.43	24.58	-80.53	-330.50	-5,727.71	1,237.92	1,120.55	117.37	10.547	
13,500.00	6,928.85	7,157.07	6,699.24	105.08	24.57	-80.38	-329.96	-5,727.68	1,216.73	1,096.28	120.46	10.101	
13,600.00	6,925.80	7,153.88	6,696.09	106.72	24.57	-80.23	-329.41	-5,727.64	1,203.50	1,080.42	123.09	9.778	
13,700.00	6,922.75	7,150.72	6,692.98	108.36	24.56	-80.08	-328.87	-5,727.60	1,198.49	1,073.33	125.16	9.575	
13,710.22	6,922.44	7,150.40	6,692.66	108.53	24.56	-80.06	-328.81	-5,727.59	1,198.45	1,073.10	125.34	9.561 CC, ES	
13,800.00	6,919.70	7,147.59	6,689.90	110.01	24.56	-79.93	-328.33	-5,727.56	1,201.80	1,075.19	126.62	9.492 SF	
13,900.00	6,916.65	7,144.50	6,686.86	111.66	24.56	-79.78	-327.79	-5,727.52	1,213.37	1,085.96	127.41	9.523	
14,000.00	6,913.60	7,141.44	6,683.85	113.30	24.55	-79.63	-327.25	-5,727.48	1,232.96	1,105.41	127.56	9.666	
14,100.00	6,910.55	7,138.42	6,680.87	114.95	24.55	-79.49	-326.72	-5,727.44	1,260.21	1,133.11	127.09	9.916	
14,200.00	6,907.50	7,135.42	6,677.92	116.60	24.54	-79.34	-326.19	-5,727.41	1,294.62	1,168.52	126.10	10.267	
14,300.00	6,904.45	7,132.46	6,675.01	118.25	24.54	-79.20	-325.66	-5,727.37	1,335.64	1,210.98	124.66	10.714	
14,400.00	6,901.40	7,129.53	6,672.12	119.90	24.53	-79.06	-325.14	-5,727.33	1,382.68	1,259.81	122.88	11.253	
14,500.00	6,898.35	7,126.63	6,669.27	121.55	24.53	-78.92	-324.61	-5,727.29	1,435.16	1,314.32	120.84	11.876	
14,600.00	6,895.30	7,123.76	6,666.45	123.20	24.52	-78.79	-324.09	-5,727.25	1,492.50	1,373.86	118.64	12.580	
14,700.00	6,892.25	7,120.92	6,663.65	124.85	24.52	-78.65	-323.58	-5,727.22	1,554.16	1,437.82	116.34	13.359	
14,800.00	6,889.20	7,118.10	6,660.89	126.50	24.52	-78.52	-323.06	-5,727.18	1,619.65	1,505.64	114.00	14.207	
14,900.00	6,886.15	7,115.32	6,658.15	128.15	24.51	-78.38	-322.55	-5,727.14	1,688.52	1,576.85	111.67	15.120	
15,000.00	6,883.10	7,112.56	6,655.45	129.81	24.51	-78.25	-322.04	-5,727.11	1,760.38	1,650.99	109.38	16.094	
15,100.00	6,880.05	7,109.84	6,652.77	131.46	24.50	-78.12	-321.53	-5,727.07	1,834.87	1,727.72	107.15	17.124	
15,200.00	6,877.00	7,107.14	6,650.11	133.11	24.50	-77.99	-321.02	-5,727.03	1,911.69	1,806.69	105.00	18.206	
15,300.00	6,873.95	7,104.46	6,647.49	134.77	24.50	-77.86	-320.52	-5,727.00	1,990.57	1,887.62	102.94	19.337	
15,400.00	6,870.90	7,101.81	6,644.89	136.42	24.49	-77.74	-320.02	-5,726.96	2,071.27	1,970.29	100.98	20.513	
15,500.00	6,867.85	7,099.25	6,642.37	138.08	24.49	-77.62	-319.53	-5,726.92	2,153.59	2,054.48	99.11	21.730	
15,562.16	6,865.95	7,097.75	6,640.90	139.11	24.49	-77.54	-319.25	-5,726.90	2,205.49	2,107.50	97.99	22.507	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - WILKEN 15-6 - PDC SI Well - No Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,029.50	7,069.50	7,069.50	51.86	248.74	-92.73	-475.76	-4,297.89	2,458.92	2,175.05	283.87	8.662	
10,300.00	7,026.45	7,066.45	7,066.45	53.42	248.63	-92.60	-475.76	-4,297.89	2,375.30	2,089.96	285.34	8.325	
10,400.00	7,023.40	7,063.40	7,063.40	54.98	248.52	-92.47	-475.76	-4,297.89	2,292.98	2,006.06	286.92	7.992	
10,500.00	7,020.35	7,060.35	7,060.35	56.55	248.42	-92.34	-475.76	-4,297.89	2,212.12	1,923.49	288.63	7.664	
10,600.00	7,017.30	7,057.30	7,057.30	58.12	248.31	-92.21	-475.76	-4,297.89	2,132.88	1,842.40	290.47	7.343	
10,700.00	7,014.25	7,054.25	7,054.25	59.70	248.20	-92.07	-475.76	-4,297.89	2,055.44	1,762.99	292.45	7.028	
10,800.00	7,011.20	7,051.20	7,051.20	61.28	248.09	-91.94	-475.76	-4,297.89	1,980.02	1,685.45	294.57	6.722	
10,900.00	7,008.15	7,048.15	7,048.15	62.87	247.98	-91.81	-475.76	-4,297.89	1,906.86	1,610.02	296.84	6.424	
11,000.00	7,005.10	7,045.10	7,045.10	64.46	247.87	-91.68	-475.76	-4,297.89	1,836.23	1,536.98	299.25	6.136	
11,100.00	7,002.05	7,042.05	7,042.05	66.06	247.77	-91.55	-475.76	-4,297.89	1,768.42	1,466.62	301.80	5.860	
11,200.00	6,999.00	7,039.00	7,039.00	67.66	247.66	-91.42	-475.76	-4,297.89	1,703.79	1,399.30	304.49	5.596	
11,300.00	6,995.95	7,035.95	7,035.95	69.26	247.55	-91.28	-475.76	-4,297.89	1,642.70	1,335.40	307.30	5.346	
11,400.00	6,992.90	7,032.90	7,032.90	70.87	247.44	-91.15	-475.76	-4,297.89	1,585.56	1,275.36	310.20	5.111	
11,500.00	6,989.85	7,029.85	7,029.85	72.48	247.33	-91.02	-475.76	-4,297.89	1,532.81	1,219.65	313.16	4.895	
11,600.00	6,986.80	7,026.80	7,026.80	74.09	247.23	-90.89	-475.76	-4,297.89	1,484.93	1,168.78	316.15	4.697	
11,700.00	6,983.75	7,023.75	7,023.75	75.70	247.12	-90.76	-475.76	-4,297.89	1,442.39	1,123.28	319.11	4.520	
11,800.00	6,980.70	7,020.70	7,020.70	77.32	247.01	-90.62	-475.76	-4,297.89	1,405.69	1,083.72	321.97	4.366	
11,900.00	6,977.65	7,017.65	7,017.65	78.94	246.90	-90.49	-475.76	-4,297.89	1,375.28	1,050.62	324.66	4.236	
12,000.00	6,974.60	7,014.60	7,014.60	80.56	246.79	-90.36	-475.76	-4,297.89	1,351.60	1,024.50	327.11	4.132	
12,100.00	6,971.55	7,011.55	7,011.55	82.19	246.69	-90.23	-475.76	-4,297.89	1,335.01	1,005.78	329.23	4.055	
12,200.00	6,968.50	7,008.50	7,008.50	83.81	246.58	-90.10	-475.76	-4,297.89	1,325.76	994.78	330.97	4.006	
12,273.16	6,966.27	7,006.27	7,006.27	85.00	246.50	-90.00	-475.76	-4,297.89	1,323.74	991.77	331.97	3.987 CC	
12,300.00	6,965.45	7,005.45	7,005.45	85.44	246.47	-89.96	-475.76	-4,297.89	1,324.01	991.73	332.28	3.985 ES, SF	
12,400.00	6,962.40	7,002.40	7,002.40	87.07	246.36	-89.83	-475.76	-4,297.89	1,329.80	996.67	333.13	3.992	
12,500.00	6,959.35	7,000.65	6,999.35	88.70	246.30	-89.70	-475.76	-4,297.89	1,343.02	1,009.47	333.55	4.026	
12,600.00	6,956.30	7,003.70	6,996.30	90.33	246.41	-89.57	-475.76	-4,297.89	1,363.45	1,029.76	333.70	4.086	
12,700.00	6,953.25	7,006.75	6,993.25	91.96	246.52	-89.44	-475.76	-4,297.89	1,390.79	1,057.36	333.44	4.171	
12,800.00	6,950.20	7,009.80	6,990.20	93.60	246.62	-89.30	-475.76	-4,297.89	1,424.64	1,091.82	332.82	4.281	
12,900.00	6,947.15	6,987.15	6,987.15	95.24	245.82	-89.17	-475.76	-4,297.89	1,464.53	1,133.54	330.99	4.425	
13,000.00	6,944.10	6,984.10	6,984.10	96.87	245.71	-89.04	-475.76	-4,297.89	1,510.00	1,180.37	329.63	4.581	
13,100.00	6,941.05	6,981.05	6,981.05	98.51	245.61	-88.91	-475.76	-4,297.89	1,560.55	1,232.46	328.09	4.757	
13,200.00	6,938.00	6,978.00	6,978.00	100.15	245.50	-88.78	-475.76	-4,297.89	1,615.71	1,289.28	326.42	4.950	
13,300.00	6,934.95	6,974.95	6,974.95	101.79	245.39	-88.65	-475.76	-4,297.89	1,675.02	1,350.34	324.69	5.159	
13,400.00	6,931.90	6,971.90	6,971.90	103.43	245.28	-88.51	-475.76	-4,297.89	1,738.06	1,415.15	322.91	5.382	
13,500.00	6,928.85	6,968.85	6,968.85	105.08	245.17	-88.38	-475.76	-4,297.89	1,804.44	1,483.32	321.13	5.619	
13,600.00	6,925.80	6,965.80	6,965.80	106.72	245.07	-88.25	-475.76	-4,297.89	1,873.80	1,554.44	319.36	5.867	
13,700.00	6,922.75	6,962.75	6,962.75	108.36	244.96	-88.12	-475.76	-4,297.89	1,945.83	1,628.20	317.63	6.126	
13,800.00	6,919.70	6,959.70	6,959.70	110.01	244.85	-87.99	-475.76	-4,297.89	2,020.23	1,704.29	315.94	6.394	
13,900.00	6,916.65	6,956.65	6,956.65	111.66	244.74	-87.85	-475.76	-4,297.89	2,096.76	1,782.45	314.31	6.671	
14,000.00	6,913.60	6,953.60	6,953.60	113.30	244.63	-87.72	-475.76	-4,297.89	2,175.20	1,862.45	312.74	6.955	
14,100.00	6,910.55	6,950.55	6,950.55	114.95	244.52	-87.59	-475.76	-4,297.89	2,255.33	1,944.09	311.24	7.246	
14,200.00	6,907.50	6,947.50	6,947.50	116.60	244.42	-87.46	-475.76	-4,297.89	2,336.99	2,027.20	309.79	7.544	
14,300.00	6,904.45	6,944.45	6,944.45	118.25	244.31	-87.33	-475.76	-4,297.89	2,420.03	2,111.61	308.42	7.847	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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		
5,500.00	5,393.50	15,867.40	7,161.68	15.51	262.12	135.03	-1,214.93	788.56	2,487.05	2,270.08	216.98	11.462		
5,600.00	5,491.31	15,886.20	7,162.08	15.83	262.68	134.52	-1,214.98	807.36	2,431.49	2,208.74	222.75	10.916		
5,700.00	5,589.11	15,905.00	7,162.48	16.15	263.23	134.00	-1,215.03	826.15	2,378.69	2,150.10	228.59	10.406		
5,800.00	5,686.91	15,923.79	7,162.88	16.47	263.79	133.49	-1,215.08	844.95	2,328.84	2,094.36	234.48	9.932		
5,900.00	5,784.72	15,942.59	7,163.28	16.80	264.34	132.97	-1,215.13	863.74	2,282.12	2,041.76	240.37	9.494		
6,000.00	5,882.52	15,961.39	7,163.68	17.12	264.89	132.45	-1,215.18	882.54	2,238.74	1,992.54	246.21	9.093		
6,100.00	5,980.33	15,980.19	7,164.08	17.45	265.45	131.93	-1,215.23	901.33	2,198.90	1,946.95	251.95	8.727		
6,200.00	6,078.13	16,001.01	7,164.48	17.78	266.06	131.42	-1,215.28	920.13	2,162.79	1,905.18	257.60	8.396		
6,300.00	6,175.93	16,017.79	7,164.88	18.11	266.56	130.90	-1,215.33	938.92	2,130.59	1,867.66	262.94	8.103		
6,400.00	6,273.74	16,036.59	7,165.28	18.44	267.11	130.38	-1,215.38	957.72	2,102.50	1,834.45	268.05	7.844		
6,499.99	6,371.53	16,055.39	7,165.68	18.77	267.67	129.86	-1,215.43	976.51	2,078.67	1,805.84	272.83	7.619		
6,600.00	6,470.24	16,066.41	7,165.91	19.03	267.99	175.60	-1,215.46	987.53	2,059.07	1,782.13	276.94	7.435		
6,700.00	6,569.10	16,061.77	7,165.82	19.19	267.85	-132.16	-1,215.45	982.89	2,044.07	1,763.99	280.07	7.298		
6,800.00	6,665.69	16,041.57	7,165.39	19.30	267.26	-114.47	-1,215.40	962.70	2,034.03	1,751.90	282.12	7.210		
6,900.00	6,757.63	16,006.31	7,164.63	19.34	266.22	-106.90	-1,215.30	927.45	2,028.81	1,745.76	283.05	7.168		
6,975.23	6,822.35	15,970.38	7,163.87	19.33	265.16	-103.22	-1,215.20	891.52	2,027.73	1,744.69	283.05	7.164	CC, ES, SF	
7,000.00	6,842.65	15,956.87	7,163.58	19.33	264.76	-102.19	-1,215.17	878.02	2,027.84	1,744.92	282.92	7.167		
7,100.00	6,918.67	15,905.54	7,162.25	19.30	263.25	-98.52	-1,215.00	815.62	2,030.15	1,747.95	282.20	7.194		
7,200.00	6,983.80	15,820.61	7,160.68	19.25	260.75	-95.41	-1,214.80	741.79	2,034.57	1,754.47	280.10	7.264		
7,300.00	7,036.46	15,737.15	7,158.90	19.23	258.29	-92.82	-1,214.57	658.35	2,039.83	1,762.02	277.82	7.342		
7,400.00	7,075.33	15,646.13	7,156.97	19.26	255.61	-90.81	-1,214.33	567.35	2,044.77	1,769.52	275.24	7.429		
7,500.00	7,099.46	15,549.79	7,154.91	19.40	252.77	-89.48	-1,214.07	471.03	2,048.40	1,775.83	272.57	7.515		
7,600.00	7,108.27	15,450.50	7,152.80	19.68	249.84	-88.93	-1,213.80	371.77	2,050.08	1,780.14	269.94	7.595		
7,700.00	7,105.75	15,350.51	7,150.67	20.11	246.90	-88.94	-1,213.53	271.79	2,050.13	1,782.68	267.44	7.666		
7,800.00	7,102.70	15,250.51	7,148.54	20.71	243.95	-88.96	-1,213.26	171.82	2,050.09	1,785.02	265.08	7.734		
7,900.00	7,099.65	15,150.52	7,146.41	21.43	241.01	-88.99	-1,212.99	71.85	2,050.06	1,787.23	262.83	7.800		
8,000.00	7,096.60	15,050.52	7,144.28	22.26	238.07	-89.01	-1,212.72	-28.12	2,050.03	1,789.34	260.69	7.864		
8,100.00	7,093.55	14,950.53	7,142.16	23.18	235.12	-89.04	-1,212.45	-128.10	2,050.00	1,791.36	258.64	7.926		
8,200.00	7,090.50	14,850.53	7,140.03	24.18	232.18	-89.06	-1,212.18	-228.07	2,049.98	1,793.30	256.68	7.987		
8,300.00	7,087.45	14,750.54	7,137.90	25.24	229.24	-89.09	-1,211.91	-328.04	2,049.95	1,795.16	254.79	8.046		
8,400.00	7,084.40	14,650.54	7,135.77	26.37	226.30	-89.12	-1,211.63	-428.01	2,049.92	1,796.95	252.97	8.103		
8,500.00	7,081.35	14,550.54	7,133.64	27.55	223.36	-89.14	-1,211.36	-527.99	2,049.89	1,798.69	251.20	8.160		
8,600.00	7,078.30	14,450.55	7,131.51	28.78	220.42	-89.17	-1,211.09	-627.96	2,049.86	1,800.38	249.49	8.216		
8,700.00	7,075.25	14,350.55	7,129.38	30.05	217.48	-89.19	-1,210.82	-727.93	2,049.84	1,802.02	247.82	8.272		
8,800.00	7,072.20	14,250.56	7,127.25	31.36	214.54	-89.22	-1,210.55	-827.91	2,049.81	1,803.62	246.19	8.326		
8,900.00	7,069.15	14,150.56	7,125.12	32.70	211.60	-89.24	-1,210.28	-927.88	2,049.78	1,805.19	244.59	8.380		
9,000.00	7,066.10	14,050.56	7,122.99	34.07	208.67	-89.27	-1,210.01	-1,027.85	2,049.76	1,806.73	243.02	8.434		
9,100.00	7,063.05	13,950.57	7,120.86	35.46	205.73	-89.30	-1,209.74	-1,127.82	2,049.73	1,808.25	241.48	8.488		
9,200.00	7,060.00	13,850.57	7,118.73	36.87	202.79	-89.32	-1,209.47	-1,227.80	2,049.71	1,809.74	239.97	8.542		
9,300.00	7,056.95	13,750.58	7,116.61	38.31	199.86	-89.35	-1,209.20	-1,327.77	2,049.68	1,811.21	238.48	8.595		
9,400.00	7,053.90	13,650.58	7,114.48	39.76	196.92	-89.37	-1,208.93	-1,427.74	2,049.66	1,812.66	237.00	8.648		
9,500.00	7,050.85	13,550.59	7,112.35	41.23	193.99	-89.40	-1,208.66	-1,527.71	2,049.64	1,814.09	235.54	8.702		
9,600.00	7,047.80	13,450.59	7,110.22	42.72	191.06	-89.42	-1,208.39	-1,627.69	2,049.61	1,815.51	234.10	8.755		
9,700.00	7,044.75	13,350.59	7,108.09	44.22	188.13	-89.45	-1,208.12	-1,727.66	2,049.59	1,816.91	232.68	8.809		
9,800.00	7,041.70	13,250.60	7,105.96	45.73	185.20	-89.48	-1,207.85	-1,827.63	2,049.57	1,818.30	231.26	8.863		
9,900.00	7,038.65	13,150.60	7,103.83	47.25	182.27	-89.50	-1,207.58	-1,927.60	2,049.55	1,819.68	229.86	8.916		
10,000.00	7,035.60	13,050.61	7,101.70	48.78	179.34	-89.53	-1,207.31	-2,027.58	2,049.52	1,821.05	228.47	8.971		
10,100.00	7,032.55	12,950.61	7,099.57	50.32	176.41	-89.55	-1,207.04	-2,127.55	2,049.50	1,822.41	227.09	9.025		
10,200.00	7,029.50	12,850.62	7,097.44	51.86	173.49	-89.58	-1,206.77	-2,227.52	2,049.48	1,823.77	225.72	9.080		
10,300.00	7,026.45	12,750.62	7,095.31	53.42	170.56	-89.60	-1,206.50	-2,327.50	2,049.46	1,825.11	224.35	9.135		
10,400.00	7,023.40	12,650.62	7,093.19	54.98	167.64	-89.63	-1,206.23	-2,427.47	2,049.44	1,826.44	223.00	9.190		
10,500.00	7,020.35	12,550.63	7,091.06	56.55	164.72	-89.66	-1,205.96	-2,527.44	2,049.42	1,827.77	221.65	9.246		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,600.00	7,017.30	12,450.63	7,088.93	58.12	161.80	-89.68	-1,205.69	-2,627.41	2,049.40	1,829.09	220.31	9.302		
10,700.00	7,014.25	12,350.64	7,086.80	59.70	158.88	-89.71	-1,205.42	-2,727.39	2,049.38	1,830.41	218.98	9.359		
10,800.00	7,011.20	12,250.64	7,084.67	61.28	155.96	-89.73	-1,205.15	-2,827.36	2,049.37	1,831.72	217.65	9.416		
10,900.00	7,008.15	12,150.65	7,082.54	62.87	153.05	-89.76	-1,204.87	-2,927.33	2,049.35	1,833.02	216.33	9.473		
11,000.00	7,005.10	12,050.65	7,080.41	64.46	150.13	-89.79	-1,204.60	-3,027.30	2,049.33	1,834.32	215.01	9.531		
11,100.00	7,002.05	11,950.65	7,078.28	66.06	147.22	-89.81	-1,204.33	-3,127.28	2,049.31	1,835.61	213.70	9.590		
11,200.00	6,999.00	11,850.66	7,076.15	67.66	144.31	-89.84	-1,204.06	-3,227.25	2,049.30	1,836.90	212.40	9.648		
11,300.00	6,995.95	11,750.66	7,074.02	69.26	141.41	-89.86	-1,203.79	-3,327.22	2,049.28	1,838.18	211.10	9.708		
11,400.00	6,992.90	11,650.67	7,071.89	70.87	138.50	-89.89	-1,203.52	-3,427.20	2,049.26	1,839.45	209.81	9.767		
11,500.00	6,989.85	11,550.67	7,069.77	72.48	135.60	-89.91	-1,203.25	-3,527.17	2,049.25	1,840.73	208.52	9.827		
11,600.00	6,986.80	11,450.68	7,067.64	74.09	132.70	-89.94	-1,202.98	-3,627.14	2,049.23	1,841.99	207.24	9.888		
11,700.00	6,983.75	11,350.68	7,065.51	75.70	129.80	-89.97	-1,202.71	-3,727.11	2,049.22	1,843.26	205.96	9.949		
11,800.00	6,980.70	11,250.68	7,063.38	77.32	126.91	-89.99	-1,202.44	-3,827.09	2,049.21	1,844.51	204.69	10.011		
11,900.00	6,977.65	11,150.69	7,061.25	78.94	124.02	-90.02	-1,202.17	-3,927.06	2,049.19	1,845.76	203.43	10.073		
12,000.00	6,974.60	11,050.69	7,059.12	80.56	121.13	-90.04	-1,201.90	-4,027.03	2,049.18	1,847.01	202.17	10.136		
12,100.00	6,971.55	10,950.70	7,056.99	82.19	118.25	-90.07	-1,201.63	-4,127.00	2,049.17	1,848.25	200.91	10.199		
12,200.00	6,968.50	10,850.70	7,054.86	83.81	115.37	-90.09	-1,201.36	-4,226.98	2,049.15	1,849.49	199.67	10.263		
12,300.00	6,965.45	10,750.70	7,052.73	85.44	112.50	-90.12	-1,201.09	-4,326.95	2,049.14	1,850.72	198.42	10.327		
12,400.00	6,962.40	10,650.71	7,050.60	87.07	109.63	-90.15	-1,200.82	-4,426.92	2,049.13	1,851.94	197.19	10.392		
12,500.00	6,959.35	10,550.71	7,048.47	88.70	106.77	-90.17	-1,200.55	-4,526.90	2,049.12	1,853.16	195.96	10.457		
12,600.00	6,956.30	10,450.72	7,046.34	90.33	103.91	-90.20	-1,200.28	-4,626.87	2,049.11	1,854.37	194.74	10.522		
12,700.00	6,953.25	10,350.72	7,044.22	91.96	101.06	-90.22	-1,200.01	-4,726.84	2,049.10	1,855.57	193.52	10.588		
12,800.00	6,950.20	10,250.73	7,042.09	93.60	98.21	-90.25	-1,199.74	-4,826.81	2,049.09	1,856.77	192.32	10.655		
12,900.00	6,947.15	10,150.73	7,039.96	95.24	95.38	-90.27	-1,199.47	-4,926.79	2,049.08	1,857.96	191.12	10.722		
13,000.00	6,944.10	10,050.73	7,037.83	96.87	92.55	-90.30	-1,199.20	-5,026.76	2,049.07	1,859.14	189.93	10.789		
13,100.00	6,941.05	9,950.74	7,035.70	98.51	89.73	-90.33	-1,198.93	-5,126.73	2,049.06	1,860.31	188.75	10.856		
13,200.00	6,938.00	9,850.74	7,033.57	100.15	86.91	-90.35	-1,198.66	-5,226.70	2,049.05	1,861.47	187.58	10.924		
13,300.00	6,934.95	9,750.75	7,031.44	101.79	84.11	-90.38	-1,198.39	-5,326.68	2,049.04	1,862.62	186.42	10.992		
13,400.00	6,931.90	9,650.75	7,029.31	103.43	81.33	-90.40	-1,198.12	-5,426.65	2,049.04	1,863.76	185.27	11.059		
13,500.00	6,928.85	9,550.76	7,027.18	105.08	78.55	-90.43	-1,197.84	-5,526.62	2,049.03	1,864.89	184.14	11.127		
13,600.00	6,925.80	9,450.76	7,025.05	106.72	75.79	-90.45	-1,197.57	-5,626.60	2,049.02	1,866.00	183.02	11.195		
13,700.00	6,922.75	9,350.76	7,022.92	108.36	73.05	-90.48	-1,197.30	-5,726.57	2,049.02	1,867.09	181.92	11.263		
13,800.00	6,919.70	9,250.77	7,020.80	110.01	70.32	-90.51	-1,197.03	-5,826.54	2,049.01	1,868.17	180.84	11.330		
13,900.00	6,916.65	9,150.77	7,018.67	111.66	67.62	-90.53	-1,196.76	-5,926.51	2,049.00	1,869.23	179.78	11.397		
14,000.00	6,913.60	9,050.78	7,016.54	113.30	64.93	-90.56	-1,196.49	-6,026.49	2,049.00	1,870.26	178.74	11.464		
14,100.00	6,910.55	8,950.78	7,014.41	114.95	62.28	-90.58	-1,196.22	-6,126.46	2,048.99	1,871.27	177.72	11.529		
14,200.00	6,907.50	8,850.79	7,012.28	116.60	59.66	-90.61	-1,195.95	-6,226.43	2,048.99	1,872.25	176.74	11.593		
14,300.00	6,904.45	8,750.79	7,010.15	118.25	57.07	-90.64	-1,195.68	-6,326.40	2,048.99	1,873.20	175.78	11.656		
14,400.00	6,901.40	8,650.79	7,008.02	119.90	54.52	-90.66	-1,195.41	-6,426.38	2,048.98	1,874.12	174.87	11.717		
14,500.00	6,898.35	8,550.80	7,005.89	121.55	52.03	-90.69	-1,195.14	-6,526.35	2,048.98	1,874.99	173.99	11.776		
14,600.00	6,895.30	8,450.80	7,003.76	123.20	49.59	-90.71	-1,194.87	-6,626.32	2,048.98	1,875.81	173.17	11.832		
14,700.00	6,892.25	8,350.81	7,001.63	124.85	47.21	-90.74	-1,194.60	-6,726.30	2,048.98	1,876.57	172.40	11.885		
14,800.00	6,889.20	8,250.81	6,999.50	126.50	44.91	-90.76	-1,194.33	-6,826.27	2,048.97	1,877.27	171.70	11.933		
14,900.00	6,886.15	8,150.82	6,997.38	128.15	42.71	-90.79	-1,194.06	-6,926.24	2,048.97	1,877.90	171.08	11.977		
15,000.00	6,883.10	8,050.82	6,995.25	129.81	40.62	-90.82	-1,193.79	-7,026.21	2,048.97	1,878.43	170.54	12.015		
15,100.00	6,880.05	7,950.82	6,993.12	131.46	38.66	-90.84	-1,193.52	-7,126.19	2,048.97	1,878.86	170.11	12.045		
15,166.47	6,878.02	7,884.35	6,991.70	132.56	37.43	-90.86	-1,193.34	-7,192.64	2,048.97	1,879.09	169.88	12.061		
15,200.00	6,877.00	7,850.83	6,990.99	133.11	36.86	-90.87	-1,193.25	-7,226.16	2,048.97	1,879.17	169.80	12.067		
15,300.00	6,873.95	7,750.83	6,988.86	134.77	35.24	-90.89	-1,192.98	-7,326.13	2,048.97	1,879.33	169.64	12.078		
15,400.00	6,870.90	7,650.84	6,986.73	136.42	33.82	-90.92	-1,192.71	-7,426.10	2,048.97	1,879.33	169.64	12.079		
15,500.00	6,867.85	7,574.22	6,983.72	138.08	32.88	-90.90	-1,192.76	-7,502.64	2,049.35	1,879.36	169.99	12.056		
15,562.16	6,865.95	7,534.45	6,979.06	139.11	32.44	-90.80	-1,193.38	-7,542.12	2,050.40	1,880.11	170.29	12.041		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	6,947.15	6,720.00	6,613.65	95.24	21.39	72.79	1,871.54	-7,165.65	2,495.95	2,435.52	60.43	41.302	
13,000.00	6,944.10	6,720.00	6,613.65	96.87	21.39	72.79	1,871.54	-7,165.65	2,405.87	2,343.41	62.46	38.521	
13,100.00	6,941.05	6,720.00	6,613.65	98.51	21.39	72.79	1,871.54	-7,165.65	2,316.60	2,251.95	64.65	35.835	
13,200.00	6,938.00	6,720.00	6,613.65	100.15	21.39	72.79	1,871.54	-7,165.65	2,228.24	2,161.22	67.02	33.249	
13,300.00	6,934.95	6,720.00	6,613.65	101.79	21.39	72.79	1,871.54	-7,165.65	2,140.91	2,071.32	69.58	30.767	
13,400.00	6,931.90	6,720.00	6,613.65	103.43	21.39	72.79	1,871.54	-7,165.65	2,054.73	1,982.36	72.36	28.394	
13,500.00	6,928.85	6,720.00	6,613.65	105.08	21.39	72.79	1,871.54	-7,165.65	1,969.85	1,894.48	75.37	26.135	
13,600.00	6,925.80	6,720.00	6,613.65	106.72	21.39	72.79	1,871.54	-7,165.65	1,886.47	1,807.83	78.63	23.991	
13,700.00	6,922.75	6,720.00	6,613.65	108.36	21.39	72.79	1,871.54	-7,165.65	1,804.76	1,722.61	82.15	21.968	
13,800.00	6,919.70	6,720.00	6,613.65	110.01	21.39	72.79	1,871.54	-7,165.65	1,724.99	1,639.03	85.96	20.067	
13,900.00	6,916.65	6,720.00	6,613.65	111.66	21.39	72.79	1,871.54	-7,165.65	1,647.43	1,557.37	90.06	18.292	
14,000.00	6,913.60	6,720.00	6,613.65	113.30	21.39	72.79	1,871.54	-7,165.65	1,572.40	1,477.93	94.47	16.645	
14,100.00	6,910.55	6,720.00	6,613.65	114.95	21.39	72.79	1,871.54	-7,165.65	1,500.29	1,401.11	99.18	15.127	
14,200.00	6,907.50	6,720.00	6,613.65	116.60	21.39	72.79	1,871.54	-7,165.65	1,431.53	1,327.34	104.19	13.740	
14,300.00	6,904.45	6,720.00	6,613.65	118.25	21.39	72.79	1,871.54	-7,165.65	1,366.64	1,257.18	109.46	12.485	
14,400.00	6,901.40	6,745.90	6,638.82	119.90	21.42	74.16	1,875.30	-7,170.47	1,305.61	1,190.46	115.16	11.338	
14,500.00	6,898.35	6,754.35	6,646.98	121.55	21.43	74.60	1,876.52	-7,172.26	1,249.84	1,128.97	120.87	10.340	
14,600.00	6,895.30	6,764.14	6,656.41	123.20	21.44	75.12	1,877.94	-7,174.48	1,199.67	1,073.04	126.63	9.474	
14,700.00	6,892.25	6,775.61	6,667.42	124.85	21.45	75.72	1,879.60	-7,177.26	1,155.81	1,023.51	132.30	8.736	
14,800.00	6,889.20	6,789.25	6,680.43	126.50	21.47	76.44	1,881.57	-7,180.83	1,118.93	981.25	137.69	8.127	
14,900.00	6,886.15	6,805.69	6,696.01	128.15	21.49	77.30	1,883.94	-7,185.50	1,089.68	947.08	142.61	7.641	
15,000.00	6,883.10	6,825.87	6,714.97	129.81	21.51	78.35	1,886.83	-7,191.79	1,068.56	921.70	146.86	7.276	
15,100.00	6,880.05	6,851.19	6,738.45	131.46	21.53	79.65	1,890.44	-7,200.54	1,055.87	905.59	150.28	7.026	
15,200.00	6,877.00	6,883.75	6,768.11	133.11	21.56	81.31	1,895.04	-7,213.16	1,051.65	898.85	152.80	6.882	
15,200.84	6,876.97	6,884.06	6,768.39	133.13	21.56	81.32	1,895.08	-7,213.29	1,051.65	898.83	152.82	6.882 CC, ES	
15,300.00	6,873.95	6,926.93	6,806.37	134.77	21.59	83.45	1,901.04	-7,232.24	1,055.54	901.10	154.44	6.834 SF	
15,400.00	6,870.90	6,986.22	6,856.63	136.42	21.63	86.26	1,909.06	-7,262.61	1,066.68	911.28	155.40	6.864	
15,500.00	6,867.85	7,070.82	6,922.99	138.08	21.68	89.94	1,919.92	-7,313.85	1,083.44	927.38	156.06	6.943	
15,562.16	6,865.95	7,142.38	6,973.44	139.11	21.75	92.72	1,928.45	-7,363.82	1,095.52	938.90	156.61	6.995	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	6,947.15	6,576.54	6,490.29	95.24	19.87	61.50	1,662.04	-7,165.92	2,440.60	2,388.27	52.33	46.643	
13,000.00	6,944.10	6,579.89	6,493.56	96.87	19.87	61.69	1,662.43	-7,166.53	2,348.23	2,294.22	54.01	43.475	
13,100.00	6,941.05	6,583.47	6,497.06	98.51	19.87	61.89	1,662.84	-7,167.20	2,256.49	2,200.63	55.86	40.396	
13,200.00	6,938.00	6,620.00	6,532.45	100.15	19.92	64.01	1,667.06	-7,175.15	2,166.48	2,108.55	57.93	37.399	
13,300.00	6,934.95	6,620.00	6,532.45	101.79	19.92	64.01	1,667.06	-7,175.15	2,076.00	2,015.87	60.13	34.528	
13,400.00	6,931.90	6,620.00	6,532.45	103.43	19.92	64.01	1,667.06	-7,175.15	1,986.43	1,923.90	62.53	31.765	
13,500.00	6,928.85	6,620.00	6,532.45	105.08	19.92	64.01	1,667.06	-7,175.15	1,897.91	1,832.73	65.18	29.120	
13,600.00	6,925.80	6,620.00	6,532.45	106.72	19.92	64.01	1,667.06	-7,175.15	1,810.57	1,742.50	68.08	26.596	
13,700.00	6,922.75	6,620.00	6,532.45	108.36	19.92	64.01	1,667.06	-7,175.15	1,724.62	1,653.36	71.26	24.202	
13,800.00	6,919.70	6,620.00	6,532.45	110.01	19.92	64.01	1,667.06	-7,175.15	1,640.26	1,565.50	74.76	21.942	
13,900.00	6,916.65	6,620.00	6,532.45	111.66	19.92	64.01	1,667.06	-7,175.15	1,557.75	1,479.16	78.59	19.821	
14,000.00	6,913.60	6,620.00	6,532.45	113.30	19.92	64.01	1,667.06	-7,175.15	1,477.40	1,394.61	82.79	17.844	
14,100.00	6,910.55	6,620.00	6,532.45	114.95	19.92	64.01	1,667.06	-7,175.15	1,399.59	1,312.20	87.39	16.016	
14,200.00	6,907.50	6,650.93	6,562.03	116.60	19.95	65.83	1,670.62	-7,183.47	1,323.81	1,231.38	92.43	14.322	
14,300.00	6,904.45	6,661.63	6,572.16	118.25	19.96	66.46	1,671.85	-7,186.68	1,251.74	1,153.86	97.88	12.788	
14,400.00	6,901.40	6,673.72	6,583.54	119.90	19.97	67.18	1,673.23	-7,190.52	1,183.46	1,079.72	103.75	11.407	
14,500.00	6,898.35	6,687.49	6,596.41	121.55	19.98	68.00	1,674.81	-7,195.15	1,119.62	1,009.63	109.99	10.179	
14,600.00	6,895.30	6,720.00	6,626.38	123.20	20.01	69.92	1,678.50	-7,207.20	1,061.19	944.66	116.53	9.107	
14,700.00	6,892.25	6,720.00	6,626.38	124.85	20.01	69.92	1,678.50	-7,207.20	1,008.18	884.94	123.24	8.181	
14,800.00	6,889.20	6,742.99	6,647.17	126.50	20.02	71.28	1,681.09	-7,216.63	962.19	832.27	129.92	7.406	
14,900.00	6,886.15	6,768.28	6,669.65	128.15	20.04	72.77	1,683.91	-7,227.89	923.76	787.44	136.32	6.777	
15,000.00	6,883.10	6,798.53	6,695.91	129.81	20.06	74.53	1,687.24	-7,242.51	893.55	751.39	142.16	6.286	
15,100.00	6,880.05	6,835.17	6,726.76	131.46	20.09	76.62	1,691.21	-7,261.88	871.97	724.79	147.18	5.925	
15,200.00	6,877.00	6,880.13	6,763.00	133.11	20.13	79.10	1,695.95	-7,288.05	859.03	707.82	151.20	5.681	
15,300.00	6,873.95	6,935.96	6,805.29	134.77	20.20	82.03	1,701.62	-7,324.02	854.17	699.96	154.21	5.539	
15,317.06	6,873.43	6,946.80	6,813.13	135.05	20.22	82.58	1,702.68	-7,331.43	854.07	699.44	154.64	5.523 CC, ES	
15,400.00	6,870.90	7,005.89	6,853.57	136.42	20.33	85.40	1,708.29	-7,374.11	856.18	699.78	156.40	5.474	
15,500.00	6,867.85	7,093.53	6,905.88	138.08	20.61	89.05	1,715.90	-7,443.93	863.08	704.84	158.24	5.454	
15,562.16	6,865.95	7,158.31	6,938.15	139.11	20.95	91.31	1,720.89	-7,499.85	868.66	709.21	159.45	5.448 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design										5N-67W-01 Offsets Incomplete - Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI Planned Surv				Offset Site Error:		0.00 usft	
Survey Program:										20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1				Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
13,100.00	6,941.05	6,561.43	6,425.47	98.51	22.44	67.44	2,065.68	-7,168.35	2,447.33	2,375.78	71.54	34.209					
13,200.00	6,938.00	6,564.58	6,428.53	100.15	22.45	67.58	2,066.25	-7,168.86	2,363.47	2,289.37	74.10	31.894					
13,300.00	6,934.95	6,567.98	6,431.82	101.79	22.45	67.72	2,066.87	-7,169.43	2,280.90	2,204.06	76.84	29.683					
13,400.00	6,931.90	6,571.66	6,435.38	103.43	22.46	67.88	2,067.53	-7,170.07	2,199.75	2,119.99	79.77	27.578					
13,500.00	6,928.85	6,575.64	6,439.23	105.08	22.47	68.04	2,068.25	-7,170.79	2,120.19	2,037.30	82.88	25.580					
13,600.00	6,925.80	6,579.98	6,443.42	106.72	22.47	68.23	2,069.04	-7,171.59	2,042.39	1,956.19	86.21	23.692					
13,700.00	6,922.75	6,584.71	6,447.98	108.36	22.48	68.43	2,069.89	-7,172.50	1,966.57	1,876.83	89.74	21.915					
13,800.00	6,919.70	6,620.00	6,481.78	110.01	22.54	69.93	2,076.27	-7,180.39	1,893.72	1,800.07	93.65	20.222					
13,900.00	6,916.65	6,620.00	6,481.78	111.66	22.54	69.93	2,076.27	-7,180.39	1,822.29	1,724.71	97.58	18.675					
14,000.00	6,913.60	6,620.00	6,481.78	113.30	22.54	69.93	2,076.27	-7,180.39	1,753.65	1,651.94	101.72	17.240					
14,100.00	6,910.55	6,620.00	6,481.78	114.95	22.54	69.93	2,076.27	-7,180.39	1,688.16	1,582.11	106.04	15.920					
14,200.00	6,907.50	6,620.00	6,481.78	116.60	22.54	69.93	2,076.27	-7,180.39	1,626.17	1,515.64	110.53	14.712					
14,300.00	6,904.45	6,620.00	6,481.78	118.25	22.54	69.93	2,076.27	-7,180.39	1,568.12	1,452.98	115.15	13.619					
14,400.00	6,901.40	6,620.00	6,481.78	119.90	22.54	69.93	2,076.27	-7,180.39	1,514.45	1,394.62	119.83	12.638					
14,500.00	6,898.35	6,646.92	6,507.24	121.55	22.56	71.07	2,081.11	-7,187.68	1,465.12	1,340.36	124.76	11.744					
14,600.00	6,895.30	6,660.03	6,519.51	123.20	22.58	71.62	2,083.46	-7,191.63	1,421.09	1,291.57	129.52	10.972					
14,700.00	6,892.25	6,675.26	6,533.68	124.85	22.60	72.26	2,086.18	-7,196.54	1,382.61	1,248.46	134.15	10.307					
14,800.00	6,889.20	6,693.17	6,550.17	126.50	22.62	73.01	2,089.36	-7,202.74	1,350.08	1,211.53	138.55	9.745					
14,900.00	6,886.15	6,720.00	6,574.54	128.15	22.64	74.12	2,094.09	-7,212.92	1,323.85	1,181.18	142.67	9.279					
15,000.00	6,883.10	6,740.18	6,592.57	129.81	22.66	74.94	2,097.61	-7,221.26	1,304.08	1,157.80	146.28	8.915					
15,100.00	6,880.05	6,771.71	6,620.20	131.46	22.68	76.21	2,103.05	-7,235.44	1,290.90	1,141.43	149.47	8.637					
15,200.00	6,877.00	6,811.06	6,653.64	133.11	22.71	77.76	2,109.71	-7,255.07	1,284.15	1,131.99	152.16	8.439					
15,262.01	6,875.11	6,840.60	6,677.92	134.14	22.73	78.89	2,114.60	-7,271.16	1,283.04	1,129.42	153.62	8.352 CC					
15,300.00	6,873.95	6,861.10	6,694.32	134.77	22.74	79.65	2,117.93	-7,283.00	1,283.44	1,129.00	154.44	8.311 ES					
15,400.00	6,870.90	6,925.91	6,743.55	136.42	22.77	81.94	2,128.08	-7,323.86	1,287.97	1,131.60	156.37	8.237					
15,500.00	6,867.85	7,011.02	6,801.50	138.08	22.81	84.65	2,140.41	-7,384.88	1,296.46	1,138.17	158.29	8.190					
15,562.16	6,865.95	7,077.02	6,840.58	139.11	22.87	86.48	2,149.06	-7,437.32	1,302.90	1,143.24	159.65	8.161 SF					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1949-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,400.00	6,931.90	6,663.26	6,542.63	103.43	19.43	-76.26	-831.84	-7,114.52	2,432.23	2,337.19	95.03	25.593	
13,500.00	6,928.85	6,665.55	6,544.87	105.08	19.44	-76.33	-832.17	-7,114.82	2,363.29	2,265.15	98.14	24.080	
13,600.00	6,925.80	6,668.09	6,547.36	106.72	19.44	-76.42	-832.53	-7,115.15	2,296.63	2,195.26	101.37	22.656	
13,700.00	6,922.75	6,670.92	6,550.14	108.36	19.45	-76.51	-832.94	-7,115.55	2,232.45	2,127.76	104.70	21.323	
13,800.00	6,919.70	6,674.11	6,553.26	110.01	19.45	-76.61	-833.39	-7,116.01	2,170.97	2,062.85	108.12	20.080	
13,900.00	6,916.65	6,706.00	6,584.30	111.66	19.51	-77.65	-837.79	-7,121.85	2,113.03	2,001.17	111.86	18.890	
14,000.00	6,913.60	6,706.00	6,584.30	113.30	19.51	-77.65	-837.79	-7,121.85	2,057.46	1,942.07	115.39	17.831	
14,100.00	6,910.55	6,706.00	6,584.30	114.95	19.51	-77.65	-837.79	-7,121.85	2,005.34	1,886.39	118.94	16.860	
14,200.00	6,907.50	6,706.00	6,584.30	116.60	19.51	-77.65	-837.79	-7,121.85	1,956.94	1,834.45	122.49	15.977	
14,300.00	6,904.45	6,706.00	6,584.30	118.25	19.51	-77.65	-837.79	-7,121.85	1,912.55	1,786.56	125.99	15.180	
14,400.00	6,901.40	6,706.00	6,584.30	119.90	19.51	-77.65	-837.79	-7,121.85	1,872.45	1,743.05	129.41	14.469	
14,500.00	6,898.35	6,706.00	6,584.30	121.55	19.51	-77.65	-837.79	-7,121.85	1,836.93	1,704.24	132.69	13.844	
14,600.00	6,895.30	6,726.77	6,604.30	123.20	19.52	-78.32	-840.56	-7,126.70	1,806.04	1,670.04	136.00	13.279	
14,700.00	6,892.25	6,740.03	6,616.97	124.85	19.53	-78.75	-842.30	-7,130.17	1,780.13	1,641.11	139.02	12.805	
14,800.00	6,889.20	6,756.13	6,632.27	126.50	19.54	-79.26	-844.40	-7,134.75	1,759.34	1,617.53	141.80	12.407	
14,900.00	6,886.15	6,776.07	6,651.03	128.15	19.56	-79.90	-846.97	-7,141.00	1,743.76	1,599.44	144.31	12.083	
15,000.00	6,883.10	6,802.32	6,675.39	129.81	19.57	-80.72	-850.29	-7,150.18	1,733.42	1,586.86	146.56	11.828	
15,100.00	6,880.05	6,859.33	6,727.32	131.46	19.58	-82.48	-856.88	-7,172.75	1,727.99	1,579.22	148.77	11.615	
15,172.48	6,877.84	6,913.46	6,775.41	132.66	19.59	-84.11	-862.19	-7,197.00	1,726.74	1,576.46	150.28	11.490 CC	
15,200.00	6,877.00	6,907.78	6,770.40	133.11	19.59	-83.94	-861.73	-7,194.36	1,726.98	1,576.43	150.55	11.471 ES	
15,300.00	6,873.95	6,937.90	6,796.45	134.77	19.59	-84.82	-864.87	-7,209.14	1,730.89	1,579.08	151.81	11.401	
15,400.00	6,870.90	6,973.44	6,826.32	136.42	19.59	-85.84	-868.90	-7,227.97	1,739.65	1,586.84	152.81	11.385 SF	
15,500.00	6,867.85	6,989.00	6,839.08	138.08	19.59	-86.27	-870.78	-7,236.68	1,753.16	1,599.95	153.21	11.443	
15,562.16	6,865.95	7,022.82	6,866.07	139.11	19.59	-87.19	-875.35	-7,256.52	1,763.66	1,609.97	153.70	11.475	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1951-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,300.00	6,934.95	6,613.00	6,517.99	101.79	18.30	-74.49	-713.24	-7,174.22	2,474.40	2,387.31	87.09	28.413	
13,400.00	6,931.90	6,613.00	6,517.99	103.43	18.30	-74.49	-713.24	-7,174.22	2,399.99	2,309.98	90.01	26.663	
13,500.00	6,928.85	6,613.00	6,517.99	105.08	18.30	-74.49	-713.24	-7,174.22	2,327.50	2,234.43	93.07	25.009	
13,600.00	6,925.80	6,613.00	6,517.99	106.72	18.30	-74.49	-713.24	-7,174.22	2,257.11	2,160.85	96.25	23.449	
13,700.00	6,922.75	6,650.17	6,553.78	108.36	18.31	-75.72	-712.72	-7,184.27	2,187.80	2,088.16	99.63	21.958	
13,800.00	6,919.70	6,657.05	6,560.35	110.01	18.31	-75.94	-712.75	-7,186.28	2,121.74	2,018.65	103.09	20.581	
13,900.00	6,916.65	6,664.31	6,567.28	111.66	18.31	-76.19	-712.81	-7,188.46	2,058.34	1,951.67	106.67	19.297	
14,000.00	6,913.60	6,672.00	6,574.59	113.30	18.31	-76.44	-712.93	-7,190.83	1,997.82	1,887.48	110.34	18.106	
14,100.00	6,910.55	6,706.00	6,606.67	114.95	18.33	-77.57	-714.00	-7,202.02	1,941.06	1,826.91	114.15	17.004	
14,200.00	6,907.50	6,706.00	6,606.67	116.60	18.33	-77.57	-714.00	-7,202.02	1,886.79	1,768.85	117.95	15.997	
14,300.00	6,904.45	6,706.00	6,606.67	118.25	18.33	-77.57	-714.00	-7,202.02	1,836.38	1,714.62	121.76	15.082	
14,400.00	6,901.40	6,706.00	6,606.67	119.90	18.33	-77.57	-714.00	-7,202.02	1,790.13	1,664.60	125.53	14.261	
14,500.00	6,898.35	6,706.00	6,606.67	121.55	18.33	-77.57	-714.00	-7,202.02	1,748.38	1,619.17	129.22	13.531	
14,600.00	6,895.30	6,706.00	6,606.67	123.20	18.33	-77.57	-714.00	-7,202.02	1,711.47	1,578.71	132.76	12.891	
14,700.00	6,892.25	6,740.72	6,638.98	124.85	18.34	-78.73	-716.07	-7,214.58	1,678.67	1,542.30	136.36	12.310	
14,800.00	6,889.20	6,753.11	6,650.38	126.50	18.35	-79.14	-717.06	-7,219.32	1,651.50	1,511.91	139.59	11.831	
14,900.00	6,886.15	6,766.30	6,662.45	128.15	18.35	-79.58	-718.25	-7,224.51	1,629.75	1,487.23	142.52	11.435	
15,000.00	6,883.10	6,800.00	6,692.91	129.81	18.37	-80.69	-721.96	-7,238.43	1,613.91	1,468.61	145.30	11.107	
15,100.00	6,880.05	6,800.00	6,692.91	131.46	18.37	-80.69	-721.96	-7,238.43	1,603.20	1,455.82	147.38	10.878	
15,200.00	6,877.00	6,816.61	6,707.69	133.11	18.37	-81.24	-724.07	-7,245.72	1,598.53	1,449.34	149.19	10.715	
15,232.72	6,876.00	6,824.99	6,715.07	133.65	18.38	-81.51	-725.16	-7,249.52	1,598.24	1,448.51	149.73	10.674 CC, ES	
15,300.00	6,873.95	6,843.65	6,731.32	134.77	18.39	-82.11	-727.68	-7,258.33	1,599.48	1,448.78	150.71	10.613	
15,400.00	6,870.90	6,875.57	6,758.51	136.42	18.40	-83.11	-732.22	-7,274.42	1,605.83	1,453.95	151.88	10.573 SF	
15,500.00	6,867.85	6,918.51	6,793.66	138.08	18.43	-84.41	-738.75	-7,298.19	1,617.22	1,464.34	152.88	10.578	
15,562.16	6,865.95	6,955.47	6,822.13	139.11	18.45	-85.47	-744.61	-7,321.00	1,626.49	1,472.94	153.55	10.593	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12C-2-L - SRC Energy PR Well - Actua													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1765-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,700.00	6,953.25	6,710.00	6,631.01	91.96	17.98	-48.10	497.81	-7,157.99	2,493.57	2,453.05	40.51	61.549		
12,800.00	6,950.20	6,710.00	6,631.01	93.60	17.98	-48.10	497.81	-7,157.99	2,395.52	2,354.44	41.07	58.322		
12,900.00	6,947.15	6,710.00	6,631.01	95.24	17.98	-48.10	497.81	-7,157.99	2,297.64	2,255.94	41.69	55.109		
13,000.00	6,944.10	6,710.00	6,631.01	96.87	17.98	-48.10	497.81	-7,157.99	2,199.94	2,157.56	42.38	51.910		
13,100.00	6,941.05	6,710.00	6,631.01	98.51	17.98	-48.10	497.81	-7,157.99	2,102.47	2,059.33	43.15	48.730		
13,200.00	6,938.00	6,710.00	6,631.01	100.15	17.98	-48.10	497.81	-7,157.99	2,005.24	1,961.24	44.00	45.573		
13,300.00	6,934.95	6,710.00	6,631.01	101.79	17.98	-48.10	497.81	-7,157.99	1,908.31	1,863.35	44.96	42.444		
13,400.00	6,931.90	6,742.54	6,662.38	103.43	18.01	-50.60	503.22	-7,164.69	1,810.89	1,765.02	45.87	39.477		
13,500.00	6,928.85	6,749.81	6,669.35	105.08	18.02	-51.19	504.51	-7,166.34	1,714.25	1,667.24	47.01	36.464		
13,600.00	6,925.80	6,757.69	6,676.87	106.72	18.03	-51.84	505.93	-7,168.19	1,617.92	1,569.63	48.29	33.502		
13,700.00	6,922.75	6,766.25	6,685.02	108.36	18.04	-52.55	507.53	-7,170.28	1,521.96	1,472.22	49.74	30.599		
13,800.00	6,919.70	6,775.59	6,693.88	110.01	18.05	-53.35	509.31	-7,172.65	1,426.41	1,375.03	51.38	27.764		
13,900.00	6,916.65	6,804.00	6,720.61	111.66	18.08	-55.89	515.02	-7,180.41	1,331.63	1,278.63	52.99	25.127		
14,000.00	6,913.60	6,804.00	6,720.61	113.30	18.08	-55.89	515.02	-7,180.41	1,236.89	1,181.62	55.27	22.379		
14,100.00	6,910.55	6,804.00	6,720.61	114.95	18.08	-55.89	515.02	-7,180.41	1,143.06	1,085.11	57.95	19.725		
14,200.00	6,907.50	6,804.00	6,720.61	116.60	18.08	-55.89	515.02	-7,180.41	1,050.37	989.24	61.13	17.183		
14,300.00	6,904.45	6,804.00	6,720.61	118.25	18.08	-55.89	515.02	-7,180.41	959.14	894.21	64.93	14.772		
14,400.00	6,901.40	6,834.73	6,749.10	119.90	18.10	-58.89	521.06	-7,190.19	868.27	799.57	68.70	12.639		
14,500.00	6,898.35	6,846.60	6,759.96	121.55	18.11	-60.14	523.19	-7,194.46	780.01	706.17	73.84	10.564		
14,600.00	6,895.30	6,860.29	6,772.39	123.20	18.12	-61.63	525.49	-7,199.72	694.30	614.20	80.10	8.668		
14,700.00	6,892.25	6,898.00	6,805.92	124.85	18.14	-66.04	531.03	-7,216.05	612.94	525.91	87.03	7.043		
14,800.00	6,889.20	6,898.00	6,805.92	126.50	18.14	-66.04	531.03	-7,216.05	534.57	437.44	97.12	5.504		
14,900.00	6,886.15	6,918.50	6,823.70	128.15	18.14	-68.62	533.50	-7,225.93	463.74	355.09	108.65	4.268		
15,000.00	6,883.10	6,946.09	6,847.19	129.81	18.14	-72.26	536.14	-7,240.16	402.44	280.47	121.97	3.300		
15,100.00	6,880.05	6,978.45	6,874.01	131.46	18.14	-76.74	538.23	-7,258.15	354.70	218.78	135.92	2.610		
15,200.00	6,877.00	7,022.56	6,909.11	133.11	18.14	-82.98	539.77	-7,284.78	324.88	177.53	147.35	2.205		
15,300.00	6,873.95	7,079.93	6,952.00	134.77	18.16	-90.93	541.12	-7,322.85	314.67	161.81	152.86	2.059		
15,303.46	6,873.84	7,082.14	6,953.58	134.83	18.16	-91.23	541.16	-7,324.39	314.66	161.74	152.93	2.058 CC, ES, SF		
15,400.00	6,870.90	7,164.60	7,008.54	136.42	18.30	-101.50	543.56	-7,385.73	320.87	168.38	152.49	2.104		
15,500.00	6,867.85	7,277.10	7,068.87	138.08	18.75	-112.49	550.11	-7,480.25	334.18	184.51	149.67	2.233		
15,562.16	6,865.95	7,358.93	7,100.24	139.11	19.42	-118.15	556.60	-7,555.47	341.47	193.10	148.36	2.302		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12N-2A-L - SRC Energy PR Well - Actu													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 2049-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,700.00	6,953.25	6,556.81	6,451.13	91.96	18.84	-19.35	679.12	-7,127.32	2,479.80	2,442.33	37.47	66.187		
12,800.00	6,950.20	6,565.75	6,459.69	93.60	18.85	-19.51	680.58	-7,129.49	2,382.18	2,344.41	37.77	63.076		
12,900.00	6,947.15	6,575.17	6,468.66	95.24	18.86	-19.68	682.24	-7,131.83	2,284.68	2,246.59	38.09	59.983		
13,000.00	6,944.10	6,585.09	6,478.07	96.87	18.87	-19.84	684.11	-7,134.35	2,187.31	2,148.87	38.43	56.910		
13,100.00	6,941.05	6,595.56	6,487.95	98.51	18.88	-20.00	686.23	-7,137.07	2,090.07	2,051.26	38.81	53.860		
13,200.00	6,938.00	6,618.00	6,508.97	100.15	18.91	-20.31	691.27	-7,143.11	1,993.05	1,953.94	39.11	50.961		
13,300.00	6,934.95	6,618.00	6,508.97	101.79	18.91	-20.31	691.27	-7,143.11	1,896.05	1,856.42	39.63	47.840		
13,400.00	6,931.90	6,618.00	6,508.97	103.43	18.91	-20.31	691.27	-7,143.11	1,799.38	1,759.14	40.24	44.720		
13,500.00	6,928.85	6,618.00	6,508.97	105.08	18.91	-20.31	691.27	-7,143.11	1,703.09	1,662.16	40.93	41.606		
13,600.00	6,925.80	6,618.00	6,508.97	106.72	18.91	-20.31	691.27	-7,143.11	1,607.26	1,565.51	41.75	38.501		
13,700.00	6,922.75	6,653.72	6,541.83	108.36	18.95	-20.69	700.42	-7,153.69	1,510.78	1,468.75	42.03	35.944		
13,800.00	6,919.70	6,664.54	6,551.62	110.01	18.96	-20.79	703.42	-7,157.18	1,415.27	1,372.47	42.80	33.066		
13,900.00	6,916.65	6,676.32	6,562.19	111.66	18.98	-20.88	706.81	-7,161.13	1,320.17	1,276.51	43.66	30.239		
14,000.00	6,913.60	6,713.00	6,594.44	113.30	19.02	-21.04	718.14	-7,174.42	1,226.09	1,182.18	43.91	27.925		
14,100.00	6,910.55	6,713.00	6,594.44	114.95	19.02	-21.04	718.14	-7,174.42	1,131.50	1,086.17	45.33	24.959		
14,200.00	6,907.50	6,713.00	6,594.44	116.60	19.02	-21.04	718.14	-7,174.42	1,037.93	990.85	47.08	22.044		
14,300.00	6,904.45	6,713.00	6,594.44	118.25	19.02	-21.04	718.14	-7,174.42	945.68	896.43	49.25	19.203		
14,400.00	6,901.40	6,748.92	6,625.09	119.90	19.05	-21.09	729.78	-7,189.08	853.39	803.40	49.99	17.072		
14,500.00	6,898.35	6,767.46	6,640.56	121.55	19.07	-21.11	735.77	-7,197.37	762.74	710.86	51.88	14.701		
14,600.00	6,895.30	6,808.00	6,673.45	123.20	19.11	-21.10	748.75	-7,217.17	674.04	621.41	52.63	12.808		
14,700.00	6,892.25	6,808.00	6,673.45	124.85	19.11	-21.10	748.75	-7,217.17	585.88	528.90	56.97	10.283		
14,800.00	6,889.20	6,835.37	6,695.01	126.50	19.11	-21.21	756.74	-7,232.02	500.58	440.54	60.03	8.338		
14,900.00	6,886.15	6,863.30	6,716.48	128.15	19.11	-21.62	763.37	-7,248.59	418.50	354.25	64.24	6.514		
15,000.00	6,883.10	6,901.00	6,744.40	129.81	19.12	-22.82	769.81	-7,273.07	340.71	271.60	69.11	4.930		
15,100.00	6,880.05	6,938.34	6,770.80	131.46	19.11	-25.06	773.06	-7,299.25	268.50	191.63	76.87	3.493		
15,200.00	6,877.00	6,994.00	6,807.64	133.11	19.10	-31.24	771.71	-7,340.87	204.70	116.92	87.77	2.332		
15,300.00	6,873.95	7,046.10	6,838.52	134.77	19.17	-39.89	766.92	-7,382.54	153.52	46.37	107.14	1.433 Level 3		
15,400.00	6,870.90	7,120.20	6,875.33	136.42	19.40	-54.68	760.48	-7,446.46	120.55	-10.72	131.27	0.918 Level 1		
15,500.00	6,867.85	7,209.01	6,908.47	138.08	19.99	-72.04	757.27	-7,528.69	104.52	-46.48	151.00	0.692 Level 1		
15,562.16	6,865.95	7,267.56	6,924.15	139.11	20.58	-81.61	756.72	-7,585.08	100.83	-57.17	158.00	0.638 Level 1, CC, ES, SF		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12N-2C-L - SRC Energy PR Well - Actu			Offset Site Error:		0.00 usft
Survey Program:											20-SRC Energy_ISCWSA REV 2 MWD, 1860-SRC Energy_ISCWSA REV 2 MWD+IFR1			Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance								Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
12,700.00	6,953.25	6,613.00	6,490.47	91.96	19.95	3.90	886.74	-7,149.46	2,487.02	2,450.21	36.81	67.563				
12,800.00	6,950.20	6,613.00	6,490.47	93.60	19.95	3.90	886.74	-7,149.46	2,388.84	2,351.87	36.97	64.620				
12,900.00	6,947.15	6,613.00	6,490.47	95.24	19.95	3.90	886.74	-7,149.46	2,290.81	2,253.66	37.15	61.663				
13,000.00	6,944.10	6,633.62	6,510.32	96.87	19.98	4.49	889.96	-7,154.01	2,192.77	2,155.46	37.31	58.771				
13,100.00	6,941.05	6,643.34	6,519.63	98.51	20.00	4.81	891.67	-7,156.22	2,094.88	2,057.37	37.51	55.855				
13,200.00	6,938.00	6,653.46	6,529.29	100.15	20.01	5.18	893.58	-7,158.55	1,997.10	1,959.38	37.72	52.946				
13,300.00	6,934.95	6,663.99	6,539.31	101.79	20.03	5.59	895.71	-7,161.02	1,899.44	1,861.49	37.95	50.045				
13,400.00	6,931.90	6,674.96	6,549.69	103.43	20.04	6.07	898.09	-7,163.64	1,801.92	1,763.70	38.22	47.151				
13,500.00	6,928.85	6,686.40	6,560.47	105.08	20.06	6.62	900.72	-7,166.41	1,704.54	1,666.04	38.51	44.265				
13,600.00	6,925.80	6,708.00	6,580.67	106.72	20.09	7.81	906.16	-7,171.79	1,607.38	1,568.63	38.76	41.472				
13,700.00	6,922.75	6,708.00	6,580.67	108.36	20.09	7.81	906.16	-7,171.79	1,510.31	1,471.07	39.24	38.488				
13,800.00	6,919.70	6,708.00	6,580.67	110.01	20.09	7.81	906.16	-7,171.79	1,413.64	1,373.80	39.84	35.484				
13,900.00	6,916.65	6,708.00	6,580.67	111.66	20.09	7.81	906.16	-7,171.79	1,317.47	1,276.89	40.58	32.465				
14,000.00	6,913.60	6,708.00	6,580.67	113.30	20.09	7.81	906.16	-7,171.79	1,221.92	1,180.41	41.51	29.436				
14,100.00	6,910.55	6,742.43	6,612.36	114.95	20.15	10.09	915.64	-7,181.33	1,125.69	1,083.73	41.96	26.829				
14,200.00	6,907.50	6,752.93	6,621.88	116.60	20.17	10.88	918.66	-7,184.58	1,030.78	987.74	43.05	23.946				
14,300.00	6,904.45	6,764.62	6,632.39	118.25	20.18	11.83	922.09	-7,188.37	936.60	892.20	44.40	21.096				
14,400.00	6,901.40	6,777.72	6,644.06	119.90	20.21	12.97	926.01	-7,192.84	843.30	797.20	46.10	18.291				
14,500.00	6,898.35	6,803.00	6,666.23	121.55	20.25	15.43	933.84	-7,202.13	751.29	703.32	47.98	15.659				
14,600.00	6,895.30	6,803.00	6,666.23	123.20	20.25	15.43	933.84	-7,202.13	660.48	609.08	51.40	12.850				
14,700.00	6,892.25	6,826.46	6,686.37	124.85	20.27	18.01	941.19	-7,211.66	571.73	516.62	55.11	10.374				
14,800.00	6,889.20	6,847.64	6,704.17	126.50	20.30	20.57	947.70	-7,221.10	485.84	425.38	60.45	8.036				
14,900.00	6,886.15	6,873.15	6,725.10	128.15	20.32	23.99	955.38	-7,233.51	403.91	335.94	67.96	5.943				
15,000.00	6,883.10	6,897.00	6,744.10	129.81	20.35	27.52	962.37	-7,246.11	328.00	249.00	79.00	4.152				
15,100.00	6,880.05	6,942.33	6,778.52	131.46	20.37	35.15	975.15	-7,272.66	261.05	166.55	94.50	2.762				
15,200.00	6,877.00	6,990.39	6,812.29	133.11	20.40	44.39	987.92	-7,304.35	208.86	93.03	115.83	1.803				
15,300.00	6,873.95	7,057.75	6,855.31	134.77	20.40	58.44	1,003.21	-7,353.82	176.91	37.96	138.95	1.273 Level 3				
15,400.00	6,870.90	7,148.21	6,905.34	136.42	20.41	76.55	1,016.12	-7,427.92	164.90	10.59	154.32	1.069 Level 2				
15,461.79	6,869.01	7,208.23	6,933.31	137.45	20.48	86.93	1,018.68	-7,480.94	162.76	5.01	157.75	1.032 Level 2, CC, ES, SF				
15,500.00	6,867.85	7,243.61	6,948.43	138.08	20.57	92.59	1,019.50	-7,512.92	163.57	5.47	158.10	1.035 Level 2				
15,562.16	6,865.95	7,301.14	6,970.88	139.11	20.87	100.84	1,020.47	-7,565.86	167.91	11.31	156.61	1.072 Level 2				

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	6,947.15	6,716.00	6,660.73	95.24	16.87	-72.14	-47.73	-7,161.43	2,440.02	2,382.43	57.59	42.366	
13,000.00	6,944.10	6,716.00	6,660.73	96.87	16.87	-72.14	-47.73	-7,161.43	2,348.22	2,288.80	59.41	39.523	
13,100.00	6,941.05	6,716.00	6,660.73	98.51	16.87	-72.14	-47.73	-7,161.43	2,257.10	2,195.72	61.39	36.768	
13,200.00	6,938.00	6,716.00	6,660.73	100.15	16.87	-72.14	-47.73	-7,161.43	2,166.78	2,103.25	63.53	34.108	
13,300.00	6,934.95	6,716.00	6,660.73	101.79	16.87	-72.14	-47.73	-7,161.43	2,077.33	2,011.49	65.85	31.547	
13,400.00	6,931.90	6,716.00	6,660.73	103.43	16.87	-72.14	-47.73	-7,161.43	1,988.90	1,920.52	68.37	29.089	
13,500.00	6,928.85	6,716.00	6,660.73	105.08	16.87	-72.14	-47.73	-7,161.43	1,901.61	1,830.49	71.12	26.737	
13,600.00	6,925.80	6,716.00	6,660.73	106.72	16.87	-72.14	-47.73	-7,161.43	1,815.63	1,741.52	74.11	24.498	
13,700.00	6,922.75	6,716.00	6,660.73	108.36	16.87	-72.14	-47.73	-7,161.43	1,731.16	1,653.79	77.37	22.374	
13,800.00	6,919.70	6,716.00	6,660.73	110.01	16.87	-72.14	-47.73	-7,161.43	1,648.43	1,567.50	80.92	20.370	
13,900.00	6,916.65	6,749.79	6,693.26	111.66	16.88	-74.00	-45.17	-7,170.18	1,566.70	1,482.00	84.70	18.496	
14,000.00	6,913.60	6,759.46	6,702.49	113.30	16.89	-74.54	-44.42	-7,172.98	1,487.67	1,398.80	88.87	16.740	
14,100.00	6,910.55	6,770.22	6,712.71	114.95	16.89	-75.14	-43.57	-7,176.24	1,411.10	1,317.72	93.39	15.111	
14,200.00	6,907.50	6,782.25	6,724.07	116.60	16.89	-75.81	-42.60	-7,180.08	1,337.40	1,239.14	98.26	13.611	
14,300.00	6,904.45	6,811.00	6,750.93	118.25	16.90	-77.41	-40.23	-7,190.05	1,267.20	1,163.82	103.38	12.258	
14,400.00	6,901.40	6,811.00	6,750.93	119.90	16.90	-77.41	-40.23	-7,190.05	1,200.42	1,091.40	109.02	11.011	
14,500.00	6,898.35	6,811.00	6,750.93	121.55	16.90	-77.41	-40.23	-7,190.05	1,138.53	1,023.59	114.94	9.905	
14,600.00	6,895.30	6,811.00	6,750.93	123.20	16.90	-77.41	-40.23	-7,190.05	1,082.34	961.33	121.01	8.944	
14,700.00	6,892.25	6,849.95	6,786.57	124.85	16.91	-79.60	-37.59	-7,205.50	1,030.89	903.88	127.00	8.117	
14,800.00	6,889.20	6,866.22	6,801.17	126.50	16.91	-80.52	-36.86	-7,212.66	987.13	854.20	132.93	7.426	
14,900.00	6,886.15	6,905.00	6,835.14	128.15	16.92	-82.68	-36.00	-7,231.33	951.63	813.23	138.41	6.876	
15,000.00	6,883.10	6,905.00	6,835.14	129.81	16.92	-82.68	-36.00	-7,231.33	923.63	780.36	143.27	6.447	
15,100.00	6,880.05	6,905.00	6,835.14	131.46	16.92	-82.68	-36.00	-7,231.33	905.86	758.89	146.97	6.164	
15,200.00	6,877.00	6,946.85	6,870.56	133.11	16.95	-84.98	-37.00	-7,253.56	896.63	746.79	149.84	5.984	
15,238.35	6,875.83	6,955.58	6,877.80	133.75	16.96	-85.45	-37.51	-7,258.41	895.91	745.38	150.54	5.951 CC, ES	
15,300.00	6,873.95	6,970.21	6,889.80	134.77	16.97	-86.24	-38.63	-7,266.72	897.76	746.52	151.25	5.936 SF	
15,400.00	6,870.90	6,998.00	6,912.10	136.42	16.98	-87.70	-41.56	-7,283.03	908.48	757.04	151.44	5.999	
15,500.00	6,867.85	7,036.50	6,941.94	138.08	17.05	-89.65	-46.83	-7,306.77	927.87	777.02	150.85	6.151	
15,562.16	6,865.95	7,065.61	6,963.65	139.11	17.10	-91.06	-51.42	-7,325.61	943.65	793.42	150.23	6.281	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13N-2B-L - SRC Energy PR Well - Actu													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	6,944.10	6,524.00	6,464.40	96.87	16.68	-66.22	-255.49	-7,152.27	2,464.10	2,398.91	65.19	37.801		
13,100.00	6,941.05	6,524.00	6,464.40	98.51	16.68	-66.22	-255.49	-7,152.27	2,377.59	2,310.18	67.41	35.271		
13,200.00	6,938.00	6,524.00	6,464.40	100.15	16.68	-66.22	-255.49	-7,152.27	2,292.17	2,222.38	69.79	32.844		
13,300.00	6,934.95	6,524.00	6,464.40	101.79	16.68	-66.22	-255.49	-7,152.27	2,207.98	2,135.64	72.34	30.523		
13,400.00	6,931.90	6,559.45	6,498.79	103.43	16.70	-67.75	-256.49	-7,160.84	2,124.18	2,049.02	75.16	28.263		
13,500.00	6,928.85	6,566.81	6,505.88	105.08	16.70	-68.07	-256.70	-7,162.81	2,042.45	1,964.35	78.10	26.152		
13,600.00	6,925.80	6,574.76	6,513.51	106.72	16.70	-68.41	-256.93	-7,165.02	1,962.31	1,881.06	81.25	24.152		
13,700.00	6,922.75	6,583.38	6,521.76	108.36	16.70	-68.79	-257.18	-7,167.49	1,883.97	1,799.35	84.62	22.264		
13,800.00	6,919.70	6,616.00	6,552.73	110.01	16.72	-70.22	-258.11	-7,177.68	1,808.05	1,719.81	88.24	20.489		
13,900.00	6,916.65	6,616.00	6,552.73	111.66	16.72	-70.22	-258.11	-7,177.68	1,733.68	1,641.62	92.06	18.832		
14,000.00	6,913.60	6,616.00	6,552.73	113.30	16.72	-70.22	-258.11	-7,177.68	1,661.99	1,565.89	96.11	17.293		
14,100.00	6,910.55	6,616.00	6,552.73	114.95	16.72	-70.22	-258.11	-7,177.68	1,593.37	1,492.99	100.38	15.874		
14,200.00	6,907.50	6,616.00	6,552.73	116.60	16.72	-70.22	-258.11	-7,177.68	1,528.20	1,423.36	104.85	14.576		
14,300.00	6,904.45	6,616.00	6,552.73	118.25	16.72	-70.22	-258.11	-7,177.68	1,466.97	1,357.49	109.48	13.399		
14,400.00	6,901.40	6,648.73	6,583.34	119.90	16.72	-71.67	-259.78	-7,189.13	1,408.82	1,294.41	114.41	12.314		
14,500.00	6,898.35	6,658.58	6,592.45	121.55	16.72	-72.11	-260.56	-7,192.81	1,356.07	1,236.75	119.32	11.365		
14,600.00	6,895.30	6,669.08	6,602.09	123.20	16.73	-72.58	-261.54	-7,196.85	1,308.57	1,184.35	124.22	10.534		
14,700.00	6,892.25	6,709.00	6,638.12	124.85	16.74	-74.37	-266.62	-7,213.26	1,267.94	1,138.68	129.26	9.809		
14,800.00	6,889.20	6,709.00	6,638.12	126.50	16.74	-74.37	-266.62	-7,213.26	1,231.94	1,098.22	133.72	9.213		
14,900.00	6,886.15	6,709.00	6,638.12	128.15	16.74	-74.37	-266.62	-7,213.26	1,203.19	1,065.46	137.73	8.736		
15,000.00	6,883.10	6,728.40	6,655.23	129.81	16.74	-75.23	-269.60	-7,221.89	1,182.00	1,040.56	141.44	8.357		
15,100.00	6,880.05	6,760.76	6,683.18	131.46	16.75	-76.65	-274.56	-7,237.41	1,167.95	1,023.23	144.72	8.070		
15,200.00	6,877.00	6,800.34	6,716.27	133.11	16.77	-78.34	-280.59	-7,258.27	1,160.90	1,013.45	147.45	7.873		
15,300.00	6,873.95	6,925.58	6,812.01	134.77	16.92	-83.24	-294.95	-7,337.36	1,158.94	1,007.97	150.97	7.677		
15,400.00	6,870.90	7,051.12	6,890.60	136.42	17.41	-87.28	-299.26	-7,434.84	1,156.67	1,002.63	154.04	7.509		
15,500.00	6,867.85	7,149.75	6,935.90	138.08	18.20	-89.66	-300.03	-7,522.28	1,156.30	999.54	156.75	7.377		
15,535.15	6,866.77	7,189.51	6,949.26	138.66	18.58	-90.37	-299.91	-7,559.71	1,156.29	998.51	157.77	7.329		
15,562.16	6,865.95	7,218.94	6,957.54	139.11	19.01	-90.83	-299.71	-7,587.95	1,156.25	997.57	158.68	7.287 CC, ES, SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13N-2C-L - SRC Energy PR Well - Actu													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1952-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	6,941.05	6,578.34	6,512.70	98.51	17.12	-71.23	-442.56	-7,155.60	2,462.55	2,388.88	73.67	33.428		
13,200.00	6,938.00	6,581.02	6,515.32	100.15	17.12	-71.34	-442.95	-7,156.01	2,380.12	2,303.87	76.25	31.215		
13,300.00	6,934.95	6,615.00	6,548.34	101.79	17.17	-72.73	-448.34	-7,161.92	2,299.98	2,220.73	79.26	29.020		
13,400.00	6,931.90	6,615.00	6,548.34	103.43	17.17	-72.73	-448.34	-7,161.92	2,220.30	2,138.15	82.15	27.027		
13,500.00	6,928.85	6,615.00	6,548.34	105.08	17.17	-72.73	-448.34	-7,161.92	2,142.32	2,057.10	85.22	25.139		
13,600.00	6,925.80	6,615.00	6,548.34	106.72	17.17	-72.73	-448.34	-7,161.92	2,066.24	1,977.77	88.47	23.356		
13,700.00	6,922.75	6,615.00	6,548.34	108.36	17.17	-72.73	-448.34	-7,161.92	1,992.27	1,900.38	91.89	21.680		
13,800.00	6,919.70	6,615.00	6,548.34	110.01	17.17	-72.73	-448.34	-7,161.92	1,920.66	1,825.16	95.50	20.111		
13,900.00	6,916.65	6,615.00	6,548.34	111.66	17.17	-72.73	-448.34	-7,161.92	1,851.69	1,752.41	99.28	18.651		
14,000.00	6,913.60	6,615.00	6,548.34	113.30	17.17	-72.73	-448.34	-7,161.92	1,785.66	1,682.43	103.23	17.299		
14,100.00	6,910.55	6,615.00	6,548.34	114.95	17.17	-72.73	-448.34	-7,161.92	1,722.90	1,615.59	107.31	16.055		
14,200.00	6,907.50	6,632.71	6,565.42	116.60	17.18	-73.45	-451.15	-7,165.62	1,663.71	1,552.00	111.71	14.894		
14,300.00	6,904.45	6,661.17	6,592.78	118.25	17.20	-74.61	-454.84	-7,172.53	1,608.28	1,492.01	116.27	13.832		
14,400.00	6,901.40	14,400.00	6,692.49	119.90	21.50	-78.81	-457.62	-7,208.06	1,555.63	1,427.70	127.93	12.160		
14,500.00	6,898.35	6,828.92	6,749.12	121.55	17.24	-81.21	-454.78	-7,231.88	1,506.23	1,380.82	125.40	12.011		
14,600.00	6,895.30	6,847.50	6,765.60	123.20	17.25	-81.92	-453.20	-7,240.32	1,461.16	1,331.40	129.77	11.260		
14,700.00	6,892.25	6,869.06	6,784.34	124.85	17.25	-82.73	-451.37	-7,250.81	1,421.10	1,287.11	133.98	10.606		
14,800.00	6,889.20	6,898.00	6,808.81	126.50	17.25	-83.80	-448.94	-7,266.06	1,386.29	1,248.34	137.96	10.049		
14,900.00	6,886.15	6,898.00	6,808.81	128.15	17.25	-83.80	-448.94	-7,266.06	1,357.35	1,215.63	141.72	9.578		
15,000.00	6,883.10	6,928.92	6,833.86	129.81	17.29	-84.90	-446.89	-7,284.04	1,334.15	1,189.11	145.04	9.199		
15,100.00	6,880.05	6,948.82	6,849.25	131.46	17.31	-85.59	-446.13	-7,296.65	1,317.54	1,169.65	147.89	8.909		
15,200.00	6,877.00	6,990.00	6,878.98	133.11	17.35	-86.93	-445.96	-7,325.10	1,307.72	1,157.42	150.30	8.701		
15,300.00	6,873.95	6,990.00	6,878.98	134.77	17.35	-86.93	-445.96	-7,325.10	1,303.59	1,151.64	151.95	8.579		
15,303.98	6,873.82	6,990.00	6,878.98	134.83	17.35	-86.93	-445.96	-7,325.10	1,303.58	1,151.58	152.00	8.576 CC, ES		
15,400.00	6,870.90	7,020.94	6,899.51	136.42	17.43	-87.86	-447.26	-7,348.21	1,306.04	1,152.75	153.30	8.520 SF		
15,500.00	6,867.85	7,047.55	6,916.00	138.08	17.50	-88.62	-449.51	-7,368.96	1,314.72	1,160.65	154.07	8.533		
15,562.16	6,865.95	7,082.00	6,935.63	139.11	17.59	-89.52	-453.96	-7,396.91	1,323.38	1,168.70	154.68	8.556		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design										5N-67W-01 Offsets Incomplete - GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR Well - Actua				Offset Site Error:		0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1957-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:		3.28 usft		
Reference		Offset		Semi Major Axis			Distance									
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			
12,800.00	6,950.20	6,850.62	6,674.18	93.60	23.28	59.99	1,335.96	-7,157.50	2,411.94	2,365.56	46.38	52.002				
12,900.00	6,947.15	6,851.42	6,674.93	95.24	23.29	60.08	1,336.22	-7,157.55	2,314.74	2,267.53	47.20	49.036				
13,000.00	6,944.10	6,852.29	6,675.75	96.87	23.29	60.16	1,336.51	-7,157.62	2,217.78	2,169.65	48.13	46.078				
13,100.00	6,941.05	6,853.25	6,676.65	98.51	23.29	60.26	1,336.81	-7,157.69	2,121.11	2,071.93	49.18	43.133				
13,200.00	6,938.00	6,854.29	6,677.64	100.15	23.30	60.37	1,337.15	-7,157.78	2,024.75	1,974.40	50.35	40.210				
13,300.00	6,934.95	6,855.44	6,678.72	101.79	23.30	60.48	1,337.52	-7,157.87	1,928.77	1,877.08	51.69	37.315				
13,400.00	6,931.90	6,856.71	6,679.92	103.43	23.30	60.61	1,337.93	-7,157.98	1,833.20	1,780.00	53.20	34.459				
13,500.00	6,928.85	6,858.13	6,681.26	105.08	23.31	60.76	1,338.38	-7,158.11	1,738.14	1,683.22	54.92	31.650				
13,600.00	6,925.80	6,859.72	6,682.76	106.72	23.31	60.92	1,338.88	-7,158.26	1,643.65	1,586.78	56.87	28.901				
13,700.00	6,922.75	6,861.51	6,684.45	108.36	23.32	61.10	1,339.44	-7,158.43	1,549.85	1,490.75	59.10	26.222				
13,800.00	6,919.70	6,863.54	6,686.37	110.01	23.33	61.31	1,340.07	-7,158.63	1,456.86	1,395.20	61.66	23.627				
13,900.00	6,916.65	6,865.87	6,688.57	111.66	23.34	61.54	1,340.79	-7,158.88	1,364.86	1,300.26	64.60	21.128				
14,000.00	6,913.60	6,868.56	6,691.12	113.30	23.35	61.82	1,341.61	-7,159.18	1,274.04	1,206.06	67.98	18.740				
14,100.00	6,910.55	6,871.71	6,694.10	114.95	23.36	62.14	1,342.56	-7,159.56	1,184.68	1,112.79	71.90	16.478				
14,200.00	6,907.50	6,899.00	6,719.95	116.60	23.45	64.92	1,350.21	-7,163.78	1,097.77	1,020.88	76.89	14.277				
14,300.00	6,904.45	6,899.00	6,719.95	118.25	23.45	64.92	1,350.21	-7,163.78	1,012.27	930.18	82.09	12.331				
14,400.00	6,901.40	6,899.00	6,719.95	119.90	23.45	64.92	1,350.21	-7,163.78	929.65	841.55	88.10	10.552				
14,500.00	6,898.35	6,899.00	6,719.95	121.55	23.45	64.92	1,350.21	-7,163.78	850.78	755.75	95.03	8.952				
14,600.00	6,895.30	6,899.00	6,719.95	123.20	23.45	64.92	1,350.21	-7,163.78	776.79	673.87	102.92	7.547				
14,700.00	6,892.25	6,899.00	6,719.95	124.85	23.45	64.92	1,350.21	-7,163.78	709.20	597.51	111.70	6.349				
14,800.00	6,889.20	6,921.77	6,741.43	126.50	23.50	67.24	1,356.02	-7,168.61	649.41	527.65	121.76	5.333				
14,900.00	6,886.15	6,937.39	6,756.04	128.15	23.52	68.84	1,359.82	-7,172.59	600.12	468.42	131.70	4.557				
15,000.00	6,883.10	6,959.13	6,776.19	129.81	23.56	71.05	1,364.88	-7,179.01	563.60	422.77	140.83	4.002				
15,100.00	6,880.05	6,991.25	6,805.43	131.46	23.63	74.28	1,371.78	-7,190.35	541.82	393.83	147.99	3.661				
15,200.00	6,877.00	7,096.59	6,897.20	133.11	23.68	84.39	1,385.94	-7,239.61	533.45	380.38	153.07	3.485				
15,249.29	6,875.49	7,144.96	6,936.66	133.93	23.65	88.73	1,388.06	-7,267.49	532.58	378.58	154.00	3.458	CC, ES, SF			
15,300.00	6,873.95	7,197.43	6,976.94	134.77	23.61	93.17	1,387.85	-7,301.07	533.29	379.12	154.17	3.459				
15,400.00	6,870.90	7,282.32	7,036.07	136.42	23.54	99.68	1,385.81	-7,361.87	540.90	387.74	153.15	3.532				
15,500.00	6,867.85	7,350.47	7,077.38	138.08	23.50	104.13	1,385.64	-7,416.02	556.48	405.24	151.24	3.679				
15,562.16	6,865.95	7,404.45	7,105.73	139.11	23.48	107.07	1,387.33	-7,461.91	569.30	419.21	150.10	3.793				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
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
12,700.00	6,953.25	6,620.00	6,474.89	91.96	21.53	28.00	1,109.09	-7,135.03	2,489.68	2,449.93	39.75	62.627	
12,800.00	6,950.20	6,620.00	6,474.89	93.60	21.53	28.00	1,109.09	-7,135.03	2,392.17	2,352.04	40.13	59.615	
12,900.00	6,947.15	6,655.17	6,509.04	95.24	21.57	30.32	1,114.43	-7,141.44	2,293.82	2,253.26	40.55	56.562	
13,000.00	6,944.10	6,659.93	6,513.66	96.87	21.57	30.64	1,115.02	-7,142.45	2,196.45	2,155.42	41.02	53.540	
13,100.00	6,941.05	6,665.08	6,518.65	98.51	21.58	30.99	1,115.61	-7,143.58	2,099.28	2,057.72	41.56	50.511	
13,200.00	6,938.00	6,670.66	6,524.05	100.15	21.58	31.37	1,116.22	-7,144.84	2,002.34	1,960.17	42.17	47.479	
13,300.00	6,934.95	6,676.71	6,529.90	101.79	21.59	31.78	1,116.82	-7,146.26	1,905.66	1,862.78	42.88	44.447	
13,400.00	6,931.90	6,683.31	6,536.28	103.43	21.60	32.23	1,117.41	-7,147.87	1,809.26	1,765.58	43.68	41.422	
13,500.00	6,928.85	6,712.00	6,563.84	105.08	21.63	34.23	1,119.26	-7,155.59	1,713.60	1,669.14	44.47	38.538	
13,600.00	6,925.80	6,712.00	6,563.84	106.72	21.63	34.23	1,119.26	-7,155.59	1,617.65	1,572.10	45.55	35.510	
13,700.00	6,922.75	6,712.00	6,563.84	108.36	21.63	34.23	1,119.26	-7,155.59	1,522.23	1,475.39	46.84	32.502	
13,800.00	6,919.70	6,712.00	6,563.84	110.01	21.63	34.23	1,119.26	-7,155.59	1,427.43	1,379.09	48.35	29.526	
13,900.00	6,916.65	6,712.00	6,563.84	111.66	21.63	34.23	1,119.26	-7,155.59	1,333.39	1,283.26	50.13	26.598	
14,000.00	6,913.60	6,712.00	6,563.84	113.30	21.63	34.23	1,119.26	-7,155.59	1,240.29	1,188.04	52.25	23.738	
14,100.00	6,910.55	6,746.99	6,597.04	114.95	21.64	36.86	1,121.05	-7,166.46	1,146.96	1,092.80	54.16	21.176	
14,200.00	6,907.50	6,759.29	6,608.59	116.60	21.64	37.86	1,121.82	-7,170.65	1,055.25	998.37	56.88	18.554	
14,300.00	6,904.45	6,772.89	6,621.26	118.25	21.65	39.02	1,122.75	-7,175.49	964.75	904.63	60.12	16.047	
14,400.00	6,901.40	6,806.00	6,651.71	119.90	21.66	42.07	1,125.38	-7,188.21	876.19	812.52	63.67	13.761	
14,500.00	6,898.35	6,806.00	6,651.71	121.55	21.66	42.07	1,125.38	-7,188.21	788.73	719.96	68.78	11.468	
14,600.00	6,895.30	6,806.00	6,651.71	123.20	21.66	42.07	1,125.38	-7,188.21	704.62	629.58	75.04	9.390	
14,700.00	6,892.25	6,843.52	6,685.47	124.85	21.68	45.96	1,129.38	-7,204.08	623.01	541.02	81.99	7.598	
14,800.00	6,889.20	6,866.03	6,705.29	126.50	21.69	48.54	1,132.48	-7,214.27	546.47	455.35	91.12	5.997	
14,900.00	6,886.15	6,899.00	6,733.70	128.15	21.71	52.61	1,137.97	-7,230.08	476.60	374.24	102.36	4.656	
15,000.00	6,883.10	6,918.76	6,750.30	129.81	21.72	55.19	1,141.74	-7,240.10	415.94	300.18	115.76	3.593	
15,100.00	6,880.05	6,950.70	6,776.36	131.46	21.74	59.51	1,148.41	-7,257.33	368.83	238.70	130.13	2.834	
15,200.00	6,877.00	6,992.00	6,808.47	133.11	21.77	65.23	1,158.08	-7,281.42	339.67	196.70	142.96	2.376	
15,300.00	6,873.95	7,052.05	6,851.68	134.77	21.79	73.23	1,171.66	-7,320.78	329.98	178.44	151.54	2.178	
15,309.96	6,873.64	7,059.86	6,856.97	134.93	21.79	74.22	1,173.23	-7,326.31	329.91	177.77	152.14	2.169 CC, ES	
15,400.00	6,870.90	7,140.87	6,906.73	136.42	21.79	83.44	1,186.83	-7,388.65	334.38	178.65	155.73	2.147 SF	
15,500.00	6,867.85	7,225.97	6,948.42	138.08	21.80	90.98	1,197.58	-7,461.97	346.28	189.78	156.50	2.213	
15,562.16	6,865.95	7,273.90	6,967.68	139.11	21.82	94.33	1,205.07	-7,505.21	358.16	202.14	156.02	2.296	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 33N-2B-L - SRC Energy PR Well - Actu		Offset Site Error:		0.00 usft	
Survey Program:											20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
12,900.00	6,947.15	6,529.00	6,471.25	95.24	16.75	-57.12	111.81	-7,154.50	2,415.36	2,363.58	51.78	46.648				
13,000.00	6,944.10	6,529.00	6,471.25	96.87	16.75	-57.12	111.81	-7,154.50	2,322.61	2,269.31	53.30	43.575				
13,100.00	6,941.05	6,529.00	6,471.25	98.51	16.75	-57.12	111.81	-7,154.50	2,230.48	2,175.52	54.96	40.584				
13,200.00	6,938.00	6,562.11	6,503.37	100.15	16.76	-58.88	112.82	-7,162.44	2,138.04	2,081.30	56.75	37.676				
13,300.00	6,934.95	6,568.24	6,509.27	101.79	16.76	-59.21	113.02	-7,164.09	2,047.01	1,988.30	58.71	34.868				
13,400.00	6,931.90	6,574.86	6,515.62	103.43	16.76	-59.57	113.26	-7,165.94	1,956.77	1,895.92	60.85	32.158				
13,500.00	6,928.85	6,582.05	6,522.50	105.08	16.77	-59.96	113.52	-7,168.01	1,867.43	1,804.24	63.19	29.552				
13,600.00	6,925.80	6,589.87	6,529.96	106.72	16.77	-60.39	113.81	-7,170.36	1,779.11	1,713.35	65.76	27.056				
13,700.00	6,922.75	6,621.00	6,559.32	108.36	16.78	-62.11	115.08	-7,180.60	1,692.45	1,623.96	68.49	24.711				
13,800.00	6,919.70	6,621.00	6,559.32	110.01	16.78	-62.11	115.08	-7,180.60	1,606.32	1,534.71	71.61	22.431				
13,900.00	6,916.65	6,621.00	6,559.32	111.66	16.78	-62.11	115.08	-7,180.60	1,521.88	1,446.83	75.05	20.277				
14,000.00	6,913.60	6,621.00	6,559.32	113.30	16.78	-62.11	115.08	-7,180.60	1,439.44	1,360.59	78.85	18.256				
14,100.00	6,910.55	6,621.00	6,559.32	114.95	16.78	-62.11	115.08	-7,180.60	1,359.36	1,276.34	83.02	16.374				
14,200.00	6,907.50	6,653.17	6,589.11	116.60	16.79	-63.93	116.42	-7,192.67	1,280.97	1,193.53	87.44	14.650				
14,300.00	6,904.45	6,667.44	6,602.11	118.25	16.79	-64.74	116.97	-7,198.51	1,205.81	1,113.43	92.38	13.052				
14,400.00	6,901.40	6,683.39	6,616.50	119.90	16.79	-65.66	117.56	-7,205.38	1,133.97	1,036.21	97.77	11.599				
14,500.00	6,898.35	6,714.00	6,643.59	121.55	16.80	-67.43	118.60	-7,219.58	1,066.20	962.71	103.49	10.303				
14,600.00	6,895.30	6,714.00	6,643.59	123.20	16.80	-67.43	118.60	-7,219.58	1,002.68	892.84	109.84	9.128				
14,700.00	6,892.25	6,744.57	6,669.90	124.85	16.81	-69.20	119.56	-7,235.10	944.48	828.18	116.30	8.121				
14,800.00	6,889.20	6,771.19	6,692.12	126.50	16.83	-70.74	120.38	-7,249.73	892.38	769.42	122.96	7.258				
14,900.00	6,886.15	6,809.00	6,722.49	128.15	16.85	-72.90	121.51	-7,272.23	847.11	717.61	129.50	6.541				
15,000.00	6,883.10	6,841.80	6,747.55	129.81	16.90	-74.73	122.58	-7,293.35	809.05	673.25	135.81	5.957				
15,100.00	6,880.05	6,890.54	6,782.34	131.46	16.99	-77.33	124.65	-7,327.40	778.39	636.95	141.45	5.503				
15,200.00	6,877.00	6,949.80	6,820.45	133.11	17.20	-80.27	127.83	-7,372.63	754.70	608.33	146.36	5.156				
15,300.00	6,873.95	7,016.46	6,857.69	134.77	17.54	-83.23	132.09	-7,427.72	737.06	586.53	150.52	4.897				
15,400.00	6,870.90	7,085.44	6,888.99	136.42	18.06	-85.80	136.33	-7,488.99	725.06	571.01	154.05	4.707				
15,500.00	6,867.85	7,169.13	6,918.85	138.08	18.97	-88.35	140.94	-7,567.01	717.20	559.87	157.33	4.559				
15,562.16	6,865.95	7,225.99	6,935.15	139.11	19.75	-89.79	143.90	-7,621.39	713.61	554.24	159.37	4.478	CC, ES, SF			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1777-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	6,950.20	6,618.00	6,550.71	93.60	17.21	-52.91	325.18	-7,165.77	2,448.58	2,403.80	44.78	54.676		
12,900.00	6,947.15	6,618.00	6,550.71	95.24	17.21	-52.91	325.18	-7,165.77	2,352.49	2,306.72	45.77	51.401		
13,000.00	6,944.10	6,618.00	6,550.71	96.87	17.21	-52.91	325.18	-7,165.77	2,256.74	2,209.89	46.85	48.171		
13,100.00	6,941.05	6,618.00	6,550.71	98.51	17.21	-52.91	325.18	-7,165.77	2,161.38	2,113.34	48.04	44.991		
13,200.00	6,938.00	6,618.00	6,550.71	100.15	17.21	-52.91	325.18	-7,165.77	2,066.45	2,017.10	49.36	41.868		
13,300.00	6,934.95	6,618.00	6,550.71	101.79	17.21	-52.91	325.18	-7,165.77	1,972.03	1,921.21	50.81	38.809		
13,400.00	6,931.90	6,618.00	6,550.71	103.43	17.21	-52.91	325.18	-7,165.77	1,878.18	1,825.75	52.43	35.821		
13,500.00	6,928.85	6,618.00	6,550.71	105.08	17.21	-52.91	325.18	-7,165.77	1,785.00	1,730.76	54.24	32.912		
13,600.00	6,925.80	6,618.00	6,550.71	106.72	17.21	-52.91	325.18	-7,165.77	1,692.60	1,636.35	56.25	30.091		
13,700.00	6,922.75	6,642.80	6,574.64	108.36	17.22	-54.63	324.69	-7,172.27	1,600.68	1,542.19	58.49	27.367		
13,800.00	6,919.70	6,654.24	6,585.61	110.01	17.22	-55.44	324.68	-7,175.51	1,509.77	1,448.78	60.99	24.754		
13,900.00	6,916.65	6,667.00	6,597.79	111.66	17.23	-56.34	324.84	-7,179.30	1,419.86	1,356.07	63.79	22.257		
14,000.00	6,913.60	6,681.30	6,611.37	113.30	17.23	-57.36	325.22	-7,183.77	1,331.11	1,264.17	66.94	19.885		
14,100.00	6,910.55	6,713.00	6,641.15	114.95	17.24	-59.65	326.85	-7,194.51	1,243.89	1,173.55	70.35	17.683		
14,200.00	6,907.50	6,713.00	6,641.15	116.60	17.24	-59.65	326.85	-7,194.51	1,157.90	1,083.43	74.48	15.547		
14,300.00	6,904.45	6,713.00	6,641.15	118.25	17.24	-59.65	326.85	-7,194.51	1,074.34	995.15	79.19	13.567		
14,400.00	6,901.40	6,749.71	6,674.94	119.90	17.25	-62.36	329.80	-7,208.53	992.53	908.40	84.12	11.798		
14,500.00	6,898.35	6,771.01	6,694.14	121.55	17.26	-63.96	331.93	-7,217.50	913.88	823.96	89.92	10.164		
14,600.00	6,895.30	6,808.00	6,726.69	123.20	17.27	-66.78	336.32	-7,234.49	838.82	742.67	96.14	8.725		
14,700.00	6,892.25	6,808.00	6,726.69	124.85	17.27	-66.78	336.32	-7,234.49	767.86	663.86	104.00	7.383		
14,800.00	6,889.20	6,850.60	6,762.75	126.50	17.30	-70.08	342.14	-7,256.41	701.83	590.13	111.71	6.283		
14,900.00	6,886.15	6,884.51	6,790.19	128.15	17.31	-72.73	347.12	-7,275.69	642.37	522.14	120.23	5.343		
15,000.00	6,883.10	6,901.00	6,803.09	129.81	17.32	-74.02	349.65	-7,285.64	591.01	461.46	129.55	4.562		
15,100.00	6,880.05	6,951.56	6,841.00	131.46	17.39	-78.02	356.30	-7,318.39	548.48	410.63	137.85	3.979		
15,200.00	6,877.00	6,994.00	6,870.79	133.11	17.44	-81.37	360.03	-7,348.37	517.92	372.56	145.35	3.563		
15,300.00	6,873.95	7,026.25	6,892.19	134.77	17.53	-83.86	361.26	-7,372.47	500.27	349.29	150.98	3.313		
15,374.55	6,871.67	7,054.92	6,910.34	136.00	17.61	-86.03	360.78	-7,394.65	496.33	343.01	153.32	3.237 CC, ES		
15,400.00	6,870.90	7,065.12	6,916.59	136.42	17.64	-86.78	360.26	-7,402.70	496.79	343.04	153.75	3.231 SF		
15,500.00	6,867.85	7,112.84	6,944.17	138.08	17.84	-90.10	355.58	-7,441.33	506.79	352.73	154.06	3.290		
15,562.16	6,865.95	7,148.66	6,962.88	139.11	18.04	-92.32	350.41	-7,471.42	518.48	364.90	153.59	3.376		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4818.00usft (IKON 12)

Offset Depths are relative to Offset Datum

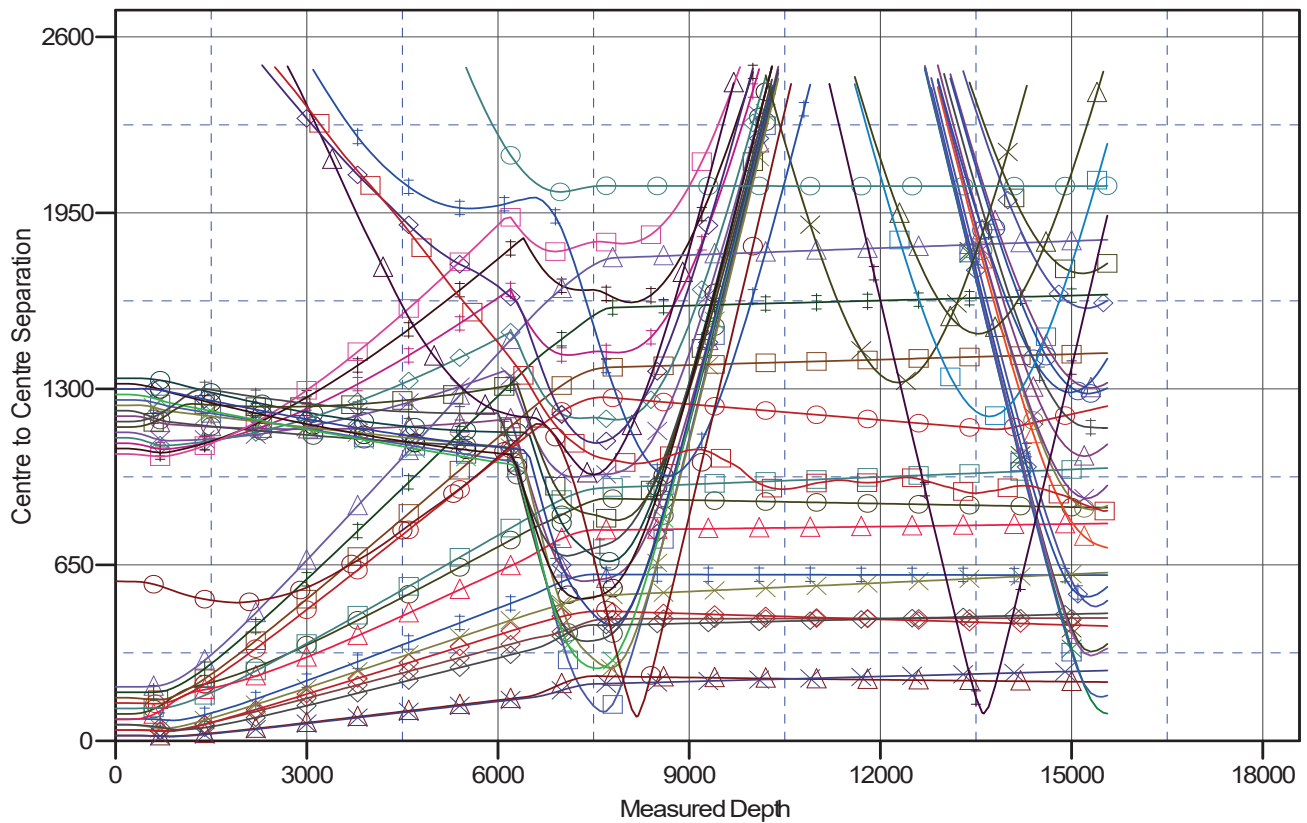
Central Meridian is -105.500000

Coordinates are relative to: VOLT 12N-6B-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

Ladder Plot



LEGEND

VOLT 36N8B-L, Wellbore#1, Design #1V0	VOLT 36N8A-L, Wellbore#1, Design #1V0	Buffederal32N-2C-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 11N8B-L, Wellbore#1, Design #1V0	VOLT 11N8B-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 13N2B-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 1330B-M, Wellbore#1, Design #1V0	VOLT 1330B-M, Wellbore#1, Design #1V0	GREELEY-RD THE 34N-2B-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 130B-M, Wellbore#1, Design #1V0	VOLT 34N8C-M, Wellbore#1, Design #1V0	Buffederal32N-2B-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 14N8B-L, Wellbore#1, Design #1V0	VOLT 23N8A-L, Wellbore#1, Design #1V0	Buffederal32N-2B-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 12N6A-M, Wellbore#1, Design #1V0	VOLT 14C-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 12N2C-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 23N8C-L, Wellbore#1, Design #1V0	VOLT 25N8A-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 13G2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 11C-L, Wellbore#1, Design #1V0	VOLT 25C-L, Wellbore#1, Design #1V0	BRANDON-D, PDCS Well, No Survey V0
VOLT 13N8B-M, Wellbore#1, Design #1V0	VOLT 320B-M, Wellbore#1, Design #1V0	WILKEN 15-6, PDCS Well, No Survey V0
VOLT 32N8B-M, Wellbore#1, Design #1V0	VOLT 12N6C-M, Wellbore#1, Design #1V0	SOUTH6-22D, SRDP&A Well, Actual VBS Survey V0
VOLT 25N8C-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 32N2B-L, SRC Energy PR Well, Actual BH Survey V0	SOUTH6-24D, SRDP&A Well, VES Gyro Survey V0
VOLT 14N8B-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 32G2-L, SRC Energy PR Well, Actual BH Survey V0	SOUTH6-23D, SRDP&A Well, Actual VBS Survey V0
VOLT 33N8C-M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 12N2A-L, SRC Energy PR Well, Actual BH Survey V0	SOUTH6-23D, SRDP&A Well, Actual VBS Survey V0
VOLT 34N8B-M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 12N2A-L, SRC Energy PR Well, Actual BH Survey V0	SOUTH6-23D, SRDP&A Well, Actual VBS Survey V0
VOLT 14N8C-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 13N2C-L, SRC Energy PR Well, Actual BH Survey V0	WEDMAN2-5, Noble Energy PR Well, Actual Qrestd Survey (Grid to True) V0
VOLT 33N8C-M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 12G2-L, SRC Energy PR Well, Actual BH Survey V0	BOOMERANG28C-3-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 23N8B-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 33N2B-L, SRC Energy PR Well, Actual BH Survey V0	WEDMAN2-5, Noble Energy PR Well, Actual Qrestd Survey (Grid to True) V0
VOLT 32N8A-M, Wellbore#1, Design #1V0	Buffederal32C-2-L, SRC Energy PR Well, Actual BH Survey V0	BOOMERANG34N-6C-M, SRDP&A Well, Actual BH Survey V0
VOLT 33N8A-M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 33N2C-L, SRC Energy PR Well, Actual BH Survey V0	PSCJ541.1, Noble Energy SW Well, Actual VBS Survey (Grid to True) V0
VOLT 33C-L, Wellbore#1, Design #1V0	GREELEY-RD THE 34C-2-L, SRC Energy PR Well, Actual BH Survey V0	

Hewlett-Packard

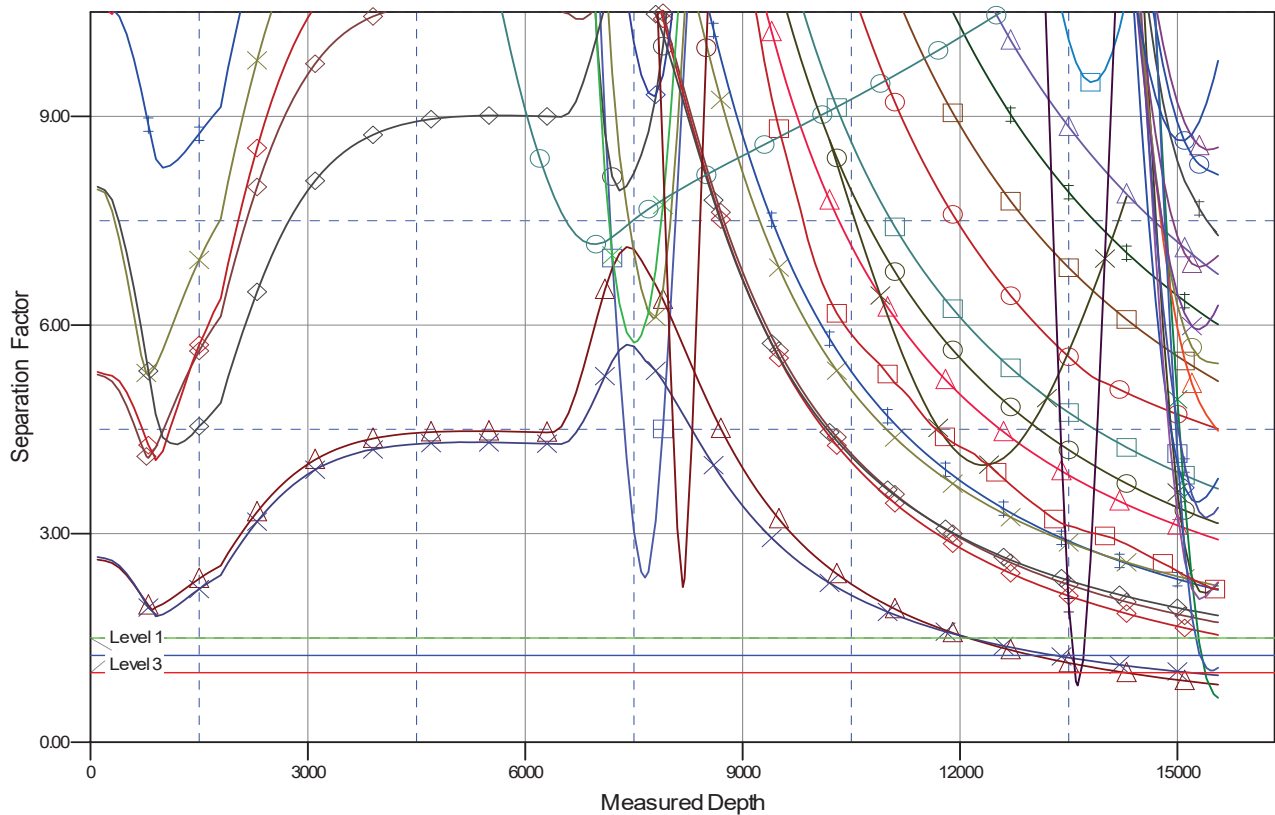
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 12N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4818.00usft (IKON 12)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: VOLT 12N-6B-M
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.45°

Separation Factor Plot



LEGEND

VOLT 36N8-L, Wellbore#1, Design #1 V0	VOLT 36N8-L, Wellbore#1, Design #1 V0	Buffederal 32N-2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 11N8-L, Wellbore#1, Design #1 V0	VOLT 11N8-L, Wellbore#1, Design #1 V0	GREELEY-ROTHE FEDERAL 13N-2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 33G6-M, Wellbore#1, Design #1 V0	VOLT 33G6-M, Wellbore#1, Design #1 V0	GREELEY-ROTHE FEDERAL 34N-2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 13G6-M, Wellbore#1, Design #1 V0	VOLT 13G6-M, Wellbore#1, Design #1 V0	Buffederal 34N-2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 14N8-L, Wellbore#1, Design #1 V0	VOLT 14N8-L, Wellbore#1, Design #1 V0	GREELEY-ROTHE FEDERAL 12N-2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 12N6-M, Wellbore#1, Design #1 V0	VOLT 12N6-M, Wellbore#1, Design #1 V0	GREELEY-ROTHE FEDERAL 13G2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 23N6-L, Wellbore#1, Design #1 V0	VOLT 23N6-L, Wellbore#1, Design #1 V0	BRANDON, PDCS Well, Actual MS Energy Survey V0
VOLT 11G3-L, Wellbore#1, Design #1 V0	VOLT 11G3-L, Wellbore#1, Design #1 V0	WILKEN 15-6, PDCS Well, No Survey V0
VOLT 13N6-M, Wellbore#1, Design #1 V0	VOLT 13N6-M, Wellbore#1, Design #1 V0	SOUTH6-22D, SRCP&A Well, Actual VBS Surveys V0
VOLT 32N6-M, Wellbore#1, Design #1 V0	VOLT 32N6-M, Wellbore#1, Design #1 V0	SOUTH6-24D, SRCP&A Well, VES Gyro Surveys V0
VOLT 25N6-L, Wellbore#1, Design #1 V0	VOLT 25N6-L, Wellbore#1, Design #1 V0	SOUTH6-23D, SRCP&A Well, Actual VBS Surveys V0
VOLT 34G6-M, Wellbore#1, Design #1 V0	VOLT 34G6-M, Wellbore#1, Design #1 V0	SOST FARM 59-SBL, Wellbore#1, Design #1 V0
VOLT 34N6-M, Wellbore#1, Design #1 V0	VOLT 34N6-M, Wellbore#1, Design #1 V0	WIEDEMAN 25-5, Noble Energy PR Well, Actual CoreSet Surveys (Grid to True) V0
VOLT 14N6-L, Wellbore#1, Design #1 V0	VOLT 14N6-L, Wellbore#1, Design #1 V0	BOOMERANG 28C-3-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 33N6-M, Wellbore#1, Design #1 V0	VOLT 33N6-M, Wellbore#1, Design #1 V0	WIEDEMAN 22-5, Noble Energy PR Well, Actual CoreSet Surveys (Grid to True) V0
VOLT 23N8-L, Wellbore#1, Design #1 V0	VOLT 23N8-L, Wellbore#1, Design #1 V0	BOOMERANG 34N-6-M, SRCP Well, Actual BH Survey V0
VOLT 33N6-M, Wellbore#1, Design #1 V0	VOLT 33N6-M, Wellbore#1, Design #1 V0	PSCJ5-11, Noble Energy SW Well, Actual VBS Survey (Grid to True) V0
VOLT 36G3-L, Wellbore#1, Design #1 V0	VOLT 36G3-L, Wellbore#1, Design #1 V0	
	GREELEY-ROTHE FEDERAL 32G2-L, SRC Energy PR Well, Actual BH Survey V0	