

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

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

VOLT 36C-3-L

Wellbore #1

Design #1

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference	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	17,893.49	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-04 Offsets Incomplete						
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,382.70	7,531.30	1,798.70	1,681.72	15.376	CC
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,400.00	7,531.31	1,798.79	1,681.56	15.344	ES
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,600.00	7,531.50	1,811.78	1,692.39	15.175	SF
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	11,028.01	7,320.44	1,817.73	1,728.33	20.332	CC, ES
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	11,300.00	7,320.98	1,837.97	1,745.87	19.957	SF
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	11,096.41	7,380.98	369.97	279.38	4.084	CC, ES, SF
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,432.07	7,579.35	345.16	227.94	2.944	CC, ES, SF
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,822.47	7,423.15	988.96	885.29	9.539	CC, ES
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,900.00	7,423.23	992.00	887.84	9.524	SF
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,330.59	7,305.94	1,085.17	1,007.11	13.902	CC, ES
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,400.00	7,305.40	1,087.38	1,008.73	13.826	SF
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,760.26	7,456.15	374.56	303.41	5.264	CC, ES, SF
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,713.28	7,438.80	1,788.63	1,718.35	25.447	CC, ES
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	10,000.00	7,440.18	1,811.47	1,738.55	24.842	SF
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv						Out of range
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B						Out of range
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S						Out of range
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	2,278.38	2,215.93	1,127.69	1,113.92	81.849	CC
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	2,300.00	2,235.69	1,127.72	1,113.88	81.523	ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	7,500.00	7,149.37	1,616.89	1,579.55	43.301	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	5,216.29	5,700.00	2,468.07	2,435.84	76.567	CC, ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	5,900.00	6,209.87	2,498.21	2,462.53	70.020	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret						Out of range

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Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	200.00	202.00	159.81	152.24	21.098	CC, ES
VOLT 11C-3-L - Wellbore #1 - Design #1	17,893.49	17,751.57	1,437.48	1,064.75	3.857	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	200.00	202.00	199.90	192.33	26.391	CC, ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	17,893.49	17,606.68	1,934.72	1,562.62	5.200	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	200.00	202.00	179.86	172.28	23.745	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	17,893.49	17,675.88	1,716.97	1,344.44	4.609	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	849.84	700.00	1,047.20	1,038.55	121.046	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	8,400.00	6,982.92	1,549.76	1,502.19	32.579	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	874.47	724.06	1,064.64	1,055.90	121.775	CC, ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	8,600.00	6,982.17	1,727.47	1,676.30	33.759	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	905.11	753.29	1,081.94	1,073.08	122.134	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	8,700.00	6,978.52	1,899.75	1,846.30	35.540	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	7,452.08	7,908.74	779.59	737.37	18.463	CC, ES
VOLT 13C-6-M - Wellbore #1 - Design #1	8,000.00	7,403.31	789.61	744.12	17.357	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,168.14	7,907.67	690.95	649.88	16.823	CC, ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,200.00	7,888.49	691.43	650.29	16.807	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	7,329.64	7,831.32	376.62	335.10	9.070	CC, ES, SF
VOLT 14C-3-L - Wellbore #1 - Design #1	200.00	201.00	79.90	72.33	10.549	CC, ES
VOLT 14C-3-L - Wellbore #1 - Design #1	17,893.49	17,804.54	834.01	460.60	2.233	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	678.87	688.84	57.47	49.18	6.933	CC
VOLT 14N-3B-L - Wellbore #1 - Design #1	700.00	710.30	57.50	49.16	6.893	ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	17,893.49	17,613.99	710.72	347.70	1.958	SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	705.11	711.07	34.77	26.43	4.167	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	17,893.49	17,708.72	442.81	80.10	1.221	Level 2, SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	200.00	201.00	99.95	92.38	13.196	CC, ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	17,893.49	17,507.43	937.21	579.28	2.618	SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	600.65	619.90	136.68	128.53	16.782	CC, ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	17,893.49	17,607.59	1,297.16	926.76	3.502	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	200.00	202.00	120.00	112.42	15.842	CC, ES
VOLT 23N-3C-L - Wellbore #1 - Design #1	17,893.49	17,684.98	1,079.49	708.11	2.907	SF
VOLT 25C-3-L - Wellbore #1 - Design #1	200.00	203.00	219.95	212.37	29.036	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	17,893.49	17,771.06	2,119.01	1,745.78	5.677	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	342.92	355.43	239.61	231.89	31.072	CC
VOLT 25N-3A-L - Wellbore #1 - Design #1	400.00	416.00	239.66	231.87	30.777	ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	17,893.49	17,504.58	2,188.49	1,817.53	5.900	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	200.00	203.00	259.76	252.19	34.292	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	17,893.49	17,723.32	2,360.25	1,986.84	6.321	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	989.83	835.89	1,111.65	1,102.47	121.079	CC
VOLT 32C-6-M - Wellbore #1 - Design #1	1,000.00	843.54	1,111.66	1,102.44	120.610	ES
VOLT 32C-6-M - Wellbore #1 - Design #1	9,000.00	6,950.00	2,146.31	2,089.11	37.523	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	923.15	770.27	1,101.67	1,092.73	123.216	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	9,000.00	6,800.00	2,263.64	2,207.48	40.308	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	935.31	779.02	1,142.08	1,133.09	126.926	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	9,100.00	6,850.00	2,380.99	2,322.46	40.680	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	823.81	675.63	1,029.23	1,020.67	120.222	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	8,300.00	7,200.00	1,262.85	1,214.43	26.085	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	6,992.23	7,856.23	839.83	799.09	20.615	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,000.00	7,853.57	839.87	799.10	20.604	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	800.00	644.26	1,017.42	1,008.95	120.130	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	8,200.00	7,205.75	1,162.83	1,116.50	25.097	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	7,629.78	7,679.76	68.54	25.14	1.579	CC, ES, SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	7,228.54	7,829.10	249.62	208.43	6.060	CC, ES, SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,424.19	7,758.76	139.75	97.32	3.293	CC, ES, SF

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Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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 36N-3A-L - Wellbore #1 - Design #1	800.00	796.96	16.35	7.74	1.898	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	17,893.49	17,601.54	392.83	126.88	1.477	Level 3, SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	776.41	779.37	16.09	7.55	1.884	CC
VOLT 36N-3B-L - Wellbore #1 - Design #1	17,893.49	17,664.51	281.67	-27.46	0.911	Level 1, ES, SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,268.42	15,101.55	420.03	161.26	1.623	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	9,803.21	17,580.29	451.05	113.95	1.338	Level 3, ES, SF
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	11,132.47	8,364.21	406.52	290.86	3.515	CC
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	17,893.49	15,143.99	480.39	47.55	1.110	Level 2, ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	10,718.69	7,877.81	715.39	602.96	6.363	CC
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	17,893.49	15,047.17	767.97	307.44	1.668	ES, SF

Offset Design		5N-66W-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE 2.448										Offset Well Error:	3.28 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,700.00	7,297.63	7,529.74	7,259.48	67.75	22.08	-90.18	997.54	6,149.40	2,463.09	2,388.48	74.61	33.014	
10,800.00	7,297.17	7,529.83	7,259.57	69.34	22.08	-90.18	997.54	6,149.40	2,395.88	2,318.89	76.99	31.120	
10,900.00	7,296.71	7,529.93	7,259.67	70.94	22.08	-90.18	997.54	6,149.40	2,331.03	2,251.56	79.47	29.332	
11,000.00	7,296.25	7,530.02	7,259.76	72.55	22.08	-90.19	997.54	6,149.40	2,268.74	2,186.69	82.05	27.651	
11,100.00	7,295.79	7,530.11	7,259.85	74.15	22.08	-90.19	997.54	6,149.40	2,209.22	2,124.50	84.72	26.078	
11,200.00	7,295.33	7,530.20	7,259.94	75.76	22.08	-90.19	997.53	6,149.40	2,152.70	2,065.24	87.46	24.614	
11,300.00	7,294.87	7,530.30	7,260.04	77.37	22.08	-90.20	997.53	6,149.40	2,099.42	2,009.16	90.26	23.259	
11,400.00	7,294.41	7,530.39	7,260.13	78.99	22.08	-90.20	997.53	6,149.40	2,049.64	1,956.53	93.11	22.013	
11,500.00	7,293.95	7,530.48	7,260.22	80.60	22.09	-90.20	997.53	6,149.40	2,003.62	1,907.64	95.98	20.876	
11,600.00	7,293.49	7,530.57	7,260.31	82.22	22.09	-90.20	997.53	6,149.40	1,961.62	1,862.78	98.84	19.847	
11,700.00	7,293.03	7,530.67	7,260.41	83.84	22.09	-90.21	997.53	6,149.40	1,923.90	1,822.25	101.66	18.926	
11,800.00	7,292.57	7,530.76	7,260.50	85.47	22.09	-90.21	997.53	6,149.40	1,890.73	1,786.33	104.40	18.110	
11,900.00	7,292.11	7,530.85	7,260.59	87.09	22.09	-90.21	997.53	6,149.40	1,862.35	1,755.31	107.04	17.399	
12,000.00	7,291.65	7,530.94	7,260.68	88.72	22.09	-90.22	997.53	6,149.40	1,838.96	1,729.45	109.52	16.791	
12,100.00	7,291.19	7,531.04	7,260.78	90.34	22.09	-90.22	997.53	6,149.40	1,820.78	1,708.97	111.81	16.284	
12,200.00	7,290.73	7,531.13	7,260.87	91.97	22.09	-90.22	997.53	6,149.40	1,807.96	1,694.08	113.88	15.876	
12,300.00	7,290.27	7,531.22	7,260.96	93.61	22.09	-90.23	997.53	6,149.40	1,800.60	1,684.91	115.69	15.563	
12,382.70	7,289.89	7,531.30	7,261.04	94.96	22.09	-90.23	997.53	6,149.40	1,798.70	1,681.72	116.98	15.376	CC
12,400.00	7,289.81	7,531.31	7,261.05	95.24	22.09	-90.23	997.53	6,149.40	1,798.79	1,681.56	117.23	15.344	ES
12,500.00	7,289.35	7,531.41	7,261.15	96.87	22.09	-90.23	997.53	6,149.41	1,802.52	1,684.06	118.46	15.216	
12,600.00	7,288.89	7,531.50	7,261.24	98.51	22.09	-90.23	997.53	6,149.41	1,811.78	1,692.39	119.39	15.175	SF
12,700.00	7,288.43	7,531.59	7,261.33	100.15	22.09	-90.24	997.53	6,149.41	1,826.48	1,706.46	120.01	15.219	
12,800.00	7,287.97	7,531.68	7,261.42	101.78	22.09	-90.24	997.53	6,149.41	1,846.48	1,726.14	120.34	15.344	
12,900.00	7,287.51	7,531.78	7,261.52	103.42	22.09	-90.24	997.53	6,149.41	1,871.61	1,751.23	120.38	15.547	
13,000.00	7,287.05	7,531.87	7,261.61	105.06	22.09	-90.25	997.53	6,149.41	1,901.68	1,781.52	120.16	15.826	
13,100.00	7,286.59	7,531.96	7,261.70	106.70	22.09	-90.25	997.53	6,149.41	1,936.46	1,816.74	119.71	16.176	
13,200.00	7,286.13	7,532.06	7,261.79	108.34	22.09	-90.25	997.53	6,149.41	1,975.68	1,856.62	119.06	16.594	
13,300.00	7,285.67	7,532.15	7,261.89	109.99	22.09	-90.25	997.53	6,149.41	2,019.10	1,900.88	118.23	17.078	
13,400.00	7,285.21	7,532.24	7,261.98	111.63	22.10	-90.26	997.53	6,149.41	2,066.46	1,949.21	117.25	17.625	
13,500.00	7,284.75	7,532.33	7,262.07	113.28	22.10	-90.26	997.53	6,149.41	2,117.48	2,001.32	116.15	18.230	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)										Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,600.00	7,284.29	7,532.43	7,262.17	114.92	22.10	-90.26	997.53	6,149.41	2,171.90	2,056.94	114.96	18.892	
13,700.00	7,283.83	7,532.52	7,262.26	116.57	22.10	-90.27	997.53	6,149.41	2,229.49	2,115.79	113.70	19.608	
13,800.00	7,283.37	7,532.61	7,262.35	118.21	22.10	-90.27	997.53	6,149.41	2,290.00	2,177.60	112.40	20.374	
13,900.00	7,282.91	7,532.70	7,262.44	119.86	22.10	-90.27	997.53	6,149.41	2,353.20	2,242.14	111.06	21.188	
14,000.00	7,282.45	7,532.80	7,262.54	121.51	22.10	-90.28	997.52	6,149.41	2,418.89	2,309.18	109.71	22.048	
14,100.00	7,281.99	7,532.89	7,262.63	123.16	22.10	-90.28	997.52	6,149.41	2,486.86	2,378.50	108.36	22.951	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,400.00	7,303.61	7,317.21	7,263.74	47.49	16.12	-90.08	1,010.59	4,794.64	2,440.20	2,382.00	58.20	41.929	
9,500.00	7,303.15	7,317.41	7,263.93	49.00	16.12	-90.09	1,010.59	4,794.64	2,374.65	2,314.70	59.95	39.613	
9,600.00	7,302.69	7,317.61	7,264.13	50.52	16.12	-90.09	1,010.59	4,794.64	2,311.57	2,249.79	61.78	37.418	
9,700.00	7,302.23	7,317.81	7,264.33	52.06	16.12	-90.10	1,010.59	4,794.64	2,251.17	2,187.48	63.69	35.348	
9,800.00	7,301.77	7,318.01	7,264.53	53.60	16.12	-90.11	1,010.59	4,794.64	2,193.66	2,128.00	65.67	33.407	
9,900.00	7,301.31	7,318.20	7,264.73	55.14	16.12	-90.11	1,010.59	4,794.64	2,139.29	2,071.58	67.71	31.596	
10,000.00	7,300.85	7,318.40	7,264.93	56.70	16.12	-90.12	1,010.59	4,794.65	2,088.29	2,018.49	69.80	29.918	
10,100.00	7,300.39	7,318.60	7,265.13	58.26	16.12	-90.13	1,010.59	4,794.65	2,040.92	1,968.99	71.93	28.374	
10,200.00	7,299.93	7,318.80	7,265.32	59.83	16.12	-90.13	1,010.58	4,794.65	1,997.43	1,923.36	74.08	26.965	
10,300.00	7,299.47	7,319.00	7,265.52	61.40	16.12	-90.14	1,010.58	4,794.65	1,958.10	1,881.88	76.22	25.690	
10,400.00	7,299.01	7,319.20	7,265.72	62.98	16.12	-90.15	1,010.58	4,794.65	1,923.16	1,844.82	78.34	24.550	
10,500.00	7,298.55	7,319.40	7,265.92	64.57	16.12	-90.15	1,010.58	4,794.65	1,892.87	1,812.46	80.40	23.542	
10,600.00	7,298.09	7,319.59	7,266.12	66.15	16.12	-90.16	1,010.58	4,794.65	1,867.44	1,785.05	82.39	22.665	
10,700.00	7,297.63	7,319.79	7,266.32	67.75	16.12	-90.16	1,010.58	4,794.65	1,847.09	1,762.81	84.28	21.917	
10,800.00	7,297.17	7,319.99	7,266.52	69.34	16.12	-90.17	1,010.58	4,794.66	1,831.98	1,745.95	86.03	21.295	
10,900.00	7,296.71	7,320.19	7,266.71	70.94	16.13	-90.18	1,010.58	4,794.66	1,822.23	1,734.61	87.62	20.796	
11,000.00	7,296.25	7,320.39	7,266.91	72.55	16.13	-90.18	1,010.58	4,794.66	1,817.95	1,728.91	89.04	20.417	
11,028.01	7,296.12	7,320.44	7,266.97	72.99	16.13	-90.18	1,010.58	4,794.66	1,817.73	1,728.33	89.40	20.332 CC, ES	
11,100.00	7,295.79	7,320.59	7,267.11	74.15	16.13	-90.19	1,010.58	4,794.66	1,819.16	1,728.89	90.27	20.153	
11,200.00	7,295.33	7,320.79	7,267.31	75.76	16.13	-90.20	1,010.58	4,794.66	1,825.85	1,734.56	91.28	20.002	
11,300.00	7,294.87	7,320.98	7,267.51	77.37	16.13	-90.20	1,010.58	4,794.66	1,837.97	1,745.87	92.10	19.957 SF	
11,400.00	7,294.41	7,321.18	7,267.71	78.99	16.13	-90.21	1,010.58	4,794.66	1,855.40	1,762.71	92.70	20.016	
11,500.00	7,293.95	7,321.38	7,267.91	80.60	16.13	-90.21	1,010.58	4,794.67	1,878.01	1,784.91	93.10	20.173	
11,600.00	7,293.49	7,321.58	7,268.11	82.22	16.13	-90.22	1,010.58	4,794.67	1,905.60	1,812.30	93.30	20.424	
11,700.00	7,293.03	7,321.78	7,268.30	83.84	16.13	-90.23	1,010.57	4,794.67	1,937.97	1,844.63	93.33	20.764	
11,800.00	7,292.57	7,321.98	7,268.50	85.47	16.13	-90.23	1,010.57	4,794.67	1,974.87	1,881.67	93.20	21.189	
11,900.00	7,292.11	7,322.18	7,268.70	87.09	16.13	-90.24	1,010.57	4,794.67	2,016.06	1,923.13	92.93	21.694	
12,000.00	7,291.65	7,322.38	7,268.90	88.72	16.13	-90.25	1,010.57	4,794.67	2,061.29	1,968.75	92.54	22.275	
12,100.00	7,291.19	7,322.57	7,269.10	90.34	16.13	-90.25	1,010.57	4,794.67	2,110.28	2,018.24	92.04	22.927	
12,200.00	7,290.73	7,322.77	7,269.30	91.97	16.13	-90.26	1,010.57	4,794.67	2,162.80	2,071.33	91.46	23.647	
12,300.00	7,290.27	7,322.97	7,269.50	93.61	16.13	-90.26	1,010.57	4,794.68	2,218.58	2,127.76	90.82	24.430	
12,400.00	7,289.81	7,323.17	7,269.69	95.24	16.13	-90.27	1,010.57	4,794.68	2,277.39	2,187.27	90.11	25.272	
12,500.00	7,289.35	7,323.37	7,269.89	96.87	16.13	-90.28	1,010.57	4,794.68	2,338.99	2,249.62	89.38	26.170	
12,600.00	7,288.89	7,323.57	7,270.09	98.51	16.13	-90.28	1,010.57	4,794.68	2,403.18	2,314.57	88.61	27.121	
12,700.00	7,288.43	7,323.77	7,270.29	100.15	16.13	-90.29	1,010.57	4,794.68	2,469.75	2,381.93	87.83	28.121	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,700.00	7,306.83	7,350.50	7,224.05	37.30	17.10	-84.32	-437.43	4,868.87	2,424.61	2,383.41	41.21	58.842		
8,800.00	7,306.37	7,351.77	7,225.32	38.70	17.10	-84.51	-437.41	4,868.89	2,325.84	2,284.37	41.47	56.081		
8,900.00	7,305.91	7,353.04	7,226.59	40.12	17.10	-84.71	-437.39	4,868.91	2,227.18	2,185.41	41.77	53.324		
9,000.00	7,305.45	7,354.31	7,227.86	41.56	17.11	-84.90	-437.37	4,868.94	2,128.64	2,086.55	42.09	50.570		
9,100.00	7,304.99	7,355.58	7,229.14	43.02	17.11	-85.10	-437.35	4,868.96	2,030.24	1,987.79	42.46	47.821		
9,200.00	7,304.53	7,356.86	7,230.41	44.50	17.11	-85.30	-437.32	4,868.98	1,932.01	1,889.15	42.86	45.076		
9,300.00	7,304.07	7,358.13	7,231.68	45.99	17.11	-85.49	-437.30	4,869.00	1,833.97	1,790.65	43.32	42.339		
9,400.00	7,303.61	7,359.40	7,232.95	47.49	17.12	-85.69	-437.28	4,869.02	1,736.15	1,692.32	43.83	39.609		
9,500.00	7,303.15	7,360.67	7,234.22	49.00	17.12	-85.89	-437.26	4,869.05	1,638.60	1,594.18	44.42	36.889		
9,600.00	7,302.69	7,361.94	7,235.49	50.52	17.12	-86.08	-437.24	4,869.07	1,541.35	1,496.26	45.09	34.181		
9,700.00	7,302.23	7,363.22	7,236.76	52.06	17.12	-86.28	-437.22	4,869.09	1,444.48	1,398.61	45.87	31.488		
9,800.00	7,301.77	7,364.49	7,238.04	53.60	17.13	-86.47	-437.19	4,869.11	1,348.07	1,301.29	46.78	28.815		
9,900.00	7,301.31	7,365.76	7,239.31	55.14	17.13	-86.67	-437.17	4,869.13	1,252.22	1,204.36	47.85	26.168		
10,000.00	7,300.85	7,367.03	7,240.58	56.70	17.13	-86.87	-437.15	4,869.16	1,157.07	1,107.94	49.12	23.554		
10,100.00	7,300.39	7,368.30	7,241.85	58.26	17.13	-87.06	-437.13	4,869.18	1,062.80	1,012.16	50.65	20.984		
10,200.00	7,299.93	7,369.58	7,243.12	59.83	17.14	-87.26	-437.11	4,869.20	969.69	917.19	52.50	18.471		
10,300.00	7,299.47	7,370.85	7,244.39	61.40	17.14	-87.46	-437.09	4,869.22	878.09	823.33	54.76	16.036		
10,400.00	7,299.01	7,372.12	7,245.66	62.98	17.14	-87.66	-437.06	4,869.24	788.53	730.98	57.55	13.701		
10,500.00	7,298.55	7,373.39	7,246.94	64.57	17.14	-87.85	-437.04	4,869.26	701.80	640.77	61.03	11.500		
10,600.00	7,298.09	7,374.66	7,248.21	66.15	17.14	-88.05	-437.02	4,869.29	619.08	553.73	65.35	9.474		
10,700.00	7,297.63	7,375.93	7,249.48	67.75	17.15	-88.25	-437.00	4,869.31	542.21	471.57	70.64	7.675		
10,800.00	7,297.17	7,377.21	7,250.75	69.34	17.15	-88.44	-436.98	4,869.33	474.05	397.19	76.86	6.168		
10,900.00	7,296.71	7,378.48	7,252.02	70.94	17.15	-88.64	-436.95	4,869.35	418.86	335.46	83.41	5.022		
11,000.00	7,296.25	7,379.75	7,253.29	72.55	17.15	-88.84	-436.93	4,869.37	382.32	293.59	88.73	4.309		
11,096.41	7,295.80	7,380.98	7,254.52	74.09	17.16	-89.03	-436.91	4,869.40	369.97	279.38	90.59	4.084 CC, ES, SF		
11,100.00	7,295.79	7,381.02	7,254.57	74.15	17.16	-89.03	-436.91	4,869.40	369.98	279.41	90.58	4.085		
11,200.00	7,295.33	7,382.29	7,255.84	75.76	17.16	-89.23	-436.89	4,869.42	384.19	296.29	87.91	4.371		
11,300.00	7,294.87	7,383.57	7,257.11	77.37	17.16	-89.43	-436.87	4,869.44	422.28	340.17	82.10	5.143		
11,400.00	7,294.41	7,384.84	7,258.38	78.99	17.16	-89.62	-436.85	4,869.46	478.57	403.14	75.43	6.345		
11,500.00	7,293.95	7,386.11	7,259.65	80.60	17.17	-89.82	-436.82	4,869.48	547.48	478.17	69.31	7.900		
11,600.00	7,293.49	7,387.38	7,260.92	82.22	17.17	-90.02	-436.80	4,869.51	624.85	560.64	64.21	9.732		
11,700.00	7,293.03	7,388.65	7,262.19	83.84	17.17	-90.22	-436.78	4,869.53	707.91	647.78	60.12	11.774		
11,800.00	7,292.57	7,389.93	7,263.47	85.47	17.17	-90.41	-436.76	4,869.55	794.88	737.97	56.90	13.969		
11,900.00	7,292.11	7,408.80	7,264.74	87.09	17.26	-90.61	-436.74	4,869.57	884.60	830.16	54.45	16.247		
12,000.00	7,291.65	7,392.47	7,266.01	88.72	17.18	-90.81	-436.72	4,869.59	976.33	923.97	52.36	18.647		
12,100.00	7,291.19	7,406.26	7,267.28	90.34	17.24	-91.00	-436.69	4,869.62	1,069.53	1,018.71	50.82	21.045		
12,200.00	7,290.73	7,404.99	7,268.55	91.97	17.23	-91.20	-436.67	4,869.64	1,163.87	1,114.33	49.53	23.496		
12,300.00	7,290.27	7,403.72	7,269.82	93.61	17.22	-91.40	-436.65	4,869.66	1,259.07	1,210.58	48.50	25.962		
12,400.00	7,289.81	7,397.56	7,271.10	95.24	17.19	-91.59	-436.63	4,869.68	1,354.97	1,307.34	47.63	28.446		
12,500.00	7,289.35	7,401.17	7,272.37	96.87	17.20	-91.79	-436.61	4,869.70	1,451.42	1,404.45	46.97	30.900		
12,600.00	7,288.89	7,400.10	7,273.64	98.51	17.19	-91.99	-436.59	4,869.73	1,548.32	1,501.90	46.41	33.359		
12,700.00	7,288.43	7,401.37	7,274.91	100.15	17.20	-92.18	-436.56	4,869.75	1,645.59	1,599.61	45.97	35.793		
12,800.00	7,287.97	7,402.64	7,276.18	101.78	17.21	-92.38	-436.54	4,869.77	1,743.16	1,697.54	45.62	38.211		
12,900.00	7,287.51	7,403.92	7,277.45	103.42	17.20	-92.57	-436.52	4,869.79	1,841.00	1,795.69	45.31	40.631		
13,000.00	7,287.05	7,405.19	7,278.72	105.06	17.23	-92.77	-436.50	4,869.81	1,939.06	1,893.96	45.10	42.995		
13,100.00	7,286.59	7,406.46	7,280.00	106.70	17.24	-92.97	-436.48	4,869.83	2,037.30	1,992.38	44.92	45.359		
13,200.00	7,286.13	7,407.73	7,281.27	108.34	17.25	-93.16	-436.46	4,869.86	2,135.71	2,090.94	44.77	47.703		
13,300.00	7,285.67	7,409.00	7,282.54	109.99	17.21	-93.36	-436.43	4,869.88	2,234.25	2,189.64	44.61	50.083		
13,400.00	7,285.21	7,410.28	7,283.81	111.63	17.27	-93.55	-436.41	4,869.90	2,332.92	2,288.35	44.58	52.334		
13,500.00	7,284.75	7,411.55	7,285.08	113.28	17.28	-93.75	-436.39	4,869.92	2,431.70	2,387.18	44.52	54.621		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,000.00	7,300.85	7,581.51	7,256.61	56.70	22.04	-90.49	-455.77	6,205.18	2,456.44	2,411.25	45.19	54.356		
10,100.00	7,300.39	7,581.42	7,256.52	58.26	22.04	-90.47	-455.77	6,205.18	2,357.48	2,311.91	45.57	51.729		
10,200.00	7,299.93	7,581.33	7,256.43	59.83	22.04	-90.46	-455.77	6,205.18	2,258.60	2,212.61	45.99	49.109		
10,300.00	7,299.47	7,581.24	7,256.34	61.40	22.04	-90.45	-455.77	6,205.18	2,159.83	2,113.38	46.45	46.495		
10,400.00	7,299.01	7,581.15	7,256.26	62.98	22.04	-90.43	-455.77	6,205.18	2,061.18	2,014.22	46.96	43.889		
10,500.00	7,298.55	7,581.06	7,256.17	64.57	22.04	-90.42	-455.77	6,205.18	1,962.66	1,915.13	47.53	41.291		
10,600.00	7,298.09	7,580.97	7,256.08	66.15	22.04	-90.40	-455.77	6,205.18	1,864.30	1,816.14	48.17	38.704		
10,700.00	7,297.63	7,580.89	7,255.99	67.75	22.04	-90.39	-455.77	6,205.18	1,766.13	1,717.25	48.89	36.128		
10,800.00	7,297.17	7,580.80	7,255.90	69.34	22.04	-90.37	-455.77	6,205.18	1,668.17	1,618.48	49.70	33.567		
10,900.00	7,296.71	7,580.71	7,255.81	70.94	22.04	-90.36	-455.77	6,205.18	1,570.47	1,519.85	50.62	31.022		
11,000.00	7,296.25	7,580.62	7,255.72	72.55	22.04	-90.34	-455.77	6,205.18	1,473.08	1,421.39	51.69	28.498		
11,100.00	7,295.79	7,580.53	7,255.63	74.15	22.04	-90.33	-455.77	6,205.18	1,376.07	1,323.14	52.93	26.000		
11,200.00	7,295.33	7,580.44	7,255.55	75.76	22.04	-90.31	-455.77	6,205.18	1,279.51	1,225.14	54.37	23.533		
11,300.00	7,294.87	7,580.35	7,255.46	77.37	22.04	-90.30	-455.77	6,205.18	1,183.52	1,127.45	56.08	21.105		
11,400.00	7,294.41	7,580.26	7,255.37	78.99	22.04	-90.28	-455.77	6,205.18	1,088.26	1,030.15	58.11	18.727		
11,500.00	7,293.95	7,580.18	7,255.28	80.60	22.04	-90.27	-455.77	6,205.18	993.93	933.37	60.57	16.411		
11,600.00	7,293.49	7,580.09	7,255.19	82.22	22.04	-90.25	-455.77	6,205.18	900.82	837.27	63.55	14.174		
11,700.00	7,293.03	7,580.00	7,255.10	83.84	22.04	-90.24	-455.77	6,205.17	809.36	742.13	67.24	12.037		
11,800.00	7,292.57	7,579.91	7,255.01	85.47	22.04	-90.22	-455.77	6,205.17	720.18	648.36	71.82	10.028		
11,900.00	7,292.11	7,579.82	7,254.92	87.09	22.04	-90.21	-455.77	6,205.17	634.22	556.67	77.55	8.178		
12,000.00	7,291.65	7,579.73	7,254.84	88.72	22.04	-90.20	-455.77	6,205.17	553.01	468.31	84.71	6.529		
12,100.00	7,291.19	7,579.64	7,254.75	90.34	22.04	-90.18	-455.77	6,205.17	478.97	385.55	93.42	5.127		
12,200.00	7,290.73	7,579.55	7,254.66	91.97	22.04	-90.17	-455.77	6,205.17	415.93	312.68	103.25	4.028		
12,300.00	7,290.27	7,579.47	7,254.57	93.61	22.04	-90.15	-455.77	6,205.17	369.57	257.17	112.39	3.288		
12,400.00	7,289.81	7,579.38	7,254.48	95.24	22.04	-90.14	-455.77	6,205.17	346.65	229.44	117.21	2.958		
12,432.07	7,289.66	7,579.35	7,254.45	95.76	22.04	-90.13	-455.77	6,205.17	345.16	227.94	117.23	2.944	CC, ES, SF	
12,500.00	7,289.35	7,579.29	7,254.39	96.87	22.04	-90.12	-455.77	6,205.17	351.78	237.15	114.63	3.069		
12,600.00	7,288.89	7,579.20	7,254.30	98.51	22.04	-90.11	-455.77	6,205.17	383.84	277.86	105.98	3.622		
12,700.00	7,288.43	7,579.11	7,254.21	100.15	22.04	-90.09	-455.77	6,205.17	436.94	341.61	95.34	4.583		
12,800.00	7,287.97	7,579.02	7,254.13	101.78	22.04	-90.08	-455.76	6,205.17	504.49	418.93	85.55	5.897		
12,900.00	7,287.51	7,578.93	7,254.04	103.42	22.04	-90.06	-455.76	6,205.17	581.46	503.92	77.54	7.499		
13,000.00	7,287.05	7,578.84	7,253.95	105.06	22.04	-90.05	-455.76	6,205.17	664.59	593.34	71.24	9.328		
13,100.00	7,286.59	7,578.76	7,253.86	106.70	22.04	-90.03	-455.76	6,205.17	751.84	685.49	66.35	11.331		
13,200.00	7,286.13	7,578.67	7,253.77	108.34	22.04	-90.02	-455.76	6,205.17	841.93	779.39	62.54	13.462		
13,300.00	7,285.67	7,578.58	7,253.68	109.99	22.04	-90.00	-455.76	6,205.17	934.04	874.49	59.55	15.685		
13,400.00	7,285.21	7,578.49	7,253.59	111.63	22.04	-89.99	-455.76	6,205.17	1,027.63	970.44	57.19	17.970		
13,500.00	7,284.75	7,578.40	7,253.50	113.28	22.04	-89.97	-455.76	6,205.17	1,122.32	1,067.02	55.30	20.296		
13,600.00	7,284.29	7,578.31	7,253.42	114.92	22.04	-89.96	-455.76	6,205.17	1,217.86	1,164.08	53.78	22.645		
13,700.00	7,283.83	7,578.22	7,253.33	116.57	22.04	-89.94	-455.76	6,205.17	1,314.07	1,261.51	52.55	25.005		
13,800.00	7,283.37	7,578.13	7,253.24	118.21	22.04	-89.93	-455.76	6,205.17	1,410.80	1,359.25	51.55	27.366		
13,900.00	7,282.91	7,578.05	7,253.15	119.86	22.04	-89.92	-455.76	6,205.17	1,507.96	1,457.22	50.73	29.723		
14,000.00	7,282.45	7,577.96	7,253.06	121.51	22.04	-89.90	-455.76	6,205.17	1,605.47	1,555.40	50.06	32.069		
14,100.00	7,281.99	7,577.87	7,252.97	123.16	22.04	-89.89	-455.76	6,205.17	1,703.26	1,653.75	49.51	34.401		
14,200.00	7,281.53	7,577.78	7,252.88	124.81	22.04	-89.87	-455.76	6,205.17	1,801.30	1,752.24	49.06	36.717		
14,300.00	7,281.07	7,577.69	7,252.79	126.46	22.04	-89.86	-455.76	6,205.17	1,899.55	1,850.86	48.69	39.016		
14,400.00	7,280.61	7,577.60	7,252.71	128.11	22.04	-89.84	-455.76	6,205.17	1,997.97	1,949.58	48.38	41.296		
14,500.00	7,280.15	7,577.51	7,252.62	129.76	22.04	-89.83	-455.76	6,205.17	2,096.53	2,048.40	48.13	43.558		
14,600.00	7,279.69	7,577.42	7,252.53	131.41	22.04	-89.81	-455.76	6,205.17	2,195.23	2,147.30	47.93	45.800		
14,700.00	7,279.23	7,577.34	7,252.44	133.07	22.03	-89.80	-455.76	6,205.16	2,294.04	2,246.27	47.77	48.022		
14,800.00	7,278.77	7,577.25	7,252.35	134.72	22.03	-89.78	-455.76	6,205.16	2,392.95	2,345.30	47.64	50.225		
14,900.00	7,278.31	7,577.16	7,252.26	136.37	22.03	-89.77	-455.76	6,205.16	2,491.94	2,444.40	47.55	52.409		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,600.00	7,302.69	7,420.80	7,255.89	50.52	17.54	-89.97	185.34	5,592.73	2,432.57	2,382.92	49.66	48.989		
9,700.00	7,302.23	7,420.91	7,255.99	52.06	17.54	-89.97	185.34	5,592.73	2,341.56	2,290.80	50.76	46.128		
9,800.00	7,301.77	7,421.01	7,256.10	53.60	17.54	-89.98	185.34	5,592.73	2,251.32	2,199.34	51.97	43.317		
9,900.00	7,301.31	7,421.12	7,256.21	55.14	17.54	-89.98	185.34	5,592.73	2,161.93	2,108.63	53.30	40.563		
10,000.00	7,300.85	7,421.23	7,256.31	56.70	17.54	-89.99	185.34	5,592.73	2,073.51	2,018.76	54.75	37.874		
10,100.00	7,300.39	7,421.33	7,256.42	58.26	17.54	-90.00	185.34	5,592.73	1,986.19	1,929.85	56.34	35.255		
10,200.00	7,299.93	7,421.44	7,256.52	59.83	17.54	-90.00	185.34	5,592.73	1,900.12	1,842.04	58.08	32.716		
10,300.00	7,299.47	7,421.54	7,256.63	61.40	17.54	-90.01	185.34	5,592.73	1,815.48	1,755.49	59.99	30.265		
10,400.00	7,299.01	7,421.65	7,256.73	62.98	17.54	-90.02	185.34	5,592.73	1,732.47	1,670.40	62.08	27.909		
10,500.00	7,298.55	7,421.75	7,256.84	64.57	17.54	-90.02	185.34	5,592.73	1,651.35	1,586.99	64.36	25.658		
10,600.00	7,298.09	7,421.86	7,256.95	66.15	17.54	-90.03	185.34	5,592.73	1,572.41	1,505.56	66.85	23.520		
10,700.00	7,297.63	7,421.97	7,257.05	67.75	17.54	-90.03	185.34	5,592.73	1,495.99	1,426.42	69.57	21.504		
10,800.00	7,297.17	7,422.07	7,257.16	69.34	17.54	-90.04	185.34	5,592.73	1,422.49	1,349.99	72.50	19.619		
10,900.00	7,296.71	7,422.18	7,257.26	70.94	17.54	-90.05	185.34	5,592.73	1,352.40	1,276.74	75.66	17.874		
11,000.00	7,296.25	7,422.28	7,257.37	72.55	17.54	-90.05	185.34	5,592.74	1,286.27	1,207.25	79.02	16.277		
11,100.00	7,295.79	7,422.39	7,257.47	74.15	17.54	-90.06	185.34	5,592.74	1,224.75	1,142.19	82.56	14.835		
11,200.00	7,295.33	7,422.49	7,257.58	75.76	17.54	-90.06	185.34	5,592.74	1,168.55	1,082.35	86.20	13.556		
11,300.00	7,294.87	7,422.60	7,257.69	77.37	17.54	-90.07	185.34	5,592.74	1,118.49	1,028.63	89.86	12.447		
11,400.00	7,294.41	7,422.71	7,257.79	78.99	17.54	-90.08	185.34	5,592.74	1,075.42	981.99	93.43	11.511		
11,500.00	7,293.95	7,422.81	7,257.90	80.60	17.54	-90.08	185.34	5,592.74	1,040.21	943.48	96.73	10.753		
11,600.00	7,293.49	7,422.92	7,258.00	82.22	17.54	-90.09	185.34	5,592.74	1,013.68	914.06	99.61	10.176		
11,700.00	7,293.03	7,423.02	7,258.11	83.84	17.54	-90.10	185.34	5,592.74	996.52	894.62	101.89	9.780		
11,800.00	7,292.57	7,423.13	7,258.21	85.47	17.54	-90.10	185.33	5,592.74	989.22	885.78	103.44	9.564		
11,822.47	7,292.47	7,423.15	7,258.24	85.83	17.54	-90.10	185.33	5,592.74	988.96	885.29	103.67	9.539 CC, ES		
11,900.00	7,292.11	7,423.23	7,258.32	87.09	17.54	-90.11	185.33	5,592.74	992.00	887.84	104.16	9.524 SF		
12,000.00	7,291.65	7,423.34	7,258.43	88.72	17.54	-90.11	185.33	5,592.74	1,004.77	900.71	104.06	9.656		
12,100.00	7,291.19	7,423.45	7,258.53	90.34	17.54	-90.12	185.33	5,592.74	1,027.17	923.97	103.19	9.954		
12,200.00	7,290.73	7,423.55	7,258.64	91.97	17.54	-90.13	185.33	5,592.74	1,058.57	956.88	101.69	10.409		
12,300.00	7,290.27	7,423.66	7,258.74	93.61	17.54	-90.13	185.33	5,592.74	1,098.22	998.51	99.71	11.015		
12,400.00	7,289.81	7,423.76	7,258.85	95.24	17.54	-90.14	185.33	5,592.74	1,145.25	1,047.86	97.39	11.760		
12,500.00	7,289.35	7,423.87	7,258.95	96.87	17.54	-90.14	185.33	5,592.74	1,198.79	1,103.91	94.88	12.635		
12,600.00	7,288.89	7,423.97	7,259.06	98.51	17.54	-90.15	185.33	5,592.75	1,258.01	1,165.73	92.29	13.632		
12,700.00	7,288.43	7,424.08	7,259.17	100.15	17.54	-90.16	185.33	5,592.75	1,322.16	1,232.46	89.70	14.739		
12,800.00	7,287.97	7,424.19	7,259.27	101.78	17.54	-90.16	185.33	5,592.75	1,390.54	1,303.35	87.19	15.949		
12,900.00	7,287.51	7,424.29	7,259.38	103.42	17.54	-90.17	185.33	5,592.75	1,462.57	1,377.79	84.78	17.251		
13,000.00	7,287.05	7,424.40	7,259.48	105.06	17.54	-90.17	185.33	5,592.75	1,537.73	1,455.23	82.50	18.639		
13,100.00	7,286.59	7,424.50	7,259.59	106.70	17.54	-90.18	185.33	5,592.75	1,615.59	1,535.22	80.37	20.103		
13,200.00	7,286.13	7,424.61	7,259.69	108.34	17.54	-90.19	185.33	5,592.75	1,695.77	1,617.39	78.38	21.636		
13,300.00	7,285.67	7,424.71	7,259.80	109.99	17.54	-90.19	185.33	5,592.75	1,777.96	1,701.43	76.53	23.233		
13,400.00	7,285.21	7,424.82	7,259.91	111.63	17.55	-90.20	185.33	5,592.75	1,861.89	1,787.07	74.82	24.885		
13,500.00	7,284.75	7,424.93	7,260.01	113.28	17.55	-90.21	185.33	5,592.75	1,947.34	1,874.10	73.24	26.588		
13,600.00	7,284.29	7,425.03	7,260.12	114.92	17.55	-90.21	185.33	5,592.75	2,034.12	1,962.34	71.79	28.336		
13,700.00	7,283.83	7,425.14	7,260.22	116.57	17.55	-90.22	185.33	5,592.75	2,122.07	2,051.62	70.44	30.124		
13,800.00	7,283.37	7,425.24	7,260.33	118.21	17.55	-90.22	185.33	5,592.75	2,211.03	2,141.83	69.21	31.948		
13,900.00	7,282.91	7,425.35	7,260.43	119.86	17.55	-90.23	185.33	5,592.75	2,300.91	2,232.84	68.07	33.804		
14,000.00	7,282.45	7,425.45	7,260.54	121.51	17.55	-90.24	185.33	5,592.75	2,391.59	2,324.57	67.02	35.687		
14,100.00	7,281.99	7,425.56	7,260.65	123.16	17.55	-90.24	185.33	5,592.75	2,482.98	2,416.93	66.05	37.594		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,100.00	7,309.59	7,323.29	7,286.66	29.52	16.09	-91.18	274.86	4,100.43	2,480.49	2,438.43	42.06	58.980		
8,200.00	7,309.13	7,322.51	7,285.88	30.72	16.08	-91.14	274.86	4,100.43	2,390.97	2,348.27	42.70	56.000		
8,300.00	7,308.67	7,321.73	7,285.10	31.97	16.08	-91.10	274.87	4,100.43	2,302.31	2,258.90	43.41	53.038		
8,400.00	7,308.21	7,320.95	7,284.33	33.25	16.07	-91.06	274.87	4,100.43	2,214.62	2,170.42	44.20	50.102		
8,500.00	7,307.75	7,320.17	7,283.55	34.57	16.07	-91.01	274.87	4,100.44	2,128.01	2,082.93	45.08	47.200		
8,600.00	7,307.29	7,319.40	7,282.77	35.92	16.06	-90.97	274.88	4,100.44	2,042.63	1,996.57	46.07	44.342		
8,700.00	7,306.83	7,318.62	7,281.99	37.30	16.05	-90.93	274.88	4,100.44	1,958.63	1,911.48	47.15	41.537		
8,800.00	7,306.37	7,317.84	7,281.21	38.70	16.05	-90.89	274.88	4,100.44	1,876.21	1,827.85	48.36	38.797		
8,900.00	7,305.91	7,317.06	7,280.44	40.12	16.04	-90.85	274.89	4,100.45	1,795.56	1,745.87	49.69	36.133		
9,000.00	7,305.45	7,316.29	7,279.66	41.56	16.04	-90.81	274.89	4,100.45	1,716.96	1,665.80	51.16	33.559		
9,100.00	7,304.99	7,315.51	7,278.88	43.02	16.03	-90.77	274.90	4,100.45	1,640.68	1,587.91	52.78	31.088		
9,200.00	7,304.53	7,314.73	7,278.10	44.50	16.02	-90.73	274.90	4,100.45	1,567.08	1,512.54	54.54	28.733		
9,300.00	7,304.07	7,313.95	7,277.33	45.99	16.02	-90.69	274.90	4,100.46	1,496.54	1,440.08	56.46	26.508		
9,400.00	7,303.61	7,313.18	7,276.55	47.49	16.01	-90.65	274.91	4,100.46	1,429.52	1,371.00	58.52	24.426		
9,500.00	7,303.15	7,312.40	7,275.77	49.00	16.01	-90.60	274.91	4,100.46	1,366.54	1,305.81	60.73	22.502		
9,600.00	7,302.69	7,311.62	7,274.99	50.52	16.00	-90.56	274.91	4,100.46	1,308.17	1,245.12	63.05	20.748		
9,700.00	7,302.23	7,310.84	7,274.22	52.06	15.99	-90.52	274.92	4,100.47	1,255.07	1,189.62	65.45	19.175		
9,800.00	7,301.77	7,310.06	7,273.44	53.60	15.99	-90.48	274.92	4,100.47	1,207.93	1,140.04	67.89	17.793		
9,900.00	7,301.31	7,309.29	7,272.66	55.14	15.98	-90.44	274.92	4,100.47	1,167.47	1,097.19	70.28	16.611		
10,000.00	7,300.85	7,308.51	7,271.88	56.70	15.98	-90.40	274.93	4,100.47	1,134.40	1,061.85	72.55	15.635		
10,100.00	7,300.39	7,307.73	7,271.10	58.26	15.97	-90.36	274.93	4,100.48	1,109.39	1,034.78	74.61	14.869		
10,200.00	7,299.93	7,306.95	7,270.33	59.83	15.96	-90.32	274.93	4,100.48	1,092.99	1,016.63	76.36	14.313		
10,300.00	7,299.47	7,306.18	7,269.55	61.40	15.96	-90.28	274.94	4,100.48	1,085.60	1,007.87	77.73	13.967		
10,330.59	7,299.33	7,305.94	7,269.31	61.89	15.96	-90.26	274.94	4,100.48	1,085.17	1,007.11	78.06	13.902 CC, ES		
10,400.00	7,299.01	7,305.40	7,268.77	62.98	15.95	-90.23	274.94	4,100.48	1,087.38	1,008.73	78.65	13.826 SF		
10,500.00	7,298.55	7,304.62	7,267.99	64.57	15.95	-90.19	274.95	4,100.49	1,098.31	1,019.20	79.11	13.884		
10,600.00	7,298.09	7,303.84	7,267.22	66.15	15.94	-90.15	274.95	4,100.49	1,118.11	1,038.98	79.12	14.132		
10,700.00	7,297.63	7,303.07	7,266.44	67.75	15.93	-90.11	274.95	4,100.49	1,146.32	1,067.58	78.73	14.560		
10,800.00	7,297.17	7,302.29	7,265.66	69.34	15.93	-90.07	274.96	4,100.49	1,182.33	1,104.32	78.01	15.156		
10,900.00	7,296.71	7,301.51	7,264.88	70.94	15.92	-90.03	274.96	4,100.50	1,225.48	1,148.45	77.03	15.909		
11,000.00	7,296.25	7,300.73	7,264.11	72.55	15.92	-89.99	274.96	4,100.50	1,275.02	1,199.16	75.86	16.807		
11,100.00	7,295.79	7,300.05	7,263.33	74.15	15.91	-89.95	274.97	4,100.50	1,330.24	1,255.66	74.58	17.837		
11,200.00	7,295.33	7,300.82	7,262.55	75.76	15.92	-89.91	274.97	4,100.50	1,390.47	1,317.23	73.24	18.985		
11,300.00	7,294.87	7,301.60	7,261.77	77.37	15.92	-89.87	274.97	4,100.51	1,455.09	1,383.20	71.89	20.241		
11,400.00	7,294.41	7,302.38	7,261.00	78.99	15.93	-89.82	274.98	4,100.51	1,523.53	1,452.98	70.55	21.595		
11,500.00	7,293.95	7,303.16	7,260.22	80.60	15.94	-89.78	274.98	4,100.51	1,595.31	1,526.06	69.25	23.037		
11,600.00	7,293.49	7,303.93	7,259.44	82.22	15.94	-89.74	274.98	4,100.51	1,670.00	1,601.99	68.00	24.558		
11,700.00	7,293.03	7,304.71	7,258.66	83.84	15.95	-89.70	274.99	4,100.52	1,747.21	1,680.40	66.82	26.149		
11,800.00	7,292.57	7,305.49	7,257.88	85.47	15.95	-89.66	274.99	4,100.52	1,826.64	1,760.94	65.70	27.804		
11,900.00	7,292.11	7,306.27	7,257.11	87.09	15.96	-89.62	275.00	4,100.52	1,908.00	1,843.36	64.65	29.514		
12,000.00	7,291.65	7,307.04	7,256.33	88.72	15.97	-89.58	275.00	4,100.52	1,991.07	1,927.40	63.67	31.273		
12,100.00	7,291.19	7,292.18	7,255.55	90.34	15.90	-89.54	275.00	4,100.53	2,075.62	2,012.95	62.68	33.116		
12,200.00	7,290.73	7,308.60	7,254.77	91.97	15.98	-89.50	275.01	4,100.53	2,161.50	2,099.59	61.90	34.918		
12,300.00	7,290.27	7,309.38	7,254.00	93.61	15.98	-89.45	275.01	4,100.53	2,248.54	2,187.43	61.11	36.793		
12,400.00	7,289.81	7,289.84	7,253.22	95.24	15.89	-89.41	275.01	4,100.53	2,336.62	2,276.34	60.28	38.762		
12,500.00	7,289.35	7,289.07	7,252.44	96.87	15.89	-89.37	275.02	4,100.53	2,425.62	2,366.03	59.60	40.701		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,300.00	7,132.58	7,291.81	7,100.70	22.09	18.81	-21.19	-438.82	3,533.17	2,438.59	2,400.15	38.44	63.439		
7,400.00	7,195.84	7,350.39	7,159.28	22.78	18.91	-22.96	-438.67	3,533.12	2,363.63	2,324.66	38.96	60.660		
7,500.00	7,246.38	7,403.44	7,205.45	23.55	19.00	-27.04	-438.47	3,533.17	2,279.78	2,240.33	39.45	57.791		
7,600.00	7,282.95	7,433.27	7,242.16	24.40	19.05	-35.55	-438.28	3,533.23	2,189.03	2,149.19	39.84	54.944		
7,700.00	7,304.64	7,455.13	7,264.02	25.31	19.09	-54.37	-438.17	3,533.27	2,093.56	2,053.40	40.16	52.128		
7,800.00	7,310.97	7,461.63	7,270.52	26.27	19.10	-90.55	-438.14	3,533.28	1,995.72	1,955.33	40.39	49.407		
7,900.00	7,310.51	7,461.35	7,270.24	27.29	19.10	-90.50	-438.14	3,533.28	1,897.59	1,856.99	40.60	46.740		
8,000.00	7,310.05	7,461.07	7,269.96	28.38	19.10	-90.46	-438.14	3,533.28	1,799.67	1,758.83	40.83	44.075		
8,100.00	7,309.59	7,460.79	7,269.68	29.52	19.10	-90.42	-438.14	3,533.28	1,701.98	1,660.88	41.10	41.410		
8,200.00	7,309.13	7,460.51	7,269.40	30.72	19.10	-90.37	-438.15	3,533.28	1,604.59	1,563.17	41.41	38.748		
8,300.00	7,308.67	7,460.23	7,269.12	31.97	19.10	-90.33	-438.15	3,533.28	1,507.53	1,465.76	41.77	36.088		
8,400.00	7,308.21	7,459.95	7,268.84	33.25	19.10	-90.29	-438.15	3,533.28	1,410.88	1,368.69	42.20	33.434		
8,500.00	7,307.75	7,459.67	7,268.56	34.57	19.10	-90.25	-438.15	3,533.28	1,314.74	1,272.04	42.70	30.787		
8,600.00	7,307.29	7,459.40	7,268.28	35.92	19.10	-90.20	-438.15	3,533.28	1,219.22	1,175.91	43.31	28.151		
8,700.00	7,306.83	7,459.12	7,268.00	37.30	19.10	-90.16	-438.15	3,533.28	1,124.48	1,080.43	44.04	25.530		
8,800.00	7,306.37	7,458.84	7,267.72	38.70	19.10	-90.12	-438.15	3,533.28	1,030.72	985.78	44.94	22.933		
8,900.00	7,305.91	7,458.56	7,267.44	40.12	19.10	-90.08	-438.16	3,533.28	938.27	892.21	46.06	20.370		
9,000.00	7,305.45	7,458.28	7,267.16	41.56	19.10	-90.03	-438.16	3,533.28	847.52	800.06	47.46	17.857		
9,100.00	7,304.99	7,458.00	7,266.88	43.02	19.10	-89.99	-438.16	3,533.28	759.11	709.87	49.24	15.418		
9,200.00	7,304.53	7,457.72	7,266.61	44.50	19.10	-89.95	-438.16	3,533.27	673.94	622.43	51.50	13.086		
9,300.00	7,304.07	7,457.44	7,266.33	45.99	19.10	-89.90	-438.16	3,533.27	593.41	539.02	54.39	10.910		
9,400.00	7,303.61	7,457.16	7,266.05	47.49	19.10	-89.86	-438.16	3,533.27	519.70	461.69	58.01	8.959		
9,500.00	7,303.15	7,456.88	7,265.77	49.00	19.09	-89.82	-438.16	3,533.27	456.11	393.79	62.31	7.320		
9,600.00	7,302.69	7,456.60	7,265.49	50.52	19.09	-89.78	-438.17	3,533.27	407.41	340.61	66.80	6.099		
9,700.00	7,302.23	7,456.32	7,265.21	52.06	19.09	-89.73	-438.17	3,533.27	379.38	309.13	70.25	5.401		
9,760.26	7,301.95	7,456.15	7,265.04	52.98	19.09	-89.71	-438.17	3,533.27	374.56	303.41	71.15	5.264 CC, ES, SF		
9,800.00	7,301.77	7,456.04	7,264.93	53.60	19.09	-89.69	-438.17	3,533.27	376.67	305.54	71.13	5.296		
9,900.00	7,301.31	7,455.76	7,264.65	55.14	19.09	-89.65	-438.17	3,533.27	399.78	330.72	69.06	5.789		
10,000.00	7,300.85	7,455.48	7,264.37	56.70	19.09	-89.61	-438.17	3,533.27	444.72	379.50	65.22	6.819		
10,100.00	7,300.39	7,455.20	7,264.09	58.26	19.09	-89.56	-438.17	3,533.27	505.69	444.66	61.03	8.286		
10,200.00	7,299.93	7,454.92	7,263.81	59.83	19.09	-89.52	-438.17	3,533.27	577.64	520.35	57.29	10.082		
10,300.00	7,299.47	7,454.65	7,263.53	61.40	19.09	-89.48	-438.18	3,533.27	656.97	602.75	54.23	12.116		
10,400.00	7,299.01	7,454.37	7,263.25	62.98	19.09	-89.43	-438.18	3,533.27	741.32	689.52	51.80	14.312		
10,500.00	7,298.55	7,454.09	7,262.97	64.57	19.09	-89.39	-438.18	3,533.27	829.16	779.26	49.90	16.616		
10,600.00	7,298.09	7,453.81	7,262.69	66.15	19.09	-89.35	-438.18	3,533.27	919.48	871.06	48.42	18.989		
10,700.00	7,297.63	7,453.53	7,262.41	67.75	19.09	-89.31	-438.18	3,533.27	1,011.63	964.37	47.26	21.404		
10,800.00	7,297.17	7,453.25	7,262.13	69.34	19.09	-89.26	-438.18	3,533.27	1,105.14	1,058.79	46.35	23.843		
10,900.00	7,296.71	7,452.97	7,261.86	70.94	19.09	-89.22	-438.18	3,533.27	1,199.70	1,154.08	45.63	26.293		
11,000.00	7,296.25	7,452.69	7,261.58	72.55	19.09	-89.18	-438.19	3,533.27	1,295.08	1,250.03	45.05	28.745		
11,100.00	7,295.79	7,452.41	7,261.30	74.15	19.09	-89.14	-438.19	3,533.27	1,391.11	1,346.51	44.60	31.194		
11,200.00	7,295.33	7,452.13	7,261.02	75.76	19.09	-89.09	-438.19	3,533.26	1,487.66	1,443.43	44.23	33.636		
11,300.00	7,294.87	7,451.85	7,260.74	77.37	19.09	-89.05	-438.19	3,533.26	1,584.64	1,540.70	43.93	36.069		
11,400.00	7,294.41	7,451.57	7,260.46	78.99	19.09	-89.01	-438.19	3,533.26	1,681.97	1,638.27	43.70	38.490		
11,500.00	7,293.95	7,451.29	7,260.18	80.60	19.09	-88.96	-438.19	3,533.26	1,779.60	1,736.08	43.51	40.899		
11,600.00	7,293.49	7,451.01	7,259.90	82.22	19.08	-88.92	-438.19	3,533.26	1,877.47	1,834.11	43.37	43.294		
11,700.00	7,293.03	7,450.73	7,259.62	83.84	19.08	-88.88	-438.20	3,533.26	1,975.56	1,932.31	43.25	45.677		
11,800.00	7,292.57	7,450.45	7,259.34	85.47	19.08	-88.84	-438.20	3,533.26	2,073.84	2,030.67	43.16	48.045		
11,900.00	7,292.11	7,450.17	7,259.06	87.09	19.08	-88.79	-438.20	3,533.26	2,172.27	2,129.16	43.10	50.399		
12,000.00	7,291.65	7,449.89	7,258.78	88.72	19.08	-88.75	-438.20	3,533.26	2,270.83	2,227.78	43.06	52.739		
12,100.00	7,291.19	7,449.62	7,258.50	90.34	19.08	-88.71	-438.20	3,533.26	2,369.52	2,326.49	43.03	55.065		
12,200.00	7,290.73	7,449.34	7,258.22	91.97	19.08	-88.67	-438.20	3,533.26	2,468.31	2,425.29	43.02	57.376		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-04 Offsets Incomplete - DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys (Grid to True)											Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7520-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		
8,000.00	7,310.05	7,430.57	7,262.38	28.38	18.33	-89.85	975.70	3,479.99	2,476.78	2,430.61	46.17	53.644		
8,100.00	7,309.59	7,431.05	7,262.86	29.52	18.33	-89.86	975.70	3,479.99	2,408.69	2,361.49	47.21	51.023		
8,200.00	7,309.13	7,431.53	7,263.34	30.72	18.33	-89.88	975.70	3,480.00	2,342.90	2,294.57	48.33	48.477		
8,300.00	7,308.67	7,432.01	7,263.82	31.97	18.33	-89.89	975.70	3,480.00	2,279.59	2,230.05	49.54	46.018		
8,400.00	7,308.21	7,432.49	7,264.31	33.25	18.33	-89.91	975.70	3,480.01	2,218.98	2,168.15	50.82	43.660		
8,500.00	7,307.75	7,432.98	7,264.79	34.57	18.33	-89.92	975.69	3,480.01	2,161.30	2,109.11	52.19	41.413		
8,600.00	7,307.29	7,433.46	7,265.27	35.92	18.33	-89.94	975.69	3,480.02	2,106.79	2,053.16	53.63	39.287		
8,700.00	7,306.83	7,433.94	7,265.75	37.30	18.33	-89.95	975.69	3,480.02	2,055.70	2,000.58	55.13	37.291		
8,800.00	7,306.37	7,434.42	7,266.23	38.70	18.33	-89.97	975.69	3,480.02	2,008.30	1,951.62	56.68	35.433		
8,900.00	7,305.91	7,434.90	7,266.71	40.12	18.33	-89.99	975.69	3,480.03	1,964.84	1,906.57	58.27	33.720		
9,000.00	7,305.45	7,435.38	7,267.19	41.56	18.33	-90.00	975.69	3,480.03	1,925.61	1,865.72	59.88	32.155		
9,100.00	7,304.99	7,435.86	7,267.67	43.02	18.34	-90.02	975.69	3,480.04	1,890.85	1,829.35	61.50	30.744		
9,200.00	7,304.53	7,436.34	7,268.15	44.50	18.34	-90.03	975.69	3,480.04	1,860.82	1,797.72	63.11	29.487		
9,300.00	7,304.07	7,436.82	7,268.63	45.99	18.34	-90.05	975.69	3,480.05	1,835.76	1,771.08	64.67	28.385		
9,400.00	7,303.61	7,437.30	7,269.11	47.49	18.34	-90.06	975.69	3,480.05	1,815.86	1,749.68	66.18	27.438		
9,500.00	7,303.15	7,437.78	7,269.59	49.00	18.34	-90.08	975.69	3,480.06	1,801.30	1,733.70	67.61	26.644		
9,600.00	7,302.69	7,438.26	7,270.07	50.52	18.34	-90.09	975.68	3,480.06	1,792.22	1,723.29	68.93	26.000		
9,700.00	7,302.23	7,438.74	7,270.55	52.06	18.34	-90.11	975.68	3,480.07	1,788.68	1,718.55	70.14	25.503		
9,713.28	7,302.17	7,438.80	7,270.61	52.26	18.34	-90.11	975.68	3,480.07	1,788.63	1,718.35	70.29	25.447	CC, ES	
9,800.00	7,301.77	7,439.22	7,271.03	53.60	18.34	-90.12	975.68	3,480.07	1,790.74	1,719.53	71.21	25.147		
9,900.00	7,301.31	7,439.70	7,271.51	55.14	18.34	-90.14	975.68	3,480.07	1,798.35	1,726.22	72.14	24.929		
10,000.00	7,300.85	7,440.18	7,271.99	56.70	18.34	-90.15	975.68	3,480.08	1,811.47	1,738.55	72.92	24.842	SF	
10,100.00	7,300.39	7,440.66	7,272.47	58.26	18.34	-90.17	975.68	3,480.08	1,829.96	1,756.41	73.55	24.880		
10,200.00	7,299.93	7,441.14	7,272.95	59.83	18.34	-90.19	975.68	3,480.09	1,853.67	1,779.64	74.04	25.036		
10,300.00	7,299.47	7,441.62	7,273.43	61.40	18.35	-90.20	975.68	3,480.09	1,882.41	1,808.02	74.39	25.306		
10,400.00	7,299.01	7,442.10	7,273.91	62.98	18.35	-90.22	975.68	3,480.10	1,915.93	1,841.33	74.60	25.681		
10,500.00	7,298.55	7,442.58	7,274.39	64.57	18.35	-90.23	975.68	3,480.10	1,954.00	1,879.30	74.71	26.156		
10,600.00	7,298.09	7,443.06	7,274.87	66.15	18.35	-90.25	975.68	3,480.11	1,996.37	1,921.66	74.70	26.724		
10,700.00	7,297.63	7,443.54	7,275.35	67.75	18.35	-90.26	975.67	3,480.11	2,042.75	1,968.14	74.61	27.379		
10,800.00	7,297.17	7,444.02	7,275.83	69.34	18.35	-90.28	975.67	3,480.11	2,092.88	2,018.44	74.44	28.115		
10,900.00	7,296.71	7,444.51	7,276.31	70.94	18.35	-90.29	975.67	3,480.12	2,146.51	2,072.30	74.20	28.927		
11,000.00	7,296.25	7,444.99	7,276.80	72.55	18.35	-90.31	975.67	3,480.12	2,203.37	2,129.45	73.92	29.809		
11,100.00	7,295.79	7,445.47	7,277.28	74.15	18.35	-90.32	975.67	3,480.13	2,263.22	2,189.64	73.59	30.756		
11,200.00	7,295.33	7,445.95	7,277.76	75.76	18.35	-90.34	975.67	3,480.13	2,325.84	2,252.61	73.22	31.763		
11,300.00	7,294.87	7,446.43	7,278.24	77.37	18.35	-90.35	975.67	3,480.14	2,390.99	2,318.15	72.84	32.826		
11,400.00	7,294.41	7,446.91	7,278.72	78.99	18.35	-90.37	975.67	3,480.14	2,458.49	2,386.06	72.44	33.940		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 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	61.00	585.82	1,056.82	1,208.44					
100.00	100.00	90.64	90.64	3.28	3.28	61.02	585.39	1,056.73	1,208.06	1,200.71	7.36	164.235		
200.00	200.00	186.05	186.05	3.31	3.29	61.03	584.94	1,056.44	1,207.57	1,200.18	7.39	163.410		
300.00	299.98	280.35	280.34	3.35	3.32	-68.13	585.29	1,056.23	1,206.90	1,199.45	7.45	161.911		
400.00	399.84	384.26	384.25	3.41	3.36	-68.42	585.76	1,056.12	1,205.10	1,197.54	7.55	159.529		
500.00	499.45	480.44	480.43	3.49	3.41	-68.89	586.35	1,055.74	1,201.88	1,194.19	7.69	156.287		
600.00	598.70	588.70	588.69	3.61	3.48	-69.59	586.85	1,055.34	1,197.44	1,189.56	7.88	151.997		
700.00	697.47	678.37	678.36	3.77	3.55	-70.37	587.31	1,054.74	1,191.73	1,183.63	8.10	147.128		
800.00	795.74	775.42	775.40	3.96	3.63	-71.27	588.15	1,054.61	1,185.91	1,177.53	8.38	141.551		
900.00	893.96	880.32	880.30	4.19	3.74	-72.22	589.05	1,054.10	1,179.97	1,171.27	8.71	135.536		
1,000.00	992.19	976.00	975.97	4.45	3.84	-73.12	590.04	1,053.15	1,174.03	1,164.97	9.06	129.571		
1,100.00	1,090.41	1,073.92	1,073.87	4.73	3.96	-74.07	591.38	1,052.23	1,168.64	1,159.19	9.45	123.669		
1,200.00	1,188.63	1,164.79	1,164.72	5.03	4.07	-74.96	592.94	1,051.32	1,163.73	1,153.87	9.86	118.063		
1,300.00	1,286.85	1,269.12	1,269.04	5.34	4.21	-75.99	594.88	1,050.68	1,159.55	1,149.25	10.30	112.528		
1,400.00	1,385.07	1,362.14	1,362.03	5.67	4.34	-76.92	596.38	1,049.57	1,155.13	1,144.38	10.76	107.379		
1,500.00	1,483.30	1,460.57	1,460.44	6.00	4.48	-77.92	598.40	1,048.95	1,151.75	1,140.52	11.24	102.511		
1,600.00	1,581.52	1,568.24	1,568.09	6.35	4.64	-79.01	600.17	1,047.61	1,148.01	1,136.27	11.74	97.772		
1,700.00	1,679.74	1,680.58	1,680.41	6.70	4.82	-80.14	600.96	1,045.67	1,143.68	1,131.42	12.27	93.228		
1,800.00	1,777.96	1,778.61	1,778.41	7.06	4.97	-81.13	601.04	1,043.44	1,138.89	1,126.10	12.78	89.084		
1,900.00	1,876.19	1,869.70	1,869.47	7.26	5.12	-82.08	601.70	1,041.28	1,134.82	1,121.90	12.92	87.802		
2,000.00	1,974.41	1,963.17	1,962.90	7.31	5.28	-83.09	603.22	1,039.03	1,131.70	1,118.57	13.13	86.216		
2,100.00	2,072.63	2,054.79	2,054.48	7.37	5.44	-84.10	605.04	1,036.91	1,129.31	1,115.97	13.34	84.626		
2,200.00	2,170.85	2,144.77	2,144.43	7.45	5.60	-85.08	607.21	1,035.32	1,128.00	1,114.42	13.58	83.069		
2,278.38	2,247.84	2,215.93	2,215.55	7.52	5.72	-85.86	609.16	1,034.41	1,127.69	1,113.92	13.78	81.849 CC		
2,300.00	2,269.07	2,235.69	2,235.30	7.54	5.76	-86.07	609.72	1,034.23	1,127.72	1,113.88	13.83	81.523 ES		
2,400.00	2,367.30	2,327.68	2,327.26	7.65	5.92	-87.04	612.23	1,033.90	1,128.38	1,114.27	14.11	79.992		
2,500.00	2,465.52	2,424.62	2,424.15	7.78	6.10	-88.06	615.10	1,033.91	1,129.83	1,115.43	14.41	78.430		
2,600.00	2,563.74	2,527.29	2,526.77	7.92	6.29	-89.17	618.13	1,033.09	1,131.14	1,116.41	14.73	76.783		
2,700.00	2,661.96	2,615.98	2,615.42	8.07	6.45	-90.10	620.93	1,032.87	1,133.33	1,118.28	15.05	75.326		
2,800.00	2,760.18	2,716.01	2,715.39	8.24	6.64	-91.17	624.35	1,032.56	1,136.09	1,120.69	15.40	73.792		
2,900.00	2,858.41	2,813.56	2,812.88	8.42	6.83	-92.22	627.89	1,031.93	1,139.21	1,123.45	15.75	72.314		
3,000.00	2,956.63	2,916.27	2,915.51	8.61	7.02	-93.34	631.63	1,030.76	1,142.45	1,126.32	16.13	70.812		
3,100.00	3,054.85	3,014.95	3,014.10	8.81	7.21	-94.45	635.37	1,029.01	1,145.89	1,129.37	16.52	69.380		
3,200.00	3,153.07	3,113.61	3,112.66	9.02	7.41	-95.57	639.35	1,026.64	1,149.62	1,132.71	16.91	67.992		
3,300.00	3,251.30	3,207.83	3,206.76	9.24	7.59	-96.66	643.39	1,024.18	1,153.90	1,136.60	17.30	66.700		
3,400.00	3,349.52	3,297.94	3,296.74	9.47	7.77	-97.68	647.57	1,022.10	1,159.08	1,141.39	17.69	65.519		
3,500.00	3,447.74	3,412.71	3,411.35	9.71	8.00	-98.99	652.64	1,018.86	1,164.29	1,146.15	18.14	64.179		
3,600.00	3,545.96	3,508.19	3,506.72	9.95	8.19	-100.07	656.32	1,015.97	1,169.37	1,150.81	18.56	63.013		
3,700.00	3,644.18	3,608.05	3,606.49	10.21	8.39	-101.16	659.74	1,013.45	1,174.75	1,155.76	18.99	61.862		
3,800.00	3,742.41	3,698.34	3,696.71	10.46	8.57	-102.11	662.84	1,011.61	1,180.77	1,161.36	19.41	60.840		
3,900.00	3,840.63	3,811.24	3,809.52	10.73	8.80	-103.30	666.42	1,008.93	1,186.82	1,166.94	19.88	59.704		
4,000.00	3,938.85	3,908.73	3,906.93	11.00	8.99	-104.32	669.08	1,006.30	1,192.73	1,172.41	20.32	58.695		
4,100.00	4,037.07	4,019.80	4,017.93	11.27	9.22	-105.49	671.49	1,002.76	1,198.35	1,177.56	20.79	57.630		
4,200.00	4,135.30	4,123.91	4,121.94	11.55	9.43	-106.59	672.97	998.62	1,203.39	1,182.13	21.26	56.616		
4,300.00	4,233.52	4,212.90	4,210.83	11.83	9.61	-107.55	674.65	994.67	1,209.11	1,187.42	21.69	55.746		
4,400.00	4,331.74	4,307.99	4,305.80	12.12	9.81	-108.57	676.85	990.47	1,215.64	1,193.50	22.14	54.910		
4,500.00	4,429.96	4,402.56	4,400.25	12.41	10.00	-109.57	679.14	986.53	1,222.77	1,200.18	22.59	54.129		
4,600.00	4,528.18	4,487.29	4,484.89	12.71	10.17	-110.45	681.63	983.35	1,230.92	1,207.90	23.02	53.466		
4,700.00	4,626.41	4,579.23	4,576.74	13.01	10.36	-111.36	684.85	980.58	1,240.18	1,216.71	23.47	52.834		
4,800.00	4,724.63	4,677.22	4,674.64	13.31	10.57	-112.29	688.24	978.40	1,249.98	1,226.04	23.94	52.210		
4,900.00	4,822.85	4,774.82	4,772.16	13.61	10.77	-113.19	691.48	976.41	1,260.02	1,235.61	24.41	51.617		
5,000.00	4,921.07	4,870.31	4,867.59	13.92	10.97	-114.05	694.63	974.78	1,270.45	1,245.57	24.88	51.068		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 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	
5,100.00	5,019.30	4,966.92	4,964.13	14.23	11.17	-114.90	697.96	973.15	1,281.32	1,255.97	25.35	50.547	
5,200.00	5,117.52	5,069.50	5,066.63	14.54	11.38	-115.79	701.38	971.42	1,292.37	1,266.53	25.84	50.020	
5,300.00	5,215.74	5,165.45	5,162.53	14.86	11.58	-116.60	704.28	969.77	1,303.40	1,277.09	26.31	49.541	
5,400.00	5,313.96	5,273.60	5,270.60	15.17	11.81	-117.53	707.63	967.34	1,314.70	1,287.89	26.81	49.034	
5,500.00	5,412.18	5,390.92	5,387.85	15.49	12.06	-118.54	709.78	963.92	1,324.93	1,297.60	27.33	48.472	
5,600.00	5,510.41	5,481.76	5,478.63	15.81	12.25	-119.33	710.99	960.85	1,334.90	1,307.11	27.80	48.026	
5,700.00	5,608.63	5,579.17	5,575.96	16.13	12.45	-120.17	712.73	957.21	1,345.55	1,317.28	28.27	47.594	
5,800.00	5,706.85	5,671.64	5,668.32	16.46	12.64	-120.99	714.52	953.20	1,356.56	1,327.83	28.74	47.207	
5,900.00	5,805.07	5,769.45	5,766.01	16.78	12.85	-121.84	716.72	948.76	1,368.17	1,338.96	29.21	46.833	
6,000.00	5,903.29	5,873.77	5,870.18	17.11	13.07	-122.76	718.76	943.67	1,379.77	1,350.06	29.71	46.446	
6,100.00	6,001.52	5,974.29	5,970.58	17.44	13.28	-123.61	720.25	938.91	1,391.22	1,361.02	30.19	46.079	
6,200.00	6,099.74	6,077.47	6,073.62	17.76	13.50	-124.48	721.53	933.89	1,402.73	1,372.04	30.68	45.717	
6,300.00	6,197.96	6,167.96	6,163.99	18.09	13.69	-125.24	722.56	929.26	1,414.41	1,383.27	31.14	45.414	
6,400.00	6,296.18	6,263.83	6,259.71	18.43	13.89	-126.05	724.16	924.15	1,426.89	1,395.27	31.62	45.127	
6,500.00	6,394.41	6,357.63	6,353.35	18.76	14.09	-126.83	725.67	918.80	1,439.60	1,407.51	32.09	44.863	
6,600.00	6,492.63	6,462.44	6,457.97	19.09	14.31	-127.69	727.55	912.83	1,452.79	1,420.20	32.59	44.584	
6,700.00	6,590.85	6,567.63	6,562.99	19.43	14.53	-128.54	728.47	907.00	1,465.34	1,432.26	33.08	44.292	
6,800.00	6,689.07	6,653.38	6,648.59	19.76	14.71	-129.22	729.29	902.06	1,478.28	1,444.74	33.53	44.082	
6,900.00	6,787.26	6,734.19	6,729.25	20.10	14.88	-125.09	730.97	897.43	1,492.56	1,458.59	33.97	43.933	
7,000.00	6,883.33	6,815.16	6,810.07	20.48	15.06	-109.89	733.44	892.98	1,508.10	1,473.66	34.44	43.792	
7,100.00	6,974.38	6,891.85	6,886.59	20.94	15.22	-103.62	736.41	888.95	1,525.13	1,490.19	34.94	43.647	
7,200.00	7,058.15	6,973.59	6,968.16	21.48	15.39	-100.56	739.94	885.11	1,543.92	1,508.41	35.51	43.472	
7,300.00	7,132.58	7,041.02	7,035.48	22.09	15.54	-98.52	742.90	882.59	1,564.90	1,528.80	36.10	43.349	
7,400.00	7,195.84	7,095.31	7,089.68	22.78	15.65	-96.70	745.57	880.98	1,589.11	1,552.42	36.70	43.304	
7,500.00	7,246.38	7,149.37	7,143.65	23.55	15.77	-95.10	748.35	879.78	1,616.89	1,579.55	37.34	43.301 SF	
7,600.00	7,282.95	7,189.99	7,184.22	24.40	15.86	-93.05	750.34	879.16	1,648.36	1,610.39	37.98	43.405	
7,700.00	7,304.64	7,214.30	7,208.50	25.31	15.91	-90.31	751.50	878.90	1,683.55	1,644.98	38.57	43.649	
7,800.00	7,310.97	7,217.19	7,211.39	26.27	15.91	-86.89	751.64	878.86	1,722.04	1,682.97	39.07	44.074	
7,900.00	7,310.51	7,219.38	7,213.57	27.29	15.92	-86.97	751.73	878.86	1,764.39	1,724.82	39.57	44.591	
8,000.00	7,310.05	7,217.81	7,212.01	28.38	15.92	-86.91	751.66	878.87	1,811.29	1,771.26	40.03	45.247	
8,100.00	7,309.59	7,216.19	7,210.39	29.52	15.91	-86.85	751.58	878.89	1,862.38	1,821.91	40.47	46.016	
8,200.00	7,309.13	7,214.50	7,208.70	30.72	15.91	-86.79	751.51	878.90	1,917.33	1,876.44	40.89	46.892	
8,300.00	7,308.67	7,212.75	7,206.95	31.97	15.90	-86.72	751.42	878.92	1,975.82	1,934.54	41.28	47.867	
8,400.00	7,308.21	7,210.93	7,205.13	33.25	15.90	-86.66	751.34	878.93	2,037.53	1,995.89	41.64	48.934	
8,500.00	7,307.75	7,209.03	7,203.24	34.57	15.90	-86.59	751.25	878.95	2,102.19	2,060.22	41.97	50.085	
8,600.00	7,307.29	7,207.06	7,201.27	35.92	15.89	-86.52	751.15	878.97	2,169.54	2,127.26	42.28	51.313	
8,700.00	7,306.83	7,205.00	7,199.21	37.30	15.89	-86.44	751.06	878.99	2,239.32	2,196.76	42.56	52.611	
8,800.00	7,306.37	7,202.85	7,197.07	38.70	15.88	-86.37	750.96	879.01	2,311.32	2,268.50	42.82	53.972	
8,900.00	7,305.91	7,200.61	7,194.83	40.12	15.88	-86.28	750.85	879.04	2,385.35	2,342.28	43.06	55.392	
9,000.00	7,305.45	7,198.27	7,192.49	41.56	15.87	-86.20	750.74	879.06	2,461.20	2,417.92	43.28	56.863	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
4,600.00	4,528.18	5,331.30	5,043.78	12.71	22.16	-134.99	1,934.64	406.20	2,499.16	2,469.79	29.37	85.085	
4,700.00	4,626.41	5,400.00	5,110.68	13.01	22.43	-135.28	1,919.17	404.36	2,489.89	2,460.01	29.88	83.338	
4,800.00	4,724.63	5,448.39	5,157.98	13.31	22.61	-135.48	1,909.03	403.07	2,482.22	2,451.92	30.31	81.900	
4,900.00	4,822.85	5,500.00	5,208.56	13.61	22.80	-135.69	1,898.85	401.68	2,476.26	2,445.52	30.74	80.542	
5,000.00	4,921.07	5,568.61	5,276.00	13.92	23.05	-135.98	1,886.37	399.77	2,471.89	2,440.65	31.24	79.127	
5,100.00	5,019.30	5,629.38	5,335.90	14.23	23.26	-136.23	1,876.30	398.01	2,469.19	2,437.49	31.70	77.888	
5,200.00	5,117.52	5,700.00	5,405.69	14.54	23.50	-136.52	1,865.72	395.97	2,468.13	2,435.93	32.20	76.650	
5,216.29	5,133.52	5,700.00	5,405.69	14.59	23.50	-136.52	1,865.72	395.97	2,468.07	2,435.84	32.23	76.567	CC, ES
5,300.00	5,215.74	5,754.92	5,460.08	14.86	23.68	-136.74	1,858.29	394.39	2,468.56	2,435.93	32.63	75.654	
5,400.00	5,313.96	5,818.15	5,522.81	15.17	23.88	-136.99	1,850.54	392.54	2,470.51	2,437.42	33.09	74.663	
5,500.00	5,412.18	5,878.39	5,582.67	15.49	24.07	-137.23	1,844.06	390.77	2,474.05	2,440.52	33.53	73.786	
5,600.00	5,510.41	5,953.11	5,657.04	15.81	24.29	-137.53	1,837.09	388.68	2,479.05	2,445.02	34.03	72.847	
5,700.00	5,608.63	6,036.90	5,740.50	16.13	24.54	-137.84	1,829.88	386.83	2,484.83	2,450.26	34.57	71.875	
5,800.00	5,706.85	6,123.02	5,826.31	16.46	24.79	-138.16	1,822.93	384.69	2,491.27	2,456.14	35.12	70.930	
5,900.00	5,805.07	6,209.87	5,912.85	16.78	25.04	-138.50	1,816.14	381.76	2,498.21	2,462.53	35.68	70.020	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	2.00	2.00	3.28	3.28	-89.61	1.09	-159.81	159.81					
100.00	100.00	102.00	102.00	3.28	3.28	-89.61	1.09	-159.81	159.81	152.28	7.53	21.226		
200.00	200.00	202.00	202.00	3.31	3.31	-89.61	1.09	-159.81	159.81	152.24	7.57	21.098	CC, ES	
300.00	299.98	302.09	302.09	3.35	3.35	141.71	1.09	-159.81	161.18	153.52	7.66	21.039		
400.00	399.84	407.40	407.37	3.41	3.42	143.17	1.89	-157.96	163.59	155.81	7.79	21.013		
500.00	499.45	512.48	512.29	3.49	3.51	145.91	4.20	-152.57	165.71	157.77	7.95	20.852		
600.00	598.70	617.11	616.47	3.61	3.63	149.88	8.01	-143.70	168.06	159.90	8.15	20.611		
700.00	697.47	721.08	719.56	3.77	3.78	154.95	13.29	-131.43	171.35	162.94	8.41	20.381		
800.00	795.74	824.24	821.32	3.96	3.96	160.91	19.97	-115.86	175.90	167.19	8.71	20.189		
900.00	893.96	926.29	921.31	4.19	4.18	167.33	28.00	-97.17	180.10	171.02	9.08	19.845		
1,000.00	992.19	1,024.10	1,016.86	4.45	4.42	173.50	36.26	-77.95	185.52	176.01	9.51	19.516		
1,100.00	1,090.41	1,121.92	1,112.42	4.73	4.70	179.28	44.52	-58.73	193.03	183.05	9.98	19.337		
1,200.00	1,188.63	1,219.73	1,207.97	5.03	4.99	-175.41	52.78	-39.50	202.41	191.91	10.50	19.274		
1,300.00	1,286.85	1,317.55	1,303.52	5.34	5.30	-170.60	61.04	-20.28	213.41	202.35	11.06	19.297		
1,400.00	1,385.07	1,415.36	1,399.07	5.67	5.62	-166.27	69.30	-1.06	225.79	214.14	11.65	19.383		
1,500.00	1,483.30	1,513.18	1,494.63	6.00	5.96	-162.39	77.55	18.16	239.34	227.07	12.27	19.511		
1,600.00	1,581.52	1,611.00	1,590.18	6.35	6.31	-158.94	85.81	37.38	253.87	240.96	12.91	19.667		
1,700.00	1,679.74	1,708.81	1,685.73	6.70	6.67	-155.86	94.07	56.61	269.22	255.65	13.57	19.840		
1,800.00	1,777.96	1,806.63	1,781.28	7.06	7.02	-153.12	102.33	75.83	285.26	271.03	14.24	20.038		
1,900.00	1,876.19	1,904.44	1,876.83	7.26	7.21	-150.67	110.59	95.05	301.88	287.64	14.24	21.197		
2,000.00	1,974.41	2,002.26	1,972.39	7.31	7.26	-148.47	118.85	114.27	318.99	304.64	14.35	22.230		
2,100.00	2,072.63	2,100.07	2,067.94	7.37	7.33	-146.50	127.10	133.50	336.52	322.03	14.49	23.229		
2,200.00	2,170.85	2,202.11	2,163.49	7.45	7.42	-144.72	135.36	152.72	354.39	339.73	14.66	24.175		
2,300.00	2,269.07	2,304.29	2,259.04	7.54	7.52	-143.11	143.62	171.94	372.57	357.71	14.86	25.068		
2,400.00	2,367.30	2,406.48	2,354.59	7.65	7.65	-141.65	151.88	191.16	391.01	375.92	15.09	25.903		
2,500.00	2,465.52	2,508.66	2,450.15	7.78	7.78	-140.32	160.14	210.38	409.67	394.32	15.36	26.678		
2,600.00	2,563.74	2,589.15	2,545.70	7.92	7.90	-139.11	168.40	229.61	428.53	412.92	15.61	27.449		
2,700.00	2,661.96	2,686.97	2,641.25	8.07	8.06	-138.00	176.65	248.83	447.56	431.65	15.92	28.119		
2,800.00	2,760.18	2,784.78	2,736.80	8.24	8.23	-136.98	184.91	268.05	466.74	450.50	16.25	28.730		
2,900.00	2,858.41	2,882.60	2,832.36	8.42	8.42	-136.04	193.17	287.27	486.06	469.46	16.60	29.285		
3,000.00	2,956.63	2,980.42	2,927.91	8.61	8.61	-135.17	201.43	306.50	505.48	488.51	16.97	29.787		
3,100.00	3,054.85	3,078.23	3,023.46	8.81	8.81	-134.37	209.69	325.72	525.02	507.65	17.36	30.238		
3,200.00	3,153.07	3,176.05	3,119.01	9.02	9.03	-133.62	217.95	344.94	544.64	526.87	17.77	30.642		
3,300.00	3,251.30	3,273.86	3,214.56	9.24	9.25	-132.93	226.20	364.16	564.35	546.15	18.20	31.003		
3,400.00	3,349.52	3,371.68	3,310.12	9.47	9.48	-132.28	234.46	383.38	584.14	565.49	18.65	31.323		
3,500.00	3,447.74	3,469.49	3,405.67	9.71	9.72	-131.67	242.72	402.61	603.99	584.88	19.11	31.607		
3,600.00	3,545.96	3,567.31	3,501.22	9.95	9.97	-131.11	250.98	421.83	623.90	604.32	19.58	31.858		
3,700.00	3,644.18	3,665.12	3,596.77	10.21	10.22	-130.57	259.24	441.05	643.87	623.80	20.07	32.079		
3,800.00	3,742.41	3,762.94	3,692.32	10.46	10.48	-130.07	267.50	460.27	663.89	643.31	20.57	32.272		
3,900.00	3,840.63	3,860.76	3,787.88	10.73	10.75	-129.60	275.75	479.49	683.95	662.87	21.08	32.441		
4,000.00	3,938.85	3,958.57	3,883.43	11.00	11.02	-129.16	284.01	498.72	704.05	682.45	21.60	32.588		
4,100.00	4,037.07	4,056.39	3,978.98	11.27	11.29	-128.74	292.27	517.94	724.20	702.06	22.14	32.715		
4,200.00	4,135.30	4,154.20	4,074.53	11.55	11.57	-128.34	300.53	537.16	744.38	721.70	22.68	32.825		
4,300.00	4,233.52	4,252.02	4,170.09	11.83	11.86	-127.97	308.79	556.38	764.59	741.36	23.23	32.919		
4,400.00	4,331.74	4,349.83	4,265.64	12.12	12.14	-127.61	317.05	575.61	784.83	761.05	23.78	32.999		
4,500.00	4,429.96	4,447.65	4,361.19	12.41	12.44	-127.27	325.30	594.83	805.10	780.75	24.35	33.066		
4,600.00	4,528.18	4,545.47	4,456.74	12.71	12.73	-126.95	333.56	614.05	825.40	800.48	24.92	33.122		
4,700.00	4,626.41	4,643.28	4,552.29	13.01	13.03	-126.64	341.82	633.27	845.72	820.22	25.50	33.168		
4,800.00	4,724.63	4,741.10	4,647.85	13.31	13.33	-126.35	350.08	652.49	866.06	839.98	26.08	33.205		
4,900.00	4,822.85	4,838.91	4,743.40	13.61	13.64	-126.07	358.34	671.72	886.42	859.75	26.67	33.235		
5,000.00	4,921.07	4,936.73	4,838.95	13.92	13.94	-125.80	366.60	690.94	906.80	879.54	27.27	33.257		
5,100.00	5,019.30	5,034.54	4,934.50	14.23	14.25	-125.55	374.85	710.16	927.20	899.34	27.87	33.274		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 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	5,117.52	5,132.36	5,030.05	14.54	14.57	-125.31	383.11	729.38	947.62	919.15	28.47	33.285		
5,300.00	5,215.74	5,230.18	5,125.61	14.86	14.88	-125.07	391.37	748.61	968.05	938.97	29.08	33.291		
5,400.00	5,313.96	5,327.99	5,221.16	15.17	15.20	-124.85	399.63	767.83	988.50	958.81	29.69	33.292		
5,500.00	5,412.18	5,425.81	5,316.71	15.49	15.52	-124.63	407.89	787.05	1,008.96	978.65	30.31	33.290		
5,600.00	5,510.41	5,523.62	5,412.26	15.81	15.84	-124.43	416.15	806.27	1,029.43	998.50	30.93	33.285		
5,700.00	5,608.63	5,621.44	5,507.82	16.13	16.16	-124.23	424.40	825.49	1,049.92	1,018.37	31.55	33.276		
5,800.00	5,706.85	5,719.25	5,603.37	16.46	16.48	-124.04	432.66	844.72	1,070.42	1,038.24	32.18	33.265		
5,900.00	5,805.07	5,817.07	5,698.92	16.78	16.80	-123.85	440.92	863.94	1,090.92	1,058.12	32.81	33.252		
6,000.00	5,903.29	5,914.89	5,794.47	17.11	17.13	-123.68	449.18	883.16	1,111.44	1,078.00	33.44	33.236		
6,100.00	6,001.52	6,012.70	5,890.02	17.44	17.46	-123.51	457.44	902.38	1,131.97	1,097.90	34.08	33.219		
6,200.00	6,099.74	6,110.52	5,985.58	17.76	17.79	-123.34	465.70	921.60	1,152.51	1,117.80	34.71	33.201		
6,300.00	6,197.96	6,208.33	6,081.13	18.09	18.12	-123.18	473.95	940.83	1,173.06	1,137.70	35.35	33.181		
6,400.00	6,296.18	6,306.15	6,176.68	18.43	18.45	-123.03	482.21	960.05	1,193.61	1,157.62	36.00	33.159		
6,500.00	6,394.41	6,403.96	6,272.23	18.76	18.78	-122.88	490.47	979.27	1,214.18	1,177.53	36.64	33.137		
6,600.00	6,492.63	6,501.78	6,367.78	19.09	19.11	-122.74	498.73	998.49	1,234.75	1,197.46	37.29	33.114		
6,700.00	6,590.85	6,600.41	6,463.34	19.43	19.45	-122.60	506.99	1,017.72	1,255.32	1,217.38	37.94	33.088		
6,800.00	6,689.07	6,702.59	6,558.89	19.76	19.80	-122.47	515.25	1,036.94	1,275.91	1,237.30	38.60	33.051		
6,900.00	6,787.26	6,804.76	6,654.45	20.10	20.15	-117.49	523.51	1,056.16	1,296.47	1,257.20	39.27	33.013		
7,000.00	6,883.33	6,892.99	6,749.94	20.48	20.45	-101.37	531.76	1,075.37	1,315.63	1,275.70	39.93	32.949		
7,100.00	6,974.38	6,979.89	6,834.33	20.94	20.77	-94.60	539.07	1,094.62	1,332.76	1,292.10	40.66	32.871		
7,200.00	7,058.15	7,063.22	6,912.34	21.48	21.15	-90.92	545.91	1,122.94	1,348.53	1,307.01	41.52	32.479		
7,300.00	7,132.58	7,149.04	6,988.11	22.09	21.62	-88.77	552.66	1,162.53	1,362.71	1,320.14	42.57	32.010		
7,400.00	7,195.84	7,237.91	7,060.24	22.78	22.20	-87.53	559.19	1,213.91	1,375.08	1,331.24	43.84	31.365		
7,500.00	7,246.38	7,330.41	7,126.98	23.55	22.90	-86.97	565.36	1,277.54	1,385.39	1,340.05	45.34	30.556		
7,600.00	7,282.95	7,427.17	7,186.18	24.40	23.74	-86.95	570.99	1,353.75	1,393.45	1,346.37	47.08	29.596		
7,700.00	7,304.64	7,528.81	7,235.23	25.31	24.72	-87.39	575.86	1,442.52	1,399.06	1,349.99	49.07	28.513		
7,800.00	7,310.97	7,635.91	7,271.00	26.27	25.84	-88.28	579.70	1,543.27	1,402.06	1,350.79	51.27	27.346		
7,900.00	7,310.51	7,750.35	7,290.06	27.29	27.12	-89.08	582.22	1,655.92	1,403.46	1,349.77	53.69	26.140		
8,000.00	7,310.05	7,858.17	7,291.88	28.38	28.37	-89.18	583.24	1,763.68	1,403.92	1,347.81	56.11	25.019		
8,100.00	7,309.59	7,958.17	7,291.65	29.52	29.56	-89.19	584.02	1,863.68	1,404.26	1,345.74	58.52	23.995		
8,200.00	7,309.13	8,058.17	7,291.43	30.72	30.80	-89.20	584.80	1,963.67	1,404.60	1,343.58	61.02	23.018		
8,300.00	7,308.67	8,158.17	7,291.21	31.97	32.08	-89.21	585.58	2,063.67	1,404.93	1,341.34	63.60	22.091		
8,400.00	7,308.21	8,258.17	7,290.98	33.25	33.39	-89.22	586.37	2,163.67	1,405.27	1,339.03	66.24	21.214		
8,500.00	7,307.75	8,358.17	7,290.76	34.57	34.74	-89.23	587.15	2,263.66	1,405.61	1,336.66	68.95	20.386		
8,600.00	7,307.29	8,458.16	7,290.54	35.92	36.11	-89.24	587.93	2,363.66	1,405.95	1,334.23	71.71	19.605		
8,700.00	7,306.83	8,558.16	7,290.32	37.30	37.50	-89.24	588.71	2,463.65	1,406.28	1,331.76	74.52	18.871		
8,800.00	7,306.37	8,658.16	7,290.09	38.70	38.92	-89.25	589.50	2,563.65	1,406.62	1,329.25	77.37	18.179		
8,900.00	7,305.91	8,758.16	7,289.87	40.12	40.35	-89.26	590.28	2,663.65	1,406.96	1,326.69	80.26	17.529		
9,000.00	7,305.45	8,858.16	7,289.65	41.56	41.81	-89.27	591.06	2,763.64	1,407.30	1,324.11	83.19	16.917		
9,100.00	7,304.99	8,958.16	7,289.42	43.02	43.27	-89.28	591.84	2,863.64	1,407.63	1,321.49	86.15	16.340		
9,200.00	7,304.53	9,058.16	7,289.20	44.50	44.76	-89.29	592.62	2,963.63	1,407.97	1,318.84	89.13	15.797		
9,300.00	7,304.07	9,158.16	7,288.98	45.99	46.25	-89.30	593.41	3,063.63	1,408.31	1,316.17	92.14	15.285		
9,400.00	7,303.61	9,258.16	7,288.75	47.49	47.76	-89.31	594.19	3,163.62	1,408.65	1,313.48	95.17	14.802		
9,500.00	7,303.15	9,358.16	7,288.53	49.00	49.28	-89.32	594.97	3,263.62	1,408.98	1,310.77	98.22	14.345		
9,600.00	7,302.69	9,458.16	7,288.31	50.52	50.80	-89.33	595.75	3,363.62	1,409.32	1,308.03	101.29	13.914		
9,700.00	7,302.23	9,558.16	7,288.08	52.06	52.34	-89.34	596.54	3,463.61	1,409.66	1,305.28	104.38	13.505		
9,800.00	7,301.77	9,658.15	7,287.86	53.60	53.88	-89.35	597.32	3,563.61	1,410.00	1,302.52	107.48	13.119		
9,900.00	7,301.31	9,758.15	7,287.64	55.14	55.44	-89.36	598.10	3,663.60	1,410.34	1,299.74	110.60	12.752		
10,000.00	7,300.85	9,858.15	7,287.41	56.70	56.99	-89.37	598.88	3,763.60	1,410.67	1,296.95	113.73	12.404		
10,100.00	7,300.39	9,958.15	7,287.19	58.26	58.56	-89.38	599.66	3,863.60	1,411.01	1,294.14	116.87	12.074		
10,200.00	7,299.93	10,058.15	7,286.97	59.83	60.13	-89.39	600.45	3,963.59	1,411.35	1,291.33	120.02	11.759		
10,300.00	7,299.47	10,158.15	7,286.74	61.40	61.70	-89.40	601.23	4,063.59	1,411.69	1,288.51	123.18	11.460		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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		
10,400.00	7,299.01	10,258.15	7,286.52	62.98	63.28	-89.41	602.01	4,163.58	1,412.03	1,285.67	126.36	11.175		
10,500.00	7,298.55	10,358.15	7,286.30	64.57	64.87	-89.42	602.79	4,263.58	1,412.36	1,282.83	129.54	10.903		
10,600.00	7,298.09	10,458.15	7,286.07	66.15	66.46	-89.43	603.58	4,363.57	1,412.70	1,279.98	132.73	10.644		
10,700.00	7,297.63	10,558.15	7,285.85	67.75	68.05	-89.44	604.36	4,463.57	1,413.04	1,277.12	135.92	10.396		
10,800.00	7,297.17	10,658.15	7,285.63	69.34	69.65	-89.45	605.14	4,563.57	1,413.38	1,274.25	139.13	10.159		
10,900.00	7,296.71	10,758.14	7,285.40	70.94	71.25	-89.46	605.92	4,663.56	1,413.72	1,271.38	142.34	9.932		
11,000.00	7,296.25	10,858.14	7,285.18	72.55	72.85	-89.47	606.70	4,763.56	1,414.06	1,268.50	145.55	9.715		
11,100.00	7,295.79	10,958.14	7,284.96	74.15	74.46	-89.48	607.49	4,863.55	1,414.39	1,265.62	148.77	9.507		
11,200.00	7,295.33	11,058.14	7,284.73	75.76	76.07	-89.49	608.27	4,963.55	1,414.73	1,262.73	152.00	9.307		
11,300.00	7,294.87	11,158.14	7,284.51	77.37	77.68	-89.50	609.05	5,063.55	1,415.07	1,259.84	155.23	9.116		
11,400.00	7,294.41	11,258.14	7,284.29	78.99	79.29	-89.51	609.83	5,163.54	1,415.41	1,256.94	158.47	8.932		
11,500.00	7,293.95	11,358.14	7,284.06	80.60	80.91	-89.52	610.62	5,263.54	1,415.75	1,254.04	161.71	8.755		
11,600.00	7,293.49	11,458.14	7,283.84	82.22	82.53	-89.53	611.40	5,363.53	1,416.09	1,251.13	164.96	8.585		
11,700.00	7,293.03	11,558.14	7,283.62	83.84	84.15	-89.54	612.18	5,463.53	1,416.43	1,248.22	168.21	8.421		
11,800.00	7,292.57	11,658.14	7,283.40	85.47	85.77	-89.55	612.96	5,563.52	1,416.76	1,245.31	171.46	8.263		
11,900.00	7,292.11	11,758.14	7,283.17	87.09	87.40	-89.56	613.74	5,663.52	1,417.10	1,242.39	174.71	8.111		
12,000.00	7,291.65	11,858.14	7,282.95	88.72	89.02	-89.57	614.53	5,763.52	1,417.44	1,239.47	177.97	7.964		
12,100.00	7,291.19	11,958.13	7,282.73	90.34	90.65	-89.58	615.31	5,863.51	1,417.78	1,236.54	181.24	7.823		
12,200.00	7,290.73	12,058.13	7,282.50	91.97	92.28	-89.59	616.09	5,963.51	1,418.12	1,233.62	184.50	7.686		
12,300.00	7,290.27	12,158.13	7,282.28	93.61	93.91	-89.60	616.87	6,063.50	1,418.46	1,230.69	187.77	7.554		
12,400.00	7,289.81	12,258.13	7,282.06	95.24	95.55	-89.61	617.66	6,163.50	1,418.80	1,227.76	191.04	7.427		
12,500.00	7,289.35	12,358.13	7,281.83	96.87	97.18	-89.61	618.44	6,263.50	1,419.14	1,224.82	194.32	7.303		
12,600.00	7,288.89	12,458.13	7,281.61	98.51	98.82	-89.62	619.22	6,363.49	1,419.48	1,221.88	197.59	7.184		
12,700.00	7,288.43	12,558.13	7,281.39	100.15	100.45	-89.63	620.00	6,463.49	1,419.81	1,218.94	200.87	7.068		
12,800.00	7,287.97	12,658.13	7,281.16	101.78	102.09	-89.64	620.78	6,563.48	1,420.15	1,216.00	204.15	6.956		
12,900.00	7,287.51	12,758.13	7,280.94	103.42	103.73	-89.65	621.57	6,663.48	1,420.49	1,213.06	207.43	6.848		
13,000.00	7,287.05	12,858.13	7,280.72	105.06	105.37	-89.66	622.35	6,763.47	1,420.83	1,210.12	210.72	6.743		
13,100.00	7,286.59	12,958.13	7,280.49	106.70	107.01	-89.67	623.13	6,863.47	1,421.17	1,207.17	214.00	6.641		
13,200.00	7,286.13	13,058.13	7,280.27	108.34	108.65	-89.68	623.91	6,963.47	1,421.51	1,204.22	217.29	6.542		
13,300.00	7,285.67	13,158.12	7,280.05	109.99	110.29	-89.69	624.70	7,063.46	1,421.85	1,201.27	220.58	6.446		
13,400.00	7,285.21	13,258.12	7,279.82	111.63	111.94	-89.70	625.48	7,163.46	1,422.19	1,198.32	223.87	6.353		
13,500.00	7,284.75	13,358.12	7,279.60	113.28	113.58	-89.71	626.26	7,263.45	1,422.53	1,195.36	227.16	6.262		
13,600.00	7,284.29	13,458.12	7,279.38	114.92	115.23	-89.72	627.04	7,363.45	1,422.87	1,192.41	230.46	6.174		
13,700.00	7,283.83	13,558.12	7,279.15	116.57	116.87	-89.73	627.82	7,463.45	1,423.21	1,189.45	233.75	6.088		
13,800.00	7,283.37	13,658.12	7,278.93	118.21	118.52	-89.74	628.61	7,563.44	1,423.55	1,186.50	237.05	6.005		
13,900.00	7,282.91	13,758.12	7,278.71	119.86	120.16	-89.75	629.39	7,663.44	1,423.89	1,183.54	240.35	5.924		
14,000.00	7,282.45	13,858.12	7,278.48	121.51	121.81	-89.76	630.17	7,763.43	1,424.23	1,180.58	243.65	5.845		
14,100.00	7,281.99	13,958.12	7,278.26	123.16	123.46	-89.77	630.95	7,863.43	1,424.57	1,177.62	246.95	5.769		
14,200.00	7,281.53	14,058.12	7,278.04	124.81	125.11	-89.78	631.74	7,963.42	1,424.91	1,174.65	250.25	5.694		
14,300.00	7,281.07	14,158.12	7,277.81	126.46	126.76	-89.79	632.52	8,063.42	1,425.24	1,171.69	253.55	5.621		
14,400.00	7,280.61	14,258.11	7,277.59	128.11	128.41	-89.80	633.30	8,163.42	1,425.58	1,168.73	256.86	5.550		
14,500.00	7,280.15	14,358.11	7,277.37	129.76	130.06	-89.81	634.08	8,263.41	1,425.92	1,165.76	260.16	5.481		
14,600.00	7,279.69	14,458.11	7,277.14	131.41	131.71	-89.82	634.86	8,363.41	1,426.26	1,162.79	263.47	5.413		
14,700.00	7,279.23	14,558.11	7,276.92	133.07	133.36	-89.83	635.65	8,463.40	1,426.60	1,159.83	266.78	5.348		
14,800.00	7,278.77	14,658.11	7,276.70	134.72	135.02	-89.84	636.43	8,563.40	1,426.94	1,156.86	270.09	5.283		
14,900.00	7,278.31	14,758.11	7,276.48	136.37	136.67	-89.85	637.21	8,663.40	1,427.28	1,153.89	273.39	5.221		
15,000.00	7,277.85	14,858.11	7,276.25	138.03	138.32	-89.85	637.99	8,763.39	1,427.62	1,150.92	276.70	5.159		
15,100.00	7,277.39	14,958.11	7,276.03	139.68	139.98	-89.86	638.78	8,863.39	1,427.96	1,147.95	280.01	5.100		
15,200.00	7,276.93	15,058.11	7,275.81	141.33	141.63	-89.87	639.56	8,963.38	1,428.30	1,144.98	283.33	5.041		
15,300.00	7,276.47	15,158.11	7,275.58	142.99	143.29	-89.88	640.34	9,063.38	1,428.64	1,142.01	286.64	4.984		
15,400.00	7,276.01	15,258.11	7,275.36	144.65	144.94	-89.89	641.12	9,163.37	1,428.98	1,139.03	289.95	4.928		
15,500.00	7,275.55	15,358.11	7,275.14	146.30	146.60	-89.90	641.90	9,263.37	1,429.32	1,136.06	293.26	4.874		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,275.09	15,458.10	7,274.91	147.96	148.25	-89.91	642.69	9,363.37	1,429.66	1,133.09	296.58	4.821	
15,700.00	7,274.63	15,558.10	7,274.69	149.61	149.91	-89.92	643.47	9,463.36	1,430.00	1,130.11	299.89	4.768	
15,800.00	7,274.17	15,658.10	7,274.47	151.27	151.56	-89.93	644.25	9,563.36	1,430.34	1,127.14	303.21	4.717	
15,900.00	7,273.71	15,758.10	7,274.24	152.93	153.22	-89.94	645.03	9,663.35	1,430.69	1,124.16	306.52	4.667	
16,000.00	7,273.25	15,858.10	7,274.02	154.59	154.88	-89.95	645.82	9,763.35	1,431.03	1,121.19	309.84	4.619	
16,100.00	7,272.79	15,958.10	7,273.80	156.24	156.54	-89.96	646.60	9,863.35	1,431.37	1,118.21	313.16	4.571	
16,200.00	7,272.33	16,058.10	7,273.57	157.90	158.19	-89.97	647.38	9,963.34	1,431.71	1,115.23	316.48	4.524	
16,300.00	7,271.87	16,158.10	7,273.35	159.56	159.85	-89.98	648.16	10,063.34	1,432.05	1,112.25	319.79	4.478	
16,400.00	7,271.41	16,258.10	7,273.13	161.22	161.51	-89.99	648.94	10,163.33	1,432.39	1,109.28	323.11	4.433	
16,500.00	7,270.95	16,358.10	7,272.90	162.88	163.17	-90.00	649.73	10,263.33	1,432.73	1,106.30	326.43	4.389	
16,600.00	7,270.49	16,458.10	7,272.68	164.54	164.83	-90.01	650.51	10,363.32	1,433.07	1,103.32	329.75	4.346	
16,700.00	7,270.03	16,558.10	7,272.46	166.20	166.49	-90.02	651.29	10,463.32	1,433.41	1,100.34	333.07	4.304	
16,800.00	7,269.57	16,658.09	7,272.23	167.86	168.15	-90.03	652.07	10,563.32	1,433.75	1,097.36	336.39	4.262	
16,900.00	7,269.11	16,758.09	7,272.01	169.52	169.80	-90.04	652.85	10,663.31	1,434.09	1,094.38	339.71	4.221	
17,000.00	7,268.65	16,858.09	7,271.79	171.18	171.46	-90.04	653.64	10,763.31	1,434.43	1,091.40	343.03	4.182	
17,100.00	7,268.19	16,958.09	7,271.56	172.84	173.12	-90.05	654.42	10,863.30	1,434.77	1,088.42	346.36	4.142	
17,200.00	7,267.73	17,058.09	7,271.34	174.50	174.79	-90.06	655.20	10,963.30	1,435.11	1,085.43	349.68	4.104	
17,300.00	7,267.27	17,158.09	7,271.12	176.16	176.45	-90.07	655.98	11,063.30	1,435.45	1,082.45	353.00	4.066	
17,400.00	7,266.81	17,258.09	7,270.89	177.82	178.11	-90.08	656.77	11,163.29	1,435.79	1,079.47	356.32	4.029	
17,500.00	7,266.35	17,358.09	7,270.67	179.48	179.77	-90.09	657.55	11,263.29	1,436.14	1,076.49	359.65	3.993	
17,600.00	7,265.89	17,458.09	7,270.45	181.14	181.43	-90.10	658.33	11,363.28	1,436.48	1,073.50	362.97	3.958	
17,700.00	7,265.43	17,558.09	7,270.22	182.81	183.09	-90.11	659.11	11,463.28	1,436.82	1,070.52	366.30	3.923	
17,800.00	7,264.97	17,658.09	7,270.00	184.47	184.75	-90.12	659.89	11,563.27	1,437.16	1,067.54	369.62	3.888	
17,893.49	7,264.54	17,751.57	7,269.79	186.02	186.30	-90.13	660.63	11,656.76	1,437.48	1,064.75	372.73	3.857 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.58	1.45	-199.90	199.90				
100.00	100.00	102.00	102.00	3.28	3.28	-89.58	1.45	-199.90	199.90	192.37	7.53	26.551	
200.00	200.00	202.00	202.00	3.31	3.31	-89.58	1.45	-199.90	199.90	192.33	7.57	26.391	CC, ES
300.00	299.98	306.75	306.74	3.35	3.35	141.92	2.25	-198.85	200.29	192.63	7.66	26.146	
400.00	399.84	412.28	412.14	3.41	3.43	143.80	5.36	-194.77	200.69	192.91	7.78	25.784	
500.00	499.45	517.22	516.69	3.49	3.53	146.96	10.79	-187.65	201.48	193.53	7.95	25.336	
600.00	598.70	621.27	619.96	3.61	3.66	151.33	18.46	-177.59	203.38	195.21	8.17	24.889	
700.00	697.47	724.13	721.53	3.77	3.81	156.73	28.28	-164.72	207.36	198.91	8.45	24.546	
800.00	795.74	825.61	821.11	3.96	4.01	162.88	40.12	-149.19	213.92	205.12	8.79	24.331	
900.00	893.96	925.86	918.74	4.19	4.26	169.37	53.92	-131.10	221.53	212.33	9.20	24.077	
1,000.00	992.19	1,024.11	1,013.61	4.45	4.54	176.02	69.38	-110.82	230.70	221.02	9.68	23.828	
1,100.00	1,090.41	1,119.89	1,105.86	4.73	4.86	-177.82	85.02	-90.31	242.57	232.35	10.22	23.738	
1,200.00	1,188.63	1,215.68	1,198.11	5.03	5.20	-172.26	100.66	-69.81	257.12	246.32	10.80	23.817	
1,300.00	1,286.85	1,311.46	1,290.36	5.34	5.56	-167.30	116.30	-49.30	273.91	262.51	11.40	24.018	
1,400.00	1,385.07	1,407.25	1,382.60	5.67	5.94	-162.91	131.94	-28.79	292.57	280.53	12.04	24.301	
1,500.00	1,483.30	1,503.03	1,474.85	6.00	6.34	-159.05	147.58	-8.28	312.76	300.06	12.70	24.636	
1,600.00	1,581.52	1,601.18	1,567.10	6.35	6.75	-155.64	163.22	12.22	334.20	320.82	13.38	24.979	
1,700.00	1,679.74	1,705.40	1,659.35	6.70	7.21	-152.65	178.86	32.73	356.67	342.56	14.10	25.288	
1,800.00	1,777.96	1,809.61	1,751.59	7.06	7.65	-150.00	194.50	53.24	379.98	365.15	14.82	25.634	
1,900.00	1,876.19	1,886.17	1,843.84	7.26	7.84	-147.66	210.13	73.75	403.99	389.19	14.79	27.311	
2,000.00	1,974.41	1,981.96	1,936.09	7.31	7.93	-145.57	225.77	94.26	428.58	413.67	14.91	28.750	
2,100.00	2,072.63	2,077.74	2,028.34	7.37	8.01	-143.71	241.41	114.76	453.65	438.63	15.03	30.190	
2,200.00	2,170.85	2,173.53	2,120.58	7.45	8.11	-142.04	257.05	135.27	479.14	463.96	15.18	31.566	
2,300.00	2,269.07	2,269.31	2,212.83	7.54	8.22	-140.54	272.69	155.78	504.97	489.61	15.36	32.869	
2,400.00	2,367.30	2,365.10	2,305.08	7.65	8.35	-139.18	288.33	176.29	531.11	515.53	15.58	34.093	
2,500.00	2,465.52	2,460.88	2,397.33	7.78	8.50	-137.95	303.97	196.79	557.49	541.67	15.82	35.233	
2,600.00	2,563.74	2,556.67	2,489.58	7.92	8.67	-136.83	319.61	217.30	584.10	568.00	16.10	36.289	
2,700.00	2,661.96	2,652.45	2,581.82	8.07	8.85	-135.81	335.25	237.81	610.90	594.50	16.40	37.259	
2,800.00	2,760.18	2,748.24	2,674.07	8.24	9.04	-134.87	350.89	258.32	637.87	621.15	16.72	38.147	
2,900.00	2,858.41	2,844.02	2,766.32	8.42	9.24	-134.00	366.53	278.82	664.98	647.91	17.07	38.954	
3,000.00	2,956.63	2,939.81	2,858.57	8.61	9.46	-133.21	382.17	299.33	692.23	674.78	17.44	39.684	
3,100.00	3,054.85	3,035.59	2,950.81	8.81	9.69	-132.47	397.81	319.84	719.59	701.75	17.84	40.342	
3,200.00	3,153.07	3,131.38	3,043.06	9.02	9.93	-131.79	413.45	340.35	747.05	728.80	18.25	40.933	
3,300.00	3,251.30	3,227.16	3,135.31	9.24	10.18	-131.16	429.09	360.86	774.61	755.92	18.68	41.461	
3,400.00	3,349.52	3,322.95	3,227.56	9.47	10.43	-130.57	444.73	381.36	802.24	783.11	19.13	41.932	
3,500.00	3,447.74	3,418.73	3,319.80	9.71	10.70	-130.01	460.37	401.87	829.95	810.36	19.60	42.350	
3,600.00	3,545.96	3,514.52	3,412.05	9.95	10.97	-129.50	476.01	422.38	857.73	837.65	20.08	42.721	
3,700.00	3,644.18	3,610.30	3,504.30	10.21	11.25	-129.01	491.64	442.89	885.57	865.00	20.57	43.047	
3,800.00	3,742.41	3,706.09	3,596.55	10.46	11.54	-128.56	507.28	463.39	913.46	892.38	21.08	43.335	
3,900.00	3,840.63	3,801.87	3,688.79	10.73	11.83	-128.13	522.92	483.90	941.41	919.81	21.60	43.587	
4,000.00	3,938.85	3,902.34	3,781.04	11.00	12.15	-127.73	538.56	504.41	969.40	947.25	22.14	43.779	
4,100.00	4,037.07	4,006.56	3,873.29	11.27	12.48	-127.35	554.20	524.92	997.43	974.72	22.71	43.921	
4,200.00	4,135.30	4,089.23	3,965.54	11.55	12.75	-126.99	569.84	545.43	1,025.50	1,002.28	23.22	44.165	
4,300.00	4,233.52	4,185.01	4,057.78	11.83	13.06	-126.65	585.48	565.93	1,053.60	1,029.82	23.78	44.309	
4,400.00	4,331.74	4,280.80	4,150.03	12.12	13.38	-126.32	601.12	586.44	1,081.74	1,057.39	24.35	44.432	
4,500.00	4,429.96	4,376.58	4,242.28	12.41	13.70	-126.02	616.76	606.95	1,109.91	1,084.99	24.92	44.536	
4,600.00	4,528.18	4,472.37	4,334.53	12.71	14.03	-125.73	632.40	627.46	1,138.10	1,112.60	25.50	44.625	
4,700.00	4,626.41	4,568.15	4,426.77	13.01	14.36	-125.45	648.04	647.96	1,166.33	1,140.23	26.09	44.699	
4,800.00	4,724.63	4,663.94	4,519.02	13.31	14.69	-125.18	663.68	668.47	1,194.57	1,167.88	26.69	44.760	
4,900.00	4,822.85	4,759.72	4,611.27	13.61	15.03	-124.93	679.32	688.98	1,222.84	1,195.55	27.29	44.809	
5,000.00	4,921.07	4,855.51	4,703.52	13.92	15.36	-124.69	694.96	709.49	1,251.13	1,223.23	27.90	44.849	
5,100.00	5,019.30	4,951.29	4,795.76	14.23	15.71	-124.46	710.60	730.00	1,279.44	1,250.93	28.51	44.879	

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,117.52	5,047.08	4,888.01	14.54	16.05	-124.24	726.24	750.50	1,307.77	1,278.64	29.13	44.901		
5,300.00	5,215.74	5,142.86	4,980.26	14.86	16.39	-124.03	741.88	771.01	1,336.11	1,306.36	29.75	44.916		
5,400.00	5,313.96	5,238.65	5,072.51	15.17	16.74	-123.83	757.51	791.52	1,364.47	1,334.10	30.37	44.924		
5,500.00	5,412.18	5,334.43	5,164.75	15.49	17.09	-123.63	773.15	812.03	1,392.84	1,361.84	31.00	44.927		
5,600.00	5,510.41	5,430.22	5,257.00	15.81	17.44	-123.45	788.79	832.53	1,421.23	1,389.60	31.64	44.925		
5,700.00	5,608.63	5,526.00	5,349.25	16.13	17.80	-123.27	804.43	853.04	1,449.64	1,417.36	32.27	44.918		
5,800.00	5,706.85	5,621.79	5,441.50	16.46	18.15	-123.09	820.07	873.55	1,478.05	1,445.14	32.91	44.908		
5,900.00	5,805.07	5,717.57	5,533.74	16.78	18.51	-122.93	835.71	894.06	1,506.48	1,472.92	33.56	44.893		
6,000.00	5,903.29	5,813.36	5,625.99	17.11	18.87	-122.77	851.35	914.57	1,534.92	1,500.71	34.20	44.876		
6,100.00	6,001.52	5,909.14	5,718.24	17.44	19.23	-122.62	866.99	935.07	1,563.37	1,528.51	34.85	44.856		
6,200.00	6,099.74	6,004.93	5,810.49	17.76	19.59	-122.47	882.63	955.58	1,591.82	1,556.32	35.51	44.834		
6,300.00	6,197.96	6,100.71	5,902.73	18.09	19.95	-122.32	898.27	976.09	1,620.29	1,584.13	36.16	44.809		
6,400.00	6,296.18	6,196.50	5,994.98	18.43	20.31	-122.19	913.91	996.60	1,648.77	1,611.95	36.82	44.783		
6,500.00	6,394.41	6,307.72	6,087.23	18.76	20.74	-122.05	929.55	1,017.10	1,677.25	1,639.72	37.53	44.687		
6,600.00	6,492.63	6,388.07	6,179.48	19.09	21.04	-121.92	945.19	1,037.61	1,705.75	1,667.61	38.14	44.725		
6,700.00	6,590.85	6,483.85	6,271.72	19.43	21.41	-121.80	960.83	1,058.12	1,734.25	1,695.45	38.80	44.694		
6,800.00	6,689.07	6,579.64	6,363.97	19.76	21.78	-121.68	976.47	1,078.63	1,762.76	1,723.29	39.47	44.663		
6,900.00	6,787.26	6,675.44	6,456.23	20.10	22.15	-116.58	992.11	1,099.14	1,791.24	1,751.11	40.14	44.629		
7,000.00	6,883.33	6,771.40	6,548.65	20.48	22.52	-99.61	1,007.78	1,119.68	1,818.16	1,777.31	40.85	44.506		
7,100.00	6,974.38	6,861.15	6,635.02	20.94	22.87	-92.05	1,022.42	1,139.20	1,842.38	1,800.76	41.63	44.258		
7,200.00	7,058.15	6,937.96	6,707.16	21.48	23.21	-87.67	1,034.69	1,162.40	1,864.32	1,821.86	42.46	43.903		
7,300.00	7,132.58	7,017.33	6,778.24	22.09	23.63	-84.89	1,046.82	1,195.44	1,883.85	1,840.37	43.48	43.326		
7,400.00	7,195.84	7,099.91	6,847.29	22.78	24.14	-83.12	1,058.66	1,239.05	1,900.61	1,855.92	44.69	42.526		
7,500.00	7,246.38	7,186.47	6,913.04	23.55	24.76	-82.12	1,070.01	1,294.09	1,914.32	1,868.18	46.13	41.495		
7,600.00	7,282.95	7,277.87	6,973.79	24.40	25.50	-81.77	1,080.57	1,361.44	1,924.71	1,876.90	47.81	40.259		
7,700.00	7,304.64	7,375.04	7,027.24	25.31	26.37	-82.00	1,089.96	1,441.94	1,931.56	1,881.84	49.72	38.846		
7,800.00	7,310.97	7,479.01	7,070.35	26.27	27.40	-82.79	1,097.68	1,536.10	1,934.72	1,882.86	51.87	37.302		
7,900.00	7,310.51	7,593.16	7,099.58	27.29	28.61	-83.68	1,103.14	1,646.15	1,936.04	1,881.78	54.25	35.685		
8,000.00	7,310.05	7,713.21	7,108.99	28.38	29.94	-83.98	1,105.31	1,765.64	1,936.50	1,879.71	56.79	34.099		
8,100.00	7,309.59	7,813.21	7,108.75	29.52	31.09	-83.99	1,105.75	1,865.64	1,936.48	1,877.31	59.17	32.730		
8,200.00	7,309.13	7,913.21	7,108.52	30.72	32.27	-83.99	1,106.20	1,965.64	1,936.46	1,874.83	61.63	31.421		
8,300.00	7,308.67	8,013.21	7,108.29	31.97	33.50	-84.00	1,106.64	2,065.64	1,936.44	1,872.27	64.17	30.176		
8,400.00	7,308.21	8,113.21	7,108.05	33.25	34.76	-84.01	1,107.09	2,165.64	1,936.42	1,869.64	66.78	28.995		
8,500.00	7,307.75	8,213.21	7,107.82	34.57	36.06	-84.01	1,107.54	2,265.64	1,936.40	1,866.94	69.46	27.878		
8,600.00	7,307.29	8,313.21	7,107.59	35.92	37.38	-84.02	1,107.98	2,365.63	1,936.38	1,864.19	72.19	26.823		
8,700.00	7,306.83	8,413.21	7,107.35	37.30	38.73	-84.03	1,108.43	2,465.63	1,936.37	1,861.39	74.97	25.828		
8,800.00	7,306.37	8,513.21	7,107.12	38.70	40.11	-84.03	1,108.88	2,565.63	1,936.35	1,858.55	77.79	24.890		
8,900.00	7,305.91	8,613.21	7,106.89	40.12	41.51	-84.04	1,109.32	2,665.63	1,936.33	1,855.67	80.66	24.007		
9,000.00	7,305.45	8,713.21	7,106.65	41.56	42.92	-84.05	1,109.77	2,765.63	1,936.31	1,852.75	83.56	23.174		
9,100.00	7,304.99	8,813.21	7,106.42	43.02	44.36	-84.05	1,110.21	2,865.63	1,936.29	1,849.80	86.49	22.388		
9,200.00	7,304.53	8,913.21	7,106.19	44.50	45.80	-84.06	1,110.66	2,965.62	1,936.27	1,846.82	89.45	21.647		
9,300.00	7,304.07	9,013.21	7,105.96	45.99	47.27	-84.07	1,111.11	3,065.62	1,936.25	1,843.82	92.43	20.948		
9,400.00	7,303.61	9,113.21	7,105.72	47.49	48.75	-84.07	1,111.55	3,165.62	1,936.23	1,840.79	95.44	20.288		
9,500.00	7,303.15	9,213.21	7,105.49	49.00	50.24	-84.08	1,112.00	3,265.62	1,936.21	1,837.74	98.47	19.663		
9,600.00	7,302.69	9,313.21	7,105.26	50.52	51.74	-84.09	1,112.44	3,365.62	1,936.19	1,834.68	101.52	19.072		
9,700.00	7,302.23	9,413.21	7,105.02	52.06	53.25	-84.09	1,112.89	3,465.62	1,936.18	1,831.59	104.58	18.513		
9,800.00	7,301.77	9,513.21	7,104.79	53.60	54.77	-84.10	1,113.34	3,565.62	1,936.16	1,828.49	107.67	17.983		
9,900.00	7,301.31	9,613.21	7,104.56	55.14	56.29	-84.11	1,113.78	3,665.61	1,936.14	1,825.37	110.76	17.480		
10,000.00	7,300.85	9,713.21	7,104.32	56.70	57.83	-84.11	1,114.23	3,765.61	1,936.12	1,822.24	113.87	17.002		
10,100.00	7,300.39	9,813.21	7,104.09	58.26	59.37	-84.12	1,114.68	3,865.61	1,936.10	1,819.10	117.00	16.548		
10,200.00	7,299.93	9,913.20	7,103.86	59.83	60.93	-84.13	1,115.12	3,965.61	1,936.08	1,815.95	120.13	16.116		
10,300.00	7,299.47	10,013.20	7,103.63	61.40	62.48	-84.13	1,115.57	4,065.61	1,936.06	1,812.78	123.28	15.705		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,299.01	10,113.20	7,103.39	62.98	64.04	-84.14	1,116.01	4,165.61	1,936.04	1,809.61	126.43	15.313		
10,500.00	7,298.55	10,213.20	7,103.16	64.57	65.61	-84.15	1,116.46	4,265.60	1,936.03	1,806.43	129.60	14.939		
10,600.00	7,298.09	10,313.20	7,102.93	66.15	67.18	-84.15	1,116.91	4,365.60	1,936.01	1,803.24	132.77	14.582		
10,700.00	7,297.63	10,413.20	7,102.69	67.75	68.76	-84.16	1,117.35	4,465.60	1,935.99	1,800.04	135.95	14.240		
10,800.00	7,297.17	10,513.20	7,102.46	69.34	70.34	-84.17	1,117.80	4,565.60	1,935.97	1,796.83	139.14	13.914		
10,900.00	7,296.71	10,613.20	7,102.23	70.94	71.93	-84.17	1,118.24	4,665.60	1,935.95	1,793.62	142.34	13.601		
11,000.00	7,296.25	10,713.20	7,101.99	72.55	73.52	-84.18	1,118.69	4,765.60	1,935.93	1,790.40	145.54	13.302		
11,100.00	7,295.79	10,813.20	7,101.76	74.15	75.11	-84.19	1,119.14	4,865.60	1,935.91	1,787.17	148.74	13.015		
11,200.00	7,295.33	10,913.20	7,101.53	75.76	76.71	-84.20	1,119.58	4,965.59	1,935.90	1,783.94	151.96	12.740		
11,300.00	7,294.87	11,013.20	7,101.29	77.37	78.31	-84.20	1,120.03	5,065.59	1,935.88	1,780.70	155.18	12.475		
11,400.00	7,294.41	11,113.20	7,101.06	78.99	79.91	-84.21	1,120.48	5,165.59	1,935.86	1,777.46	158.40	12.221		
11,500.00	7,293.95	11,213.20	7,100.83	80.60	81.52	-84.22	1,120.92	5,265.59	1,935.84	1,774.21	161.63	11.977		
11,600.00	7,293.49	11,313.20	7,100.60	82.22	83.12	-84.22	1,121.37	5,365.59	1,935.82	1,770.96	164.86	11.742		
11,700.00	7,293.03	11,413.20	7,100.36	83.84	84.73	-84.23	1,121.81	5,465.59	1,935.80	1,767.71	168.10	11.516		
11,800.00	7,292.57	11,513.20	7,100.13	85.47	86.35	-84.24	1,122.26	5,565.58	1,935.79	1,764.45	171.34	11.298		
11,900.00	7,292.11	11,613.20	7,099.90	87.09	87.96	-84.24	1,122.71	5,665.58	1,935.77	1,761.19	174.58	11.088		
12,000.00	7,291.65	11,713.20	7,099.66	88.72	89.58	-84.25	1,123.15	5,765.58	1,935.75	1,757.92	177.83	10.886		
12,100.00	7,291.19	11,813.20	7,099.43	90.34	91.20	-84.26	1,123.60	5,865.58	1,935.73	1,754.65	181.08	10.690		
12,200.00	7,290.73	11,913.20	7,099.20	91.97	92.82	-84.26	1,124.05	5,965.58	1,935.71	1,751.38	184.33	10.501		
12,300.00	7,290.27	12,013.20	7,098.96	93.61	94.44	-84.27	1,124.49	6,065.58	1,935.70	1,748.11	187.59	10.319		
12,400.00	7,289.81	12,113.20	7,098.73	95.24	96.07	-84.28	1,124.94	6,165.58	1,935.68	1,744.83	190.85	10.142		
12,500.00	7,289.35	12,213.20	7,098.50	96.87	97.69	-84.28	1,125.38	6,265.57	1,935.66	1,741.55	194.11	9.972		
12,600.00	7,288.89	12,313.20	7,098.26	98.51	99.32	-84.29	1,125.83	6,365.57	1,935.64	1,738.27	197.38	9.807		
12,700.00	7,288.43	12,413.20	7,098.03	100.15	100.95	-84.30	1,126.28	6,465.57	1,935.62	1,734.98	200.64	9.647		
12,800.00	7,287.97	12,513.20	7,097.80	101.78	102.58	-84.30	1,126.72	6,565.57	1,935.60	1,731.69	203.91	9.492		
12,900.00	7,287.51	12,613.20	7,097.57	103.42	104.21	-84.31	1,127.17	6,665.57	1,935.59	1,728.40	207.18	9.342		
13,000.00	7,287.05	12,713.20	7,097.33	105.06	105.84	-84.32	1,127.61	6,765.57	1,935.57	1,725.11	210.46	9.197		
13,100.00	7,286.59	12,813.20	7,097.10	106.70	107.48	-84.32	1,128.06	6,865.57	1,935.55	1,721.82	213.73	9.056		
13,200.00	7,286.13	12,913.20	7,096.87	108.34	109.11	-84.33	1,128.51	6,965.56	1,935.53	1,718.52	217.01	8.919		
13,300.00	7,285.67	13,013.20	7,096.63	109.99	110.75	-84.34	1,128.95	7,065.56	1,935.52	1,715.22	220.29	8.786		
13,400.00	7,285.21	13,113.20	7,096.40	111.63	112.39	-84.34	1,129.40	7,165.56	1,935.50	1,711.92	223.57	8.657		
13,500.00	7,284.75	13,213.20	7,096.17	113.28	114.03	-84.35	1,129.85	7,265.56	1,935.48	1,708.62	226.86	8.532		
13,600.00	7,284.29	13,313.20	7,095.93	114.92	115.67	-84.36	1,130.29	7,365.56	1,935.46	1,705.32	230.14	8.410		
13,700.00	7,283.83	13,413.20	7,095.70	116.57	117.31	-84.36	1,130.74	7,465.56	1,935.44	1,702.02	233.43	8.291		
13,800.00	7,283.37	13,513.20	7,095.47	118.21	118.95	-84.37	1,131.18	7,565.55	1,935.43	1,698.71	236.71	8.176		
13,900.00	7,282.91	13,613.20	7,095.23	119.86	120.59	-84.38	1,131.63	7,665.55	1,935.41	1,695.40	240.00	8.064		
14,000.00	7,282.45	13,713.20	7,095.00	121.51	122.23	-84.38	1,132.08	7,765.55	1,935.39	1,692.10	243.29	7.955		
14,100.00	7,281.99	13,813.19	7,094.77	123.16	123.88	-84.39	1,132.52	7,865.55	1,935.37	1,688.79	246.59	7.849		
14,200.00	7,281.53	13,913.19	7,094.54	124.81	125.52	-84.40	1,132.97	7,965.55	1,935.36	1,685.48	249.88	7.745		
14,300.00	7,281.07	14,013.19	7,094.30	126.46	127.17	-84.40	1,133.41	8,065.55	1,935.34	1,682.16	253.17	7.644		
14,400.00	7,280.61	14,113.19	7,094.07	128.11	128.81	-84.41	1,133.86	8,165.55	1,935.32	1,678.85	256.47	7.546		
14,500.00	7,280.15	14,213.19	7,093.84	129.76	130.46	-84.42	1,134.31	8,265.54	1,935.30	1,675.54	259.77	7.450		
14,600.00	7,279.69	14,313.19	7,093.60	131.41	132.11	-84.42	1,134.75	8,365.54	1,935.28	1,672.22	263.06	7.357		
14,700.00	7,279.23	14,413.19	7,093.37	133.07	133.75	-84.43	1,135.20	8,465.54	1,935.27	1,668.91	266.36	7.266		
14,800.00	7,278.77	14,513.19	7,093.14	134.72	135.40	-84.44	1,135.65	8,565.54	1,935.25	1,665.59	269.66	7.177		
14,900.00	7,278.31	14,613.19	7,092.90	136.37	137.05	-84.44	1,136.09	8,665.54	1,935.23	1,662.27	272.96	7.090		
15,000.00	7,277.85	14,713.19	7,092.67	138.03	138.70	-84.45	1,136.54	8,765.54	1,935.21	1,658.95	276.26	7.005		
15,100.00	7,277.39	14,813.19	7,092.44	139.68	140.35	-84.46	1,136.98	8,865.53	1,935.20	1,655.63	279.57	6.922		
15,200.00	7,276.93	14,913.19	7,092.20	141.33	142.00	-84.46	1,137.43	8,965.53	1,935.18	1,652.31	282.87	6.841		
15,300.00	7,276.47	15,013.19	7,091.97	142.99	143.65	-84.47	1,137.88	9,065.53	1,935.16	1,648.99	286.17	6.762		
15,400.00	7,276.01	15,113.19	7,091.74	144.65	145.30	-84.48	1,138.32	9,165.53	1,935.15	1,645.67	289.48	6.685		
15,500.00	7,275.55	15,213.19	7,091.51	146.30	146.96	-84.48	1,138.77	9,265.53	1,935.13	1,642.34	292.79	6.609		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,600.00	7,275.09	15,313.19	7,091.27	147.96	148.61	-84.49	1,139.21	9,365.53	1,935.11	1,639.02	296.09	6.536	
15,700.00	7,274.63	15,413.19	7,091.04	149.61	150.26	-84.50	1,139.66	9,465.53	1,935.09	1,635.69	299.40	6.463	
15,800.00	7,274.17	15,513.19	7,090.81	151.27	151.92	-84.50	1,140.11	9,565.52	1,935.08	1,632.37	302.71	6.393	
15,900.00	7,273.71	15,613.19	7,090.57	152.93	153.57	-84.51	1,140.55	9,665.52	1,935.06	1,629.04	306.02	6.323	
16,000.00	7,273.25	15,713.19	7,090.34	154.59	155.22	-84.52	1,141.00	9,765.52	1,935.04	1,625.72	309.33	6.256	
16,100.00	7,272.79	15,813.19	7,090.11	156.24	156.88	-84.52	1,141.45	9,865.52	1,935.02	1,622.39	312.64	6.189	
16,200.00	7,272.33	15,913.19	7,089.87	157.90	158.53	-84.53	1,141.89	9,965.52	1,935.01	1,619.06	315.95	6.124	
16,300.00	7,271.87	16,013.19	7,089.64	159.56	160.19	-84.54	1,142.34	10,065.52	1,934.99	1,615.73	319.26	6.061	
16,400.00	7,271.41	16,113.19	7,089.41	161.22	161.84	-84.54	1,142.78	10,165.51	1,934.97	1,612.40	322.57	5.999	
16,500.00	7,270.95	16,213.19	7,089.18	162.88	163.50	-84.55	1,143.23	10,265.51	1,934.96	1,609.07	325.88	5.938	
16,600.00	7,270.49	16,313.19	7,088.94	164.54	165.16	-84.56	1,143.68	10,365.51	1,934.94	1,605.74	329.20	5.878	
16,700.00	7,270.03	16,413.19	7,088.71	166.20	166.81	-84.56	1,144.12	10,465.51	1,934.92	1,602.41	332.51	5.819	
16,800.00	7,269.57	16,513.19	7,088.48	167.86	168.47	-84.57	1,144.57	10,565.51	1,934.91	1,599.08	335.82	5.762	
16,900.00	7,269.11	16,613.19	7,088.24	169.52	170.13	-84.58	1,145.02	10,665.51	1,934.89	1,595.75	339.14	5.705	
17,000.00	7,268.65	16,713.19	7,088.01	171.18	171.78	-84.58	1,145.46	10,765.51	1,934.87	1,592.42	342.45	5.650	
17,100.00	7,268.19	16,813.19	7,087.78	172.84	173.44	-84.59	1,145.91	10,865.50	1,934.85	1,589.08	345.77	5.596	
17,200.00	7,267.73	16,913.19	7,087.54	174.50	175.10	-84.60	1,146.35	10,965.50	1,934.84	1,585.75	349.09	5.543	
17,300.00	7,267.27	17,013.19	7,087.31	176.16	176.76	-84.60	1,146.80	11,065.50	1,934.82	1,582.42	352.40	5.490	
17,400.00	7,266.81	17,113.19	7,087.08	177.82	178.42	-84.61	1,147.25	11,165.50	1,934.80	1,579.08	355.72	5.439	
17,500.00	7,266.35	17,213.19	7,086.84	179.48	180.08	-84.62	1,147.69	11,265.50	1,934.79	1,575.75	359.04	5.389	
17,600.00	7,265.89	17,313.19	7,086.61	181.14	181.74	-84.62	1,148.14	11,365.50	1,934.77	1,572.41	362.36	5.339	
17,700.00	7,265.43	17,413.19	7,086.38	182.81	183.39	-84.63	1,148.58	11,465.50	1,934.75	1,569.08	365.67	5.291	
17,800.00	7,264.97	17,513.19	7,086.15	184.47	185.05	-84.64	1,149.03	11,565.49	1,934.74	1,565.74	368.99	5.243	
17,893.49	7,264.54	17,606.68	7,085.93	186.02	186.61	-84.64	1,149.45	11,658.98	1,934.72	1,562.62	372.10	5.200 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.54	1.46	-179.85	179.86				
100.00	100.00	102.00	102.00	3.28	3.28	-89.54	1.46	-179.85	179.86	172.33	7.53	23.888	
200.00	200.00	202.00	202.00	3.31	3.31	-89.54	1.46	-179.85	179.86	172.28	7.57	23.745 CC, ES	
300.00	299.98	304.26	304.26	3.35	3.35	141.82	1.65	-179.57	180.96	173.30	7.66	23.622	
400.00	399.84	409.50	409.44	3.41	3.42	143.52	3.67	-176.64	182.39	174.61	7.78	23.432	
500.00	499.45	514.30	513.96	3.49	3.52	146.57	7.85	-170.56	184.03	176.08	7.95	23.147	
600.00	598.70	618.35	617.41	3.61	3.64	150.89	14.14	-161.41	186.53	178.37	8.16	22.847	
700.00	697.47	721.38	719.39	3.77	3.79	156.29	22.46	-149.30	190.81	182.38	8.43	22.629	
800.00	795.74	823.23	819.60	3.96	3.98	162.49	32.72	-134.37	197.35	188.59	8.76	22.527	
900.00	893.96	924.00	918.07	4.19	4.21	169.06	44.85	-116.72	204.59	195.44	9.15	22.361	
1,000.00	992.19	1,022.41	1,013.51	4.45	4.48	175.75	58.43	-96.96	213.12	203.51	9.61	22.181	
1,100.00	1,090.41	1,118.85	1,106.90	4.73	4.77	-178.10	72.06	-77.12	224.21	214.08	10.12	22.151	
1,200.00	1,188.63	1,215.29	1,200.29	5.03	5.09	-172.56	85.69	-57.29	237.73	227.05	10.68	22.268	
1,300.00	1,286.85	1,311.73	1,293.69	5.34	5.43	-167.63	99.32	-37.46	253.30	242.04	11.26	22.486	
1,400.00	1,385.07	1,408.18	1,387.08	5.67	5.79	-163.27	112.95	-17.63	270.56	258.68	11.88	22.772	
1,500.00	1,483.30	1,504.62	1,480.47	6.00	6.16	-159.43	126.58	2.21	289.21	276.69	12.52	23.097	
1,600.00	1,581.52	1,601.06	1,573.86	6.35	6.54	-156.06	140.21	22.04	309.01	295.82	13.18	23.443	
1,700.00	1,679.74	1,697.50	1,667.25	6.70	6.93	-153.09	153.84	41.87	329.73	315.87	13.86	23.795	
1,800.00	1,777.96	1,806.06	1,760.64	7.06	7.37	-150.47	167.47	61.71	351.22	336.64	14.59	24.081	
1,900.00	1,876.19	1,909.62	1,854.03	7.26	7.60	-148.15	181.11	81.54	373.35	358.75	14.60	25.577	
2,000.00	1,974.41	1,986.83	1,947.42	7.31	7.64	-146.08	194.74	101.37	396.01	381.33	14.68	26.976	
2,100.00	2,072.63	2,083.27	2,040.81	7.37	7.72	-144.24	208.37	121.21	419.11	404.30	14.80	28.310	
2,200.00	2,170.85	2,179.71	2,134.20	7.45	7.81	-142.59	222.00	141.04	442.58	427.62	14.96	29.585	
2,300.00	2,269.07	2,276.15	2,227.59	7.54	7.92	-141.10	235.63	160.87	466.37	451.23	15.15	30.791	
2,400.00	2,367.30	2,372.59	2,320.98	7.65	8.05	-139.76	249.26	180.71	490.44	475.07	15.36	31.923	
2,500.00	2,465.52	2,469.03	2,414.37	7.78	8.19	-138.54	262.89	200.54	514.73	499.12	15.61	32.977	
2,600.00	2,563.74	2,565.48	2,507.76	7.92	8.34	-137.43	276.52	220.37	539.23	523.35	15.88	33.951	
2,700.00	2,661.96	2,661.92	2,601.15	8.07	8.52	-136.42	290.15	240.21	563.90	547.72	16.18	34.847	
2,800.00	2,760.18	2,758.36	2,694.55	8.24	8.70	-135.49	303.78	260.04	588.73	572.22	16.51	35.664	
2,900.00	2,858.41	2,854.80	2,787.94	8.42	8.90	-134.63	317.41	279.87	613.69	596.84	16.86	36.408	
3,000.00	2,956.63	2,951.24	2,881.33	8.61	9.10	-133.85	331.04	299.71	638.77	621.55	17.23	37.080	
3,100.00	3,054.85	3,047.68	2,974.72	8.81	9.32	-133.12	344.67	319.54	663.96	646.34	17.62	37.685	
3,200.00	3,153.07	3,144.12	3,068.11	9.02	9.55	-132.44	358.30	339.37	689.24	671.21	18.03	38.227	
3,300.00	3,251.30	3,240.57	3,161.50	9.24	9.79	-131.81	371.94	359.20	714.60	696.14	18.46	38.712	
3,400.00	3,349.52	3,337.01	3,254.89	9.47	10.04	-131.23	385.57	379.04	740.04	721.13	18.91	39.144	
3,500.00	3,447.74	3,433.45	3,348.28	9.71	10.29	-130.68	399.20	398.87	765.55	746.18	19.37	39.527	
3,600.00	3,545.96	3,529.89	3,441.67	9.95	10.56	-130.17	412.83	418.70	791.11	771.27	19.84	39.865	
3,700.00	3,644.18	3,626.33	3,535.06	10.21	10.83	-129.69	426.46	438.54	816.74	796.40	20.34	40.164	
3,800.00	3,742.41	3,722.77	3,628.45	10.46	11.10	-129.24	440.09	458.37	842.41	821.57	20.84	40.426	
3,900.00	3,840.63	3,819.22	3,721.84	10.73	11.39	-128.82	453.72	478.20	868.13	846.78	21.35	40.656	
4,000.00	3,938.85	3,915.66	3,815.23	11.00	11.68	-128.42	467.35	498.04	893.89	872.01	21.88	40.857	
4,100.00	4,037.07	4,012.10	3,908.62	11.27	11.97	-128.04	480.98	517.87	919.69	897.28	22.41	41.031	
4,200.00	4,135.30	4,108.54	4,002.02	11.55	12.27	-127.68	494.61	537.70	945.53	922.57	22.96	41.182	
4,300.00	4,233.52	4,204.98	4,095.41	11.83	12.57	-127.34	508.24	557.54	971.40	947.88	23.51	41.311	
4,400.00	4,331.74	4,301.42	4,188.80	12.12	12.88	-127.02	521.87	577.37	997.29	973.22	24.08	41.422	
4,500.00	4,429.96	4,402.14	4,282.19	12.41	13.20	-126.72	535.50	597.20	1,023.22	998.56	24.66	41.493	
4,600.00	4,528.18	4,505.69	4,375.58	12.71	13.54	-126.43	549.14	617.04	1,049.17	1,023.91	25.26	41.535	
4,700.00	4,626.41	4,609.25	4,468.97	13.01	13.88	-126.16	562.77	636.87	1,075.15	1,049.28	25.87	41.564	
4,800.00	4,724.63	4,687.19	4,562.36	13.31	14.14	-125.89	576.40	656.70	1,101.14	1,074.75	26.40	41.714	
4,900.00	4,822.85	4,783.63	4,655.75	13.61	14.46	-125.64	590.03	676.53	1,127.16	1,100.17	26.99	41.758	
5,000.00	4,921.07	4,880.07	4,749.14	13.92	14.79	-125.40	603.66	696.37	1,153.20	1,125.60	27.59	41.792	
5,100.00	5,019.30	4,976.51	4,842.53	14.23	15.12	-125.18	617.29	716.20	1,179.25	1,151.05	28.20	41.817	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,117.52	5,072.96	4,935.92	14.54	15.45	-124.96	630.92	736.03	1,205.32	1,176.51	28.81	41.835		
5,300.00	5,215.74	5,169.40	5,029.31	14.86	15.78	-124.75	644.55	755.87	1,231.41	1,201.98	29.43	41.847		
5,400.00	5,313.96	5,265.84	5,122.70	15.17	16.12	-124.55	658.18	775.70	1,257.51	1,227.47	30.05	41.853		
5,500.00	5,412.18	5,362.28	5,216.09	15.49	16.46	-124.36	671.81	795.53	1,283.63	1,252.96	30.67	41.854		
5,600.00	5,510.41	5,458.72	5,309.48	15.81	16.80	-124.17	685.44	815.37	1,309.76	1,278.46	31.30	41.850		
5,700.00	5,608.63	5,555.16	5,402.88	16.13	17.14	-123.99	699.07	835.20	1,335.90	1,303.97	31.93	41.842		
5,800.00	5,706.85	5,651.60	5,496.27	16.46	17.48	-123.82	712.70	855.03	1,362.05	1,329.49	32.56	41.830		
5,900.00	5,805.07	5,748.05	5,589.66	16.78	17.83	-123.66	726.33	874.87	1,388.21	1,355.01	33.20	41.815		
6,000.00	5,903.29	5,844.49	5,683.05	17.11	18.17	-123.50	739.97	894.70	1,414.39	1,380.55	33.84	41.798		
6,100.00	6,001.52	5,940.93	5,776.44	17.44	18.52	-123.35	753.60	914.53	1,440.57	1,406.09	34.48	41.778		
6,200.00	6,099.74	6,037.37	5,869.83	17.76	18.87	-123.20	767.23	934.37	1,466.76	1,431.63	35.13	41.756		
6,300.00	6,197.96	6,133.81	5,963.22	18.09	19.22	-123.06	780.86	954.20	1,492.96	1,457.19	35.78	41.732		
6,400.00	6,296.18	6,230.25	6,056.61	18.43	19.57	-122.92	794.49	974.03	1,519.17	1,482.75	36.43	41.706		
6,500.00	6,394.41	6,326.70	6,150.00	18.76	19.92	-122.79	808.12	993.87	1,545.39	1,508.31	37.08	41.679		
6,600.00	6,492.63	6,423.14	6,243.39	19.09	20.27	-122.66	821.75	1,013.70	1,571.61	1,533.88	37.73	41.651		
6,700.00	6,590.85	6,519.58	6,336.78	19.43	20.63	-122.54	835.38	1,033.53	1,597.85	1,559.46	38.39	41.621		
6,800.00	6,689.07	6,616.02	6,430.17	19.76	20.98	-122.42	849.01	1,053.36	1,624.08	1,585.03	39.05	41.591		
6,900.00	6,787.26	6,712.47	6,523.58	20.10	21.34	-117.36	862.64	1,073.20	1,650.30	1,610.59	39.71	41.559		
7,000.00	6,883.33	6,808.99	6,617.03	20.48	21.69	-100.62	876.28	1,093.05	1,675.08	1,634.67	40.42	41.446		
7,100.00	6,974.38	6,901.80	6,706.84	20.94	22.04	-93.31	889.38	1,112.49	1,697.42	1,656.23	41.19	41.208		
7,200.00	7,058.15	6,989.59	6,789.55	21.48	22.42	-89.24	901.16	1,139.21	1,717.47	1,675.38	42.08	40.810		
7,300.00	7,132.58	7,081.21	6,871.20	22.09	22.91	-86.75	912.36	1,179.07	1,734.98	1,691.79	43.19	40.174		
7,400.00	7,195.84	7,177.42	6,949.97	22.78	23.53	-85.25	922.67	1,233.17	1,749.57	1,705.04	44.52	39.295		
7,500.00	7,246.38	7,278.93	7,023.41	23.55	24.28	-84.50	931.68	1,302.52	1,760.89	1,714.76	46.12	38.179		
7,600.00	7,282.95	7,386.41	7,088.30	24.40	25.19	-84.34	938.88	1,387.73	1,768.62	1,720.63	47.99	36.852		
7,700.00	7,304.64	7,500.31	7,140.63	25.31	26.28	-84.72	943.66	1,488.61	1,772.50	1,722.37	50.13	35.358		
7,800.00	7,310.97	7,620.74	7,175.77	26.27	27.53	-85.56	945.37	1,603.61	1,772.30	1,719.80	52.50	33.758		
7,900.00	7,310.51	7,748.11	7,188.99	27.29	28.93	-86.00	943.37	1,730.05	1,769.49	1,714.44	55.05	32.142		
8,000.00	7,310.05	7,849.34	7,188.66	28.38	30.08	-86.00	940.10	1,831.23	1,765.82	1,708.43	57.39	30.769		
8,100.00	7,309.59	7,949.27	7,188.30	29.52	31.26	-85.99	936.86	1,931.11	1,762.14	1,702.34	59.80	29.465		
8,200.00	7,309.13	8,049.20	7,187.94	30.72	32.49	-85.99	933.63	2,030.99	1,758.47	1,696.16	62.31	28.223		
8,300.00	7,308.67	8,149.14	7,187.58	31.97	33.75	-85.98	930.40	2,130.87	1,754.80	1,689.91	64.88	27.045		
8,400.00	7,308.21	8,249.07	7,187.22	33.25	35.04	-85.98	927.17	2,230.75	1,751.12	1,683.59	67.53	25.932		
8,500.00	7,307.75	8,349.00	7,186.86	34.57	36.37	-85.97	923.94	2,330.63	1,747.45	1,677.22	70.23	24.880		
8,600.00	7,307.29	8,448.93	7,186.50	35.92	37.72	-85.97	920.71	2,430.51	1,743.78	1,670.78	72.99	23.890		
8,700.00	7,306.83	8,548.87	7,186.15	37.30	39.10	-85.96	917.47	2,530.39	1,740.10	1,664.30	75.80	22.957		
8,800.00	7,306.37	8,648.80	7,185.79	38.70	40.50	-85.96	914.24	2,630.27	1,736.43	1,657.78	78.65	22.079		
8,900.00	7,305.91	8,748.73	7,185.43	40.12	41.92	-85.95	911.01	2,730.15	1,732.76	1,651.22	81.53	21.252		
9,000.00	7,305.45	8,848.66	7,185.07	41.56	43.35	-85.95	907.78	2,830.03	1,729.08	1,644.63	84.45	20.474		
9,100.00	7,304.99	8,948.60	7,184.71	43.02	44.81	-85.94	904.55	2,929.91	1,725.41	1,638.01	87.40	19.741		
9,200.00	7,304.53	9,048.53	7,184.35	44.50	46.28	-85.94	901.32	3,029.78	1,721.74	1,631.36	90.38	19.050		
9,300.00	7,304.07	9,148.46	7,183.99	45.99	47.76	-85.93	898.08	3,129.66	1,718.06	1,624.68	93.38	18.398		
9,400.00	7,303.61	9,248.39	7,183.63	47.49	49.25	-85.93	894.85	3,229.54	1,714.39	1,617.98	96.41	17.783		
9,500.00	7,303.15	9,348.33	7,183.28	49.00	50.76	-85.92	891.62	3,329.42	1,710.72	1,611.27	99.45	17.201		
9,600.00	7,302.69	9,448.26	7,182.92	50.52	52.27	-85.92	888.39	3,429.30	1,707.05	1,604.53	102.52	16.651		
9,700.00	7,302.23	9,533.53	7,182.61	52.06	53.57	-85.91	885.74	3,514.53	1,703.54	1,598.16	105.38	16.166		
9,800.00	7,301.77	9,600.00	7,182.37	53.60	54.59	-85.91	884.93	3,581.00	1,701.83	1,593.87	107.95	15.764		
9,828.71	7,301.64	9,614.33	7,182.32	54.04	54.80	-85.91	884.96	3,595.33	1,701.73	1,593.12	108.61	15.668		
9,900.00	7,301.31	9,682.41	7,182.08	55.14	55.85	-85.91	885.39	3,663.40	1,701.86	1,591.09	110.77	15.364		
10,000.00	7,300.85	9,782.41	7,181.72	56.70	57.40	-85.92	886.03	3,763.40	1,702.05	1,588.16	113.89	14.945		
10,100.00	7,300.39	9,882.41	7,181.36	58.26	58.96	-85.92	886.67	3,863.40	1,702.24	1,585.21	117.02	14.546		
10,200.00	7,299.93	9,982.41	7,181.00	59.83	60.52	-85.93	887.31	3,963.39	1,702.42	1,582.26	120.17	14.167		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,299.47	10,082.41	7,180.64	61.40	62.09	-85.93	887.94	4,063.39	1,702.61	1,579.29	123.32	13.806		
10,400.00	7,299.01	10,182.41	7,180.28	62.98	63.66	-85.93	888.58	4,163.39	1,702.80	1,576.32	126.49	13.462		
10,500.00	7,298.55	10,282.41	7,179.92	64.57	65.24	-85.94	889.22	4,263.38	1,702.99	1,573.33	129.66	13.134		
10,600.00	7,298.09	10,382.41	7,179.56	66.15	66.82	-85.94	889.86	4,363.38	1,703.18	1,570.34	132.84	12.821		
10,700.00	7,297.63	10,482.41	7,179.20	67.75	68.41	-85.95	890.50	4,463.38	1,703.37	1,567.34	136.03	12.522		
10,800.00	7,297.17	10,582.41	7,178.84	69.34	70.00	-85.95	891.13	4,563.38	1,703.56	1,564.33	139.22	12.236		
10,900.00	7,296.71	10,682.41	7,178.49	70.94	71.59	-85.95	891.77	4,663.37	1,703.75	1,561.32	142.43	11.962		
11,000.00	7,296.25	10,782.41	7,178.13	72.55	73.19	-85.96	892.41	4,763.37	1,703.93	1,558.30	145.64	11.700		
11,100.00	7,295.79	10,882.41	7,177.77	74.15	74.79	-85.96	893.05	4,863.37	1,704.12	1,555.27	148.85	11.448		
11,200.00	7,295.33	10,982.40	7,177.41	75.76	76.40	-85.96	893.69	4,963.36	1,704.31	1,552.24	152.07	11.207		
11,300.00	7,294.87	11,082.40	7,177.05	77.37	78.00	-85.97	894.32	5,063.36	1,704.50	1,549.20	155.30	10.976		
11,400.00	7,294.41	11,182.40	7,176.69	78.99	79.61	-85.97	894.96	5,163.36	1,704.69	1,546.16	158.53	10.753		
11,500.00	7,293.95	11,282.40	7,176.33	80.60	81.23	-85.98	895.60	5,263.36	1,704.88	1,543.12	161.76	10.539		
11,600.00	7,293.49	11,382.40	7,175.97	82.22	82.84	-85.98	896.24	5,363.35	1,705.07	1,540.07	165.00	10.334		
11,700.00	7,293.03	11,482.40	7,175.61	83.84	84.46	-85.98	896.88	5,463.35	1,705.26	1,537.01	168.24	10.136		
11,800.00	7,292.57	11,582.40	7,175.25	85.47	86.08	-85.99	897.52	5,563.35	1,705.45	1,533.95	171.49	9.945		
11,900.00	7,292.11	11,682.40	7,174.89	87.09	87.70	-85.99	898.15	5,663.34	1,705.64	1,530.89	174.74	9.761		
12,000.00	7,291.65	11,782.40	7,174.53	88.72	89.32	-86.00	898.79	5,763.34	1,705.82	1,527.83	178.00	9.583		
12,100.00	7,291.19	11,882.40	7,174.18	90.34	90.95	-86.00	899.43	5,863.34	1,706.01	1,524.76	181.25	9.412		
12,200.00	7,290.73	11,982.40	7,173.82	91.97	92.57	-86.00	900.07	5,963.33	1,706.20	1,521.69	184.51	9.247		
12,300.00	7,290.27	12,082.40	7,173.46	93.61	94.20	-86.01	900.71	6,063.33	1,706.39	1,518.62	187.78	9.087		
12,400.00	7,289.81	12,182.40	7,173.10	95.24	95.83	-86.01	901.34	6,163.33	1,706.58	1,515.54	191.04	8.933		
12,500.00	7,289.35	12,282.40	7,172.74	96.87	97.46	-86.01	901.98	6,263.33	1,706.77	1,512.46	194.31	8.784		
12,600.00	7,288.89	12,382.40	7,172.38	98.51	99.09	-86.02	902.62	6,363.32	1,706.96	1,509.38	197.58	8.639		
12,700.00	7,288.43	12,482.40	7,172.02	100.15	100.73	-86.02	903.26	6,463.32	1,707.15	1,506.29	200.85	8.499		
12,800.00	7,287.97	12,582.40	7,171.66	101.78	102.36	-86.03	903.90	6,563.32	1,707.34	1,503.21	204.13	8.364		
12,900.00	7,287.51	12,682.40	7,171.30	103.42	104.00	-86.03	904.53	6,663.31	1,707.53	1,500.12	207.41	8.233		
13,000.00	7,287.05	12,782.40	7,170.94	105.06	105.63	-86.03	905.17	6,763.31	1,707.71	1,497.03	210.69	8.106		
13,100.00	7,286.59	12,882.40	7,170.58	106.70	107.27	-86.04	905.81	6,863.31	1,707.90	1,493.94	213.97	7.982		
13,200.00	7,286.13	12,982.40	7,170.22	108.34	108.91	-86.04	906.45	6,963.31	1,708.09	1,490.84	217.25	7.862		
13,300.00	7,285.67	13,082.40	7,169.87	109.99	110.55	-86.05	907.09	7,063.30	1,708.28	1,487.75	220.54	7.746		
13,400.00	7,285.21	13,182.40	7,169.51	111.63	112.19	-86.05	907.73	7,163.30	1,708.47	1,484.65	223.82	7.633		
13,500.00	7,284.75	13,282.40	7,169.15	113.28	113.83	-86.05	908.36	7,263.30	1,708.66	1,481.55	227.11	7.523		
13,600.00	7,284.29	13,382.40	7,168.79	114.92	115.48	-86.06	909.00	7,363.29	1,708.85	1,478.45	230.40	7.417		
13,700.00	7,283.83	13,482.40	7,168.43	116.57	117.12	-86.06	909.64	7,463.29	1,709.04	1,475.35	233.69	7.313		
13,800.00	7,283.37	13,582.40	7,168.07	118.21	118.77	-86.06	910.28	7,563.29	1,709.23	1,472.24	236.98	7.212		
13,900.00	7,282.91	13,682.40	7,167.71	119.86	120.41	-86.07	910.92	7,663.29	1,709.42	1,469.14	240.28	7.114		
14,000.00	7,282.45	13,782.40	7,167.35	121.51	122.06	-86.07	911.55	7,763.28	1,709.61	1,466.03	243.57	7.019		
14,100.00	7,281.99	13,882.40	7,166.99	123.16	123.70	-86.08	912.19	7,863.28	1,709.79	1,462.92	246.87	6.926		
14,200.00	7,281.53	13,982.40	7,166.63	124.81	125.35	-86.08	912.83	7,963.28	1,709.98	1,459.82	250.17	6.835		
14,300.00	7,281.07	14,082.40	7,166.27	126.46	127.00	-86.08	913.47	8,063.27	1,710.17	1,456.71	253.47	6.747		
14,400.00	7,280.61	14,182.40	7,165.91	128.11	128.65	-86.09	914.11	8,163.27	1,710.36	1,453.59	256.77	6.661		
14,500.00	7,280.15	14,282.40	7,165.55	129.76	130.30	-86.09	914.74	8,263.27	1,710.55	1,450.48	260.07	6.577		
14,600.00	7,279.69	14,382.40	7,165.20	131.41	131.95	-86.09	915.38	8,363.26	1,710.74	1,447.37	263.37	6.496		
14,700.00	7,279.23	14,482.40	7,164.84	133.07	133.60	-86.10	916.02	8,463.26	1,710.93	1,444.26	266.67	6.416		
14,800.00	7,278.77	14,582.40	7,164.48	134.72	135.25	-86.10	916.66	8,563.26	1,711.12	1,441.14	269.98	6.338		
14,900.00	7,278.31	14,682.40	7,164.12	136.37	136.90	-86.11	917.30	8,663.26	1,711.31	1,438.02	273.28	6.262		
15,000.00	7,277.85	14,782.40	7,163.76	138.03	138.55	-86.11	917.93	8,763.25	1,711.50	1,434.91	276.59	6.188		
15,100.00	7,277.39	14,882.40	7,163.40	139.68	140.20	-86.11	918.57	8,863.25	1,711.69	1,431.79	279.90	6.115		
15,200.00	7,276.93	14,982.40	7,163.04	141.33	141.86	-86.12	919.21	8,963.25	1,711.88	1,428.67	283.20	6.045		
15,300.00	7,276.47	15,082.40	7,162.68	142.99	143.51	-86.12	919.85	9,063.24	1,712.06	1,425.55	286.51	5.976		
15,400.00	7,276.01	15,182.39	7,162.32	144.65	145.16	-86.13	920.49	9,163.24	1,712.25	1,422.43	289.82	5.908		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,500.00	7,275.55	15,282.39	7,161.96	146.30	146.82	-86.13	921.13	9,263.24	1,712.44	1,419.31	293.13	5.842	
15,600.00	7,275.09	15,382.39	7,161.60	147.96	148.47	-86.13	921.76	9,363.24	1,712.63	1,416.19	296.44	5.777	
15,700.00	7,274.63	15,482.39	7,161.25	149.61	150.13	-86.14	922.40	9,463.23	1,712.82	1,413.07	299.75	5.714	
15,800.00	7,274.17	15,582.39	7,160.89	151.27	151.78	-86.14	923.04	9,563.23	1,713.01	1,409.94	303.07	5.652	
15,900.00	7,273.71	15,682.39	7,160.53	152.93	153.44	-86.14	923.68	9,663.23	1,713.20	1,406.82	306.38	5.592	
16,000.00	7,273.25	15,782.39	7,160.17	154.59	155.09	-86.15	924.32	9,763.22	1,713.39	1,403.70	309.69	5.533	
16,100.00	7,272.79	15,882.39	7,159.81	156.24	156.75	-86.15	924.95	9,863.22	1,713.58	1,400.57	313.01	5.475	
16,200.00	7,272.33	15,982.39	7,159.45	157.90	158.41	-86.16	925.59	9,963.22	1,713.77	1,397.45	316.32	5.418	
16,300.00	7,271.87	16,082.39	7,159.09	159.56	160.06	-86.16	926.23	10,063.22	1,713.96	1,394.32	319.64	5.362	
16,400.00	7,271.41	16,182.39	7,158.73	161.22	161.72	-86.16	926.87	10,163.21	1,714.15	1,391.19	322.95	5.308	
16,500.00	7,270.95	16,282.39	7,158.37	162.88	163.38	-86.17	927.51	10,263.21	1,714.34	1,388.07	326.27	5.254	
16,600.00	7,270.49	16,382.39	7,158.01	164.54	165.04	-86.17	928.14	10,363.21	1,714.52	1,384.94	329.58	5.202	
16,700.00	7,270.03	16,482.39	7,157.65	166.20	166.69	-86.17	928.78	10,463.20	1,714.71	1,381.81	332.90	5.151	
16,800.00	7,269.57	16,582.39	7,157.29	167.86	168.35	-86.18	929.42	10,563.20	1,714.90	1,378.68	336.22	5.101	
16,900.00	7,269.11	16,682.39	7,156.94	169.52	170.01	-86.18	930.06	10,663.20	1,715.09	1,375.55	339.54	5.051	
17,000.00	7,268.65	16,782.39	7,156.58	171.18	171.67	-86.19	930.70	10,763.19	1,715.28	1,372.42	342.86	5.003	
17,100.00	7,268.19	16,882.39	7,156.22	172.84	173.33	-86.19	931.34	10,863.19	1,715.47	1,369.30	346.18	4.955	
17,200.00	7,267.73	16,982.39	7,155.86	174.50	174.99	-86.19	931.97	10,963.19	1,715.66	1,366.16	349.50	4.909	
17,300.00	7,267.27	17,082.39	7,155.50	176.16	176.65	-86.20	932.61	11,063.19	1,715.85	1,363.03	352.82	4.863	
17,400.00	7,266.81	17,182.39	7,155.14	177.82	178.31	-86.20	933.25	11,163.18	1,716.04	1,359.90	356.14	4.818	
17,500.00	7,266.35	17,282.39	7,154.78	179.48	179.97	-86.21	933.89	11,263.18	1,716.23	1,356.77	359.46	4.774	
17,600.00	7,265.89	17,382.39	7,154.42	181.14	181.63	-86.21	934.53	11,363.18	1,716.42	1,353.64	362.78	4.731	
17,700.00	7,265.43	17,482.39	7,154.06	182.81	183.29	-86.21	935.16	11,463.17	1,716.61	1,350.51	366.10	4.689	
17,800.00	7,264.97	17,582.39	7,153.70	184.47	184.95	-86.22	935.80	11,563.17	1,716.80	1,347.37	369.42	4.647	
17,893.49	7,264.54	17,675.88	7,153.37	186.02	186.50	-86.22	936.40	11,656.66	1,716.97	1,344.44	372.53	4.609 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.18	-3.26	1,059.90	1,059.91				
100.00	100.00	100.00	100.00	3.28	3.28	90.18	-3.26	1,059.90	1,059.91	1,052.38	7.53	140.780	
200.00	200.00	200.00	200.00	3.31	3.31	90.18	-3.26	1,059.90	1,059.91	1,052.34	7.57	139.943	
300.00	299.98	287.82	287.82	3.35	3.34	-38.94	-3.13	1,060.12	1,058.84	1,051.19	7.65	138.378	
400.00	399.84	363.38	363.35	3.41	3.39	-39.15	-2.15	1,061.86	1,057.07	1,049.32	7.75	136.351	
500.00	499.45	438.74	438.60	3.49	3.45	-39.51	-0.20	1,065.32	1,054.93	1,047.05	7.89	133.770	
600.00	598.70	513.78	513.41	3.61	3.52	-40.01	2.70	1,070.48	1,052.48	1,044.43	8.05	130.663	
700.00	697.47	588.39	587.60	3.77	3.61	-40.66	6.54	1,077.30	1,049.81	1,041.55	8.26	127.053	
800.00	795.74	662.51	661.09	3.96	3.71	-41.41	11.30	1,085.73	1,047.49	1,038.98	8.51	123.061	
849.84	844.70	700.00	698.15	4.07	3.76	-41.80	14.06	1,090.63	1,047.20	1,038.55	8.65	121.046 CC, ES	
900.00	893.96	736.32	733.99	4.19	3.82	-42.19	16.96	1,095.78	1,047.56	1,038.76	8.80	119.071	
1,000.00	992.19	822.00	804.48	4.45	3.98	-43.00	23.33	1,107.09	1,050.28	1,041.14	9.14	114.964	
1,100.00	1,090.41	905.67	900.25	4.73	4.17	-44.11	32.73	1,123.76	1,054.72	1,045.18	9.53	110.633	
1,200.00	1,188.63	1,003.34	996.03	5.03	4.40	-45.22	42.13	1,140.44	1,059.57	1,049.58	9.99	106.047	
1,300.00	1,286.85	1,101.01	1,091.81	5.34	4.66	-46.32	51.52	1,157.11	1,064.84	1,054.36	10.48	101.596	
1,400.00	1,385.07	1,201.33	1,187.58	5.67	4.95	-47.41	60.92	1,173.78	1,070.51	1,059.51	11.00	97.282	
1,500.00	1,483.30	1,303.66	1,283.36	6.00	5.26	-48.49	70.31	1,190.46	1,076.58	1,065.02	11.56	93.156	
1,600.00	1,581.52	1,405.99	1,379.13	6.35	5.58	-49.55	79.71	1,207.13	1,083.04	1,070.91	12.13	89.291	
1,700.00	1,679.74	1,508.32	1,474.91	6.70	5.92	-50.61	89.10	1,223.80	1,089.89	1,077.16	12.72	85.675	
1,800.00	1,777.96	1,589.35	1,570.68	7.06	6.19	-51.65	98.50	1,240.47	1,097.11	1,083.84	13.27	82.659	
1,900.00	1,876.19	1,687.02	1,666.46	7.26	6.52	-52.67	107.90	1,257.15	1,104.70	1,091.19	13.51	81.759	
2,000.00	1,974.41	1,784.69	1,762.24	7.31	6.87	-53.69	117.29	1,273.82	1,112.65	1,098.83	13.82	80.495	
2,100.00	2,072.63	1,882.36	1,858.01	7.37	7.08	-54.68	126.69	1,290.49	1,120.96	1,107.09	13.87	80.804	
2,200.00	2,170.85	1,980.03	1,953.79	7.45	7.15	-55.67	136.08	1,307.16	1,129.62	1,115.63	13.99	80.723	
2,300.00	2,269.07	2,077.70	2,049.56	7.54	7.21	-56.64	145.48	1,323.84	1,138.62	1,124.49	14.12	80.621	
2,400.00	2,367.30	2,175.37	2,145.34	7.65	7.28	-57.59	154.87	1,340.51	1,147.94	1,133.66	14.28	80.364	
2,500.00	2,465.52	2,273.03	2,241.11	7.78	7.37	-58.53	164.27	1,357.18	1,157.59	1,143.11	14.48	79.963	
2,600.00	2,563.74	2,370.70	2,336.89	7.92	7.47	-59.46	173.66	1,373.86	1,167.55	1,152.86	14.70	79.433	
2,700.00	2,661.96	2,468.37	2,432.67	8.07	7.59	-60.37	183.06	1,390.53	1,177.82	1,162.88	14.95	78.789	
2,800.00	2,760.18	2,566.04	2,528.44	8.24	7.72	-61.26	192.46	1,407.20	1,188.39	1,173.17	15.23	78.045	
2,900.00	2,858.41	2,663.71	2,624.22	8.42	7.86	-62.14	201.85	1,423.87	1,199.25	1,183.72	15.53	77.218	
3,000.00	2,956.63	2,761.38	2,719.99	8.61	8.02	-63.00	211.25	1,440.55	1,210.40	1,194.54	15.86	76.324	
3,100.00	3,054.85	2,859.05	2,815.77	8.81	8.19	-63.85	220.64	1,457.22	1,221.82	1,205.61	16.21	75.375	
3,200.00	3,153.07	2,956.72	2,911.54	9.02	8.37	-64.68	230.04	1,473.89	1,233.51	1,216.92	16.58	74.386	
3,300.00	3,251.30	3,054.39	3,007.32	9.24	8.55	-65.50	239.43	1,490.57	1,245.45	1,228.48	16.98	73.369	
3,400.00	3,349.52	3,152.06	3,103.10	9.47	8.75	-66.30	248.83	1,507.24	1,257.65	1,240.27	17.39	72.334	
3,500.00	3,447.74	3,249.73	3,198.87	9.71	8.96	-67.09	258.22	1,523.91	1,270.10	1,252.28	17.82	71.291	
3,600.00	3,545.96	3,347.39	3,294.65	9.95	9.17	-67.86	267.62	1,540.58	1,282.78	1,264.52	18.26	70.247	
3,700.00	3,644.18	3,445.06	3,390.42	10.21	9.40	-68.61	277.02	1,557.26	1,295.70	1,276.98	18.72	69.209	
3,800.00	3,742.41	3,542.73	3,486.20	10.46	9.63	-69.36	286.41	1,573.93	1,308.84	1,289.65	19.20	68.183	
3,900.00	3,840.63	3,640.40	3,581.97	10.73	9.86	-70.08	295.81	1,590.60	1,322.20	1,302.52	19.68	67.173	
4,000.00	3,938.85	3,738.07	3,677.75	11.00	10.10	-70.80	305.20	1,607.27	1,335.77	1,315.59	20.18	66.182	
4,100.00	4,037.07	3,835.74	3,773.53	11.27	10.35	-71.50	314.60	1,623.95	1,349.54	1,328.85	20.69	65.215	
4,200.00	4,135.30	3,933.41	3,869.30	11.55	10.61	-72.18	323.99	1,640.62	1,363.52	1,342.30	21.22	64.271	
4,300.00	4,233.52	4,031.08	3,965.08	11.83	10.86	-72.85	333.39	1,657.29	1,377.68	1,355.94	21.75	63.354	
4,400.00	4,331.74	4,128.75	4,060.85	12.12	11.13	-73.51	342.78	1,673.97	1,392.04	1,369.75	22.29	62.463	
4,500.00	4,429.96	4,226.42	4,156.63	12.41	11.39	-74.16	352.18	1,690.64	1,406.57	1,383.74	22.83	61.601	
4,600.00	4,528.18	4,324.09	4,252.40	12.71	11.67	-74.79	361.58	1,707.31	1,421.28	1,397.89	23.39	60.766	
4,700.00	4,626.41	4,421.75	4,348.18	13.01	11.94	-75.41	370.97	1,723.98	1,436.16	1,412.21	23.95	59.960	
4,800.00	4,724.63	4,519.42	4,443.96	13.31	12.22	-76.02	380.37	1,740.66	1,451.21	1,426.69	24.52	59.181	
4,900.00	4,822.85	4,617.09	4,539.73	13.61	12.50	-76.61	389.76	1,757.33	1,466.41	1,441.31	25.10	58.429	
5,000.00	4,921.07	4,714.76	4,635.51	13.92	12.79	-77.20	399.16	1,774.00	1,481.77	1,456.09	25.68	57.704	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.30	4,812.43	4,731.28	14.23	13.07	-77.77	408.55	1,790.68	1,497.28	1,471.02	26.27	57.006	
5,200.00	5,117.52	4,910.10	4,827.06	14.54	13.37	-78.33	417.95	1,807.35	1,512.94	1,486.08	26.86	56.332	
5,300.00	5,215.74	5,007.77	4,922.83	14.86	13.66	-78.87	427.34	1,824.02	1,528.73	1,501.28	27.45	55.684	
5,400.00	5,313.96	5,105.44	5,018.61	15.17	13.95	-79.41	436.74	1,840.69	1,544.67	1,516.61	28.05	55.059	
5,500.00	5,412.18	5,203.11	5,114.39	15.49	14.25	-79.94	446.14	1,857.37	1,560.73	1,532.07	28.66	54.458	
5,600.00	5,510.41	5,300.78	5,210.16	15.81	14.55	-80.45	455.53	1,874.04	1,576.93	1,547.66	29.27	53.878	
5,700.00	5,608.63	5,398.45	5,305.94	16.13	14.85	-80.96	464.93	1,890.71	1,593.25	1,563.36	29.88	53.320	
5,800.00	5,706.85	5,503.89	5,401.71	16.46	15.18	-81.46	474.32	1,907.38	1,609.69	1,579.17	30.52	52.744	
5,900.00	5,805.07	5,606.22	5,497.49	16.78	15.50	-81.94	483.72	1,924.06	1,626.24	1,595.09	31.15	52.204	
6,000.00	5,903.29	5,691.45	5,593.26	17.11	15.77	-82.42	493.11	1,940.73	1,642.91	1,611.18	31.74	51.766	
6,100.00	6,001.52	6,080.82	6,962.33	17.44	23.92	-135.10	633.75	800.56	1,616.35	1,580.39	35.96	44.952	
6,200.00	6,099.74	8,063.86	6,962.74	17.76	23.75	-134.42	633.71	817.52	1,569.99	1,533.30	36.69	42.786	
6,300.00	6,197.96	8,046.89	6,963.14	18.09	23.57	-133.75	633.67	834.48	1,528.59	1,491.15	37.44	40.827	
6,400.00	6,296.18	8,029.93	6,963.55	18.43	23.39	-133.07	633.63	851.44	1,492.56	1,454.38	38.18	39.088	
6,500.00	6,394.41	8,012.96	6,963.96	18.76	23.21	-132.39	633.60	868.40	1,462.30	1,423.39	38.91	37.580	
6,600.00	6,492.63	8,004.00	6,964.37	19.09	23.11	-131.71	633.56	885.36	1,438.16	1,398.48	39.68	36.243	
6,700.00	6,590.85	7,979.04	6,964.78	19.43	22.87	-131.03	633.52	902.32	1,420.47	1,380.21	40.26	35.282	
6,800.00	6,689.07	7,962.07	6,965.19	19.76	22.70	-130.35	633.48	919.28	1,409.46	1,368.61	40.85	34.506	
6,900.00	6,787.26	7,944.89	6,965.60	20.10	22.53	-125.13	633.44	936.45	1,405.29	1,363.94	41.35	33.984	
6,910.71	6,797.72	7,942.71	6,965.65	20.14	22.51	-122.60	633.44	938.63	1,405.25	1,363.85	41.40	33.942	
7,000.00	6,883.33	7,917.74	6,966.25	20.48	22.27	-109.12	633.38	963.60	1,407.84	1,366.13	41.71	33.755	
7,100.00	6,974.38	7,875.87	6,967.26	20.94	21.88	-100.83	633.29	1,005.45	1,416.18	1,374.26	41.93	33.779	
7,200.00	7,058.15	7,820.34	6,968.60	21.48	21.38	-94.71	633.17	1,060.97	1,428.79	1,386.76	42.03	33.994	
7,300.00	7,132.58	7,752.50	6,970.23	22.09	20.82	-89.55	633.02	1,128.79	1,443.74	1,401.66	42.09	34.304	
7,400.00	7,195.84	7,674.02	6,972.12	22.78	20.23	-85.14	632.85	1,207.25	1,459.03	1,416.88	42.15	34.618	
7,500.00	7,246.38	7,586.84	6,974.21	23.55	19.65	-81.57	632.65	1,294.40	1,472.74	1,430.46	42.28	34.830	
7,600.00	7,282.95	7,506.90	6,976.47	24.40	19.21	-79.00	632.45	1,388.11	1,483.25	1,440.61	42.63	34.791	
7,700.00	7,304.64	7,412.10	6,975.71	25.31	18.82	-77.50	632.00	1,469.07	1,489.78	1,446.75	43.03	34.624	
7,800.00	7,310.97	7,336.90	6,966.21	26.27	18.59	-76.64	630.72	1,543.61	1,492.79	1,449.20	43.59	34.245	
7,900.00	7,310.51	7,264.30	6,948.80	27.29	18.43	-75.98	628.67	1,614.02	1,495.29	1,451.06	44.23	33.806	
8,000.00	7,310.05	7,200.00	6,926.81	28.38	18.34	-75.15	626.22	1,674.37	1,499.98	1,455.06	44.91	33.396	
8,100.00	7,309.59	7,134.18	6,898.14	29.52	18.29	-74.07	623.12	1,733.50	1,507.30	1,461.69	45.62	33.044	
8,200.00	7,309.13	7,077.95	6,868.95	30.72	18.28	-72.98	620.01	1,781.44	1,517.77	1,471.46	46.30	32.778	
8,300.00	7,308.67	7,027.65	6,839.35	31.97	18.28	-71.87	616.90	1,821.98	1,531.80	1,484.84	46.96	32.619	
8,400.00	7,308.21	6,982.92	6,810.43	33.25	18.29	-70.81	613.88	1,855.95	1,549.76	1,502.19	47.57	32.579 SF	
8,500.00	7,307.75	6,950.00	6,787.67	34.57	18.30	-69.97	611.52	1,879.61	1,571.92	1,523.79	48.13	32.662	
8,600.00	7,307.29	6,900.00	6,750.85	35.92	18.32	-68.63	607.72	1,913.20	1,598.39	1,549.80	48.60	32.892	
8,700.00	7,306.83	6,876.94	6,733.00	37.30	18.32	-67.99	605.89	1,927.70	1,629.19	1,580.16	49.03	33.228	
8,800.00	7,306.37	6,850.00	6,711.51	38.70	18.33	-67.22	603.69	1,943.79	1,664.38	1,614.99	49.39	33.699	
8,900.00	7,305.91	6,824.49	6,690.55	40.12	18.34	-66.48	601.55	1,958.17	1,703.82	1,654.14	49.68	34.294	
9,000.00	7,305.45	6,800.00	6,669.91	41.56	18.34	-65.75	599.45	1,971.17	1,747.36	1,697.45	49.91	35.008	
9,100.00	7,304.99	6,782.51	6,654.87	43.02	18.34	-65.23	597.92	1,979.96	1,794.81	1,744.71	50.10	35.823	
9,200.00	7,304.53	6,764.61	6,639.23	44.50	18.35	-64.68	596.34	1,988.53	1,845.96	1,795.72	50.24	36.744	
9,300.00	7,304.07	6,750.00	6,626.29	45.99	18.35	-64.24	595.03	1,995.19	1,900.57	1,850.23	50.34	37.755	
9,400.00	7,303.61	6,733.73	6,611.71	47.49	18.34	-63.74	593.55	2,002.25	1,958.42	1,908.02	50.39	38.863	
9,500.00	7,303.15	6,720.35	6,599.59	49.00	18.34	-63.32	592.33	2,007.78	2,019.26	1,968.84	50.42	40.047	
9,600.00	7,302.69	6,700.00	6,580.94	50.52	18.34	-62.69	590.45	2,015.70	2,082.94	2,032.54	50.40	41.328	
9,700.00	7,302.23	6,700.00	6,580.94	52.06	18.34	-62.69	590.45	2,015.70	2,149.07	2,098.65	50.42	42.621	
9,800.00	7,301.77	6,700.00	6,580.94	53.60	18.34	-62.69	590.45	2,015.70	2,217.75	2,167.32	50.42	43.982	
9,900.00	7,301.31	6,677.08	6,559.64	55.14	18.33	-61.98	588.31	2,023.89	2,288.30	2,237.96	50.34	45.460	
10,000.00	7,300.85	6,668.29	6,551.40	56.70	18.33	-61.70	587.48	2,026.82	2,360.98	2,310.70	50.28	46.954	
10,100.00	7,300.39	6,650.00	6,534.12	58.26	18.32	-61.13	585.74	2,032.56	2,435.57	2,385.38	50.19	48.528	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.17	-3.26	1,079.67	1,079.68				
100.00	100.00	101.00	101.00	3.28	3.28	90.17	-3.26	1,079.67	1,079.68	1,072.15	7.53	143.403	
200.00	200.00	201.00	201.00	3.31	3.31	90.17	-3.26	1,079.67	1,079.68	1,072.10	7.57	142.546	
300.00	299.98	289.15	289.15	3.35	3.34	-38.95	-3.10	1,079.89	1,078.60	1,070.95	7.65	140.945	
400.00	399.84	365.82	365.79	3.41	3.39	-39.17	-1.86	1,081.55	1,076.71	1,068.95	7.76	138.839	
500.00	499.45	442.23	442.09	3.49	3.45	-39.56	0.58	1,084.85	1,074.30	1,066.41	7.89	136.139	
600.00	598.70	518.25	517.86	3.61	3.53	-40.10	4.21	1,089.76	1,071.46	1,063.40	8.06	132.881	
700.00	697.47	593.72	592.89	3.77	3.61	-40.80	9.00	1,096.23	1,068.28	1,060.01	8.27	129.099	
800.00	795.74	668.58	667.09	3.96	3.72	-41.60	14.90	1,104.21	1,065.35	1,056.82	8.53	124.910	
874.47	868.88	724.06	721.90	4.13	3.80	-42.23	20.02	1,111.13	1,064.64	1,055.90	8.74	121.775 CC, ES	
900.00	893.96	743.03	740.60	4.19	3.84	-42.45	21.92	1,113.69	1,064.73	1,055.91	8.82	120.711	
1,000.00	992.19	816.99	813.29	4.45	3.97	-43.35	30.01	1,124.63	1,066.69	1,057.54	9.15	116.633	
1,100.00	1,090.41	903.01	897.47	4.73	4.16	-44.44	40.56	1,138.87	1,071.00	1,061.46	9.54	112.261	
1,200.00	1,188.63	1,000.05	992.38	5.03	4.40	-45.66	52.59	1,155.13	1,076.06	1,066.06	10.00	107.568	
1,300.00	1,286.85	1,102.91	1,087.29	5.34	4.68	-46.88	64.62	1,171.39	1,081.65	1,071.13	10.51	102.887	
1,400.00	1,385.07	1,205.87	1,182.20	5.67	4.99	-48.08	76.65	1,187.65	1,087.73	1,076.68	11.05	98.421	
1,500.00	1,483.30	1,291.17	1,277.11	6.00	5.25	-49.27	88.68	1,203.91	1,094.32	1,082.75	11.57	94.569	
1,600.00	1,581.52	1,388.22	1,372.02	6.35	5.57	-50.44	100.71	1,220.16	1,101.40	1,089.26	12.14	90.726	
1,700.00	1,679.74	1,485.26	1,466.93	6.70	5.89	-51.61	112.75	1,236.42	1,108.96	1,096.23	12.72	87.149	
1,800.00	1,777.96	1,582.30	1,561.84	7.06	6.23	-52.75	124.78	1,252.68	1,116.99	1,103.66	13.33	83.818	
1,900.00	1,876.19	1,679.34	1,656.75	7.26	6.57	-53.88	136.81	1,268.94	1,125.48	1,111.91	13.57	82.932	
2,000.00	1,974.41	1,776.38	1,751.66	7.31	6.92	-54.99	148.84	1,285.20	1,134.42	1,120.53	13.89	81.689	
2,100.00	2,072.63	1,873.42	1,846.57	7.37	7.15	-56.09	160.87	1,301.46	1,143.80	1,129.85	13.95	81.989	
2,200.00	2,170.85	1,970.46	1,941.48	7.45	7.24	-57.17	172.90	1,317.71	1,153.61	1,139.52	14.08	81.917	
2,300.00	2,269.07	2,067.51	2,036.39	7.54	7.30	-58.23	184.93	1,333.97	1,163.83	1,149.63	14.21	81.907	
2,400.00	2,367.30	2,164.55	2,131.30	7.65	7.38	-59.27	196.97	1,350.23	1,174.47	1,160.10	14.37	81.743	
2,500.00	2,465.52	2,261.59	2,226.21	7.78	7.47	-60.29	209.00	1,366.49	1,185.50	1,170.94	14.56	81.436	
2,600.00	2,563.74	2,358.63	2,321.12	7.92	7.57	-61.30	221.03	1,382.75	1,196.92	1,182.14	14.78	81.000	
2,700.00	2,661.96	2,455.67	2,416.03	8.07	7.69	-62.29	233.06	1,399.00	1,208.71	1,193.69	15.02	80.448	
2,800.00	2,760.18	2,552.71	2,510.94	8.24	7.83	-63.26	245.09	1,415.26	1,220.87	1,205.57	15.30	79.795	
2,900.00	2,858.41	2,649.75	2,605.85	8.42	7.97	-64.21	257.12	1,431.52	1,233.37	1,217.77	15.60	79.057	
3,000.00	2,956.63	2,746.79	2,700.76	8.61	8.13	-65.14	269.15	1,447.78	1,246.22	1,230.30	15.93	78.248	
3,100.00	3,054.85	2,843.84	2,795.67	8.81	8.30	-66.05	281.19	1,464.04	1,259.41	1,243.13	16.27	77.383	
3,200.00	3,153.07	2,940.88	2,890.58	9.02	8.49	-66.95	293.22	1,480.29	1,272.91	1,256.27	16.64	76.474	
3,300.00	3,251.30	3,037.92	2,985.49	9.24	8.68	-67.83	305.25	1,496.55	1,286.73	1,269.69	17.04	75.534	
3,400.00	3,349.52	3,134.96	3,080.40	9.47	8.88	-68.68	317.28	1,512.81	1,300.84	1,283.40	17.44	74.573	
3,500.00	3,447.74	3,232.00	3,175.31	9.71	9.09	-69.53	329.31	1,529.07	1,315.25	1,297.38	17.87	73.599	
3,600.00	3,545.96	3,329.04	3,270.22	9.95	9.31	-70.35	341.34	1,545.33	1,329.94	1,311.63	18.31	72.622	
3,700.00	3,644.18	3,426.08	3,365.13	10.21	9.53	-71.15	353.37	1,561.58	1,344.91	1,326.14	18.77	71.648	
3,800.00	3,742.41	3,523.12	3,460.04	10.46	9.77	-71.94	365.41	1,577.84	1,360.13	1,340.89	19.24	70.682	
3,900.00	3,840.63	3,620.17	3,554.95	10.73	10.01	-72.72	377.44	1,594.10	1,375.62	1,355.89	19.73	69.730	
4,000.00	3,938.85	3,717.21	3,649.86	11.00	10.26	-73.47	389.47	1,610.36	1,391.35	1,371.12	20.22	68.794	
4,100.00	4,037.07	3,814.25	3,744.77	11.27	10.51	-74.21	401.50	1,626.62	1,407.32	1,386.58	20.73	67.878	
4,200.00	4,135.30	3,911.29	3,839.68	11.55	10.77	-74.93	413.53	1,642.87	1,423.52	1,402.26	21.25	66.984	
4,300.00	4,233.52	4,008.33	3,934.59	11.83	11.03	-75.64	425.56	1,659.13	1,439.94	1,418.16	21.78	66.113	
4,400.00	4,331.74	4,105.37	4,029.50	12.12	11.30	-76.33	437.59	1,675.39	1,456.57	1,434.26	22.32	65.268	
4,500.00	4,429.96	4,202.41	4,124.41	12.41	11.57	-77.00	449.63	1,691.65	1,473.42	1,450.56	22.86	64.448	
4,600.00	4,528.18	4,299.45	4,219.32	12.71	11.85	-77.66	461.66	1,707.91	1,490.46	1,467.05	23.42	63.653	
4,700.00	4,626.41	4,403.51	4,314.23	13.01	12.15	-78.31	473.69	1,724.16	1,507.70	1,483.71	23.99	62.836	
4,800.00	4,724.63	4,506.46	4,409.14	13.31	12.45	-78.94	485.72	1,740.42	1,525.13	1,500.55	24.58	62.054	
4,900.00	4,822.85	4,609.42	4,504.05	13.61	12.75	-79.56	497.75	1,756.68	1,542.74	1,517.57	25.17	61.300	
5,000.00	4,921.07	4,687.62	4,598.96	13.92	12.99	-80.17	509.78	1,772.94	1,560.52	1,534.83	25.69	60.733	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,019.30	4,784.66	4,693.87	14.23	13.28	-80.76	521.81	1,789.20	1,578.47	1,552.19	26.28	60.066		
5,200.00	5,117.52	4,881.70	4,788.78	14.54	13.57	-81.33	533.84	1,805.45	1,596.59	1,569.72	26.87	59.423		
5,300.00	5,215.74	4,978.74	4,883.69	14.86	13.87	-81.90	545.88	1,821.71	1,614.86	1,587.40	27.46	58.803		
5,400.00	5,313.96	5,075.78	4,978.60	15.17	14.17	-82.45	557.91	1,837.97	1,633.28	1,605.22	28.06	58.206		
5,500.00	5,412.18	5,172.83	5,073.51	15.49	14.47	-82.99	569.94	1,854.23	1,651.86	1,623.19	28.66	57.631		
5,600.00	5,510.41	5,269.87	5,168.42	15.81	14.78	-83.52	581.97	1,870.49	1,670.57	1,641.30	29.27	57.077		
5,700.00	5,608.63	5,366.91	5,263.33	16.13	15.08	-84.04	594.00	1,886.74	1,689.43	1,659.55	29.88	56.543		
5,800.00	5,706.85	5,463.95	5,358.24	16.46	15.39	-84.55	606.03	1,903.00	1,708.41	1,677.92	30.49	56.029		
5,900.00	5,805.07	5,560.99	5,453.15	16.78	15.70	-85.04	618.06	1,919.26	1,727.53	1,696.42	31.11	55.533		
6,000.00	5,903.29	5,658.03	5,548.06	17.11	16.01	-85.53	630.10	1,935.52	1,746.77	1,715.04	31.73	55.056		
6,100.00	6,001.52	5,755.07	5,642.97	17.44	16.33	-86.00	642.13	1,951.78	1,766.13	1,733.78	32.35	54.595		
6,200.00	6,099.74	5,852.11	5,737.88	17.76	16.64	-86.47	654.16	1,968.04	1,785.60	1,752.63	32.97	54.152		
6,300.00	6,197.96	5,949.35	5,833.91	18.09	16.96	-86.94	666.19	1,984.30	1,804.82	1,771.66	33.59	53.710		
6,400.00	6,296.18	6,046.58	5,930.14	18.43	17.28	-87.41	678.22	1,999.56	1,823.04	1,789.88	34.21	53.268		
6,500.00	6,394.41	6,143.81	6,027.37	18.76	17.60	-87.88	690.25	2,014.82	1,841.26	1,807.10	34.83	52.826		
6,600.00	6,492.63	6,241.04	6,124.60	19.09	17.92	-88.35	702.28	2,030.08	1,859.48	1,825.32	35.45	52.384		
6,700.00	6,590.85	6,338.27	6,221.83	19.43	18.24	-88.82	714.31	2,045.34	1,877.70	1,843.54	36.07	51.942		
6,800.00	6,689.07	6,435.50	6,319.06	19.76	18.56	-89.29	726.34	2,060.60	1,895.92	1,861.76	36.69	51.500		
6,900.00	6,787.26	6,532.73	6,416.29	20.10	18.88	-89.76	738.37	2,075.86	1,914.14	1,880.98	37.31	51.058		
7,000.00	6,883.33	6,630.00	6,513.56	20.48	19.20	-90.23	750.40	2,091.12	1,932.36	1,900.20	37.93	50.616		
7,017.81	6,899.98	6,646.68	6,530.21	20.56	19.28	-108.92	752.43	2,093.15	1,934.39	1,902.23	38.01	50.595		
7,100.00	6,974.38	6,714.08	6,608.66	20.94	19.56	-103.06	764.46	2,108.41	1,952.61	1,920.45	38.63	50.153		
7,200.00	7,058.15	6,797.85	6,692.43	21.48	20.00	-97.79	776.49	2,123.67	1,970.83	1,938.67	39.25	49.711		
7,300.00	7,132.58	6,881.62	6,776.20	22.09	20.61	-93.44	788.52	2,138.93	1,989.05	1,956.89	39.87	49.269		
7,400.00	7,195.84	6,965.40	6,859.98	22.78	21.07	-89.75	799.55	2,154.19	2,007.27	1,975.11	40.49	48.827		
7,500.00	7,246.38	7,059.18	6,950.52	23.55	20.48	-86.76	810.58	2,169.45	2,023.50	1,991.34	41.11	48.385		
7,600.00	7,282.95	7,142.85	7,037.19	24.40	19.97	-84.59	821.61	2,184.71	2,041.72	2,009.56	41.73	47.943		
7,700.00	7,304.64	7,164.54	7,058.88	25.31	19.58	-83.28	832.64	2,199.97	2,059.94	2,027.78	42.35	47.501		
7,800.00	7,310.97	7,170.87	7,065.21	26.27	19.35	-82.49	839.67	2,215.23	2,076.20	2,044.04	42.97	47.059		
7,900.00	7,310.51	7,171.41	7,065.75	27.29	19.25	-81.59	846.70	2,230.49	2,092.46	2,060.26	43.59	46.617		
7,935.48	7,310.34	7,171.24	7,065.58	27.67	19.24	-81.20	849.73	2,235.75	2,097.72	2,065.49	43.91	46.485		
8,000.00	7,310.05	7,171.95	7,066.29	28.38	19.23	-80.41	856.76	2,251.01	2,113.98	2,081.74	44.53	46.043		
8,100.00	7,309.59	7,172.60	7,066.94	29.52	19.25	-79.10	863.79	2,266.27	2,130.24	2,098.00	45.15	45.601		
8,200.00	7,309.13	7,173.25	7,067.59	30.72	19.27	-77.77	870.82	2,281.53	2,146.50	2,114.26	45.77	45.159		
8,300.00	7,308.67	7,173.90	7,068.24	31.97	19.30	-76.45	877.85	2,296.79	2,162.76	2,130.52	46.39	44.717		
8,400.00	7,308.21	7,174.55	7,068.89	33.25	19.32	-75.35	884.88	2,312.05	2,178.98	2,146.74	47.01	44.275		
8,500.00	7,307.75	7,175.20	7,069.54	34.57	19.33	-74.30	891.91	2,327.31	2,195.20	2,162.96	47.63	43.833		
8,600.00	7,307.29	7,175.85	7,070.19	35.92	19.34	-73.36	898.94	2,342.57	2,211.42	2,179.18	48.25	43.391		
8,700.00	7,306.83	7,176.50	7,070.84	37.30	19.34	-72.45	905.97	2,357.83	2,227.64	2,195.40	48.87	42.949		
8,800.00	7,306.37	7,177.15	7,071.49	38.70	19.34	-71.80	913.00	2,373.09	2,243.86	2,211.62	49.49	42.507		
8,900.00	7,305.91	7,177.80	7,072.14	40.12	19.34	-71.00	920.03	2,388.35	2,259.08	2,227.84	50.11	42.065		
9,000.00	7,305.45	7,178.45	7,072.79	41.56	19.33	-70.56	927.06	2,403.61	2,275.30	2,244.06	50.73	41.623		
9,100.00	7,304.99	7,179.10	7,073.44	43.02	19.33	-70.04	934.09	2,418.87	2,291.52	2,260.28	51.35	41.181		
9,200.00	7,304.53	7,179.75	7,074.09	44.50	19.32	-69.50	941.12	2,434.13	2,307.74	2,276.50	51.97	40.739		
9,300.00	7,304.07	7,180.40	7,074.74	45.99	19.32	-69.50	948.15	2,449.39	2,323.96	2,292.72	52.59	40.297		
9,400.00	7,303.61	7,181.05	7,075.39	47.49	19.31	-68.78	955.18	2,464.65	2,340.18	2,308.94	53.21	39.855		
9,500.00	7,303.15	7,181.70	7,076.04	49.00	19.30	-67.97	962.21	2,479.91	2,356.40	2,325.16	53.83	39.413		
9,600.00	7,302.69	7,182.35	7,076.69	50.52	19.30	-67.97	969.24	2,495.17	2,372.62	2,341.38	54.45	38.971		
9,700.00	7,302.23	7,183.00	7,077.34	52.06	19.30	-67.97	976.27	2,510.43	2,388.84	2,357.60	55.07	38.529		
9,800.00	7,301.77	7,183.65	7,077.99	53.60	19.30	-67.97	983.30	2,525.69	2,405.06	2,373.82	55.69	38.087		
9,900.00	7,301.31	7,184.30	7,078.64	55.14	19.28	-67.33	990.33	2,540.95	2,421.28	2,389.04	56.31	37.645		
10,000.00	7,300.85	7,184.95	7,079.29	56.70	19.27	-67.11	997.36	2,556.21	2,437.50	2,405.26	56.93	37.203		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,100.00	7,300.39	6,750.00	6,617.83	58.26	19.25	-66.42	766.02	2,069.62	2,492.62	2,438.23	54.39	45.828	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.19	-3.61	1,099.72	1,099.72				
100.00	100.00	101.00	101.00	3.28	3.28	90.19	-3.61	1,099.72	1,099.72	1,092.19	7.53	146.066	
200.00	200.00	201.00	201.00	3.31	3.31	90.19	-3.61	1,099.72	1,099.72	1,092.15	7.57	145.193	
300.00	299.98	289.75	289.75	3.35	3.34	-38.93	-3.43	1,099.92	1,098.63	1,090.97	7.65	143.553	
400.00	399.84	367.59	367.56	3.41	3.39	-39.17	-1.99	1,101.50	1,096.59	1,088.83	7.76	141.365	
500.00	499.45	445.12	444.97	3.49	3.46	-39.57	0.87	1,104.62	1,093.89	1,086.00	7.90	138.543	
600.00	598.70	522.18	521.77	3.61	3.53	-40.15	5.11	1,109.25	1,090.62	1,082.55	8.07	135.129	
700.00	697.47	600.00	599.13	3.77	3.62	-40.91	10.80	1,115.47	1,086.90	1,078.61	8.29	131.130	
800.00	795.74	674.28	672.73	3.96	3.73	-41.74	17.55	1,122.86	1,083.31	1,074.77	8.55	126.775	
900.00	893.96	749.46	746.93	4.19	3.85	-42.64	25.70	1,131.76	1,081.94	1,073.10	8.84	122.359	
905.11	898.98	753.29	750.70	4.21	3.85	-42.69	26.15	1,132.25	1,081.94	1,073.08	8.86	122.134 CC, ES	
1,000.00	992.19	824.06	820.22	4.45	3.99	-43.60	35.08	1,142.01	1,083.08	1,073.91	9.17	118.051	
1,100.00	1,090.41	898.13	892.62	4.73	4.15	-44.61	45.66	1,153.58	1,086.81	1,077.27	9.54	113.926	
1,200.00	1,188.63	1,005.52	986.51	5.03	4.42	-45.94	60.24	1,169.51	1,092.16	1,082.13	10.03	108.856	
1,300.00	1,286.85	1,109.18	1,080.41	5.34	4.72	-47.26	74.81	1,185.44	1,098.14	1,087.58	10.56	104.035	
1,400.00	1,385.07	1,187.17	1,174.30	5.67	4.96	-48.57	89.38	1,201.38	1,104.73	1,093.69	11.04	100.031	
1,500.00	1,483.30	1,283.52	1,268.20	6.00	5.26	-49.86	103.96	1,217.31	1,111.93	1,100.33	11.60	95.853	
1,600.00	1,581.52	1,379.86	1,362.09	6.35	5.59	-51.13	118.53	1,233.24	1,119.73	1,107.55	12.18	91.948	
1,700.00	1,679.74	1,476.21	1,455.99	6.70	5.92	-52.39	133.10	1,249.17	1,128.10	1,115.33	12.77	88.336	
1,800.00	1,777.96	1,572.55	1,549.88	7.06	6.27	-53.63	147.68	1,265.10	1,137.05	1,123.67	13.38	84.976	
1,900.00	1,876.19	1,668.90	1,643.78	7.26	6.62	-54.86	162.25	1,281.03	1,146.55	1,132.92	13.63	84.101	
2,000.00	1,974.41	1,765.24	1,737.67	7.31	6.99	-56.06	176.82	1,296.96	1,156.60	1,142.64	13.96	82.874	
2,100.00	2,072.63	1,861.59	1,831.57	7.37	7.25	-57.24	191.40	1,312.89	1,167.17	1,153.13	14.04	83.135	
2,200.00	2,170.85	1,957.94	1,925.47	7.45	7.36	-58.40	205.97	1,328.82	1,178.26	1,164.07	14.19	83.053	
2,300.00	2,269.07	2,054.28	2,019.36	7.54	7.42	-59.54	220.55	1,344.75	1,189.85	1,175.54	14.31	83.147	
2,400.00	2,367.30	2,150.63	2,113.26	7.65	7.50	-60.66	235.12	1,360.68	1,201.92	1,187.46	14.47	83.088	
2,500.00	2,465.52	2,246.97	2,207.15	7.78	7.59	-61.76	249.69	1,376.61	1,214.47	1,199.81	14.65	82.886	
2,600.00	2,563.74	2,343.32	2,301.05	7.92	7.70	-62.84	264.27	1,392.54	1,227.47	1,212.60	14.87	82.554	
2,700.00	2,661.96	2,439.66	2,394.94	8.07	7.83	-63.90	278.84	1,408.47	1,240.91	1,225.80	15.11	82.104	
2,800.00	2,760.18	2,536.01	2,488.84	8.24	7.96	-64.93	293.41	1,424.41	1,254.78	1,239.39	15.39	81.551	
2,900.00	2,858.41	2,632.35	2,582.73	8.42	8.12	-65.94	307.99	1,440.34	1,269.06	1,253.38	15.68	80.910	
3,000.00	2,956.63	2,728.70	2,676.63	8.61	8.28	-66.93	322.56	1,456.27	1,283.75	1,267.74	16.01	80.194	
3,100.00	3,054.85	2,825.05	2,770.52	8.81	8.45	-67.90	337.13	1,472.20	1,298.82	1,282.47	16.35	79.419	
3,200.00	3,153.07	2,921.39	2,864.42	9.02	8.64	-68.85	351.71	1,488.13	1,314.26	1,297.54	16.72	78.596	
3,300.00	3,251.30	3,017.74	2,958.31	9.24	8.84	-69.77	366.28	1,504.06	1,330.07	1,312.96	17.11	77.738	
3,400.00	3,349.52	3,114.08	3,052.21	9.47	9.05	-70.68	380.85	1,519.99	1,346.22	1,328.70	17.52	76.854	
3,500.00	3,447.74	3,210.43	3,146.10	9.71	9.26	-71.56	395.43	1,535.92	1,362.71	1,344.77	17.94	75.955	
3,600.00	3,545.96	3,306.77	3,240.00	9.95	9.49	-72.43	410.00	1,551.85	1,379.52	1,361.14	18.38	75.048	
3,700.00	3,644.18	3,403.12	3,333.89	10.21	9.72	-73.27	424.58	1,567.78	1,396.64	1,377.80	18.84	74.141	
3,800.00	3,742.41	3,500.53	3,427.79	10.46	9.96	-74.10	439.15	1,583.71	1,414.06	1,394.75	19.31	73.228	
3,900.00	3,840.63	3,604.19	3,521.68	10.73	10.23	-74.90	453.72	1,599.64	1,431.77	1,411.96	19.81	72.273	
4,000.00	3,938.85	3,707.84	3,615.58	11.00	10.50	-75.69	468.30	1,615.57	1,449.76	1,429.44	20.32	71.333	
4,100.00	4,037.07	3,788.50	3,709.47	11.27	10.72	-76.45	482.87	1,631.50	1,468.02	1,447.22	20.79	70.599	
4,200.00	4,135.30	3,884.85	3,803.37	11.55	10.99	-77.20	497.44	1,647.44	1,486.53	1,465.22	21.31	69.755	
4,300.00	4,233.52	3,981.19	3,897.26	11.83	11.26	-77.93	512.02	1,663.37	1,505.30	1,483.46	21.84	68.931	
4,400.00	4,331.74	4,077.54	3,991.16	12.12	11.53	-78.65	526.59	1,679.30	1,524.30	1,501.93	22.37	68.130	
4,500.00	4,429.96	4,173.88	4,085.05	12.41	11.81	-79.34	541.16	1,695.23	1,543.54	1,520.62	22.92	67.352	
4,600.00	4,528.18	4,270.23	4,178.95	12.71	12.09	-80.02	555.74	1,711.16	1,563.00	1,539.53	23.47	66.598	
4,700.00	4,626.41	4,366.58	4,272.84	13.01	12.38	-80.69	570.31	1,727.09	1,582.67	1,558.64	24.03	65.867	
4,800.00	4,724.63	4,462.92	4,366.74	13.31	12.67	-81.34	584.88	1,743.02	1,602.55	1,577.95	24.59	65.160	
4,900.00	4,822.85	4,559.27	4,460.64	13.61	12.96	-81.97	599.46	1,758.95	1,622.63	1,597.46	25.17	64.478	
5,000.00	4,921.07	4,655.61	4,554.53	13.92	13.26	-82.59	614.03	1,774.88	1,642.89	1,617.15	25.74	63.818	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-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	5,019.30	4,751.96	4,648.43	14.23	13.56	-83.19	628.60	1,790.81	1,663.35	1,637.02	26.33	63.182		
5,200.00	5,117.52	4,848.30	4,742.32	14.54	13.86	-83.78	643.18	1,806.74	1,683.98	1,657.06	26.91	62.568		
5,300.00	5,215.74	4,944.65	4,836.22	14.86	14.17	-84.35	657.75	1,822.67	1,704.78	1,677.27	27.51	61.975		
5,400.00	5,313.96	5,041.00	4,930.11	15.17	14.48	-84.91	672.33	1,838.60	1,725.75	1,697.64	28.10	61.404		
5,500.00	5,412.18	5,137.34	5,024.01	15.49	14.79	-85.46	686.90	1,854.53	1,746.87	1,718.17	28.71	60.854		
5,600.00	5,510.41	5,233.69	5,117.90	15.81	15.10	-86.00	701.47	1,870.47	1,768.15	1,738.84	29.31	60.323		
5,700.00	5,608.63	5,330.03	5,211.80	16.13	15.41	-86.52	716.05	1,886.40	1,789.58	1,759.66	29.92	59.812		
5,800.00	5,706.85	5,426.38	5,305.69	16.46	15.73	-87.03	730.62	1,902.33	1,811.15	1,780.62	30.53	59.319		
5,900.00	5,805.07	5,522.72	5,399.59	16.78	16.05	-87.53	745.19	1,918.26	1,832.86	1,801.71	31.15	58.843		
6,000.00	5,903.29	5,619.07	5,493.48	17.11	16.36	-88.02	759.77	1,934.19	1,854.70	1,822.93	31.77	58.385		
6,100.00	6,001.52	5,715.42	5,587.38	17.44	16.68	-88.49	774.34	1,950.12	1,876.67	1,844.28	32.39	57.943		
6,200.00	6,099.74	5,811.76	5,681.27	17.76	17.01	-88.96	788.91	1,966.05	1,898.76	1,865.75	33.01	57.517		
6,300.00	6,197.96	5,908.11	5,775.17	18.09	17.33	-89.41	803.49	1,981.98	1,920.97	1,887.33	33.64	57.106		
6,400.00	6,296.18	6,004.33	5,869.56	18.43	17.67	-89.85	818.06	1,997.89	1,940.93	1,901.97	34.27	56.704		
6,500.00	6,394.41	6,102.56	5,969.79	18.76	18.00	-90.28	832.63	2,013.79	1,960.86	1,922.90	34.90	56.321		
6,600.00	6,492.63	6,200.79	6,069.99	19.09	18.33	-90.70	847.20	2,029.68	1,980.77	1,942.79	35.53	55.947		
6,700.00	6,590.85	6,299.01	6,170.19	19.43	18.66	-91.11	861.71	2,045.56	2,000.66	1,962.60	36.16	55.582		
6,800.00	6,689.07	6,397.23	6,270.39	19.76	18.99	-91.51	876.22	2,061.43	2,020.53	1,982.41	36.79	55.227		
6,900.00	6,787.26	6,495.45	6,370.59	20.10	19.32	-91.90	890.73	2,077.29	2,040.39	1,999.28	37.42	54.882		
7,000.00	6,885.43	6,593.67	6,470.79	20.44	19.65	-92.28	905.24	2,093.14	2,060.24	2,019.16	38.05	54.537		
7,074.30	6,951.59	6,669.82	6,546.94	20.82	19.99	-92.64	919.75	2,109.00	2,080.09	2,039.05	38.68	54.192		
7,100.00	6,974.38	6,692.59	6,574.71	20.94	20.10	-92.76	925.26	2,115.51	2,086.60	2,045.56	38.83	54.125		
7,200.00	7,058.15	6,776.36	6,658.48	21.48	20.64	-93.18	944.37	2,134.62	2,105.71	2,064.67	39.46	53.780		
7,300.00	7,132.58	6,850.79	6,732.91	22.09	21.25	-93.57	963.48	2,153.73	2,124.82	2,083.78	40.09	53.435		
7,400.00	7,195.84	6,914.05	6,796.17	22.78	21.93	-93.93	982.59	2,172.84	2,143.93	2,102.89	40.72	53.090		
7,500.00	7,246.38	6,964.59	6,846.71	23.55	22.70	-94.26	1,001.70	2,191.95	2,163.04	2,121.99	41.35	52.745		
7,600.00	7,282.95	7,000.16	6,882.28	24.40	23.55	-94.56	1,020.81	2,211.06	2,182.15	2,142.19	41.98	52.400		
7,700.00	7,304.64	7,021.85	6,903.97	25.31	24.46	-94.82	1,040.92	2,230.17	2,201.26	2,161.30	42.61	52.055		
7,800.00	7,310.97	7,027.18	6,909.30	26.27	25.42	-95.04	1,061.03	2,249.28	2,220.37	2,180.41	43.24	51.710		
7,900.00	7,310.51	7,026.85	6,908.97	27.29	26.44	-95.22	1,081.14	2,268.39	2,239.48	2,199.52	43.87	51.365		
8,000.00	7,310.05	7,026.52	6,908.64	28.38	27.53	-95.37	1,101.25	2,287.50	2,258.59	2,218.63	44.50	51.020		
8,100.00	7,309.59	7,026.19	6,908.31	29.52	28.67	-95.49	1,121.36	2,306.61	2,277.70	2,237.74	45.13	50.675		
8,158.48	7,309.32	7,025.92	6,908.04	30.22	29.37	-95.58	1,136.47	2,321.72	2,292.81	2,252.85	45.76	50.330		
8,200.00	7,309.13	7,025.73	6,907.85	30.72	29.87	-95.63	1,146.58	2,336.83	2,307.92	2,267.96	46.39	50.000		
8,300.00	7,308.67	7,025.27	6,907.39	31.97	31.12	-95.72	1,166.69	2,355.94	2,327.03	2,287.07	47.02	49.655		
8,400.00	7,308.21	7,024.81	6,906.93	33.25	32.40	-95.78	1,186.80	2,375.05	2,346.14	2,306.18	47.65	49.310		
8,500.00	7,307.75	7,024.35	6,906.47	34.57	33.72	-95.81	1,206.91	2,394.16	2,365.25	2,325.29	48.28	48.965		
8,600.00	7,307.29	7,023.89	6,906.01	35.92	35.07	-95.81	1,227.02	2,413.27	2,384.36	2,344.40	48.91	48.620		
8,700.00	7,306.83	6,978.52	6,814.40	37.30	36.45	-95.78	1,247.13	2,432.38	2,403.47	2,363.51	49.54	48.275		
8,800.00	7,306.37	6,950.00	6,788.60	38.70	37.85	-95.72	1,267.24	2,451.49	2,422.58	2,382.62	50.17	47.930		
8,900.00	7,305.91	6,937.73	6,777.34	40.12	39.27	-95.63	1,287.35	2,470.60	2,441.69	2,401.73	50.80	47.585		
9,000.00	7,305.45	6,921.35	6,762.19	41.56	40.71	-95.51	1,307.46	2,489.71	2,460.80	2,420.84	51.43	47.240		
9,100.00	7,304.99	6,900.00	6,742.23	43.02	42.17	-95.36	1,327.57	2,508.82	2,480.91	2,440.95	52.06	46.895		
9,200.00	7,304.53	6,900.00	6,742.23	44.50	43.65	-95.18	1,347.68	2,527.93	2,500.02	2,460.06	52.69	46.550		
9,300.00	7,304.07	6,883.13	6,726.30	45.99	45.14	-94.97	1,367.79	2,547.04	2,519.13	2,479.17	53.32	46.205		
9,400.00	7,303.61	6,873.11	6,716.78	47.49	46.64	-94.73	1,387.90	2,566.15	2,538.24	2,498.28	53.95	45.860		
9,500.00	7,303.15	6,850.00	6,694.67	49.00	48.15	-94.46	1,408.01	2,585.26	2,557.35	2,517.39	54.58	45.515		
9,600.00	7,302.69	6,850.00	6,694.67	50.52	49.67	-94.16	1,428.12	2,604.37	2,576.46	2,536.50	55.21	45.170		
9,700.00	7,302.23	6,850.00	6,694.67	52.06	51.21	-93.83	1,448.23	2,623.48	2,595.57	2,555.61	55.84	44.825		
9,800.00	7,301.77	6,850.00	6,694.67	53.60	52.75	-93.47	1,468.34	2,642.59	2,614.68	2,574.72	56.47	44.480		
9,900.00	7,301.31	6,850.00	6,694.67	55.14	54.29	-93.08	1,488.45	2,661.70	2,633.79	2,593.83	57.10	44.135		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.15	-2.53	979.72	979.73				
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	979.72	979.73	972.20	7.53	130.130	
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	979.72	979.73	972.15	7.57	129.356	
300.00	299.98	300.02	299.98	3.35	3.35	-38.98	-2.53	979.72	978.37	970.71	7.66	127.731	
400.00	399.84	400.16	399.84	3.41	3.42	-39.23	-2.53	979.72	974.31	966.52	7.79	125.115	
500.00	499.45	500.55	499.45	3.49	3.50	-39.64	-2.53	979.72	967.56	959.60	7.96	121.530	
600.00	598.70	601.30	598.70	3.61	3.61	-40.23	-2.53	979.72	958.19	950.01	8.18	117.092	
700.00	697.47	702.53	697.47	3.77	3.74	-40.99	-2.53	979.72	946.25	937.80	8.45	111.929	
800.00	795.74	795.74	795.74	3.96	3.87	-41.81	-2.53	979.72	932.28	923.52	8.76	106.414	
900.00	893.96	871.21	871.20	4.19	3.97	-42.39	-2.56	980.61	919.43	910.37	9.06	101.474	
1,000.00	992.19	946.12	946.06	4.45	4.08	-42.98	-2.66	983.45	909.29	899.91	9.38	96.889	
1,100.00	1,090.41	1,021.44	1,021.22	4.73	4.20	-43.56	-2.83	988.27	901.90	892.17	9.73	92.666	
1,200.00	1,188.63	1,100.00	1,099.45	5.03	4.33	-44.16	-3.08	995.41	897.27	887.16	10.11	88.736	
1,300.00	1,286.85	1,172.85	1,171.80	5.34	4.47	-44.70	-3.38	1,003.94	895.39	884.89	10.50	85.286	
1,318.22	1,304.75	1,186.67	1,185.49	5.40	4.50	-44.81	-3.44	1,005.76	895.34	884.77	10.57	84.690	
1,400.00	1,385.07	1,248.73	1,246.90	5.67	4.62	-45.25	-3.75	1,014.77	896.26	885.35	10.91	82.147	
1,500.00	1,483.30	1,325.09	1,322.16	6.00	4.79	-45.78	-4.20	1,027.68	899.87	888.53	11.34	79.364	
1,600.00	1,581.52	1,424.40	1,419.81	6.35	5.03	-46.46	-4.83	1,045.70	904.86	892.99	11.86	76.273	
1,700.00	1,679.74	1,523.71	1,517.47	6.70	5.29	-47.12	-5.46	1,063.72	909.96	897.55	12.41	73.330	
1,800.00	1,777.96	1,623.02	1,615.13	7.06	5.57	-47.78	-6.09	1,081.74	915.19	902.21	12.97	70.538	
1,900.00	1,876.19	1,722.33	1,712.79	7.26	5.86	-48.42	-6.72	1,099.76	920.54	907.35	13.19	69.788	
2,000.00	1,974.41	1,821.64	1,810.45	7.31	6.13	-49.07	-7.35	1,117.77	926.00	912.72	13.29	69.700	
2,100.00	2,072.63	1,920.95	1,908.11	7.37	6.27	-49.70	-7.97	1,135.79	931.58	918.13	13.45	69.243	
2,200.00	2,170.85	2,020.26	2,005.77	7.45	6.31	-50.33	-8.60	1,153.81	937.28	923.72	13.56	69.130	
2,300.00	2,269.07	2,119.57	2,103.43	7.54	6.37	-50.94	-9.23	1,171.83	943.08	929.38	13.70	68.854	
2,400.00	2,367.30	2,218.88	2,201.09	7.65	6.44	-51.56	-9.86	1,189.85	949.00	935.13	13.87	68.426	
2,500.00	2,465.52	2,318.19	2,298.75	7.78	6.54	-52.16	-10.49	1,207.87	955.02	940.94	14.07	67.859	
2,600.00	2,563.74	2,417.50	2,396.41	7.92	6.65	-52.76	-11.12	1,225.89	961.15	946.84	14.31	67.169	
2,700.00	2,661.96	2,516.81	2,494.07	8.07	6.77	-53.34	-11.75	1,243.90	967.38	952.80	14.57	66.373	
2,800.00	2,760.18	2,616.12	2,591.73	8.24	6.92	-53.93	-12.37	1,261.92	973.71	958.84	14.87	65.488	
2,900.00	2,858.41	2,715.43	2,689.39	8.42	7.07	-54.50	-13.00	1,279.94	980.14	964.95	15.19	64.529	
3,000.00	2,956.63	2,814.74	2,787.05	8.61	7.24	-55.07	-13.63	1,297.96	986.67	971.14	15.53	63.514	
3,100.00	3,054.85	2,914.05	2,884.71	8.81	7.42	-55.62	-14.26	1,315.98	993.30	977.39	15.90	62.456	
3,200.00	3,153.07	3,013.36	2,982.37	9.02	7.61	-56.18	-14.89	1,334.00	1,000.01	983.72	16.30	61.369	
3,300.00	3,251.30	3,112.67	3,080.03	9.24	7.82	-56.72	-15.52	1,352.02	1,006.83	990.12	16.71	60.264	
3,400.00	3,349.52	3,211.98	3,177.69	9.47	8.03	-57.26	-16.15	1,370.04	1,013.73	996.59	17.14	59.152	
3,500.00	3,447.74	3,311.29	3,275.35	9.71	8.25	-57.79	-16.77	1,388.05	1,020.71	1,003.13	17.59	58.041	
3,600.00	3,545.96	3,410.60	3,373.01	9.95	8.48	-58.31	-17.40	1,406.07	1,027.79	1,009.74	18.05	56.938	
3,700.00	3,644.18	3,509.91	3,470.66	10.21	8.72	-58.82	-18.03	1,424.09	1,034.95	1,016.42	18.53	55.849	
3,800.00	3,742.41	3,609.22	3,568.32	10.46	8.96	-59.33	-18.66	1,442.11	1,042.19	1,023.17	19.03	54.780	
3,900.00	3,840.63	3,708.53	3,665.98	10.73	9.22	-59.83	-19.29	1,460.13	1,049.51	1,029.98	19.53	53.731	
4,000.00	3,938.85	3,807.84	3,763.64	11.00	9.47	-60.33	-19.92	1,478.15	1,056.92	1,036.86	20.05	52.708	
4,100.00	4,037.07	3,907.15	3,861.30	11.27	9.74	-60.81	-20.54	1,496.17	1,064.40	1,043.81	20.58	51.712	
4,200.00	4,135.30	4,006.46	3,958.96	11.55	10.00	-61.29	-21.17	1,514.18	1,071.95	1,050.83	21.12	50.746	
4,300.00	4,233.52	4,105.77	4,056.62	11.83	10.28	-61.77	-21.80	1,532.20	1,079.58	1,057.91	21.67	49.809	
4,400.00	4,331.74	4,205.08	4,154.28	12.12	10.55	-62.23	-22.43	1,550.22	1,087.29	1,065.05	22.23	48.902	
4,500.00	4,429.96	4,304.39	4,251.94	12.41	10.83	-62.70	-23.06	1,568.24	1,095.06	1,072.26	22.80	48.025	
4,600.00	4,528.18	4,403.70	4,349.60	12.71	11.12	-63.15	-23.69	1,586.26	1,102.91	1,079.53	23.38	47.178	
4,700.00	4,626.41	4,503.01	4,447.26	13.01	11.41	-63.60	-24.32	1,604.28	1,110.82	1,086.86	23.96	46.361	
4,800.00	4,724.63	4,602.32	4,544.92	13.31	11.70	-64.04	-24.94	1,622.30	1,118.80	1,094.25	24.55	45.573	
4,900.00	4,822.85	4,701.63	4,642.58	13.61	11.99	-64.47	-25.57	1,640.31	1,126.85	1,101.70	25.15	44.814	
5,000.00	4,921.07	4,800.94	4,740.24	13.92	12.29	-64.90	-26.20	1,658.33	1,134.96	1,109.21	25.75	44.082	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,019.30	4,900.25	4,837.90	14.23	12.59	-65.33	-26.83	1,676.35	1,143.13	1,116.78	26.35	43.378		
5,200.00	5,117.52	5,000.44	4,935.56	14.54	12.89	-65.74	-27.46	1,694.37	1,151.37	1,124.40	26.97	42.695		
5,300.00	5,215.74	5,098.87	5,033.22	14.86	13.20	-66.15	-28.09	1,712.39	1,159.66	1,132.08	27.58	42.045		
5,400.00	5,313.96	5,198.18	5,130.88	15.17	13.50	-66.56	-28.72	1,730.41	1,168.02	1,139.81	28.20	41.416		
5,500.00	5,412.18	5,297.49	5,228.54	15.49	13.81	-66.96	-29.34	1,748.43	1,176.43	1,147.60	28.83	40.810		
5,600.00	5,510.41	5,396.80	5,326.20	15.81	14.12	-67.35	-29.97	1,766.45	1,184.89	1,155.44	29.46	40.226		
5,700.00	5,608.63	5,503.90	5,423.86	16.13	14.46	-67.74	-30.60	1,784.46	1,193.42	1,163.31	30.11	39.633		
5,800.00	5,706.85	5,604.59	5,521.52	16.46	14.77	-68.12	-31.23	1,802.48	1,201.99	1,171.24	30.75	39.087		
5,900.00	5,805.07	5,705.28	5,619.17	16.78	15.09	-68.50	-31.86	1,820.50	1,210.62	1,179.23	31.39	38.561		
6,000.00	5,903.29	5,805.97	5,716.83	17.11	15.41	-68.87	-32.49	1,838.52	1,219.31	1,187.26	32.04	38.054		
6,100.00	6,001.52	5,906.66	5,814.49	17.44	15.73	-69.24	-33.11	1,856.54	1,228.04	1,195.35	32.69	37.566		
6,200.00	6,099.74	6,007.35	5,912.15	17.76	16.06	-69.60	-33.74	1,874.56	1,236.82	1,203.48	33.34	37.094		
6,300.00	6,197.96	6,108.04	6,009.81	18.09	16.38	-69.96	-34.37	1,892.58	1,245.65	1,211.65	34.00	36.640		
6,400.00	6,296.18	8,300.03	7,295.30	18.43	22.93	-141.20	-34.52	836.21	1,201.54	1,167.42	34.12	35.220		
6,500.00	6,394.41	8,282.11	7,295.88	18.76	22.76	-139.96	-34.64	854.05	1,128.59	1,093.75	34.84	32.395		
6,600.00	6,492.63	8,264.26	7,296.46	19.09	22.60	-138.71	-34.75	871.90	1,059.75	1,024.11	35.64	29.731		
6,700.00	6,590.85	8,246.40	7,297.05	19.43	22.43	-137.45	-34.87	889.74	995.90	959.36	36.53	27.259		
6,800.00	6,689.07	8,228.55	7,297.63	19.76	22.27	-136.18	-34.98	907.59	938.04	900.54	37.50	25.016		
6,900.00	6,787.26	8,210.48	7,298.22	20.10	22.10	-131.15	-35.10	925.65	887.36	848.85	38.50	23.046		
7,000.00	6,883.33	8,182.45	7,299.13	20.48	21.86	-118.57	-35.28	953.66	846.01	806.56	39.46	21.442		
7,100.00	6,974.38	8,139.77	7,300.53	20.94	21.51	-112.67	-35.56	996.31	815.41	775.13	40.28	20.244		
7,200.00	7,058.15	8,083.49	7,302.37	21.48	21.06	-108.05	-35.92	1,052.57	795.31	754.38	40.94	19.428		
7,300.00	7,132.58	8,014.99	7,304.60	22.09	20.57	-103.60	-36.36	1,121.03	784.29	742.83	41.45	18.920		
7,400.00	7,195.84	7,935.96	7,307.19	22.78	20.07	-99.30	-36.87	1,200.02	780.02	738.12	41.90	18.617		
7,452.08	7,223.84	7,908.74	7,308.65	23.18	19.90	-97.23	-37.16	1,244.68	779.59	737.37	42.22	18.463	CC, ES	
7,500.00	7,246.38	7,848.34	7,310.05	23.55	19.60	-95.49	-37.43	1,287.59	779.86	737.51	42.35	18.416		
7,600.00	7,282.95	7,752.87	7,312.16	24.40	19.20	-92.49	-38.04	1,383.02	781.27	738.39	42.88	18.221		
7,700.00	7,304.64	7,656.48	7,302.63	25.31	18.89	-89.92	-38.60	1,478.84	782.42	738.89	43.53	17.975		
7,800.00	7,310.97	7,564.39	7,280.11	26.27	18.69	-87.74	-39.04	1,568.05	782.98	738.76	44.22	17.705		
7,900.00	7,310.51	7,478.98	7,247.93	27.29	18.57	-85.41	-39.36	1,647.09	784.56	739.65	44.91	17.469		
8,000.00	7,310.05	7,403.31	7,210.80	28.38	18.51	-82.74	-39.58	1,712.98	789.61	744.12	45.49	17.357	SF	
8,100.00	7,309.59	7,337.57	7,172.40	29.52	18.49	-80.00	-39.71	1,766.30	799.69	753.79	45.90	17.423		
8,200.00	7,309.13	7,281.06	7,135.14	30.72	18.49	-77.38	-39.78	1,808.76	816.05	769.96	46.10	17.704		
8,300.00	7,308.67	7,232.70	7,100.37	31.97	18.51	-74.98	-39.81	1,842.36	839.51	793.42	46.09	18.216		
8,400.00	7,308.21	7,191.29	7,068.64	33.25	18.52	-72.84	-39.81	1,868.96	870.39	824.49	45.90	18.963		
8,500.00	7,307.75	7,150.00	7,035.35	34.57	18.53	-70.64	-39.79	1,893.37	908.66	863.09	45.58	19.937		
8,600.00	7,307.29	7,125.00	7,014.45	35.92	18.54	-69.29	-39.76	1,907.09	953.85	908.67	45.18	21.113		
8,700.00	7,306.83	7,100.00	6,993.03	37.30	18.55	-67.93	-39.73	1,919.97	1,005.47	960.73	44.74	22.476		
8,800.00	7,306.37	7,075.05	6,971.16	38.70	18.55	-66.57	-39.69	1,931.98	1,062.82	1,018.55	44.28	24.005		
8,900.00	7,305.91	7,050.00	6,948.75	40.12	18.56	-65.20	-39.64	1,943.16	1,125.27	1,081.45	43.82	25.679		
9,000.00	7,305.45	7,036.50	6,936.50	41.56	18.56	-64.46	-39.62	1,948.82	1,192.09	1,148.67	43.42	27.456		
9,100.00	7,304.99	7,020.43	6,921.75	43.02	18.56	-63.59	-39.58	1,955.22	1,262.76	1,219.72	43.04	29.341		
9,200.00	7,304.53	7,000.00	6,902.79	44.50	18.56	-62.48	-39.53	1,962.81	1,336.77	1,294.09	42.68	31.322		
9,300.00	7,304.07	7,000.00	6,902.79	45.99	18.56	-62.48	-39.53	1,962.81	1,413.60	1,371.18	42.42	33.325		
9,400.00	7,303.61	6,981.51	6,885.42	47.49	18.55	-61.49	-39.47	1,969.16	1,492.83	1,450.70	42.13	35.435		
9,500.00	7,303.15	6,970.95	6,875.42	49.00	18.55	-60.93	-39.44	1,972.55	1,574.24	1,532.34	41.90	37.573		
9,600.00	7,302.69	6,950.00	6,855.42	50.52	18.55	-59.82	-39.38	1,978.80	1,657.61	1,615.95	41.66	39.786		
9,700.00	7,302.23	6,950.00	6,855.42	52.06	18.55	-59.82	-39.38	1,978.80	1,742.34	1,700.82	41.52	41.962		
9,800.00	7,301.77	6,950.00	6,855.42	53.60	18.55	-59.82	-39.38	1,978.80	1,828.61	1,787.21	41.40	44.167		
9,900.00	7,301.31	6,950.00	6,855.42	55.14	18.55	-59.82	-39.38	1,978.80	1,916.22	1,874.92	41.30	46.396		
10,000.00	7,300.85	6,930.30	6,836.44	56.70	18.54	-58.80	-39.31	1,984.07	2,004.61	1,963.45	41.16	48.706		
10,100.00	7,300.39	6,923.98	6,830.32	58.26	18.54	-58.47	-39.29	1,985.63	2,094.11	2,053.04	41.07	50.985		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
10,200.00	7,299.93	6,918.11	6,824.62	59.83	18.53	-58.17	-39.26	1,987.03	2,184.45	2,143.45	41.00	53.273	
10,300.00	7,299.47	6,900.00	6,806.95	61.40	18.53	-57.24	-39.20	1,991.02	2,275.70	2,234.79	40.91	55.621	
10,400.00	7,299.01	6,900.00	6,806.95	62.98	18.53	-57.24	-39.20	1,991.02	2,367.36	2,326.47	40.89	57.897	
10,500.00	7,298.55	6,900.00	6,806.95	64.57	18.53	-57.24	-39.20	1,991.02	2,459.67	2,418.80	40.87	60.178	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.15	-2.53	959.96	959.96				
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	959.96	959.96	952.43	7.53	127.504	
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	959.96	959.96	952.39	7.57	126.746	
300.00	299.98	297.43	297.41	3.35	3.34	-38.88	-4.18	959.97	958.62	950.97	7.65	125.274	
400.00	399.84	372.46	372.40	3.41	3.39	-38.93	-6.41	961.14	956.11	948.36	7.75	123.323	
500.00	499.45	447.52	447.36	3.49	3.44	-39.08	-8.44	964.26	953.50	945.61	7.89	120.904	
600.00	598.70	522.54	522.18	3.61	3.52	-39.36	-10.25	969.34	950.80	942.74	8.05	118.045	
700.00	697.47	600.00	599.28	3.77	3.61	-39.76	-11.90	976.62	948.05	939.78	8.27	114.703	
800.00	795.74	672.32	671.06	3.96	3.70	-40.20	-13.24	985.29	945.74	937.24	8.51	111.165	
843.48	838.45	704.86	703.29	4.06	3.75	-40.41	-13.78	989.78	945.49	936.86	8.63	109.606	
900.00	893.96	747.16	745.10	4.19	3.82	-40.67	-14.42	996.15	945.92	937.13	8.79	107.615	
1,000.00	992.19	832.31	829.01	4.45	3.98	-41.21	-15.54	1,010.55	948.57	939.44	9.13	103.859	
1,100.00	1,090.41	931.71	926.92	4.73	4.19	-41.83	-16.80	1,027.73	951.77	942.22	9.55	99.643	
1,200.00	1,188.63	1,031.12	1,024.82	5.03	4.42	-42.45	-18.06	1,044.91	955.08	945.08	10.01	95.457	
1,300.00	1,286.85	1,130.52	1,122.72	5.34	4.68	-43.07	-19.32	1,062.09	958.50	948.01	10.49	91.377	
1,400.00	1,385.07	1,229.93	1,220.62	5.67	4.95	-43.68	-20.58	1,079.28	962.04	951.04	11.00	87.452	
1,500.00	1,483.30	1,329.33	1,318.52	6.00	5.23	-44.28	-21.84	1,096.46	965.68	954.15	11.54	83.710	
1,600.00	1,581.52	1,428.74	1,416.42	6.35	5.53	-44.89	-23.10	1,113.64	969.44	957.35	12.09	80.199	
1,700.00	1,679.74	1,528.15	1,514.33	6.70	5.84	-45.48	-24.37	1,130.82	973.30	960.63	12.66	76.862	
1,800.00	1,777.96	1,627.55	1,612.23	7.06	6.16	-46.08	-25.63	1,148.00	977.26	964.01	13.25	73.742	
1,900.00	1,876.19	1,726.96	1,710.13	7.26	6.48	-46.67	-26.89	1,165.18	981.34	967.84	13.49	72.741	
2,000.00	1,974.41	1,826.36	1,808.03	7.31	6.77	-47.25	-28.15	1,182.36	985.51	971.91	13.60	72.476	
2,100.00	2,072.63	1,925.77	1,905.93	7.37	6.92	-47.83	-29.41	1,199.54	989.79	976.02	13.77	71.880	
2,200.00	2,170.85	2,025.17	2,003.83	7.45	6.96	-48.40	-30.67	1,216.73	994.16	980.29	13.88	71.650	
2,300.00	2,269.07	2,124.58	2,101.73	7.54	7.02	-48.97	-31.93	1,233.91	998.64	984.63	14.01	71.262	
2,400.00	2,367.30	2,223.99	2,199.64	7.65	7.09	-49.53	-33.19	1,251.09	1,003.22	989.03	14.18	70.728	
2,500.00	2,465.52	2,323.39	2,297.54	7.78	7.18	-50.09	-34.45	1,268.27	1,007.89	993.50	14.39	70.060	
2,600.00	2,563.74	2,422.80	2,395.44	7.92	7.29	-50.64	-35.71	1,285.45	1,012.66	998.04	14.62	69.274	
2,700.00	2,661.96	2,522.20	2,493.34	8.07	7.41	-51.19	-36.98	1,302.63	1,017.52	1,002.64	14.88	68.386	
2,800.00	2,760.18	2,621.61	2,591.24	8.24	7.54	-51.73	-38.24	1,319.81	1,022.47	1,007.31	15.17	67.414	
2,900.00	2,858.41	2,721.01	2,689.14	8.42	7.69	-52.27	-39.50	1,336.99	1,027.52	1,012.04	15.48	66.371	
3,000.00	2,956.63	2,820.42	2,787.04	8.61	7.85	-52.80	-40.76	1,354.18	1,032.65	1,016.83	15.82	65.275	
3,100.00	3,054.85	2,919.83	2,884.95	8.81	8.02	-53.33	-42.02	1,371.36	1,037.88	1,021.70	16.18	64.139	
3,200.00	3,153.07	3,019.23	2,982.85	9.02	8.20	-53.85	-43.28	1,388.54	1,043.19	1,026.63	16.56	62.976	
3,300.00	3,251.30	3,118.64	3,080.75	9.24	8.39	-54.37	-44.54	1,405.72	1,048.59	1,031.62	16.97	61.797	
3,400.00	3,349.52	3,218.04	3,178.65	9.47	8.59	-54.88	-45.80	1,422.90	1,054.07	1,036.68	17.39	60.611	
3,500.00	3,447.74	3,317.45	3,276.55	9.71	8.80	-55.39	-47.06	1,440.08	1,059.64	1,041.81	17.83	59.429	
3,600.00	3,545.96	3,416.85	3,374.45	9.95	9.01	-55.89	-48.33	1,457.26	1,065.29	1,047.00	18.29	58.255	
3,700.00	3,644.18	3,516.26	3,472.36	10.21	9.24	-56.38	-49.59	1,474.44	1,071.02	1,052.26	18.76	57.097	
3,800.00	3,742.41	3,615.67	3,570.26	10.46	9.47	-56.87	-50.85	1,491.62	1,076.83	1,057.58	19.24	55.959	
3,900.00	3,840.63	3,715.07	3,668.16	10.73	9.71	-57.36	-52.11	1,508.81	1,082.72	1,062.97	19.74	54.844	
4,000.00	3,938.85	3,814.48	3,766.06	11.00	9.95	-57.83	-53.37	1,525.99	1,088.68	1,068.43	20.25	53.755	
4,100.00	4,037.07	3,913.88	3,863.96	11.27	10.20	-58.31	-54.63	1,543.17	1,094.72	1,073.95	20.77	52.696	
4,200.00	4,135.30	4,013.29	3,961.86	11.55	10.45	-58.78	-55.89	1,560.35	1,100.83	1,079.53	21.31	51.666	
4,300.00	4,233.52	4,112.69	4,059.76	11.83	10.71	-59.24	-57.15	1,577.53	1,107.02	1,085.17	21.85	50.667	
4,400.00	4,331.74	4,212.10	4,157.67	12.12	10.98	-59.70	-58.41	1,594.71	1,113.28	1,090.88	22.40	49.700	
4,500.00	4,429.96	4,311.51	4,255.57	12.41	11.24	-60.15	-59.67	1,611.89	1,119.61	1,096.65	22.96	48.764	
4,600.00	4,528.18	4,410.91	4,353.47	12.71	11.51	-60.60	-60.94	1,629.07	1,126.01	1,102.49	23.53	47.860	
4,700.00	4,626.41	4,510.32	4,451.37	13.01	11.79	-61.05	-62.20	1,646.26	1,132.48	1,108.38	24.10	46.987	
4,800.00	4,724.63	4,609.72	4,549.27	13.31	12.07	-61.48	-63.46	1,663.44	1,139.02	1,114.34	24.68	46.144	
4,900.00	4,822.85	4,709.13	4,647.17	13.61	12.35	-61.92	-64.72	1,680.62	1,145.62	1,120.35	25.27	45.332	
5,000.00	4,921.07	4,808.53	4,745.08	13.92	12.63	-62.35	-65.98	1,697.80	1,152.29	1,126.42	25.87	44.549	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,019.30	4,907.94	4,842.98	14.23	12.92	-62.77	-67.24	1,714.98	1,159.02	1,132.56	26.47	43.794		
5,200.00	5,117.52	5,007.35	4,940.88	14.54	13.21	-63.19	-68.50	1,732.16	1,165.82	1,138.75	27.07	43.067		
5,300.00	5,215.74	5,106.75	5,038.78	14.86	13.50	-63.60	-69.76	1,749.34	1,172.67	1,144.99	27.68	42.366		
5,400.00	5,313.96	5,206.16	5,136.68	15.17	13.80	-64.01	-71.02	1,766.52	1,179.59	1,151.29	28.29	41.691		
5,500.00	5,412.18	5,305.56	5,234.58	15.49	14.10	-64.42	-72.28	1,783.71	1,186.56	1,157.65	28.91	41.040		
5,600.00	5,510.41	5,404.97	5,332.48	15.81	14.39	-64.82	-73.55	1,800.89	1,193.60	1,164.06	29.53	40.413		
5,700.00	5,608.63	5,504.37	5,430.39	16.13	14.69	-65.21	-74.81	1,818.07	1,200.69	1,170.53	30.16	39.809		
5,800.00	5,706.85	5,603.78	5,528.29	16.46	15.00	-65.60	-76.07	1,835.25	1,207.84	1,177.05	30.79	39.227		
5,900.00	5,805.07	5,703.19	5,626.19	16.78	15.30	-65.99	-77.33	1,852.43	1,215.04	1,183.62	31.42	38.666		
6,000.00	5,903.29	5,802.59	5,724.09	17.11	15.61	-66.37	-78.59	1,869.61	1,222.30	1,190.24	32.06	38.125		
6,100.00	6,001.52	5,902.00	5,821.99	17.44	15.91	-66.74	-79.85	1,886.79	1,229.61	1,196.91	32.70	37.603		
6,200.00	6,099.74	8,134.91	7,111.86	17.76	22.79	-143.30	-105.70	803.06	1,163.02	1,130.37	32.65	35.616		
6,300.00	6,197.96	8,117.64	7,112.35	18.09	22.62	-141.96	-105.59	820.31	1,085.34	1,052.01	33.33	32.560		
6,400.00	6,296.18	8,100.38	7,112.83	18.43	22.44	-140.60	-105.47	837.57	1,011.30	977.19	34.11	29.649		
6,500.00	6,394.41	8,083.12	7,113.32	18.76	22.28	-139.23	-105.36	854.82	941.74	906.74	35.00	26.909		
6,600.00	6,492.63	8,065.86	7,113.81	19.09	22.12	-137.85	-105.25	872.08	877.75	841.75	35.99	24.388		
6,700.00	6,590.85	8,048.60	7,114.29	19.43	21.96	-136.46	-105.13	889.33	820.61	783.54	37.07	22.135		
6,800.00	6,689.07	8,031.34	7,114.78	19.76	21.80	-135.06	-105.02	906.59	771.86	733.66	38.20	20.205		
6,900.00	6,787.26	8,013.86	7,115.27	20.10	21.64	-129.64	-104.90	924.06	733.19	693.89	39.30	18.658		
7,000.00	6,883.33	7,986.41	7,116.05	20.48	21.39	-115.21	-104.72	951.49	706.79	666.59	40.20	17.581		
7,100.00	6,974.38	7,944.28	7,117.23	20.94	21.04	-107.28	-104.44	993.61	693.36	652.54	40.82	16.985		
7,168.14	7,032.38	7,907.67	7,118.27	21.31	20.73	-102.64	-104.19	1,030.20	690.95	649.88	41.07	16.823 CC, ES		
7,200.00	7,058.15	7,888.49	7,118.81	21.48	20.58	-100.52	-104.07	1,049.37	691.43	650.29	41.14	16.807 SF		
7,300.00	7,132.58	7,820.43	7,120.72	22.09	20.09	-93.99	-103.61	1,117.40	698.05	656.80	41.25	16.922		
7,400.00	7,195.84	7,741.77	7,122.94	22.78	19.58	-87.89	-103.09	1,196.03	709.57	668.29	41.29	17.187		
7,500.00	7,246.38	7,654.44	7,125.40	23.55	19.11	-82.70	-102.51	1,283.32	722.38	681.01	41.38	17.459		
7,600.00	7,282.95	7,568.28	7,127.14	24.40	18.73	-78.96	-101.93	1,369.46	733.61	692.02	41.58	17.642		
7,700.00	7,304.64	7,493.82	7,121.45	25.31	18.48	-76.28	-101.32	1,443.65	743.29	701.45	41.84	17.763		
7,800.00	7,310.97	7,420.92	7,107.52	26.27	18.29	-74.22	-100.62	1,515.17	751.29	709.13	42.16	17.821		
7,900.00	7,310.51	7,350.00	7,086.21	27.29	18.15	-72.70	-99.84	1,582.77	760.75	718.29	42.46	17.915		
8,000.00	7,310.05	7,286.56	7,060.88	28.38	18.07	-70.92	-99.08	1,640.90	774.88	732.21	42.67	18.161		
8,100.00	7,309.59	7,227.81	7,032.38	29.52	18.02	-68.95	-98.31	1,692.24	794.39	751.64	42.75	18.583		
8,200.00	7,309.13	7,175.01	7,002.82	30.72	18.00	-66.97	-97.59	1,735.97	819.84	777.14	42.70	19.200		
8,300.00	7,308.67	7,127.91	6,973.47	31.97	18.00	-65.06	-96.91	1,772.79	851.57	809.03	42.54	20.020		
8,400.00	7,308.21	7,086.07	6,945.18	33.25	18.01	-63.27	-96.30	1,803.60	889.62	847.33	42.28	21.039		
8,500.00	7,307.75	7,050.00	6,919.22	34.57	18.01	-61.67	-95.75	1,828.62	933.81	891.83	41.98	22.246		
8,600.00	7,307.29	7,016.04	6,893.51	35.92	18.03	-60.14	-95.23	1,850.79	983.80	942.15	41.64	23.625		
8,700.00	7,306.83	6,986.79	6,870.44	37.30	18.04	-58.81	-94.78	1,868.78	1,039.11	997.81	41.30	25.157		
8,800.00	7,306.37	6,950.00	6,840.30	38.70	18.05	-57.12	-94.21	1,889.86	1,099.36	1,058.39	40.97	26.835		
8,900.00	7,305.91	6,950.00	6,840.30	40.12	18.05	-57.12	-94.21	1,889.86	1,163.83	1,123.13	40.70	28.595		
9,000.00	7,305.45	6,916.54	6,811.88	41.56	18.06	-55.58	-93.68	1,907.49	1,231.87	1,191.46	40.41	30.481		
9,100.00	7,304.99	6,900.00	6,797.49	43.02	18.06	-54.83	-93.42	1,915.64	1,303.42	1,263.24	40.18	32.436		
9,200.00	7,304.53	6,880.75	6,780.49	44.50	18.07	-53.96	-93.12	1,924.66	1,377.88	1,337.91	39.98	34.468		
9,300.00	7,304.07	6,865.36	6,766.70	45.99	18.07	-53.26	-92.87	1,931.50	1,454.90	1,415.10	39.80	36.553		
9,400.00	7,303.61	6,850.00	6,752.78	47.49	18.07	-52.57	-92.63	1,937.99	1,534.15	1,494.50	39.66	38.688		
9,500.00	7,303.15	6,850.00	6,752.78	49.00	18.07	-52.57	-92.63	1,937.99	1,615.49	1,575.93	39.56	40.836		
9,600.00	7,302.69	6,826.87	6,731.54	50.52	18.07	-51.55	-92.27	1,947.13	1,698.29	1,658.85	39.44	43.063		
9,700.00	7,302.23	6,800.00	6,706.46	52.06	18.07	-50.37	-91.84	1,956.76	1,782.98	1,743.66	39.33	45.338		
9,800.00	7,301.77	6,800.00	6,706.46	53.60	18.07	-50.37	-91.84	1,956.76	1,868.54	1,829.25	39.29	47.561		
9,900.00	7,301.31	6,800.00	6,706.46	55.14	18.07	-50.37	-91.84	1,956.76	1,955.46	1,916.20	39.26	49.807		
10,000.00	7,300.85	6,800.00	6,706.46	56.70	18.07	-50.37	-91.84	1,956.76	2,043.58	2,004.33	39.24	52.073		
10,100.00	7,300.39	6,780.74	6,688.25	58.26	18.07	-49.54	-91.54	1,963.02	2,132.38	2,093.18	39.20	54.395		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,299.93	6,773.42	6,681.28	59.83	18.06	-49.23	-91.43	1,965.25	2,222.15	2,182.96	39.19	56.698	
10,300.00	7,299.47	6,750.00	6,658.81	61.40	18.06	-48.25	-91.07	1,971.84	2,312.93	2,273.76	39.16	59.057	
10,400.00	7,299.01	6,750.00	6,658.81	62.98	18.06	-48.25	-91.07	1,971.84	2,403.95	2,364.76	39.19	61.347	
10,500.00	7,298.55	6,750.00	6,658.81	64.57	18.06	-48.25	-91.07	1,971.84	2,495.66	2,456.44	39.21	63.642	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.13	-2.17	939.91	939.91				
100.00	100.00	100.00	100.00	3.28	3.28	90.13	-2.17	939.91	939.91	932.38	7.53	124.841	
200.00	200.00	200.00	200.00	3.31	3.31	90.13	-2.17	939.91	939.91	932.34	7.57	124.099	
300.00	299.98	288.29	288.29	3.35	3.34	-38.98	-2.26	940.15	938.87	931.22	7.65	122.712	
400.00	399.84	364.89	364.85	3.41	3.38	-39.11	-3.01	942.06	937.29	929.54	7.75	120.964	
500.00	499.45	441.51	441.36	3.49	3.44	-39.30	-4.50	945.87	935.50	927.62	7.88	118.738	
600.00	598.70	518.15	517.76	3.61	3.51	-39.55	-6.73	951.59	933.52	925.47	8.05	116.036	
700.00	697.47	594.83	593.99	3.77	3.60	-39.86	-9.71	959.22	931.35	923.10	8.25	112.864	
800.00	795.74	671.55	670.03	3.96	3.70	-40.20	-13.44	968.75	929.49	920.99	8.50	109.315	
832.07	827.24	696.19	694.39	4.03	3.74	-40.29	-14.79	972.21	929.35	920.76	8.59	108.172	
900.00	893.96	748.40	745.89	4.19	3.83	-40.48	-17.91	980.19	929.91	921.12	8.79	105.769	
1,000.00	992.19	841.79	837.76	4.45	4.01	-40.78	-24.02	995.82	932.20	923.03	9.16	101.719	
1,100.00	1,090.41	941.63	935.96	4.73	4.24	-41.10	-30.58	1,012.60	934.61	925.02	9.59	97.409	
1,200.00	1,188.63	1,041.46	1,034.15	5.03	4.49	-41.41	-37.14	1,029.39	937.05	926.99	10.06	93.137	
1,300.00	1,286.85	1,141.30	1,132.35	5.34	4.76	-41.73	-43.70	1,046.17	939.52	928.96	10.56	88.983	
1,400.00	1,385.07	1,241.14	1,230.55	5.67	5.05	-42.04	-50.26	1,062.96	942.02	930.94	11.08	84.997	
1,500.00	1,483.30	1,340.97	1,328.74	6.00	5.36	-42.35	-56.82	1,079.75	944.54	932.91	11.63	81.203	
1,600.00	1,581.52	1,440.81	1,426.94	6.35	5.67	-42.66	-63.38	1,096.53	947.10	934.90	12.20	77.648	
1,700.00	1,679.74	1,540.65	1,525.14	6.70	6.00	-42.97	-69.94	1,113.32	949.68	936.89	12.78	74.290	
1,800.00	1,777.96	1,640.49	1,623.33	7.06	6.33	-43.27	-76.50	1,130.10	952.28	938.90	13.38	71.148	
1,900.00	1,876.19	1,740.32	1,721.53	7.26	6.67	-43.58	-83.06	1,146.89	954.92	941.28	13.64	70.029	
2,000.00	1,974.41	1,840.16	1,819.73	7.31	6.96	-43.88	-89.63	1,163.67	957.58	943.84	13.74	69.714	
2,100.00	2,072.63	1,940.00	1,917.92	7.37	7.09	-44.18	-96.19	1,180.46	960.27	946.37	13.89	69.119	
2,200.00	2,170.85	2,039.83	2,016.12	7.45	7.14	-44.48	-102.75	1,197.25	962.98	948.98	14.00	68.796	
2,300.00	2,269.07	2,139.67	2,114.32	7.54	7.20	-44.78	-109.31	1,214.03	965.72	951.59	14.14	68.317	
2,400.00	2,367.30	2,239.51	2,212.51	7.65	7.28	-45.07	-115.87	1,230.82	968.49	954.18	14.31	67.694	
2,500.00	2,465.52	2,339.34	2,310.71	7.78	7.38	-45.37	-122.43	1,247.60	971.28	956.77	14.51	66.942	
2,600.00	2,563.74	2,439.18	2,408.91	7.92	7.49	-45.66	-128.99	1,264.39	974.10	959.36	14.74	66.077	
2,700.00	2,661.96	2,539.02	2,507.10	8.07	7.62	-45.95	-135.55	1,281.18	976.94	961.94	15.00	65.114	
2,800.00	2,760.18	2,638.85	2,605.30	8.24	7.76	-46.24	-142.11	1,297.96	979.81	964.52	15.29	64.070	
2,900.00	2,858.41	2,738.69	2,703.50	8.42	7.92	-46.53	-148.67	1,314.75	982.70	967.09	15.61	62.962	
3,000.00	2,956.63	2,838.53	2,801.69	8.61	8.08	-46.81	-155.23	1,331.53	985.62	969.67	15.95	61.804	
3,100.00	3,054.85	2,938.36	2,899.89	8.81	8.26	-47.10	-161.79	1,348.32	988.56	972.25	16.31	60.610	
3,200.00	3,153.07	3,038.20	2,998.09	9.02	8.45	-47.38	-168.35	1,365.11	991.52	974.83	16.69	59.392	
3,300.00	3,251.30	3,138.04	3,096.28	9.24	8.65	-47.66	-174.91	1,381.89	994.51	977.42	17.10	58.162	
3,400.00	3,349.52	3,237.88	3,194.48	9.47	8.86	-47.94	-181.47	1,398.68	997.53	980.01	17.52	56.930	
3,500.00	3,447.74	3,337.71	3,292.68	9.71	9.07	-48.21	-188.04	1,415.46	1,000.56	982.60	17.96	55.702	
3,600.00	3,545.96	3,437.55	3,390.87	9.95	9.30	-48.49	-194.60	1,432.25	1,003.62	985.20	18.42	54.487	
3,700.00	3,644.18	3,537.39	3,489.07	10.21	9.53	-48.76	-201.16	1,449.04	1,006.71	987.82	18.89	53.288	
3,800.00	3,742.41	3,637.22	3,587.27	10.46	9.77	-49.04	-207.72	1,465.82	1,009.81	990.44	19.38	52.112	
3,900.00	3,840.63	3,737.06	3,685.46	10.73	10.02	-49.31	-214.28	1,482.61	1,012.94	993.07	19.88	50.961	
4,000.00	3,938.85	3,836.90	3,783.66	11.00	10.27	-49.57	-220.84	1,499.39	1,016.09	995.71	20.39	49.838	
4,100.00	4,037.07	3,936.73	3,881.86	11.27	10.53	-49.84	-227.40	1,516.18	1,019.27	998.36	20.91	48.745	
4,200.00	4,135.30	4,036.57	3,980.05	11.55	10.80	-50.11	-233.96	1,532.96	1,022.46	1,001.02	21.44	47.682	
4,300.00	4,233.52	4,136.41	4,078.25	11.83	11.06	-50.37	-240.52	1,549.75	1,025.68	1,003.69	21.99	46.652	
4,400.00	4,331.74	4,236.24	4,176.45	12.12	11.34	-50.63	-247.08	1,566.54	1,028.92	1,006.38	22.54	45.654	
4,500.00	4,429.96	4,336.08	4,274.64	12.41	11.62	-50.89	-253.64	1,583.32	1,032.18	1,009.08	23.10	44.688	
4,600.00	4,528.18	4,435.92	4,372.84	12.71	11.90	-51.15	-260.20	1,600.11	1,035.46	1,011.80	23.67	43.754	
4,700.00	4,626.41	4,535.75	4,471.04	13.01	12.18	-51.41	-266.76	1,616.89	1,038.76	1,014.52	24.24	42.852	
4,800.00	4,724.63	4,635.59	4,569.23	13.31	12.47	-51.66	-273.32	1,633.68	1,042.09	1,017.26	24.82	41.981	
4,900.00	4,822.85	4,735.43	4,667.43	13.61	12.76	-51.92	-279.89	1,650.47	1,045.43	1,020.02	25.41	41.141	
5,000.00	4,921.07	4,835.26	4,765.63	13.92	13.06	-52.17	-286.45	1,667.25	1,048.80	1,022.79	26.01	40.330	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.30	4,935.10	4,863.82	14.23	13.35	-52.42	-293.01	1,684.04	1,052.18	1,025.57	26.61	39.547	CC, ES, SF	
5,200.00	5,117.52	5,034.94	4,962.02	14.54	13.65	-52.67	-299.57	1,700.82	1,055.58	1,028.37	27.21	38.793		
5,300.00	5,215.74	5,134.78	5,060.22	14.86	13.96	-52.92	-306.13	1,717.61	1,059.01	1,031.19	27.82	38.065		
5,400.00	5,313.96	5,234.61	5,158.41	15.17	14.26	-53.16	-312.69	1,734.40	1,062.45	1,034.02	28.44	37.363		
5,500.00	5,412.18	5,334.45	5,256.61	15.49	14.57	-53.41	-319.25	1,751.18	1,065.92	1,036.86	29.06	36.686		
5,600.00	5,510.41	5,434.29	5,354.81	15.81	14.88	-53.65	-325.81	1,767.97	1,069.40	1,039.72	29.68	36.033		
5,700.00	5,608.63	5,534.12	5,453.00	16.13	15.19	-53.89	-332.37	1,784.75	1,072.90	1,042.60	30.31	35.402		
5,800.00	5,706.85	5,633.96	5,551.20	16.46	15.50	-54.13	-338.93	1,801.54	1,076.42	1,045.49	30.94	34.794		
5,900.00	5,805.07	5,733.80	5,649.40	16.78	15.81	-54.37	-345.49	1,818.33	1,079.96	1,048.39	31.57	34.207		
6,000.00	5,903.29	5,833.63	5,747.59	17.11	16.13	-54.61	-352.05	1,835.11	1,083.52	1,051.31	32.21	33.640		
6,100.00	6,001.52	5,933.47	5,845.79	17.44	16.45	-54.84	-358.61	1,851.90	1,087.10	1,054.25	32.85	33.093		
6,200.00	6,099.74	6,033.31	5,943.99	17.76	16.76	-55.07	-365.17	1,868.68	1,090.69	1,057.20	33.49	32.564		
6,300.00	6,197.96	8,152.60	7,179.22	18.09	22.49	-151.87	-421.78	829.86	1,017.33	986.21	31.12	32.693		
6,400.00	6,296.18	8,135.15	7,179.68	18.43	22.33	-149.65	-422.17	847.29	926.72	895.13	31.58	29.341		
6,500.00	6,394.41	8,117.70	7,180.14	18.76	22.16	-147.37	-422.57	864.73	837.88	805.73	32.15	26.062		
6,600.00	6,492.63	8,100.25	7,180.61	19.09	22.00	-145.02	-422.96	882.17	751.45	718.61	32.85	22.876		
6,700.00	6,590.85	8,082.80	7,181.07	19.43	21.85	-142.61	-423.35	899.61	668.36	634.63	33.74	19.811		
6,800.00	6,689.07	8,065.36	7,181.54	19.76	21.70	-140.15	-423.74	917.04	590.02	555.16	34.87	16.922		
6,900.00	6,787.26	8,047.69	7,182.01	20.10	21.55	-134.44	-424.13	934.70	518.62	482.33	36.29	14.291		
7,000.00	6,883.33	8,020.07	7,182.74	20.48	21.31	-122.60	-424.75	962.31	458.51	420.60	37.91	12.095		
7,100.00	6,974.38	7,977.77	7,183.87	20.94	20.98	-115.51	-425.70	1,004.58	414.08	374.57	39.50	10.482		
7,200.00	7,058.15	7,921.83	7,185.35	21.48	20.57	-108.10	-426.95	1,060.48	387.36	346.61	40.75	9.506		
7,300.00	7,132.58	7,853.65	7,187.17	22.09	20.13	-99.71	-428.48	1,128.62	377.10	335.68	41.42	9.104		
7,329.64	7,152.57	7,831.32	7,187.76	22.30	19.99	-97.12	-428.98	1,150.94	376.62	335.10	41.52	9.070		
7,400.00	7,195.84	7,774.89	7,189.26	22.78	19.69	-91.07	-430.25	1,207.34	378.81	337.22	41.59	9.108		
7,500.00	7,246.38	7,687.49	7,191.59	23.55	19.30	-83.37	-432.21	1,294.69	386.52	344.95	41.57	9.298		
7,600.00	7,282.95	7,605.72	7,190.29	24.40	19.05	-77.61	-433.82	1,376.38	395.93	354.48	41.45	9.552		
7,700.00	7,304.64	7,528.42	7,179.63	25.31	18.89	-72.74	-434.73	1,452.88	406.60	365.40	41.20	9.869		
7,800.00	7,310.97	7,453.37	7,160.50	26.27	18.78	-68.70	-435.02	1,525.41	417.54	376.64	40.90	10.209		
7,900.00	7,310.51	7,382.46	7,134.73	27.29	18.72	-65.50	-434.76	1,591.43	432.40	391.94	40.45	10.689		
8,000.00	7,310.05	7,317.98	7,105.07	28.38	18.70	-62.02	-434.07	1,648.65	455.23	415.49	39.74	11.454		
8,100.00	7,309.59	7,260.24	7,073.72	29.52	18.70	-58.60	-433.09	1,697.11	486.74	447.85	38.88	12.518		
8,200.00	7,309.13	7,209.03	7,042.36	30.72	18.72	-55.43	-431.95	1,737.56	526.96	488.95	38.01	13.864		
8,300.00	7,308.67	7,163.87	7,012.09	31.97	18.73	-52.60	-430.73	1,771.03	575.38	538.15	37.23	15.456		
8,400.00	7,308.21	7,124.13	6,983.55	33.25	18.75	-50.14	-429.49	1,798.66	631.12	594.52	36.60	17.243		
8,500.00	7,307.75	7,089.14	6,957.05	34.57	18.76	-48.01	-428.29	1,821.46	693.19	657.05	36.14	19.180		
8,600.00	7,307.29	7,050.00	6,925.97	35.92	18.78	-45.71	-426.82	1,845.20	760.70	724.91	35.80	21.250		
8,700.00	7,306.83	7,030.97	6,910.36	37.30	18.78	-44.62	-426.05	1,856.04	832.51	796.87	35.65	23.354		
8,800.00	7,306.37	7,000.00	6,884.26	38.70	18.79	-42.91	-424.75	1,872.67	908.21	872.68	35.52	25.566		
8,900.00	7,305.91	6,985.13	6,871.45	40.12	18.80	-42.11	-424.09	1,880.20	986.90	951.37	35.53	27.775		
9,000.00	7,305.45	6,965.79	6,854.54	41.56	18.80	-41.09	-423.22	1,889.54	1,068.25	1,032.69	35.56	30.043		
9,100.00	7,304.99	6,950.00	6,840.53	43.02	18.80	-40.28	-422.48	1,896.78	1,151.78	1,116.16	35.62	32.331		
9,200.00	7,304.53	6,932.74	6,825.01	44.50	18.81	-39.43	-421.65	1,904.29	1,237.15	1,201.45	35.70	34.655		
9,300.00	7,304.07	6,918.54	6,812.10	45.99	18.81	-38.74	-420.96	1,910.16	1,324.09	1,288.30	35.80	36.988		
9,400.00	7,303.61	6,900.00	6,795.05	47.49	18.81	-37.86	-420.03	1,917.38	1,412.41	1,376.52	35.89	39.357		
9,500.00	7,303.15	6,900.00	6,795.05	49.00	18.81	-37.86	-420.03	1,917.38	1,501.84	1,465.80	36.05	41.664		
9,600.00	7,302.69	6,883.07	6,779.31	50.52	18.80	-37.09	-419.16	1,923.53	1,592.23	1,556.08	36.14	44.054		
9,700.00	7,302.23	6,873.17	6,770.03	52.06	18.80	-36.64	-418.64	1,926.94	1,683.52	1,647.25	36.26	46.424		
9,800.00	7,301.77	6,850.00	6,748.10	53.60	18.80	-35.64	-417.41	1,934.34	1,775.77	1,739.43	36.34	48.860		
9,900.00	7,301.31	6,850.00	6,748.10	55.14	18.80	-35.64	-417.41	1,934.34	1,868.30	1,831.81	36.49	51.194		
10,000.00	7,300.85	6,850.00	6,748.10	56.70	18.80	-35.64	-417.41	1,934.34	1,961.57	1,924.93	36.64	53.535		
10,100.00	7,300.39	6,850.00	6,748.10	58.26	18.80	-35.64	-417.41	1,934.34	2,055.47	2,018.69	36.78	55.881		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,299.93	6,850.00	6,748.10	59.83	18.80	-35.64	-417.41	1,934.34	2,149.92	2,113.00	36.92	58.229	
10,300.00	7,299.47	6,827.55	6,726.62	61.40	18.79	-34.71	-416.18	1,940.75	2,244.35	2,207.35	37.00	60.661	
10,400.00	7,299.01	6,821.67	6,720.96	62.98	18.78	-34.47	-415.86	1,942.30	2,339.41	2,302.29	37.12	63.026	
10,500.00	7,298.55	6,800.00	6,699.98	64.57	18.78	-33.62	-414.64	1,947.57	2,435.06	2,397.86	37.20	65.458	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.74	0.36	-79.90	79.90				
100.00	100.00	101.00	101.00	3.28	3.28	-89.74	0.36	-79.90	79.90	72.38	7.53	10.613	
200.00	200.00	201.00	201.00	3.31	3.31	-89.74	0.36	-79.90	79.90	72.33	7.57	10.549	CC, ES
300.00	299.98	300.98	300.98	3.35	3.35	141.97	0.36	-79.90	81.27	73.61	7.66	10.610	
400.00	399.84	400.84	400.84	3.41	3.42	144.08	0.36	-79.90	85.46	77.67	7.79	10.973	
500.00	499.45	500.45	500.45	3.49	3.50	147.16	0.36	-79.90	92.66	84.70	7.96	11.638	
600.00	598.70	600.30	599.70	3.61	3.61	150.72	0.36	-79.90	103.13	94.94	8.18	12.605	
700.00	697.47	701.53	698.47	3.77	3.74	154.34	0.36	-79.90	117.05	108.60	8.45	13.858	
800.00	795.74	803.26	796.74	3.96	3.88	157.70	0.36	-79.90	133.99	125.24	8.75	15.311	
900.00	893.96	894.96	894.96	4.19	4.02	160.39	0.36	-79.90	151.57	142.50	9.06	16.723	
1,000.00	992.19	998.52	998.50	4.45	4.18	162.85	0.39	-78.21	167.92	158.52	9.40	17.859	
1,100.00	1,090.41	1,103.19	1,103.02	4.73	4.35	165.38	0.47	-72.70	181.25	171.50	9.75	18.581	
1,200.00	1,188.63	1,208.43	1,207.84	5.03	4.53	168.08	0.61	-63.32	191.64	181.51	10.13	18.919	
1,300.00	1,286.85	1,313.97	1,312.53	5.34	4.74	171.06	0.81	-50.05	199.21	188.68	10.53	18.927	
1,400.00	1,385.07	1,419.52	1,416.68	5.67	4.98	174.40	1.06	-32.93	204.18	193.23	10.95	18.654	
1,500.00	1,483.30	1,520.81	1,516.11	6.00	5.23	177.91	1.35	-13.64	207.45	196.04	11.41	18.187	
1,600.00	1,581.52	1,619.96	1,613.41	6.35	5.50	-178.72	1.63	5.47	211.29	199.39	11.90	17.753	
1,700.00	1,679.74	1,719.12	1,710.70	6.70	5.78	-175.49	1.91	24.57	215.85	203.42	12.43	17.371	
1,800.00	1,777.96	1,818.28	1,808.00	7.06	6.06	-172.39	2.20	43.68	221.07	208.29	12.78	17.294	
1,900.00	1,876.19	1,917.43	1,905.30	7.26	6.20	-169.45	2.48	62.78	226.91	214.04	12.87	17.634	
2,000.00	1,974.41	2,016.59	2,002.60	7.31	6.24	-166.66	2.76	81.89	233.33	220.38	12.95	18.013	
2,100.00	2,072.63	2,115.75	2,099.90	7.37	6.30	-164.02	3.05	100.99	240.28	227.20	13.08	18.373	
2,200.00	2,170.85	2,214.90	2,197.20	7.45	6.38	-161.53	3.33	120.10	247.71	234.47	13.24	18.709	
2,300.00	2,269.07	2,314.06	2,294.49	7.54	6.47	-159.19	3.61	139.20	255.58	242.14	13.44	19.018	
2,400.00	2,367.30	2,413.22	2,391.79	7.65	6.59	-156.99	3.90	158.30	263.85	250.18	13.67	19.298	
2,500.00	2,465.52	2,512.37	2,489.09	7.78	6.72	-154.93	4.18	177.41	272.49	258.55	13.94	19.550	
2,600.00	2,563.74	2,611.53	2,586.39	7.92	6.87	-152.99	4.46	196.51	281.46	267.23	14.23	19.773	
2,700.00	2,661.96	2,710.68	2,683.69	8.07	7.03	-151.18	4.75	215.62	290.74	276.18	14.56	19.969	
2,800.00	2,760.18	2,809.84	2,780.99	8.24	7.20	-149.48	5.03	234.72	300.28	285.37	14.91	20.138	
2,900.00	2,858.41	2,909.00	2,878.28	8.42	7.39	-147.88	5.31	253.83	310.08	294.79	15.29	20.284	
3,000.00	2,956.63	3,008.15	2,975.58	8.61	7.59	-146.39	5.60	272.93	320.09	304.41	15.69	20.406	
3,100.00	3,054.85	3,107.31	3,072.88	8.81	7.80	-144.98	5.88	292.04	330.32	314.21	16.11	20.508	
3,200.00	3,153.07	3,206.47	3,170.18	9.02	8.02	-143.66	6.16	311.14	340.73	324.18	16.55	20.592	
3,300.00	3,251.30	3,305.62	3,267.48	9.24	8.25	-142.41	6.45	330.25	351.31	334.30	17.00	20.660	
3,400.00	3,349.52	3,404.78	3,364.77	9.47	8.49	-141.24	6.73	349.35	362.04	344.56	17.48	20.714	
3,500.00	3,447.74	3,503.94	3,462.07	9.71	8.74	-140.14	7.02	368.46	372.92	354.95	17.97	20.755	
3,600.00	3,545.96	3,603.09	3,559.37	9.95	8.99	-139.10	7.30	387.56	383.92	365.45	18.47	20.785	
3,700.00	3,644.18	3,702.25	3,656.67	10.21	9.25	-138.12	7.58	406.67	395.05	376.06	18.99	20.806	
3,800.00	3,742.41	3,801.41	3,753.97	10.46	9.52	-137.19	7.87	425.77	406.28	386.77	19.52	20.818	
3,900.00	3,840.63	3,900.56	3,851.27	10.73	9.79	-136.31	8.15	444.87	417.62	397.56	20.05	20.824	
4,000.00	3,938.85	4,000.28	3,948.56	11.00	10.07	-135.48	8.43	463.98	429.04	408.44	20.61	20.822	
4,100.00	4,037.07	4,101.12	4,045.86	11.27	10.35	-134.69	8.72	483.08	440.55	419.38	21.17	20.812	
4,200.00	4,135.30	4,201.97	4,143.16	11.55	10.64	-133.94	9.00	502.19	452.14	430.40	21.74	20.798	
4,300.00	4,233.52	4,302.81	4,240.46	11.83	10.94	-133.23	9.28	521.29	463.80	441.48	22.32	20.780	
4,400.00	4,331.74	4,403.66	4,337.76	12.12	11.24	-132.55	9.57	540.40	475.53	452.62	22.91	20.759	
4,500.00	4,429.96	4,504.50	4,435.05	12.41	11.54	-131.91	9.85	559.50	487.32	463.82	23.50	20.736	
4,600.00	4,528.18	4,605.34	4,532.35	12.71	11.84	-131.29	10.13	578.61	499.17	475.07	24.10	20.712	
4,700.00	4,626.41	4,706.19	4,629.65	13.01	12.15	-130.71	10.42	597.71	511.08	486.37	24.71	20.685	
4,800.00	4,724.63	4,807.03	4,726.95	13.31	12.46	-130.15	10.70	616.82	523.03	497.71	25.32	20.658	
4,900.00	4,822.85	4,907.87	4,824.25	13.61	12.78	-129.62	10.98	635.92	535.03	509.09	25.94	20.629	
5,000.00	4,921.07	5,008.72	4,921.55	13.92	13.09	-129.11	11.27	655.03	547.07	520.52	26.56	20.600	
5,100.00	5,019.30	5,109.56	5,018.84	14.23	13.41	-128.62	11.55	674.13	559.16	531.98	27.18	20.570	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,117.52	5,189.60	5,116.14	14.54	13.67	-128.15	11.83	693.24	571.28	543.54	27.75	20.589	
5,300.00	5,215.74	5,288.75	5,213.44	14.86	13.98	-127.70	12.12	712.34	583.44	555.07	28.37	20.562	
5,400.00	5,313.96	5,387.91	5,310.74	15.17	14.30	-127.27	12.40	731.44	595.64	566.63	29.01	20.535	
5,500.00	5,412.18	5,487.07	5,408.04	15.49	14.62	-126.86	12.68	750.55	607.86	578.22	29.64	20.507	
5,600.00	5,510.41	5,586.22	5,505.33	15.81	14.94	-126.46	12.97	769.65	620.12	589.84	30.28	20.480	
5,700.00	5,608.63	5,685.38	5,602.63	16.13	15.26	-126.08	13.25	788.76	632.40	601.48	30.92	20.453	
5,800.00	5,706.85	5,784.54	5,699.93	16.46	15.59	-125.72	13.53	807.86	644.71	613.15	31.56	20.425	
5,900.00	5,805.07	5,883.69	5,797.23	16.78	15.91	-125.36	13.82	826.97	657.05	624.84	32.21	20.399	
6,000.00	5,903.29	5,982.85	5,894.53	17.11	16.24	-125.02	14.10	846.07	669.40	636.54	32.86	20.372	
6,100.00	6,001.52	6,082.01	5,991.83	17.44	16.57	-124.70	14.38	865.18	681.78	648.27	33.51	20.346	
6,200.00	6,099.74	6,181.16	6,089.12	17.76	16.90	-124.38	14.67	884.28	694.19	660.02	34.16	20.320	
6,300.00	6,197.96	6,280.32	6,186.42	18.09	17.23	-124.08	14.95	903.39	706.61	671.79	34.82	20.294	
6,400.00	6,296.18	6,379.47	6,283.72	18.43	17.56	-123.78	15.23	922.49	719.05	683.58	35.48	20.269	
6,500.00	6,394.41	6,478.63	6,381.02	18.76	17.89	-123.50	15.52	941.60	731.51	695.38	36.13	20.244	
6,600.00	6,492.63	6,577.79	6,478.32	19.09	18.22	-123.22	15.80	960.70	743.99	707.19	36.80	20.220	
6,700.00	6,590.85	6,676.94	6,575.62	19.43	18.55	-122.96	16.08	979.81	756.48	719.02	37.46	20.196	
6,800.00	6,689.07	6,776.10	6,672.91	19.76	18.89	-122.70	16.37	998.91	768.99	730.87	38.12	20.172	
6,900.00	6,787.26	6,875.27	6,770.22	20.10	19.22	-117.74	16.65	1,018.02	781.48	742.70	38.79	20.148	
7,000.00	6,883.33	6,966.04	6,858.56	20.48	19.56	-102.21	16.92	1,038.68	793.02	753.56	39.46	20.099	
7,100.00	6,974.38	7,054.16	6,940.82	20.94	19.96	-95.61	17.22	1,070.06	803.70	763.44	40.26	19.961	
7,200.00	7,058.15	7,142.95	7,018.54	21.48	20.47	-92.11	17.54	1,112.85	813.37	772.12	41.25	19.719	
7,300.00	7,132.58	7,232.66	7,090.25	22.09	21.07	-90.09	17.90	1,166.62	821.82	779.40	42.42	19.375	
7,400.00	7,195.84	7,323.50	7,154.44	22.78	21.78	-88.95	18.28	1,230.80	828.89	785.10	43.79	18.930	
7,500.00	7,246.38	7,415.70	7,209.58	23.55	22.59	-88.44	18.67	1,304.59	834.45	789.09	45.36	18.394	
7,600.00	7,282.95	7,509.46	7,254.14	24.40	23.50	-88.42	19.07	1,386.99	838.41	791.26	47.15	17.781	
7,700.00	7,304.64	7,604.95	7,286.59	25.31	24.50	-88.81	19.48	1,476.70	840.70	791.56	49.13	17.111	
7,800.00	7,310.97	7,702.35	7,305.50	26.27	25.58	-89.56	19.87	1,572.15	841.28	790.02	51.26	16.411	
7,900.00	7,310.51	7,801.98	7,309.91	27.29	26.72	-89.89	20.25	1,671.59	841.20	787.68	53.52	15.718	
8,000.00	7,310.05	7,901.98	7,309.49	28.38	27.91	-89.89	20.62	1,771.59	841.13	785.25	55.87	15.054	
8,100.00	7,309.59	8,001.98	7,309.08	29.52	29.15	-89.90	20.99	1,871.59	841.05	782.73	58.33	14.420	
8,200.00	7,309.13	8,101.98	7,308.66	30.72	30.43	-89.90	21.36	1,971.59	840.98	780.12	60.86	13.817	
8,300.00	7,308.67	8,201.98	7,308.24	31.97	31.75	-89.90	21.73	2,071.59	840.91	777.43	63.48	13.247	
8,400.00	7,308.21	8,301.98	7,307.82	33.25	33.10	-89.91	22.10	2,171.59	840.84	774.68	66.16	12.709	
8,500.00	7,307.75	8,401.98	7,307.41	34.57	34.47	-89.91	22.47	2,271.58	840.77	771.87	68.90	12.203	
8,600.00	7,307.29	8,501.98	7,306.99	35.92	35.88	-89.91	22.84	2,371.58	840.69	769.00	71.69	11.727	
8,700.00	7,306.83	8,601.98	7,306.57	37.30	37.30	-89.91	23.21	2,471.58	840.62	766.09	74.53	11.279	
8,800.00	7,306.37	8,701.98	7,306.16	38.70	38.75	-89.92	23.58	2,571.58	840.55	763.14	77.41	10.859	
8,900.00	7,305.91	8,801.98	7,305.74	40.12	40.21	-89.92	23.95	2,671.58	840.48	760.16	80.32	10.464	
9,000.00	7,305.45	8,901.98	7,305.32	41.56	41.69	-89.92	24.32	2,771.58	840.41	757.14	83.27	10.093	
9,100.00	7,304.99	9,001.98	7,304.90	43.02	43.18	-89.93	24.69	2,871.57	840.33	754.09	86.25	9.744	
9,200.00	7,304.53	9,101.98	7,304.49	44.50	44.69	-89.93	25.06	2,971.57	840.26	751.01	89.25	9.415	
9,300.00	7,304.07	9,201.98	7,304.07	45.99	46.20	-89.93	25.43	3,071.57	840.19	747.92	92.27	9.105	
9,400.00	7,303.61	9,301.98	7,303.65	47.49	47.73	-89.94	25.80	3,171.57	840.12	744.80	95.32	8.813	
9,500.00	7,303.15	9,401.98	7,303.24	49.00	49.27	-89.94	26.17	3,271.57	840.05	741.66	98.39	8.538	
9,600.00	7,302.69	9,501.98	7,302.82	50.52	50.81	-89.94	26.54	3,371.57	839.97	738.50	101.47	8.278	
9,700.00	7,302.23	9,601.98	7,302.40	52.06	52.37	-89.94	26.91	3,471.57	839.90	735.33	104.58	8.032	
9,800.00	7,301.77	9,701.98	7,301.98	53.60	53.93	-89.95	27.28	3,571.56	839.83	732.14	107.69	7.799	
9,900.00	7,301.31	9,801.98	7,301.57	55.14	55.49	-89.95	27.65	3,671.56	839.76	728.94	110.82	7.578	
10,000.00	7,300.85	9,901.98	7,301.15	56.70	57.07	-89.95	28.02	3,771.56	839.69	725.72	113.96	7.368	
10,100.00	7,300.39	10,001.98	7,300.73	58.26	58.64	-89.96	28.39	3,871.56	839.61	722.50	117.11	7.169	
10,200.00	7,299.93	10,101.98	7,300.31	59.83	60.23	-89.96	28.76	3,971.56	839.54	719.26	120.28	6.980	
10,300.00	7,299.47	10,201.98	7,299.90	61.40	61.82	-89.96	29.12	4,071.56	839.47	716.02	123.45	6.800	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,299.01	10,301.98	7,299.48	62.98	63.41	-89.96	29.49	4,171.55	839.40	712.77	126.63	6.629		
10,500.00	7,298.55	10,401.98	7,299.06	64.57	65.00	-89.97	29.86	4,271.55	839.33	709.50	129.82	6.465		
10,600.00	7,298.09	10,501.98	7,298.65	66.15	66.60	-89.97	30.23	4,371.55	839.25	706.23	133.02	6.309		
10,700.00	7,297.63	10,601.98	7,298.23	67.75	68.21	-89.97	30.60	4,471.55	839.18	702.96	136.22	6.160		
10,800.00	7,297.17	10,701.98	7,297.81	69.34	69.82	-89.98	30.97	4,571.55	839.11	699.67	139.44	6.018		
10,900.00	7,296.71	10,801.98	7,297.39	70.94	71.43	-89.98	31.34	4,671.55	839.04	696.39	142.65	5.882		
11,000.00	7,296.25	10,901.98	7,296.98	72.55	73.04	-89.98	31.71	4,771.54	838.97	693.09	145.88	5.751		
11,100.00	7,295.79	11,001.98	7,296.56	74.15	74.65	-89.98	32.08	4,871.54	838.89	689.79	149.10	5.626		
11,200.00	7,295.33	11,101.98	7,296.14	75.76	76.27	-89.99	32.45	4,971.54	838.82	686.48	152.34	5.506		
11,300.00	7,294.87	11,201.98	7,295.73	77.37	77.89	-89.99	32.82	5,071.54	838.75	683.17	155.58	5.391		
11,400.00	7,294.41	11,301.98	7,295.31	78.99	79.51	-89.99	33.19	5,171.54	838.68	679.86	158.82	5.281		
11,500.00	7,293.95	11,401.98	7,294.89	80.60	81.14	-90.00	33.56	5,271.54	838.61	676.54	162.07	5.174		
11,600.00	7,293.49	11,501.98	7,294.47	82.22	82.76	-90.00	33.93	5,371.54	838.53	673.22	165.32	5.072		
11,700.00	7,293.03	11,601.98	7,294.06	83.84	84.39	-90.00	34.30	5,471.53	838.46	669.89	168.57	4.974		
11,800.00	7,292.57	11,701.98	7,293.64	85.47	86.02	-90.01	34.67	5,571.53	838.39	666.56	171.83	4.879		
11,900.00	7,292.11	11,801.98	7,293.22	87.09	87.65	-90.01	35.04	5,671.53	838.32	663.23	175.09	4.788		
12,000.00	7,291.65	11,901.98	7,292.80	88.72	89.29	-90.01	35.41	5,771.53	838.25	659.89	178.35	4.700		
12,100.00	7,291.19	12,001.98	7,292.39	90.34	90.92	-90.01	35.78	5,871.53	838.18	656.55	181.62	4.615		
12,200.00	7,290.73	12,101.98	7,291.97	91.97	92.56	-90.02	36.15	5,971.53	838.10	653.21	184.89	4.533		
12,300.00	7,290.27	12,201.98	7,291.55	93.61	94.19	-90.02	36.52	6,071.52	838.03	649.87	188.17	4.454		
12,400.00	7,289.81	12,301.98	7,291.14	95.24	95.83	-90.02	36.89	6,171.52	837.96	646.52	191.44	4.377		
12,500.00	7,289.35	12,401.98	7,290.72	96.87	97.47	-90.03	37.26	6,271.52	837.89	643.17	194.72	4.303		
12,600.00	7,288.89	12,501.98	7,290.30	98.51	99.11	-90.03	37.63	6,371.52	837.82	639.82	198.00	4.231		
12,700.00	7,288.43	12,601.98	7,289.88	100.15	100.75	-90.03	38.00	6,471.52	837.74	636.46	201.28	4.162		
12,800.00	7,287.97	12,701.98	7,289.47	101.78	102.40	-90.03	38.37	6,571.52	837.67	633.11	204.56	4.095		
12,900.00	7,287.51	12,801.98	7,289.05	103.42	104.04	-90.04	38.74	6,671.51	837.60	629.75	207.85	4.030		
13,000.00	7,287.05	12,901.98	7,288.63	105.06	105.68	-90.04	39.11	6,771.51	837.53	626.39	211.14	3.967		
13,100.00	7,286.59	13,001.98	7,288.22	106.70	107.33	-90.04	39.48	6,871.51	837.46	623.03	214.43	3.906		
13,200.00	7,286.13	13,101.98	7,287.80	108.34	108.97	-90.05	39.85	6,971.51	837.38	619.67	217.72	3.846		
13,300.00	7,285.67	13,201.98	7,287.38	109.99	110.62	-90.05	40.22	7,071.51	837.31	616.30	221.01	3.789		
13,400.00	7,285.21	13,301.98	7,286.96	111.63	112.27	-90.05	40.59	7,171.51	837.24	612.94	224.31	3.733		
13,500.00	7,284.75	13,401.98	7,286.55	113.28	113.92	-90.05	40.96	7,271.50	837.17	609.57	227.60	3.678		
13,600.00	7,284.29	13,501.98	7,286.13	114.92	115.57	-90.06	41.33	7,371.50	837.10	606.20	230.90	3.625		
13,700.00	7,283.83	13,601.98	7,285.71	116.57	117.22	-90.06	41.70	7,471.50	837.03	602.83	234.20	3.574		
13,800.00	7,283.37	13,701.98	7,285.29	118.21	118.87	-90.06	42.07	7,571.50	836.95	599.46	237.50	3.524		
13,900.00	7,282.91	13,801.97	7,284.88	119.86	120.52	-90.07	42.43	7,671.50	836.88	596.08	240.80	3.475		
14,000.00	7,282.45	13,901.97	7,284.46	121.51	122.17	-90.07	42.80	7,771.50	836.81	592.71	244.10	3.428		
14,100.00	7,281.99	14,001.97	7,284.04	123.16	123.82	-90.07	43.17	7,871.50	836.74	589.33	247.40	3.382		
14,200.00	7,281.53	14,101.97	7,283.63	124.81	125.47	-90.08	43.54	7,971.49	836.67	585.96	250.71	3.337		
14,300.00	7,281.07	14,201.97	7,283.21	126.46	127.13	-90.08	43.91	8,071.49	836.59	582.58	254.01	3.293		
14,400.00	7,280.61	14,301.97	7,282.79	128.11	128.78	-90.08	44.28	8,171.49	836.52	579.20	257.32	3.251		
14,500.00	7,280.15	14,401.97	7,282.37	129.76	130.43	-90.08	44.65	8,271.49	836.45	575.82	260.63	3.209		
14,600.00	7,279.69	14,501.97	7,281.96	131.41	132.09	-90.09	45.02	8,371.49	836.38	572.44	263.94	3.169		
14,700.00	7,279.23	14,601.97	7,281.54	133.07	133.74	-90.09	45.39	8,471.49	836.31	569.06	267.25	3.129		
14,800.00	7,278.77	14,701.97	7,281.12	134.72	135.40	-90.09	45.76	8,571.48	836.23	565.68	270.56	3.091		
14,900.00	7,278.31	14,801.97	7,280.71	136.37	137.06	-90.10	46.13	8,671.48	836.16	562.30	273.87	3.053		
15,000.00	7,277.85	14,901.97	7,280.29	138.03	138.71	-90.10	46.50	8,771.48	836.09	558.91	277.18	3.016		
15,100.00	7,277.39	15,001.97	7,279.87	139.68	140.37	-90.10	46.87	8,871.48	836.02	555.53	280.49	2.981		
15,200.00	7,276.93	15,101.97	7,279.45	141.33	142.03	-90.10	47.24	8,971.48	835.95	552.14	283.81	2.945		
15,300.00	7,276.47	15,201.97	7,279.04	142.99	143.68	-90.11	47.61	9,071.48	835.88	548.76	287.12	2.911		
15,400.00	7,276.01	15,301.97	7,278.62	144.65	145.34	-90.11	47.98	9,171.47	835.80	545.37	290.43	2.878		
15,500.00	7,275.55	15,401.97	7,278.20	146.30	147.00	-90.11	48.35	9,271.47	835.73	541.98	293.75	2.845		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,600.00	7,275.09	15,501.97	7,277.78	147.96	148.66	-90.12	48.72	9,371.47	835.66	538.59	297.07	2.813	
15,700.00	7,274.63	15,601.97	7,277.37	149.61	150.32	-90.12	49.09	9,471.47	835.59	535.21	300.38	2.782	
15,800.00	7,274.17	15,701.97	7,276.95	151.27	151.97	-90.12	49.46	9,571.47	835.52	531.82	303.70	2.751	
15,900.00	7,273.71	15,801.97	7,276.53	152.93	153.63	-90.13	49.83	9,671.47	835.44	528.43	307.02	2.721	
16,000.00	7,273.25	15,901.97	7,276.12	154.59	155.29	-90.13	50.20	9,771.47	835.37	525.04	310.34	2.692	
16,100.00	7,272.79	16,001.97	7,275.70	156.24	156.95	-90.13	50.57	9,871.46	835.30	521.65	313.66	2.663	
16,200.00	7,272.33	16,101.97	7,275.28	157.90	158.61	-90.13	50.94	9,971.46	835.23	518.25	316.98	2.635	
16,300.00	7,271.87	16,201.97	7,274.86	159.56	160.27	-90.14	51.31	10,071.46	835.16	514.86	320.30	2.607	
16,400.00	7,271.41	16,301.97	7,274.45	161.22	161.93	-90.14	51.68	10,171.46	835.09	511.47	323.62	2.580	
16,500.00	7,270.95	16,401.97	7,274.03	162.88	163.59	-90.14	52.05	10,271.46	835.01	508.08	326.94	2.554	
16,600.00	7,270.49	16,501.97	7,273.61	164.54	165.26	-90.15	52.42	10,371.46	834.94	504.68	330.26	2.528	
16,700.00	7,270.03	16,601.97	7,273.20	166.20	166.92	-90.15	52.79	10,471.45	834.87	501.29	333.58	2.503	
16,800.00	7,269.57	16,701.97	7,272.78	167.86	168.58	-90.15	53.16	10,571.45	834.80	497.89	336.90	2.478	
16,900.00	7,269.11	16,801.97	7,272.36	169.52	170.24	-90.15	53.53	10,671.45	834.73	494.50	340.23	2.453	
17,000.00	7,268.65	16,901.97	7,271.94	171.18	171.90	-90.16	53.90	10,771.45	834.65	491.10	343.55	2.430	
17,100.00	7,268.19	17,001.97	7,271.53	172.84	173.56	-90.16	54.27	10,871.45	834.58	487.71	346.87	2.406	
17,200.00	7,267.73	17,101.97	7,271.11	174.50	175.23	-90.16	54.64	10,971.45	834.51	484.31	350.20	2.383	
17,300.00	7,267.27	17,201.97	7,270.69	176.16	176.89	-90.17	55.01	11,071.44	834.44	480.92	353.52	2.360	
17,400.00	7,266.81	17,301.97	7,270.27	177.82	178.55	-90.17	55.38	11,171.44	834.37	477.52	356.85	2.338	
17,500.00	7,266.35	17,401.97	7,269.86	179.48	180.21	-90.17	55.74	11,271.44	834.30	474.12	360.17	2.316	
17,600.00	7,265.89	17,501.97	7,269.44	181.14	181.88	-90.18	56.11	11,371.44	834.22	470.73	363.50	2.295	
17,700.00	7,265.43	17,601.97	7,269.02	182.81	183.54	-90.18	56.48	11,471.44	834.15	467.33	366.82	2.274	
17,800.00	7,264.97	17,701.97	7,268.61	184.47	185.20	-90.18	56.85	11,571.44	834.08	463.93	370.15	2.253	
17,893.49	7,264.54	17,804.54	7,268.22	186.02	186.91	-90.18	57.20	11,664.93	834.01	460.60	373.41	2.233 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.65	0.36	-59.86	59.86				
100.00	100.00	101.00	101.00	3.28	3.28	-89.65	0.36	-59.86	59.86	52.33	7.53	7.951	
200.00	200.00	201.00	201.00	3.31	3.31	-89.65	0.36	-59.86	59.86	52.28	7.57	7.903	
300.00	299.98	302.71	302.70	3.35	3.35	142.21	0.21	-58.67	60.07	52.41	7.66	7.846	
400.00	399.84	404.80	404.67	3.41	3.41	144.86	-0.42	-53.95	59.63	51.86	7.77	7.676	
500.00	499.45	506.80	506.32	3.49	3.51	149.34	-1.53	-45.64	58.72	50.80	7.92	7.416	
600.00	598.70	608.65	607.46	3.61	3.63	155.80	-3.12	-33.77	57.79	49.69	8.11	7.128	
678.87	676.64	688.84	686.75	3.73	3.75	162.32	-4.70	-21.92	57.47	49.18	8.29	6.933 CC	
700.00	697.47	710.30	707.91	3.77	3.78	164.27	-5.17	-18.37	57.50	49.16	8.34	6.893 ES	
800.00	795.74	809.95	806.07	3.96	3.97	173.61	-7.45	-1.33	59.46	50.80	8.66	6.870	
900.00	893.96	909.47	904.09	4.19	4.19	-177.87	-9.72	15.70	63.17	54.15	9.02	7.001	
1,000.00	992.19	1,008.98	1,002.11	4.45	4.43	-170.43	-11.99	32.73	68.12	58.68	9.44	7.214	
1,100.00	1,090.41	1,108.49	1,100.12	4.73	4.69	-164.08	-14.26	49.75	74.07	64.15	9.91	7.470	
1,200.00	1,188.63	1,208.00	1,198.14	5.03	4.96	-158.73	-16.53	66.78	80.78	70.35	10.43	7.744	
1,300.00	1,286.85	1,307.52	1,296.16	5.34	5.25	-154.23	-18.80	83.80	88.09	77.10	10.99	8.018	
1,400.00	1,385.07	1,407.03	1,394.18	5.67	5.55	-150.43	-21.08	100.83	95.85	84.28	11.57	8.282	
1,500.00	1,483.30	1,506.54	1,492.20	6.00	5.86	-147.21	-23.35	117.86	103.98	91.79	12.19	8.531	
1,600.00	1,581.52	1,606.05	1,590.22	6.35	6.18	-144.46	-25.62	134.88	112.38	99.56	12.82	8.763	
1,700.00	1,679.74	1,705.56	1,688.24	6.70	6.51	-142.10	-27.89	151.91	121.00	107.53	13.48	8.977	
1,800.00	1,777.96	1,805.08	1,786.25	7.06	6.84	-140.06	-30.16	168.94	129.81	115.66	14.14	9.179	
1,900.00	1,876.19	1,904.59	1,884.27	7.26	7.01	-138.28	-32.44	185.96	138.75	124.61	14.14	9.811	
2,000.00	1,974.41	2,004.10	1,982.29	7.31	7.05	-136.71	-34.71	202.99	147.81	133.56	14.25	10.371	
2,100.00	2,072.63	2,103.61	2,080.31	7.37	7.11	-135.33	-36.98	220.02	156.97	142.58	14.39	10.907	
2,200.00	2,170.85	2,203.12	2,178.33	7.45	7.18	-134.09	-39.25	237.04	166.21	151.65	14.56	11.416	
2,300.00	2,269.07	2,302.64	2,276.35	7.54	7.27	-132.99	-41.52	254.07	175.52	160.76	14.76	11.895	
2,400.00	2,367.30	2,402.15	2,374.36	7.65	7.37	-132.00	-43.80	271.10	184.88	169.90	14.98	12.343	
2,500.00	2,465.52	2,501.66	2,472.38	7.78	7.49	-131.11	-46.07	288.12	194.30	179.07	15.23	12.759	
2,600.00	2,563.74	2,601.17	2,570.40	7.92	7.62	-130.30	-48.34	305.15	203.75	188.25	15.50	13.142	
2,700.00	2,661.96	2,700.69	2,668.42	8.07	7.76	-129.56	-50.61	322.18	213.25	197.44	15.80	13.493	
2,800.00	2,760.18	2,800.20	2,766.44	8.24	7.92	-128.88	-52.88	339.20	222.78	206.65	16.13	13.813	
2,900.00	2,858.41	2,900.29	2,864.46	8.42	8.08	-128.26	-55.15	356.23	232.33	215.86	16.47	14.102	
3,000.00	2,956.63	3,000.78	2,962.47	8.61	8.26	-127.69	-57.43	373.26	241.91	225.07	16.84	14.363	
3,100.00	3,054.85	3,101.27	3,060.49	8.81	8.45	-127.16	-59.70	390.28	251.51	234.28	17.23	14.596	
3,200.00	3,153.07	3,201.75	3,158.51	9.02	8.65	-126.67	-61.97	407.31	261.13	243.50	17.64	14.805	
3,300.00	3,251.30	3,302.24	3,256.53	9.24	8.86	-126.22	-64.24	424.34	270.77	252.71	18.06	14.991	
3,400.00	3,349.52	3,402.73	3,354.55	9.47	9.07	-125.79	-66.51	441.36	280.43	261.93	18.50	15.156	
3,500.00	3,447.74	3,503.22	3,452.57	9.71	9.30	-125.40	-68.79	458.39	290.10	271.14	18.96	15.302	
3,600.00	3,545.96	3,603.70	3,550.58	9.95	9.53	-125.03	-71.06	475.42	299.78	280.35	19.43	15.431	
3,700.00	3,644.18	3,704.19	3,648.60	10.21	9.77	-124.68	-73.33	492.44	309.47	289.56	19.91	15.544	
3,800.00	3,742.41	3,804.68	3,746.62	10.46	10.01	-124.36	-75.60	509.47	319.18	298.77	20.40	15.642	
3,900.00	3,840.63	3,905.17	3,844.64	10.73	10.26	-124.05	-77.87	526.50	328.89	307.98	20.91	15.728	
4,000.00	3,938.85	4,005.66	3,942.66	11.00	10.52	-123.76	-80.15	543.52	338.61	317.19	21.43	15.803	
4,100.00	4,037.07	4,106.14	4,040.68	11.27	10.78	-123.49	-82.42	560.55	348.34	326.39	21.95	15.867	
4,200.00	4,135.30	4,206.63	4,138.70	11.55	11.04	-123.23	-84.69	577.58	358.08	335.59	22.49	15.923	
4,300.00	4,233.52	4,307.12	4,236.71	11.83	11.31	-122.99	-86.96	594.60	367.83	344.79	23.03	15.970	
4,400.00	4,331.74	4,407.61	4,334.73	12.12	11.59	-122.75	-89.23	611.63	377.58	353.99	23.58	16.009	
4,500.00	4,429.96	4,508.10	4,432.75	12.41	11.86	-122.53	-91.50	628.66	387.33	363.19	24.14	16.043	
4,600.00	4,528.18	4,608.58	4,530.77	12.71	12.14	-122.33	-93.78	645.68	397.10	372.39	24.71	16.070	
4,700.00	4,626.41	4,709.07	4,628.79	13.01	12.43	-122.13	-96.05	662.71	406.86	381.58	25.28	16.093	
4,800.00	4,724.63	4,809.56	4,726.81	13.31	12.71	-121.94	-98.32	679.73	416.63	390.77	25.86	16.111	
4,900.00	4,822.85	4,889.95	4,824.82	13.61	12.94	-121.76	-100.59	696.76	426.41	400.02	26.39	16.160	
5,000.00	4,921.07	4,989.47	4,922.84	13.92	13.23	-121.58	-102.86	713.79	436.19	409.22	26.97	16.172	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,019.30	5,088.98	5,020.86	14.23	13.52	-121.42	-105.14	730.81	445.97	418.41	27.56	16.180	
5,200.00	5,117.52	5,188.49	5,118.88	14.54	13.82	-121.26	-107.41	747.84	455.76	427.60	28.16	16.186	
5,300.00	5,215.74	5,288.00	5,216.90	14.86	14.11	-121.11	-109.68	764.87	465.55	436.79	28.76	16.189	
5,400.00	5,313.96	5,387.51	5,314.92	15.17	14.41	-120.96	-111.95	781.89	475.35	445.99	29.36	16.190	
5,500.00	5,412.18	5,487.03	5,412.93	15.49	14.71	-120.82	-114.22	798.92	485.14	455.17	29.97	16.189	
5,600.00	5,510.41	5,586.54	5,510.95	15.81	15.01	-120.69	-116.50	815.95	494.94	464.36	30.58	16.186	
5,700.00	5,608.63	5,686.05	5,608.97	16.13	15.32	-120.56	-118.77	832.97	504.74	473.55	31.19	16.181	
5,800.00	5,706.85	5,785.56	5,706.99	16.46	15.62	-120.44	-121.04	850.00	514.55	482.74	31.81	16.176	
5,900.00	5,805.07	5,885.08	5,805.01	16.78	15.93	-120.32	-123.31	867.03	524.35	491.92	32.43	16.169	
6,000.00	5,903.29	5,984.59	5,903.03	17.11	16.24	-120.20	-125.58	884.05	534.16	501.11	33.05	16.161	
6,100.00	6,001.52	6,084.10	6,001.05	17.44	16.54	-120.09	-127.85	901.08	543.97	510.30	33.68	16.152	
6,200.00	6,099.74	6,183.61	6,099.06	17.76	16.86	-119.99	-130.13	918.11	553.79	519.48	34.31	16.142	
6,300.00	6,197.96	6,283.12	6,197.08	18.09	17.17	-119.88	-132.40	935.13	563.60	528.66	34.94	16.132	
6,400.00	6,296.18	6,382.64	6,295.10	18.43	17.48	-119.78	-134.67	952.16	573.42	537.85	35.57	16.121	
6,500.00	6,394.41	6,482.15	6,393.12	18.76	17.79	-119.69	-136.94	969.19	583.24	547.03	36.21	16.109	
6,600.00	6,492.63	6,581.66	6,491.14	19.09	18.11	-119.59	-139.21	986.21	593.06	556.21	36.84	16.097	
6,700.00	6,590.85	6,681.17	6,589.16	19.43	18.42	-119.50	-141.49	1,003.24	602.88	565.40	37.48	16.085	
6,800.00	6,689.07	6,768.11	6,673.85	19.76	18.73	-119.01	-143.42	1,022.49	613.60	575.48	38.11	16.099	
6,900.00	6,787.26	6,850.36	6,750.89	20.10	19.09	-112.84	-145.12	1,051.08	626.84	588.03	38.82	16.148	
7,000.00	6,883.33	6,929.83	6,821.24	20.48	19.52	-95.40	-146.60	1,087.91	640.97	601.39	39.58	16.193	
7,100.00	6,974.38	7,007.79	6,885.27	20.94	19.99	-87.06	-147.89	1,132.28	654.41	614.00	40.42	16.192	
7,200.00	7,058.15	7,084.61	6,942.60	21.48	20.52	-82.01	-148.97	1,183.32	666.63	625.30	41.33	16.131	
7,300.00	7,132.58	7,160.57	6,992.84	22.09	21.11	-78.65	-149.85	1,240.23	677.17	634.85	42.32	16.002	
7,400.00	7,195.84	7,235.94	7,035.65	22.78	21.75	-76.38	-150.51	1,302.21	685.69	642.28	43.41	15.795	
7,500.00	7,246.38	7,310.98	7,070.71	23.55	22.45	-74.94	-150.97	1,368.50	691.93	647.31	44.62	15.507	
7,600.00	7,282.95	7,385.90	7,097.69	24.40	23.19	-74.20	-151.20	1,438.35	695.71	649.75	45.96	15.139	
7,700.00	7,304.64	7,460.92	7,116.31	25.31	23.98	-74.07	-151.22	1,510.98	696.95	649.53	47.42	14.698	
7,800.00	7,310.97	7,536.27	7,126.28	26.27	24.80	-74.52	-151.02	1,585.62	695.69	646.68	49.01	14.195	
7,860.98	7,310.69	7,582.58	7,128.01	26.89	25.31	-74.68	-150.78	1,631.89	695.05	645.04	50.01	13.898	
7,900.00	7,310.51	7,620.51	7,127.85	27.29	25.74	-74.68	-150.55	1,669.82	695.10	644.28	50.82	13.678	
8,000.00	7,310.05	7,720.51	7,127.40	28.38	26.91	-74.68	-149.95	1,769.82	695.26	642.21	53.05	13.106	
8,100.00	7,309.59	7,820.51	7,126.96	29.52	28.13	-74.69	-149.34	1,869.81	695.42	640.03	55.38	12.557	
8,200.00	7,309.13	7,920.51	7,126.51	30.72	29.39	-74.69	-148.73	1,969.81	695.57	637.76	57.81	12.032	
8,300.00	7,308.67	8,020.51	7,126.06	31.97	30.70	-74.70	-148.13	2,069.81	695.73	635.41	60.31	11.535	
8,400.00	7,308.21	8,120.51	7,125.62	33.25	32.04	-74.70	-147.52	2,169.81	695.88	632.99	62.89	11.065	
8,500.00	7,307.75	8,220.51	7,125.17	34.57	33.41	-74.71	-146.91	2,269.80	696.04	630.51	65.53	10.622	
8,600.00	7,307.29	8,320.51	7,124.73	35.92	34.81	-74.71	-146.30	2,369.80	696.20	627.97	68.22	10.205	
8,700.00	7,306.83	8,420.51	7,124.28	37.30	36.23	-74.72	-145.70	2,469.80	696.35	625.39	70.97	9.812	
8,800.00	7,306.37	8,520.51	7,123.83	38.70	37.67	-74.72	-145.09	2,569.79	696.51	622.76	73.75	9.444	
8,900.00	7,305.91	8,620.51	7,123.39	40.12	39.13	-74.73	-144.48	2,669.79	696.66	620.09	76.58	9.097	
9,000.00	7,305.45	8,720.51	7,122.94	41.56	40.60	-74.73	-143.88	2,769.79	696.82	617.38	79.44	8.772	
9,100.00	7,304.99	8,820.51	7,122.49	43.02	42.09	-74.74	-143.27	2,869.78	696.98	614.65	82.33	8.466	
9,200.00	7,304.53	8,920.51	7,122.05	44.50	43.60	-74.74	-142.66	2,969.78	697.13	611.89	85.25	8.178	
9,300.00	7,304.07	9,020.51	7,121.60	45.99	45.11	-74.74	-142.05	3,069.78	697.29	609.10	88.19	7.907	
9,400.00	7,303.61	9,120.51	7,121.16	47.49	46.64	-74.75	-141.45	3,169.78	697.44	606.29	91.15	7.651	
9,500.00	7,303.15	9,220.51	7,120.71	49.00	48.18	-74.75	-140.84	3,269.77	697.60	603.46	94.14	7.410	
9,600.00	7,302.69	9,320.51	7,120.26	50.52	49.72	-74.76	-140.23	3,369.77	697.76	600.61	97.14	7.183	
9,700.00	7,302.23	9,420.51	7,119.82	52.06	51.28	-74.76	-139.63	3,469.77	697.91	597.75	100.16	6.968	
9,800.00	7,301.77	9,520.51	7,119.37	53.60	52.84	-74.77	-139.02	3,569.76	698.07	594.87	103.20	6.764	
9,900.00	7,301.31	9,620.51	7,118.92	55.14	54.40	-74.77	-138.41	3,669.76	698.23	591.97	106.25	6.571	
10,000.00	7,300.85	9,720.51	7,118.48	56.70	55.98	-74.78	-137.80	3,769.76	698.38	589.07	109.31	6.389	
10,100.00	7,300.39	9,820.51	7,118.03	58.26	57.56	-74.78	-137.20	3,869.75	698.54	586.15	112.39	6.215	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,299.93	9,920.51	7,117.58	59.83	59.14	-74.79	-136.59	3,969.75	698.69	583.22	115.48	6.051	
10,300.00	7,299.47	10,020.51	7,117.14	61.40	60.73	-74.79	-135.98	4,069.75	698.85	580.28	118.57	5.894	
10,400.00	7,299.01	10,120.51	7,116.69	62.98	62.32	-74.80	-135.37	4,169.75	699.01	577.33	121.68	5.745	
10,500.00	7,298.55	10,220.51	7,116.25	64.57	63.92	-74.80	-134.77	4,269.74	699.16	574.37	124.79	5.603	
10,600.00	7,298.09	10,320.51	7,115.80	66.15	65.52	-74.80	-134.16	4,369.74	699.32	571.41	127.91	5.467	
10,700.00	7,297.63	10,420.51	7,115.35	67.75	67.12	-74.81	-133.55	4,469.74	699.47	568.43	131.04	5.338	
10,800.00	7,297.17	10,520.51	7,114.91	69.34	68.73	-74.81	-132.95	4,569.73	699.63	565.45	134.18	5.214	
10,900.00	7,296.71	10,620.51	7,114.46	70.94	70.34	-74.82	-132.34	4,669.73	699.79	562.47	137.32	5.096	
11,000.00	7,296.25	10,720.51	7,114.01	72.55	71.96	-74.82	-131.73	4,769.73	699.94	559.47	140.47	4.983	
11,100.00	7,295.79	10,820.51	7,113.57	74.15	73.57	-74.83	-131.12	4,869.73	700.10	556.48	143.62	4.875	
11,200.00	7,295.33	10,920.51	7,113.12	75.76	75.19	-74.83	-130.52	4,969.72	700.26	553.47	146.78	4.771	
11,300.00	7,294.87	11,020.51	7,112.68	77.37	76.81	-74.84	-129.91	5,069.72	700.41	550.46	149.95	4.671	
11,400.00	7,294.41	11,120.51	7,112.23	78.99	78.44	-74.84	-129.30	5,169.72	700.57	547.45	153.12	4.575	
11,500.00	7,293.95	11,220.51	7,111.78	80.60	80.06	-74.85	-128.70	5,269.71	700.72	544.43	156.29	4.484	
11,600.00	7,293.49	11,320.51	7,111.34	82.22	81.69	-74.85	-128.09	5,369.71	700.88	541.41	159.47	4.395	
11,700.00	7,293.03	11,420.51	7,110.89	83.84	83.32	-74.86	-127.48	5,469.71	701.04	538.39	162.65	4.310	
11,800.00	7,292.57	11,520.51	7,110.44	85.47	84.95	-74.86	-126.87	5,569.70	701.19	535.36	165.83	4.228	
11,900.00	7,292.11	11,620.51	7,110.00	87.09	86.58	-74.87	-126.27	5,669.70	701.35	532.33	169.02	4.149	
12,000.00	7,291.65	11,720.51	7,109.55	88.72	88.21	-74.87	-125.66	5,769.70	701.51	529.29	172.21	4.073	
12,100.00	7,291.19	11,820.51	7,109.10	90.34	89.85	-74.87	-125.05	5,869.70	701.66	526.25	175.41	4.000	
12,200.00	7,290.73	11,920.51	7,108.66	91.97	91.48	-74.88	-124.45	5,969.69	701.82	523.21	178.60	3.929	
12,300.00	7,290.27	12,020.51	7,108.21	93.61	93.12	-74.88	-123.84	6,069.69	701.97	520.17	181.81	3.861	
12,400.00	7,289.81	12,120.51	7,107.77	95.24	94.76	-74.89	-123.23	6,169.69	702.13	517.12	185.01	3.795	
12,500.00	7,289.35	12,220.51	7,107.32	96.87	96.40	-74.89	-122.62	6,269.68	702.29	514.07	188.21	3.731	
12,600.00	7,288.89	12,320.51	7,106.87	98.51	98.04	-74.90	-122.02	6,369.68	702.44	511.02	191.42	3.670	
12,700.00	7,288.43	12,420.51	7,106.43	100.15	99.68	-74.90	-121.41	6,469.68	702.60	507.97	194.63	3.610	
12,800.00	7,287.97	12,520.51	7,105.98	101.78	101.33	-74.91	-120.80	6,569.67	702.76	504.91	197.84	3.552	
12,900.00	7,287.51	12,620.51	7,105.53	103.42	102.97	-74.91	-120.20	6,669.67	702.91	501.85	201.06	3.496	
13,000.00	7,287.05	12,720.51	7,105.09	105.06	104.62	-74.92	-119.59	6,769.67	703.07	498.79	204.27	3.442	
13,100.00	7,286.59	12,820.51	7,104.64	106.70	106.26	-74.92	-118.98	6,869.67	703.22	495.73	207.49	3.389	
13,200.00	7,286.13	12,920.51	7,104.20	108.34	107.91	-74.92	-118.37	6,969.66	703.38	492.67	210.71	3.338	
13,300.00	7,285.67	13,020.51	7,103.75	109.99	109.55	-74.93	-117.77	7,069.66	703.54	489.60	213.93	3.289	
13,400.00	7,285.21	13,120.51	7,103.30	111.63	111.20	-74.93	-117.16	7,169.66	703.69	486.54	217.16	3.240	
13,500.00	7,284.75	13,220.51	7,102.86	113.28	112.85	-74.94	-116.55	7,269.65	703.85	483.47	220.38	3.194	
13,600.00	7,284.29	13,320.51	7,102.41	114.92	114.50	-74.94	-115.95	7,369.65	704.01	480.40	223.61	3.148	
13,700.00	7,283.83	13,420.51	7,101.96	116.57	116.15	-74.95	-115.34	7,469.65	704.16	477.33	226.84	3.104	
13,800.00	7,283.37	13,520.51	7,101.52	118.21	117.80	-74.95	-114.73	7,569.64	704.32	474.25	230.06	3.061	
13,900.00	7,282.91	13,620.51	7,101.07	119.86	119.45	-74.96	-114.12	7,669.64	704.47	471.18	233.30	3.020	
14,000.00	7,282.45	13,720.51	7,100.63	121.51	121.11	-74.96	-113.52	7,769.64	704.63	468.10	236.53	2.979	
14,100.00	7,281.99	13,820.51	7,100.18	123.16	122.76	-74.97	-112.91	7,869.64	704.79	465.03	239.76	2.940	
14,200.00	7,281.53	13,920.51	7,099.73	124.81	124.41	-74.97	-112.30	7,969.63	704.94	461.95	242.99	2.901	
14,300.00	7,281.07	14,020.51	7,099.29	126.46	126.06	-74.98	-111.69	8,069.63	705.10	458.87	246.23	2.864	
14,400.00	7,280.61	14,120.51	7,098.84	128.11	127.72	-74.98	-111.09	8,169.63	705.26	455.79	249.47	2.827	
14,500.00	7,280.15	14,220.51	7,098.39	129.76	129.37	-74.98	-110.48	8,269.62	705.41	452.71	252.70	2.791	
14,600.00	7,279.69	14,320.51	7,097.95	131.41	131.03	-74.99	-109.87	8,369.62	705.57	449.63	255.94	2.757	
14,700.00	7,279.23	14,420.51	7,097.50	133.07	132.68	-74.99	-109.27	8,469.62	705.73	446.54	259.18	2.723	
14,800.00	7,278.77	14,520.51	7,097.05	134.72	134.34	-75.00	-108.66	8,569.62	705.88	443.46	262.42	2.690	
14,900.00	7,278.31	14,620.51	7,096.61	136.37	135.99	-75.00	-108.05	8,669.61	706.04	440.37	265.66	2.658	
15,000.00	7,277.85	14,720.51	7,096.16	138.03	137.65	-75.01	-107.44	8,769.61	706.19	437.29	268.91	2.626	
15,100.00	7,277.39	14,820.51	7,095.72	139.68	139.31	-75.01	-106.84	8,869.61	706.35	434.20	272.15	2.595	
15,200.00	7,276.93	14,920.50	7,095.27	141.33	140.97	-75.02	-106.23	8,969.60	706.51	431.11	275.39	2.565	
15,300.00	7,276.47	15,020.50	7,094.82	142.99	142.62	-75.02	-105.62	9,069.60	706.66	428.02	278.64	2.536	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,400.00	7,276.01	15,120.50	7,094.38	144.65	144.28	-75.03	-105.02	9,169.60	706.82	424.94	281.88	2.507	
15,500.00	7,275.55	15,220.50	7,093.93	146.30	145.94	-75.03	-104.41	9,269.59	706.98	421.85	285.13	2.479	
15,600.00	7,275.09	15,320.50	7,093.48	147.96	147.60	-75.03	-103.80	9,369.59	707.13	418.75	288.38	2.452	
15,700.00	7,274.63	15,420.50	7,093.04	149.61	149.26	-75.04	-103.19	9,469.59	707.29	415.66	291.63	2.425	
15,800.00	7,274.17	15,520.50	7,092.59	151.27	150.92	-75.04	-102.59	9,569.59	707.45	412.57	294.87	2.399	
15,900.00	7,273.71	15,620.50	7,092.15	152.93	152.57	-75.05	-101.98	9,669.58	707.60	409.48	298.12	2.374	
16,000.00	7,273.25	15,720.50	7,091.70	154.59	154.23	-75.05	-101.37	9,769.58	707.76	406.38	301.37	2.348	
16,100.00	7,272.79	15,820.50	7,091.25	156.24	155.89	-75.06	-100.77	9,869.58	707.92	403.29	304.62	2.324	
16,200.00	7,272.33	15,920.50	7,090.81	157.90	157.55	-75.06	-100.16	9,969.57	708.07	400.20	307.88	2.300	
16,300.00	7,271.87	16,020.50	7,090.36	159.56	159.22	-75.07	-99.55	10,069.57	708.23	397.10	311.13	2.276	
16,400.00	7,271.41	16,120.50	7,089.91	161.22	160.88	-75.07	-98.94	10,169.57	708.38	394.00	314.38	2.253	
16,500.00	7,270.95	16,220.50	7,089.47	162.88	162.54	-75.07	-98.34	10,269.56	708.54	390.91	317.63	2.231	
16,600.00	7,270.49	16,320.50	7,089.02	164.54	164.20	-75.08	-97.73	10,369.56	708.70	387.81	320.89	2.209	
16,700.00	7,270.03	16,420.50	7,088.57	166.20	165.86	-75.08	-97.12	10,469.56	708.85	384.71	324.14	2.187	
16,800.00	7,269.57	16,520.50	7,088.13	167.86	167.52	-75.09	-96.52	10,569.56	709.01	381.61	327.40	2.166	
16,900.00	7,269.11	16,620.50	7,087.68	169.52	169.18	-75.09	-95.91	10,669.55	709.17	378.52	330.65	2.145	
17,000.00	7,268.65	16,720.50	7,087.24	171.18	170.85	-75.10	-95.30	10,769.55	709.32	375.42	333.91	2.124	
17,100.00	7,268.19	16,820.50	7,086.79	172.84	172.51	-75.10	-94.69	10,869.55	709.48	372.32	337.16	2.104	
17,200.00	7,267.73	16,920.50	7,086.34	174.50	174.17	-75.11	-94.09	10,969.54	709.64	369.22	340.42	2.085	
17,300.00	7,267.27	17,020.50	7,085.90	176.16	175.83	-75.11	-93.48	11,069.54	709.79	366.12	343.68	2.065	
17,400.00	7,266.81	17,120.50	7,085.45	177.82	177.49	-75.12	-92.87	11,169.54	709.95	363.01	346.93	2.046	
17,500.00	7,266.35	17,220.50	7,085.00	179.48	179.16	-75.12	-92.27	11,269.53	710.11	359.91	350.19	2.028	
17,600.00	7,265.89	17,320.50	7,084.56	181.14	180.82	-75.12	-91.66	11,369.53	710.26	356.81	353.45	2.010	
17,700.00	7,265.43	17,420.50	7,084.11	182.81	182.48	-75.13	-91.05	11,469.53	710.42	353.71	356.71	1.992	
17,800.00	7,264.97	17,520.50	7,083.67	184.47	184.15	-75.13	-90.44	11,569.53	710.57	350.61	359.97	1.974	
17,893.49	7,264.54	17,613.99	7,083.25	186.02	185.70	-75.14	-89.88	11,663.01	710.72	347.70	363.02	1.958 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	0.36	-39.81	39.81				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.36	-39.81	39.81	32.29	7.53	5.288	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.36	-39.81	39.81	32.24	7.57	5.257	
300.00	299.98	301.34	301.32	3.35	3.35	142.30	-0.19	-38.11	39.50	31.84	7.65	5.161	
400.00	399.84	402.65	402.48	3.41	3.41	144.84	-1.85	-33.00	38.59	30.83	7.76	4.971	
500.00	499.45	503.91	503.34	3.49	3.50	149.32	-4.61	-24.50	37.26	29.35	7.91	4.709	
600.00	598.70	605.09	603.74	3.61	3.62	156.06	-8.47	-12.62	35.81	27.71	8.10	4.422	
700.00	697.47	705.97	703.35	3.77	3.78	165.33	-13.39	2.53	34.77	26.44	8.33	4.175	
705.11	702.49	711.07	708.37	3.78	3.79	165.86	-13.66	3.35	34.77	26.43	8.34	4.167 CC, ES	
800.00	795.74	805.75	801.67	3.96	3.97	175.73	-18.64	18.68	36.34	27.71	8.64	4.208	
900.00	893.96	905.52	899.99	4.19	4.19	-175.04	-23.89	34.83	39.29	30.29	9.00	4.366	
1,000.00	992.19	1,005.29	998.30	4.45	4.43	-167.27	-29.14	50.98	43.11	33.69	9.42	4.578	
1,100.00	1,090.41	1,105.06	1,096.62	4.73	4.70	-160.85	-34.38	67.13	47.58	37.70	9.89	4.813	
1,200.00	1,188.63	1,204.83	1,194.93	5.03	4.97	-155.59	-39.63	83.28	52.55	42.15	10.40	5.052	
1,300.00	1,286.85	1,304.60	1,293.25	5.34	5.26	-151.26	-44.88	99.44	57.88	46.93	10.96	5.284	
1,400.00	1,385.07	1,404.37	1,391.56	5.67	5.57	-147.68	-50.13	115.59	63.49	51.95	11.54	5.501	
1,500.00	1,483.30	1,504.14	1,489.88	6.00	5.88	-144.69	-55.38	131.74	69.30	57.15	12.15	5.702	
1,600.00	1,581.52	1,603.92	1,588.19	6.35	6.20	-142.17	-60.62	147.89	75.28	62.49	12.79	5.887	
1,700.00	1,679.74	1,703.69	1,686.51	6.70	6.53	-140.02	-65.87	164.04	81.37	67.93	13.44	6.055	
1,800.00	1,777.96	1,803.46	1,784.82	7.06	6.86	-138.17	-71.12	180.19	87.57	73.47	14.10	6.210	
1,900.00	1,876.19	1,903.23	1,883.14	7.26	7.04	-136.57	-76.37	196.34	93.84	79.74	14.10	6.655	
2,000.00	1,974.41	2,003.00	1,981.45	7.31	7.08	-135.17	-81.61	212.49	100.18	85.97	14.21	7.050	
2,100.00	2,072.63	2,102.77	2,079.77	7.37	7.13	-133.93	-86.86	228.64	106.57	92.22	14.35	7.428	
2,200.00	2,170.85	2,202.54	2,178.08	7.45	7.21	-132.84	-92.11	244.79	113.00	98.49	14.51	7.786	
2,300.00	2,269.07	2,302.31	2,276.40	7.54	7.29	-131.87	-97.36	260.94	119.48	104.77	14.71	8.123	
2,400.00	2,367.30	2,402.08	2,374.71	7.65	7.40	-130.99	-102.61	277.09	125.98	111.05	14.93	8.438	
2,500.00	2,465.52	2,501.85	2,473.03	7.78	7.51	-130.20	-107.85	293.25	132.50	117.33	15.18	8.730	
2,600.00	2,563.74	2,601.62	2,571.34	7.92	7.64	-129.49	-113.10	309.40	139.05	123.60	15.45	8.999	
2,700.00	2,661.96	2,701.40	2,669.66	8.07	7.79	-128.84	-118.35	325.55	145.62	129.87	15.75	9.245	
2,800.00	2,760.18	2,801.17	2,767.97	8.24	7.94	-128.24	-123.60	341.70	152.21	136.14	16.07	9.469	
2,900.00	2,858.41	2,900.94	2,866.29	8.42	8.11	-127.70	-128.84	357.85	158.81	142.39	16.42	9.673	
3,000.00	2,956.63	3,000.71	2,964.60	8.61	8.28	-127.20	-134.09	374.00	165.43	148.64	16.78	9.856	
3,100.00	3,054.85	3,100.48	3,062.92	8.81	8.47	-126.74	-139.34	390.15	172.06	154.89	17.17	10.021	
3,200.00	3,153.07	3,200.25	3,161.23	9.02	8.67	-126.31	-144.59	406.30	178.69	161.12	17.57	10.169	
3,300.00	3,251.30	3,300.02	3,259.55	9.24	8.88	-125.91	-149.84	422.45	185.34	167.35	17.99	10.300	
3,400.00	3,349.52	3,399.79	3,357.86	9.47	9.09	-125.54	-155.08	438.60	191.99	173.56	18.43	10.417	
3,500.00	3,447.74	3,500.44	3,456.18	9.71	9.31	-125.19	-160.33	454.75	198.66	179.77	18.88	10.520	
3,600.00	3,545.96	3,600.67	3,554.49	9.95	9.54	-124.87	-165.58	470.90	205.32	185.97	19.35	10.611	
3,700.00	3,644.18	3,700.90	3,652.81	10.21	9.78	-124.57	-170.83	487.05	212.00	192.17	19.83	10.691	
3,800.00	3,742.41	3,801.12	3,751.12	10.46	10.02	-124.28	-176.07	503.21	218.68	198.36	20.32	10.760	
3,900.00	3,840.63	3,901.35	3,849.44	10.73	10.27	-124.02	-181.32	519.36	225.36	204.54	20.83	10.821	
4,000.00	3,938.85	4,001.58	3,947.75	11.00	10.53	-123.77	-186.57	535.51	232.05	210.72	21.34	10.874	
4,100.00	4,037.07	4,101.81	4,046.07	11.27	10.79	-123.53	-191.82	551.66	238.75	216.89	21.86	10.920	
4,200.00	4,135.30	4,197.96	4,144.39	11.55	11.04	-123.30	-197.06	567.81	245.45	223.06	22.39	10.965	
4,300.00	4,233.52	4,302.27	4,242.70	11.83	11.32	-123.09	-202.31	583.96	252.15	229.21	22.94	10.993	
4,400.00	4,331.74	4,402.50	4,341.02	12.12	11.59	-122.89	-207.56	600.11	258.85	235.37	23.49	11.022	
4,500.00	4,429.96	4,502.73	4,439.33	12.41	11.87	-122.70	-212.81	616.26	265.56	241.52	24.04	11.046	
4,600.00	4,528.18	4,602.96	4,537.65	12.71	12.15	-122.51	-218.06	632.41	272.27	247.67	24.60	11.066	
4,700.00	4,626.41	4,703.19	4,635.96	13.01	12.43	-122.34	-223.30	648.56	278.99	253.81	25.17	11.082	
4,800.00	4,724.63	4,796.58	4,734.28	13.31	12.70	-122.18	-228.55	664.71	285.70	259.97	25.73	11.104	
4,900.00	4,822.85	4,903.64	4,832.59	13.61	13.01	-122.02	-233.80	680.86	292.42	266.09	26.33	11.106	
5,000.00	4,921.07	5,003.87	4,930.91	13.92	13.30	-121.87	-239.05	697.02	299.14	272.22	26.92	11.113	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,019.30	5,104.10	5,029.22	14.23	13.59	-121.72	-244.29	713.17	305.86	278.35	27.51	11.119	
5,200.00	5,117.52	5,204.33	5,127.54	14.54	13.89	-121.59	-249.54	729.32	312.59	284.48	28.10	11.123	
5,300.00	5,215.74	5,304.56	5,225.85	14.86	14.19	-121.45	-254.79	745.47	319.31	290.61	28.70	11.125	
5,400.00	5,313.96	5,404.79	5,324.17	15.17	14.49	-121.33	-260.04	761.62	326.04	296.73	29.31	11.125	
5,500.00	5,412.18	5,505.02	5,422.48	15.49	14.79	-121.21	-265.29	777.77	332.77	302.85	29.91	11.124	
5,600.00	5,510.41	5,605.25	5,520.80	15.81	15.09	-121.09	-270.53	793.92	339.50	308.97	30.53	11.122	
5,700.00	5,608.63	5,705.48	5,619.11	16.13	15.40	-120.98	-275.78	810.07	346.23	315.09	31.14	11.118	
5,800.00	5,706.85	5,805.71	5,717.43	16.46	15.71	-120.87	-281.03	826.22	352.96	321.20	31.76	11.114	
5,900.00	5,805.07	5,905.94	5,815.74	16.78	16.02	-120.77	-286.28	842.37	359.70	327.32	32.38	11.109	
6,000.00	5,903.29	6,006.16	5,914.06	17.11	16.33	-120.67	-291.52	858.52	366.43	333.43	33.00	11.103	
6,100.00	6,001.52	6,106.39	6,012.37	17.44	16.64	-120.57	-296.77	874.67	373.17	339.54	33.63	11.097	
6,200.00	6,099.74	6,206.62	6,110.69	17.76	16.95	-120.48	-302.02	890.82	379.90	345.65	34.26	11.090	
6,300.00	6,197.96	6,306.85	6,209.00	18.09	17.27	-120.39	-307.27	906.98	386.64	351.76	34.89	11.083	
6,400.00	6,296.18	6,407.08	6,307.32	18.43	17.58	-120.30	-312.52	923.13	393.38	357.86	35.52	11.075	
6,500.00	6,394.41	6,507.31	6,405.63	18.76	17.90	-120.22	-317.76	939.28	400.12	363.97	36.16	11.067	
6,600.00	6,492.63	6,592.46	6,503.95	19.09	18.17	-120.14	-323.01	955.43	406.86	370.12	36.75	11.072	
6,700.00	6,590.85	6,692.23	6,602.26	19.43	18.48	-120.06	-328.26	971.58	413.60	376.22	37.38	11.064	
6,800.00	6,689.07	6,788.50	6,696.97	19.76	18.80	-119.87	-333.31	988.03	420.50	382.48	38.02	11.060	
6,900.00	6,787.26	6,877.16	6,781.87	20.10	19.15	-113.71	-337.84	1,012.91	429.32	390.57	38.76	11.077	
7,000.00	6,883.33	6,963.42	6,860.39	20.48	19.56	-96.38	-342.01	1,048.22	439.06	399.49	39.57	11.095	
7,100.00	6,974.38	7,048.17	6,932.19	20.94	20.04	-88.14	-345.82	1,092.95	448.37	407.92	40.46	11.082	
7,200.00	7,058.15	7,131.71	6,996.57	21.48	20.58	-83.20	-349.22	1,146.00	456.85	415.44	41.41	11.032	
7,300.00	7,132.58	7,214.34	7,052.87	22.09	21.18	-79.93	-352.19	1,206.32	464.15	421.71	42.44	10.937	
7,400.00	7,195.84	7,296.30	7,100.56	22.78	21.84	-77.75	-354.69	1,272.87	470.00	426.44	43.55	10.792	
7,500.00	7,246.38	7,377.86	7,139.15	23.55	22.57	-76.38	-356.70	1,344.63	474.18	429.41	44.78	10.590	
7,600.00	7,282.95	7,459.23	7,168.21	24.40	23.34	-75.68	-358.19	1,420.55	476.58	430.46	46.12	10.334	
7,700.00	7,304.64	7,540.64	7,187.38	25.31	24.17	-75.60	-359.16	1,499.62	477.13	429.54	47.59	10.026	
7,800.00	7,310.97	7,622.33	7,196.34	26.27	25.03	-76.06	-359.57	1,580.76	475.86	426.67	49.19	9.674	
7,900.00	7,310.51	7,715.28	7,196.71	27.29	26.05	-76.15	-359.52	1,673.70	475.24	424.11	51.13	9.295	
8,000.00	7,310.05	7,815.28	7,196.24	28.38	27.20	-76.14	-359.42	1,773.70	474.92	421.55	53.37	8.899	
8,100.00	7,309.59	7,915.28	7,195.76	29.52	28.41	-76.12	-359.32	1,873.69	474.59	418.88	55.71	8.520	
8,200.00	7,309.13	8,015.28	7,195.29	30.72	29.66	-76.11	-359.22	1,973.69	474.26	416.13	58.14	8.157	
8,300.00	7,308.67	8,115.28	7,194.81	31.97	30.96	-76.10	-359.11	2,073.69	473.94	413.29	60.65	7.814	
8,400.00	7,308.21	8,215.28	7,194.34	33.25	32.29	-76.09	-359.01	2,173.69	473.61	410.38	63.24	7.490	
8,500.00	7,307.75	8,315.28	7,193.86	34.57	33.65	-76.08	-358.91	2,273.69	473.29	407.41	65.88	7.184	
8,600.00	7,307.29	8,415.28	7,193.39	35.92	35.04	-76.07	-358.81	2,373.68	472.96	404.38	68.58	6.896	
8,700.00	7,306.83	8,515.28	7,192.91	37.30	36.45	-76.05	-358.70	2,473.68	472.64	401.30	71.33	6.626	
8,800.00	7,306.37	8,615.28	7,192.44	38.70	37.88	-76.04	-358.60	2,573.68	472.31	398.19	74.13	6.372	
8,900.00	7,305.91	8,715.28	7,191.96	40.12	39.34	-76.03	-358.50	2,673.68	471.99	395.03	76.96	6.133	
9,000.00	7,305.45	8,815.28	7,191.48	41.56	40.81	-76.02	-358.40	2,773.68	471.66	391.84	79.82	5.909	
9,100.00	7,304.99	8,915.28	7,191.01	43.02	42.29	-76.01	-358.29	2,873.68	471.34	388.62	82.72	5.698	
9,200.00	7,304.53	9,015.28	7,190.53	44.50	43.79	-75.99	-358.19	2,973.67	471.01	385.37	85.64	5.500	
9,300.00	7,304.07	9,115.28	7,190.06	45.99	45.31	-75.98	-358.09	3,073.67	470.68	382.09	88.59	5.313	
9,400.00	7,303.61	9,215.27	7,189.58	47.49	46.83	-75.97	-357.99	3,173.67	470.36	378.80	91.56	5.137	
9,500.00	7,303.15	9,315.27	7,189.11	49.00	48.36	-75.96	-357.88	3,273.67	470.03	375.48	94.55	4.971	
9,600.00	7,302.69	9,415.27	7,188.63	50.52	49.90	-75.95	-357.78	3,373.67	469.71	372.15	97.56	4.815	
9,700.00	7,302.23	9,515.27	7,188.16	52.06	51.45	-75.94	-357.68	3,473.67	469.38	368.80	100.59	4.666	
9,800.00	7,301.77	9,615.27	7,187.68	53.60	53.01	-75.92	-357.58	3,573.66	469.06	365.43	103.63	4.526	
9,900.00	7,301.31	9,715.27	7,187.21	55.14	54.58	-75.91	-357.47	3,673.66	468.73	362.05	106.68	4.394	
10,000.00	7,300.85	9,815.27	7,186.73	56.70	56.15	-75.90	-357.37	3,773.66	468.41	358.66	109.75	4.268	
10,100.00	7,300.39	9,915.27	7,186.25	58.26	57.72	-75.89	-357.27	3,873.66	468.08	355.25	112.83	4.149	
10,200.00	7,299.93	10,015.27	7,185.78	59.83	59.30	-75.88	-357.17	3,973.66	467.76	351.84	115.92	4.035	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,299.47	10,115.27	7,185.30	61.40	60.89	-75.86	-357.06	4,073.65	467.43	348.42	119.02	3.927	
10,400.00	7,299.01	10,215.27	7,184.83	62.98	62.48	-75.85	-356.96	4,173.65	467.11	344.98	122.12	3.825	
10,500.00	7,298.55	10,315.27	7,184.35	64.57	64.08	-75.84	-356.86	4,273.65	466.78	341.54	125.24	3.727	
10,600.00	7,298.09	10,415.27	7,183.88	66.15	65.68	-75.83	-356.76	4,373.65	466.46	338.09	128.36	3.634	
10,700.00	7,297.63	10,515.27	7,183.40	67.75	67.28	-75.82	-356.65	4,473.65	466.13	334.64	131.50	3.545	
10,800.00	7,297.17	10,615.27	7,182.93	69.34	68.89	-75.80	-356.55	4,573.65	465.81	331.17	134.63	3.460	
10,900.00	7,296.71	10,715.27	7,182.45	70.94	70.50	-75.79	-356.45	4,673.64	465.48	327.70	137.78	3.379	
11,000.00	7,296.25	10,815.27	7,181.97	72.55	72.11	-75.78	-356.35	4,773.64	465.16	324.23	140.93	3.301	
11,100.00	7,295.79	10,915.26	7,181.50	74.15	73.72	-75.77	-356.24	4,873.64	464.83	320.75	144.08	3.226	
11,200.00	7,295.33	11,015.26	7,181.02	75.76	75.34	-75.76	-356.14	4,973.64	464.51	317.27	147.24	3.155	
11,300.00	7,294.87	11,115.26	7,180.55	77.37	76.96	-75.74	-356.04	5,073.64	464.18	313.78	150.40	3.086	
11,400.00	7,294.41	11,215.26	7,180.07	78.99	78.58	-75.73	-355.94	5,173.64	463.86	310.28	153.57	3.020	
11,500.00	7,293.95	11,315.26	7,179.60	80.60	80.21	-75.72	-355.84	5,273.63	463.53	306.79	156.75	2.957	
11,600.00	7,293.49	11,415.26	7,179.12	82.22	81.83	-75.71	-355.73	5,373.63	463.21	303.28	159.92	2.896	
11,700.00	7,293.03	11,515.26	7,178.65	83.84	83.46	-75.69	-355.63	5,473.63	462.88	299.78	163.10	2.838	
11,800.00	7,292.57	11,615.26	7,178.17	85.47	85.09	-75.68	-355.53	5,573.63	462.56	296.27	166.29	2.782	
11,900.00	7,292.11	11,715.26	7,177.70	87.09	86.72	-75.67	-355.43	5,673.63	462.23	292.76	169.47	2.727	
12,000.00	7,291.65	11,815.26	7,177.22	88.72	88.35	-75.66	-355.32	5,773.62	461.91	289.25	172.66	2.675	
12,100.00	7,291.19	11,915.26	7,176.74	90.34	89.99	-75.65	-355.22	5,873.62	461.58	285.73	175.85	2.625	
12,200.00	7,290.73	12,015.26	7,176.27	91.97	91.63	-75.63	-355.12	5,973.62	461.26	282.21	179.05	2.576	
12,300.00	7,290.27	12,115.26	7,175.79	93.61	93.26	-75.62	-355.02	6,073.62	460.93	278.69	182.24	2.529	
12,400.00	7,289.81	12,215.26	7,175.32	95.24	94.90	-75.61	-354.91	6,173.62	460.61	275.16	185.44	2.484	
12,500.00	7,289.35	12,315.26	7,174.84	96.87	96.54	-75.60	-354.81	6,273.62	460.28	271.64	188.65	2.440	
12,600.00	7,288.89	12,415.26	7,174.37	98.51	98.18	-75.58	-354.71	6,373.61	459.96	268.11	191.85	2.398	
12,700.00	7,288.43	12,515.26	7,173.89	100.15	99.82	-75.57	-354.61	6,473.61	459.64	264.58	195.05	2.356	
12,800.00	7,287.97	12,615.26	7,173.42	101.78	101.46	-75.56	-354.50	6,573.61	459.31	261.05	198.26	2.317	
12,900.00	7,287.51	12,715.25	7,172.94	103.42	103.11	-75.55	-354.40	6,673.61	458.99	257.51	201.47	2.278	
13,000.00	7,287.05	12,815.25	7,172.46	105.06	104.75	-75.53	-354.30	6,773.61	458.66	253.98	204.68	2.241	
13,100.00	7,286.59	12,915.25	7,171.99	106.70	106.40	-75.52	-354.20	6,873.61	458.34	250.44	207.89	2.205	
13,200.00	7,286.13	13,015.25	7,171.51	108.34	108.05	-75.51	-354.09	6,973.60	458.01	246.91	211.11	2.170	
13,300.00	7,285.67	13,115.25	7,171.04	109.99	109.69	-75.50	-353.99	7,073.60	457.69	243.37	214.32	2.136	
13,400.00	7,285.21	13,215.25	7,170.56	111.63	111.34	-75.48	-353.89	7,173.60	457.36	239.82	217.54	2.102	
13,500.00	7,284.75	13,315.25	7,170.09	113.28	112.99	-75.47	-353.79	7,273.60	457.04	236.28	220.76	2.070	
13,600.00	7,284.29	13,415.25	7,169.61	114.92	114.64	-75.46	-353.68	7,373.60	456.71	232.74	223.97	2.039	
13,700.00	7,283.83	13,515.25	7,169.14	116.57	116.29	-75.45	-353.58	7,473.59	456.39	229.20	227.19	2.009	
13,800.00	7,283.37	13,615.25	7,168.66	118.21	117.94	-75.43	-353.48	7,573.59	456.07	225.65	230.41	1.979	
13,900.00	7,282.91	13,715.25	7,168.19	119.86	119.59	-75.42	-353.38	7,673.59	455.74	222.10	233.64	1.951	
14,000.00	7,282.45	13,815.25	7,167.71	121.51	121.24	-75.41	-353.27	7,773.59	455.42	218.56	236.86	1.923	
14,100.00	7,281.99	13,915.25	7,167.23	123.16	122.89	-75.40	-353.17	7,873.59	455.09	215.01	240.08	1.896	
14,200.00	7,281.53	14,015.25	7,166.76	124.81	124.55	-75.38	-353.07	7,973.59	454.77	211.46	243.31	1.869	
14,300.00	7,281.07	14,115.25	7,166.28	126.46	126.20	-75.37	-352.97	8,073.58	454.44	207.91	246.53	1.843	
14,400.00	7,280.61	14,215.25	7,165.81	128.11	127.85	-75.36	-352.86	8,173.58	454.12	204.36	249.76	1.818	
14,500.00	7,280.15	14,315.25	7,165.33	129.76	129.51	-75.34	-352.76	8,273.58	453.80	200.81	252.99	1.794	
14,600.00	7,279.69	14,415.24	7,164.86	131.41	131.16	-75.33	-352.66	8,373.58	453.47	197.26	256.21	1.770	
14,700.00	7,279.23	14,515.24	7,164.38	133.07	132.82	-75.32	-352.56	8,473.58	453.15	193.71	259.44	1.747	
14,800.00	7,278.77	14,615.24	7,163.91	134.72	134.47	-75.31	-352.45	8,573.58	452.82	190.15	262.67	1.724	
14,900.00	7,278.31	14,715.24	7,163.43	136.37	136.13	-75.29	-352.35	8,673.57	452.50	186.60	265.90	1.702	
15,000.00	7,277.85	14,815.24	7,162.95	138.03	137.79	-75.28	-352.25	8,773.57	452.17	183.05	269.13	1.680	
15,100.00	7,277.39	14,915.24	7,162.48	139.68	139.44	-75.27	-352.15	8,873.57	451.85	179.49	272.36	1.659	
15,200.00	7,276.93	15,015.24	7,162.00	141.33	141.10	-75.26	-352.04	8,973.57	451.53	175.94	275.59	1.638	
15,300.00	7,276.47	15,115.24	7,161.53	142.99	142.76	-75.24	-351.94	9,073.57	451.20	172.38	278.82	1.618	
15,400.00	7,276.01	15,215.24	7,161.05	144.65	144.42	-75.23	-351.84	9,173.57	450.88	168.83	282.05	1.599	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,500.00	7,275.55	15,315.24	7,160.58	146.30	146.08	-75.22	-351.74	9,273.56	450.55	165.27	285.28	1.579	
15,600.00	7,275.09	15,415.24	7,160.10	147.96	147.73	-75.20	-351.63	9,373.56	450.23	161.72	288.52	1.561	
15,700.00	7,274.63	15,515.24	7,159.63	149.61	149.39	-75.19	-351.53	9,473.56	449.91	158.16	291.75	1.542	
15,800.00	7,274.17	15,615.24	7,159.15	151.27	151.05	-75.18	-351.43	9,573.56	449.58	154.60	294.98	1.524	
15,900.00	7,273.71	15,715.24	7,158.68	152.93	152.71	-75.16	-351.33	9,673.56	449.26	151.04	298.21	1.506	
16,000.00	7,273.25	15,815.24	7,158.20	154.59	154.37	-75.15	-351.23	9,773.55	448.93	147.49	301.45	1.489	Level 3
16,100.00	7,272.79	15,915.24	7,157.72	156.24	156.03	-75.14	-351.12	9,873.55	448.61	143.93	304.68	1.472	Level 3
16,200.00	7,272.33	16,015.24	7,157.25	157.90	157.69	-75.13	-351.02	9,973.55	448.29	140.37	307.92	1.456	Level 3
16,300.00	7,271.87	16,115.23	7,156.77	159.56	159.35	-75.11	-350.92	10,073.55	447.96	136.81	311.15	1.440	Level 3
16,400.00	7,271.41	16,215.23	7,156.30	161.22	161.01	-75.10	-350.82	10,173.55	447.64	133.26	314.38	1.424	Level 3
16,500.00	7,270.95	16,315.23	7,155.82	162.88	162.68	-75.09	-350.71	10,273.55	447.32	129.70	317.62	1.408	Level 3
16,600.00	7,270.49	16,415.23	7,155.35	164.54	164.34	-75.07	-350.61	10,373.54	446.99	126.14	320.85	1.393	Level 3
16,700.00	7,270.03	16,515.23	7,154.87	166.20	166.00	-75.06	-350.51	10,473.54	446.67	122.58	324.09	1.378	Level 3
16,800.00	7,269.57	16,615.23	7,154.40	167.86	167.66	-75.05	-350.41	10,573.54	446.34	119.02	327.32	1.364	Level 3
16,900.00	7,269.11	16,715.23	7,153.92	169.52	169.32	-75.03	-350.30	10,673.54	446.02	115.46	330.56	1.349	Level 3
17,000.00	7,268.65	16,815.23	7,153.44	171.18	170.99	-75.02	-350.20	10,773.54	445.70	111.90	333.79	1.335	Level 3
17,100.00	7,268.19	16,915.23	7,152.97	172.84	172.65	-75.01	-350.10	10,873.54	445.37	108.34	337.03	1.321	Level 3
17,200.00	7,267.73	17,015.23	7,152.49	174.50	174.31	-74.99	-350.00	10,973.53	445.05	104.78	340.27	1.308	Level 3
17,300.00	7,267.27	17,115.23	7,152.02	176.16	175.97	-74.98	-349.89	11,073.53	444.73	101.22	343.50	1.295	Level 3
17,400.00	7,266.81	17,215.23	7,151.54	177.82	177.64	-74.97	-349.79	11,173.53	444.40	97.67	346.74	1.282	Level 3
17,500.00	7,266.35	17,315.23	7,151.07	179.48	179.30	-74.95	-349.69	11,273.53	444.08	94.11	349.97	1.269	Level 3
17,600.00	7,265.89	17,415.23	7,150.59	181.14	180.96	-74.94	-349.59	11,373.53	443.76	90.55	353.21	1.256	Level 3
17,700.00	7,265.43	17,515.23	7,150.12	182.81	182.63	-74.93	-349.48	11,473.52	443.43	86.99	356.44	1.244	Level 2
17,800.00	7,264.97	17,615.23	7,149.64	184.47	184.29	-74.91	-349.38	11,573.52	443.11	83.43	359.68	1.232	Level 2
17,893.49	7,264.54	17,708.72	7,149.20	186.02	185.85	-74.90	-349.29	11,667.01	442.81	80.10	362.71	1.221	Level 2, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.58	0.73	-99.95	99.95				
100.00	100.00	101.00	101.00	3.28	3.28	-89.58	0.73	-99.95	99.95	92.42	7.53	13.276	
200.00	200.00	201.00	201.00	3.31	3.31	-89.58	0.73	-99.95	99.95	92.38	7.57	13.196 CC, ES	
300.00	299.98	300.98	300.98	3.35	3.35	141.97	0.73	-99.95	101.32	93.66	7.66	13.227	
400.00	399.84	400.84	400.84	3.41	3.42	143.67	0.73	-99.95	105.49	97.71	7.79	13.546	
500.00	499.45	500.45	500.45	3.49	3.50	146.21	0.73	-99.95	112.64	104.68	7.96	14.147	
600.00	598.70	600.30	599.70	3.61	3.61	149.26	0.73	-99.95	122.97	114.79	8.18	15.030	
700.00	697.47	701.53	698.47	3.77	3.74	152.48	0.73	-99.95	136.68	128.23	8.45	16.181	
800.00	795.74	803.26	796.74	3.96	3.88	155.60	0.73	-99.95	153.36	144.60	8.75	17.520	
900.00	893.96	905.04	894.96	4.19	4.03	158.20	0.73	-99.95	170.67	161.59	9.08	18.791	
1,000.00	992.19	1,006.81	993.19	4.45	4.20	160.32	0.73	-99.95	188.27	178.83	9.44	19.941	
1,100.00	1,090.41	1,091.41	1,091.41	4.73	4.35	162.07	0.73	-99.95	206.08	196.28	9.79	21.042	
1,200.00	1,188.63	1,196.18	1,196.16	5.03	4.54	163.84	0.90	-98.34	222.72	212.54	10.19	21.863	
1,300.00	1,286.85	1,302.33	1,302.16	5.34	4.73	165.85	1.48	-92.85	236.41	225.82	10.59	22.329	
1,400.00	1,385.07	1,408.98	1,408.39	5.67	4.93	168.13	2.47	-83.39	247.23	236.23	11.00	22.469	
1,500.00	1,483.30	1,515.85	1,514.39	6.00	5.16	170.72	3.88	-69.99	255.34	243.90	11.44	22.328	
1,600.00	1,581.52	1,622.62	1,619.73	6.35	5.41	173.67	5.70	-52.67	260.95	249.06	11.89	21.951	
1,700.00	1,679.74	1,729.01	1,723.97	6.70	5.68	177.02	7.92	-31.55	264.37	252.00	12.37	21.379	
1,800.00	1,777.96	1,827.90	1,820.47	7.06	5.93	-179.66	10.18	-10.06	267.20	254.52	12.68	21.069	
1,900.00	1,876.19	1,926.65	1,916.83	7.26	6.06	-176.43	12.43	11.39	270.93	258.20	12.73	21.277	
2,000.00	1,974.41	2,025.39	2,013.19	7.31	6.10	-173.30	14.69	32.85	275.51	262.71	12.81	21.513	
2,100.00	2,072.63	2,124.14	2,109.55	7.37	6.16	-170.28	16.94	54.31	280.91	267.98	12.92	21.735	
2,200.00	2,170.85	2,222.89	2,205.91	7.45	6.25	-167.37	19.20	75.76	287.07	273.99	13.08	21.940	
2,300.00	2,269.07	2,321.63	2,302.27	7.54	6.36	-164.59	21.45	97.22	293.95	280.67	13.29	22.125	
2,400.00	2,367.30	2,420.38	2,398.63	7.65	6.48	-161.94	23.71	118.68	301.50	287.98	13.53	22.289	
2,500.00	2,465.52	2,519.13	2,495.00	7.78	6.63	-159.42	25.96	140.13	309.68	295.87	13.80	22.433	
2,600.00	2,563.74	2,617.87	2,591.36	7.92	6.79	-157.04	28.22	161.59	318.42	304.30	14.12	22.556	
2,700.00	2,661.96	2,716.62	2,687.72	8.07	6.97	-154.78	30.47	183.05	327.69	313.23	14.46	22.660	
2,800.00	2,760.18	2,815.37	2,784.08	8.24	7.16	-152.65	32.73	204.50	337.45	322.62	14.83	22.748	
2,900.00	2,858.41	2,914.11	2,880.44	8.42	7.37	-150.64	34.98	225.96	347.65	332.41	15.24	22.819	
3,000.00	2,956.63	3,012.86	2,976.80	8.61	7.59	-148.75	37.24	247.42	358.25	342.59	15.66	22.877	
3,100.00	3,054.85	3,111.61	3,073.16	8.81	7.82	-146.96	39.49	268.87	369.23	353.12	16.11	22.922	
3,200.00	3,153.07	3,210.35	3,169.52	9.02	8.06	-145.28	41.75	290.33	380.54	363.96	16.58	22.957	
3,300.00	3,251.30	3,309.10	3,265.89	9.24	8.32	-143.69	44.00	311.78	392.16	375.10	17.06	22.984	
3,400.00	3,349.52	3,407.85	3,362.25	9.47	8.58	-142.20	46.26	333.24	404.06	386.50	17.57	23.003	
3,500.00	3,447.74	3,506.59	3,458.61	9.71	8.84	-140.79	48.51	354.70	416.22	398.14	18.08	23.015	
3,600.00	3,545.96	3,605.34	3,554.97	9.95	9.12	-139.46	50.77	376.15	428.62	410.00	18.62	23.022	
3,700.00	3,644.18	3,704.09	3,651.33	10.21	9.40	-138.21	53.02	397.61	441.24	422.07	19.16	23.025	
3,800.00	3,742.41	3,802.84	3,747.69	10.46	9.69	-137.02	55.28	419.07	454.05	434.33	19.72	23.024	
3,900.00	3,840.63	3,901.58	3,844.05	10.73	9.98	-135.90	57.53	440.52	467.04	446.75	20.29	23.020	
4,000.00	3,938.85	4,000.33	3,940.41	11.00	10.28	-134.84	59.79	461.98	480.20	459.34	20.87	23.014	
4,100.00	4,037.07	4,100.92	4,036.77	11.27	10.59	-133.84	62.04	483.44	493.52	472.06	21.46	23.000	
4,200.00	4,135.30	4,202.18	4,133.14	11.55	10.91	-132.89	64.30	504.89	506.97	484.91	22.06	22.982	
4,300.00	4,233.52	4,303.43	4,229.50	11.83	11.23	-131.99	66.55	526.35	520.56	497.89	22.67	22.963	
4,400.00	4,331.74	4,404.68	4,325.86	12.12	11.55	-131.14	68.81	547.81	534.27	510.98	23.29	22.943	
4,500.00	4,429.96	4,505.94	4,422.22	12.41	11.88	-130.32	71.06	569.26	548.09	524.18	23.91	22.923	
4,600.00	4,528.18	4,607.19	4,518.58	12.71	12.21	-129.55	73.32	590.72	562.01	537.47	24.54	22.902	
4,700.00	4,626.41	4,708.44	4,614.94	13.01	12.54	-128.82	75.57	612.17	576.03	550.85	25.17	22.881	
4,800.00	4,724.63	4,809.70	4,711.30	13.31	12.87	-128.12	77.83	633.63	590.13	564.32	25.81	22.860	
4,900.00	4,822.85	4,889.05	4,807.66	13.61	13.14	-127.45	80.08	655.09	604.32	577.94	26.39	22.903	
5,000.00	4,921.07	4,987.80	4,904.03	13.92	13.47	-126.81	82.34	676.54	618.59	591.57	27.03	22.889	
5,100.00	5,019.30	5,086.54	5,000.39	14.23	13.80	-126.20	84.59	698.00	632.93	605.26	27.67	22.874	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,117.52	5,185.29	5,096.75	14.54	14.14	-125.62	86.85	719.46	647.34	619.02	28.32	22.860	
5,300.00	5,215.74	5,284.04	5,193.11	14.86	14.48	-125.06	89.10	740.91	661.81	632.84	28.97	22.845	
5,400.00	5,313.96	5,382.78	5,289.47	15.17	14.81	-124.53	91.36	762.37	676.33	646.71	29.62	22.831	
5,500.00	5,412.18	5,481.53	5,385.83	15.49	15.16	-124.02	93.61	783.83	690.92	660.64	30.28	22.817	
5,600.00	5,510.41	5,580.28	5,482.19	15.81	15.50	-123.53	95.87	805.28	705.55	674.61	30.94	22.803	
5,700.00	5,608.63	5,679.03	5,578.55	16.13	15.84	-123.06	98.12	826.74	720.23	688.63	31.60	22.789	
5,800.00	5,706.85	5,777.77	5,674.91	16.46	16.18	-122.61	100.38	848.19	734.96	702.69	32.27	22.775	
5,900.00	5,805.07	5,876.52	5,771.28	16.78	16.53	-122.18	102.63	869.65	749.73	716.80	32.94	22.762	
6,000.00	5,903.29	5,975.27	5,867.64	17.11	16.88	-121.76	104.89	891.11	764.55	730.94	33.61	22.749	
6,100.00	6,001.52	6,074.01	5,964.00	17.44	17.22	-121.36	107.14	912.56	779.40	745.11	34.28	22.736	
6,200.00	6,099.74	6,172.76	6,060.36	17.76	17.57	-120.98	109.40	934.02	794.28	759.33	34.95	22.723	
6,300.00	6,197.96	6,271.51	6,156.72	18.09	17.92	-120.61	111.65	955.48	809.20	773.57	35.63	22.711	
6,400.00	6,296.18	6,370.25	6,253.08	18.43	18.27	-120.25	113.91	976.93	824.15	787.84	36.31	22.699	
6,500.00	6,394.41	6,469.00	6,349.44	18.76	18.62	-119.90	116.16	998.39	839.13	802.15	36.99	22.687	
6,600.00	6,492.63	6,567.75	6,445.80	19.09	18.98	-119.57	118.42	1,019.85	854.15	816.48	37.67	22.675	
6,700.00	6,590.85	6,658.19	6,533.76	19.43	19.31	-119.19	120.47	1,040.73	869.42	831.10	38.32	22.688	
6,800.00	6,689.07	6,737.68	6,608.51	19.76	19.68	-118.30	122.15	1,067.58	886.51	847.52	38.99	22.737	
6,900.00	6,787.26	6,812.34	6,675.16	20.10	20.10	-112.08	123.58	1,101.09	906.13	866.43	39.69	22.828	
7,000.00	6,883.33	6,883.90	6,734.95	20.48	20.56	-94.25	124.80	1,140.33	926.40	885.96	40.44	22.909	
7,100.00	6,974.38	6,954.12	6,788.98	20.94	21.08	-85.53	125.85	1,185.11	945.50	904.24	41.26	22.915	
7,200.00	7,058.15	7,023.33	6,837.09	21.48	21.65	-80.14	126.71	1,234.80	962.75	920.57	42.17	22.829	
7,300.00	7,132.58	7,091.80	6,879.11	22.09	22.27	-76.46	127.38	1,288.81	977.54	934.37	43.17	22.642	
7,400.00	7,195.84	7,159.76	6,914.85	22.78	22.94	-73.92	127.88	1,346.58	989.43	945.15	44.28	22.345	
7,500.00	7,246.38	7,227.40	6,944.11	23.55	23.65	-72.24	128.19	1,407.53	998.05	952.55	45.50	21.935	
7,600.00	7,282.95	7,294.90	6,966.70	24.40	24.39	-71.29	128.32	1,471.11	1,003.17	956.33	46.84	21.417	
7,700.00	7,304.64	7,362.42	6,982.44	25.31	25.17	-71.01	128.27	1,536.74	1,004.68	956.38	48.30	20.801	
7,800.00	7,310.97	7,430.12	6,991.16	26.27	25.97	-71.34	128.03	1,603.84	1,002.57	952.70	49.87	20.103	
7,900.00	7,310.51	7,506.05	6,992.87	27.29	26.87	-71.43	127.56	1,679.71	1,000.60	948.97	51.62	19.383	
8,000.00	7,310.05	7,606.04	6,992.38	28.38	28.11	-71.41	126.86	1,779.70	999.53	945.66	53.87	18.554	
8,100.00	7,309.59	7,706.03	6,991.88	29.52	29.38	-71.39	126.17	1,879.69	998.47	942.25	56.22	17.761	
8,200.00	7,309.13	7,806.03	6,991.39	30.72	30.70	-71.36	125.47	1,979.68	997.40	938.76	58.65	17.007	
8,300.00	7,308.67	7,906.02	6,990.89	31.97	32.05	-71.34	124.78	2,079.67	996.34	935.19	61.15	16.294	
8,400.00	7,308.21	8,006.01	6,990.40	33.25	33.42	-71.32	124.09	2,179.66	995.27	931.56	63.72	15.621	
8,500.00	7,307.75	8,106.01	6,989.90	34.57	34.83	-71.30	123.39	2,279.65	994.21	927.87	66.34	14.986	
8,600.00	7,307.29	8,206.00	6,989.41	35.92	36.25	-71.27	122.70	2,379.64	993.14	924.13	69.02	14.390	
8,700.00	7,306.83	8,305.99	6,988.91	37.30	37.70	-71.25	122.01	2,479.63	992.08	920.34	71.74	13.829	
8,800.00	7,306.37	8,405.99	6,988.42	38.70	39.16	-71.23	121.31	2,579.62	991.02	916.52	74.50	13.303	
8,900.00	7,305.91	8,505.98	6,987.92	40.12	40.65	-71.20	120.62	2,679.61	989.95	912.66	77.29	12.808	
9,000.00	7,305.45	8,605.98	6,987.42	41.56	42.14	-71.18	119.92	2,779.60	988.89	908.77	80.12	12.342	
9,100.00	7,304.99	8,705.97	6,986.93	43.02	43.65	-71.16	119.23	2,879.59	987.83	904.85	82.98	11.905	
9,200.00	7,304.53	8,805.96	6,986.43	44.50	45.17	-71.13	118.54	2,979.58	986.76	900.90	85.86	11.493	
9,300.00	7,304.07	8,905.96	6,985.94	45.99	46.70	-71.11	117.84	3,079.57	985.70	896.94	88.76	11.105	
9,400.00	7,303.61	9,005.95	6,985.44	47.49	48.24	-71.09	117.15	3,179.56	984.64	892.95	91.69	10.739	
9,500.00	7,303.15	9,105.94	6,984.95	49.00	49.79	-71.06	116.46	3,279.55	983.58	888.94	94.63	10.394	
9,600.00	7,302.69	9,205.94	6,984.45	50.52	51.34	-71.04	115.76	3,379.54	982.51	884.92	97.59	10.068	
9,700.00	7,302.23	9,305.93	6,983.96	52.06	52.91	-71.02	115.07	3,479.53	981.45	880.88	100.57	9.759	
9,800.00	7,301.77	9,405.92	6,983.46	53.60	54.48	-70.99	114.37	3,579.52	980.39	876.83	103.56	9.467	
9,900.00	7,301.31	9,505.92	6,982.97	55.14	56.05	-70.97	113.68	3,679.51	979.33	872.77	106.56	9.191	
10,000.00	7,300.85	9,605.91	6,982.47	56.70	57.63	-70.95	112.99	3,779.50	978.27	868.69	109.57	8.928	
10,100.00	7,300.39	9,705.90	6,981.97	58.26	59.22	-70.92	112.29	3,879.49	977.20	864.61	112.60	8.679	
10,200.00	7,299.93	9,805.90	6,981.48	59.83	60.81	-70.90	111.60	3,979.48	976.14	860.51	115.63	8.442	
10,300.00	7,299.47	9,905.89	6,980.98	61.40	62.41	-70.88	110.90	4,079.47	975.08	856.41	118.67	8.217	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	7,299.01	10,005.89	6,980.49	62.98	64.01	-70.85	110.21	4,179.46	974.02	852.30	121.72	8.002	
10,500.00	7,298.55	10,105.88	6,979.99	64.57	65.61	-70.83	109.52	4,279.45	972.96	848.18	124.78	7.797	
10,600.00	7,298.09	10,205.87	6,979.50	66.15	67.22	-70.80	108.82	4,379.44	971.90	844.05	127.85	7.602	
10,700.00	7,297.63	10,305.87	6,979.00	67.75	68.83	-70.78	108.13	4,479.43	970.84	839.92	130.92	7.416	
10,800.00	7,297.17	10,405.86	6,978.51	69.34	70.44	-70.76	107.44	4,579.42	969.78	835.78	133.99	7.237	
10,900.00	7,296.71	10,505.85	6,978.01	70.94	72.05	-70.73	106.74	4,679.41	968.72	831.64	137.08	7.067	
11,000.00	7,296.25	10,605.85	6,977.52	72.55	73.67	-70.71	106.05	4,779.40	967.66	827.49	140.16	6.904	
11,100.00	7,295.79	10,705.84	6,977.02	74.15	75.29	-70.68	105.35	4,879.39	966.60	823.34	143.26	6.747	
11,200.00	7,295.33	10,805.83	6,976.52	75.76	76.92	-70.66	104.66	4,979.38	965.54	819.19	146.35	6.597	
11,300.00	7,294.87	10,905.83	6,976.03	77.37	78.54	-70.63	103.97	5,079.37	964.48	815.03	149.45	6.453	
11,400.00	7,294.41	11,005.82	6,975.53	78.99	80.17	-70.61	103.27	5,179.36	963.42	810.86	152.56	6.315	
11,500.00	7,293.95	11,105.81	6,975.04	80.60	81.80	-70.59	102.58	5,279.35	962.36	806.70	155.66	6.182	
11,600.00	7,293.49	11,205.81	6,974.54	82.22	83.43	-70.56	101.89	5,379.34	961.30	802.53	158.77	6.054	
11,700.00	7,293.03	11,305.80	6,974.05	83.84	85.06	-70.54	101.19	5,479.33	960.24	798.35	161.89	5.932	
11,800.00	7,292.57	11,400.87	6,973.59	85.47	86.61	-70.52	100.64	5,572.65	959.30	794.42	164.87	5.818	
11,900.00	7,292.11	11,500.88	6,973.09	87.09	88.24	-70.51	100.68	5,672.65	958.93	790.93	168.00	5.708	
12,000.00	7,291.65	11,600.88	6,972.60	88.72	89.88	-70.50	100.73	5,772.65	958.57	787.43	171.13	5.601	
12,100.00	7,291.19	11,700.88	6,972.10	90.34	91.52	-70.49	100.77	5,872.64	958.21	783.94	174.27	5.498	
12,200.00	7,290.73	11,800.88	6,971.61	91.97	93.16	-70.48	100.81	5,972.64	957.84	780.44	177.41	5.399	
12,300.00	7,290.27	11,900.88	6,971.11	93.61	94.80	-70.47	100.86	6,072.64	957.48	776.93	180.55	5.303	
12,400.00	7,289.81	12,000.88	6,970.62	95.24	96.44	-70.46	100.90	6,172.64	957.12	773.43	183.69	5.211	
12,500.00	7,289.35	12,100.88	6,970.12	96.87	98.08	-70.45	100.95	6,272.64	956.75	769.92	186.83	5.121	
12,600.00	7,288.89	12,200.88	6,969.63	98.51	99.72	-70.44	100.99	6,372.63	956.39	766.41	189.98	5.034	
12,700.00	7,288.43	12,299.12	6,969.13	100.15	101.34	-70.43	101.03	6,472.63	956.03	762.93	193.10	4.951	
12,800.00	7,287.97	12,400.88	6,968.64	101.78	103.01	-70.42	101.08	6,572.63	955.66	759.39	196.27	4.869	
12,900.00	7,287.51	12,500.88	6,968.15	103.42	104.66	-70.41	101.12	6,672.63	955.30	755.88	199.43	4.790	
13,000.00	7,287.05	12,599.12	6,967.65	105.06	106.27	-70.40	101.17	6,772.63	954.94	752.39	202.55	4.715	
13,100.00	7,286.59	12,700.89	6,967.16	106.70	107.95	-70.39	101.21	6,872.62	954.57	748.84	205.73	4.640	
13,200.00	7,286.13	12,800.89	6,966.66	108.34	109.60	-70.38	101.25	6,972.62	954.21	745.32	208.89	4.568	
13,300.00	7,285.67	12,899.11	6,966.17	109.99	111.22	-70.37	101.30	7,072.62	953.85	741.83	212.02	4.499	
13,400.00	7,285.21	13,000.89	6,965.67	111.63	112.90	-70.36	101.34	7,172.62	953.49	738.28	215.20	4.431	
13,500.00	7,284.75	13,100.89	6,965.18	113.28	114.55	-70.35	101.39	7,272.62	953.12	734.76	218.36	4.365	
13,600.00	7,284.29	13,200.89	6,964.68	114.92	116.20	-70.34	101.43	7,372.61	952.76	731.24	221.52	4.301	
13,700.00	7,283.83	13,300.89	6,964.19	116.57	117.85	-70.33	101.48	7,472.61	952.40	727.72	224.68	4.239	
13,800.00	7,283.37	13,400.89	6,963.70	118.21	119.50	-70.32	101.52	7,572.61	952.03	724.19	227.84	4.178	
13,900.00	7,282.91	13,500.89	6,963.20	119.86	121.16	-70.31	101.56	7,672.61	951.67	720.66	231.01	4.120	
14,000.00	7,282.45	13,600.89	6,962.71	121.51	122.81	-70.30	101.61	7,772.61	951.31	717.14	234.17	4.062	
14,100.00	7,281.99	13,700.89	6,962.21	123.16	124.46	-70.29	101.65	7,872.60	950.95	713.61	237.34	4.007	
14,200.00	7,281.53	13,800.89	6,961.72	124.81	126.12	-70.28	101.70	7,972.60	950.58	710.08	240.50	3.952	
14,300.00	7,281.07	13,900.89	6,961.22	126.46	127.77	-70.27	101.74	8,072.60	950.22	706.55	243.67	3.900	
14,400.00	7,280.61	14,000.90	6,960.73	128.11	129.43	-70.26	101.78	8,172.60	949.86	703.02	246.84	3.848	
14,500.00	7,280.15	14,100.90	6,960.23	129.76	131.08	-70.25	101.83	8,272.60	949.50	699.49	250.00	3.798	
14,600.00	7,279.69	14,199.10	6,959.74	131.41	132.71	-70.24	101.87	8,372.59	949.13	695.99	253.14	3.749	
14,700.00	7,279.23	14,300.90	6,959.25	133.07	134.40	-70.23	101.92	8,472.59	948.77	692.43	256.34	3.701	
14,800.00	7,278.77	14,400.90	6,958.75	134.72	136.05	-70.22	101.96	8,572.59	948.41	688.90	259.51	3.655	
14,900.00	7,278.31	14,499.10	6,958.26	136.37	137.68	-70.21	102.00	8,672.59	948.05	685.39	262.65	3.610	
15,000.00	7,277.85	14,600.90	6,957.76	138.03	139.37	-70.20	102.05	8,772.59	947.68	681.83	265.85	3.565	
15,100.00	7,277.39	14,700.90	6,957.27	139.68	141.03	-70.19	102.09	8,872.58	947.32	678.30	269.02	3.521	
15,200.00	7,276.93	14,800.90	6,956.77	141.33	142.68	-70.18	102.14	8,972.58	946.96	674.76	272.19	3.479	
15,300.00	7,276.47	14,899.10	6,956.28	142.99	144.31	-70.17	102.18	9,072.58	946.60	671.26	275.34	3.438	
15,400.00	7,276.01	15,000.90	6,955.78	144.65	146.00	-70.16	102.22	9,172.58	946.23	667.70	278.54	3.397	
15,500.00	7,275.55	15,100.90	6,955.29	146.30	147.66	-70.15	102.27	9,272.58	945.87	664.16	281.71	3.358	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,600.00	7,275.09	15,200.91	6,954.80	147.96	149.32	-70.14	102.31	9,372.57	945.51	660.62	284.89	3.319	
15,700.00	7,274.63	15,300.91	6,954.30	149.61	150.98	-70.13	102.36	9,472.57	945.15	657.09	288.06	3.281	
15,800.00	7,274.17	15,400.91	6,953.81	151.27	152.64	-70.12	102.40	9,572.57	944.79	653.55	291.23	3.244	
15,900.00	7,273.71	15,500.91	6,953.31	152.93	154.30	-70.10	102.44	9,672.57	944.42	650.02	294.41	3.208	
16,000.00	7,273.25	15,600.91	6,952.82	154.59	155.96	-70.09	102.49	9,772.57	944.06	646.48	297.58	3.172	
16,100.00	7,272.79	15,700.91	6,952.32	156.24	157.62	-70.08	102.53	9,872.56	943.70	642.94	300.76	3.138	
16,200.00	7,272.33	15,799.09	6,951.83	157.90	159.25	-70.07	102.58	9,972.56	943.34	639.44	303.90	3.104	
16,300.00	7,271.87	15,900.91	6,951.33	159.56	160.95	-70.06	102.62	10,072.56	942.98	635.87	307.11	3.071	
16,400.00	7,271.41	16,000.91	6,950.84	161.22	162.61	-70.05	102.66	10,172.56	942.61	632.33	310.28	3.038	
16,500.00	7,270.95	16,100.91	6,950.35	162.88	164.27	-70.04	102.71	10,272.56	942.25	628.79	313.46	3.006	
16,600.00	7,270.49	16,200.91	6,949.85	164.54	165.93	-70.03	102.75	10,372.55	941.89	625.26	316.63	2.975	
16,700.00	7,270.03	16,300.91	6,949.36	166.20	167.59	-70.02	102.80	10,472.55	941.53	621.72	319.81	2.944	
16,800.00	7,269.57	16,400.91	6,948.86	167.86	169.26	-70.01	102.84	10,572.55	941.17	618.18	322.98	2.914	
16,900.00	7,269.11	16,500.92	6,948.37	169.52	170.92	-70.00	102.88	10,672.55	940.80	614.64	326.16	2.884	
17,000.00	7,268.65	16,600.92	6,947.87	171.18	172.58	-69.99	102.93	10,772.55	940.44	611.11	329.34	2.856	
17,100.00	7,268.19	16,700.92	6,947.38	172.84	174.25	-69.98	102.97	10,872.54	940.08	607.57	332.51	2.827	
17,200.00	7,267.73	16,800.92	6,946.88	174.50	175.91	-69.97	103.02	10,972.54	939.72	604.03	335.69	2.799	
17,300.00	7,267.27	16,899.08	6,946.39	176.16	177.54	-69.96	103.06	11,072.54	939.36	600.52	338.84	2.772	
17,400.00	7,266.81	17,000.92	6,945.90	177.82	179.24	-69.95	103.10	11,172.54	939.00	596.95	342.04	2.745	
17,500.00	7,266.35	17,100.92	6,945.40	179.48	180.90	-69.94	103.15	11,272.54	938.63	593.41	345.22	2.719	
17,600.00	7,265.89	17,200.92	6,944.91	181.14	182.56	-69.93	103.19	11,372.53	938.27	589.88	348.40	2.693	
17,700.00	7,265.43	17,300.92	6,944.41	182.81	184.23	-69.92	103.24	11,472.53	937.91	586.34	351.57	2.668	
17,800.00	7,264.97	17,400.92	6,943.92	184.47	185.89	-69.91	103.28	11,572.53	937.55	582.80	354.75	2.643	
17,893.49	7,264.54	17,507.43	6,943.46	186.02	187.66	-69.90	103.32	11,666.02	937.21	579.28	357.93	2.618 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.55	1.09	-139.76	139.77				
100.00	100.00	102.00	102.00	3.28	3.28	-89.55	1.09	-139.76	139.77	132.24	7.53	18.563	
200.00	200.00	202.10	202.10	3.31	3.31	-89.55	1.09	-139.76	139.77	132.19	7.57	18.452	
300.00	299.98	306.87	306.85	3.35	3.35	142.15	1.75	-137.88	139.35	131.69	7.66	18.196	
400.00	399.84	411.45	411.26	3.41	3.43	144.39	3.68	-132.40	138.38	130.60	7.78	17.797	
500.00	499.45	515.63	514.99	3.49	3.53	148.16	6.84	-123.37	137.26	129.32	7.94	17.296	
600.00	598.70	619.22	617.73	3.61	3.65	153.43	11.23	-110.87	136.68	128.53	8.14	16.785	
600.65	599.35	619.90	618.39	3.61	3.66	153.47	11.26	-110.78	136.68	128.53	8.14	16.782 CC, ES	
700.00	697.47	722.05	719.17	3.77	3.82	160.11	16.79	-95.00	137.59	129.19	8.41	16.369	
800.00	795.74	822.83	817.98	3.96	4.02	167.71	23.36	-76.29	140.69	131.95	8.74	16.096	
900.00	893.96	920.99	914.05	4.19	4.26	174.95	30.01	-57.34	145.90	136.76	9.15	15.954	
1,000.00	992.19	1,019.15	1,010.13	4.45	4.52	-178.39	36.66	-38.38	153.34	143.74	9.60	15.973	
1,100.00	1,090.41	1,117.30	1,106.21	4.73	4.80	-172.40	43.31	-19.42	162.69	152.59	10.10	16.107	
1,200.00	1,188.63	1,215.46	1,202.29	5.03	5.10	-167.10	49.96	-0.46	173.65	163.01	10.64	16.318	
1,300.00	1,286.85	1,313.62	1,298.37	5.34	5.41	-162.45	56.61	18.49	185.93	174.72	11.22	16.574	
1,400.00	1,385.07	1,411.78	1,394.45	5.67	5.74	-158.38	63.25	37.45	199.29	187.47	11.82	16.856	
1,500.00	1,483.30	1,509.93	1,490.53	6.00	6.08	-154.83	69.90	56.41	213.53	201.08	12.45	17.146	
1,600.00	1,581.52	1,608.09	1,586.61	6.35	6.43	-151.73	76.55	75.36	228.48	215.37	13.10	17.435	
1,700.00	1,679.74	1,706.25	1,682.69	6.70	6.78	-149.02	83.20	94.32	244.01	230.24	13.77	17.718	
1,800.00	1,777.96	1,804.41	1,778.77	7.06	7.14	-146.62	89.85	113.28	260.01	245.57	14.45	17.999	
1,900.00	1,876.19	1,902.56	1,874.85	7.26	7.33	-144.51	96.50	132.24	276.42	261.96	14.45	19.123	
2,000.00	1,974.41	2,000.72	1,970.93	7.31	7.38	-142.63	103.15	151.19	293.14	278.59	14.56	20.135	
2,100.00	2,072.63	2,101.12	2,067.01	7.37	7.44	-140.96	109.80	170.15	310.15	295.45	14.70	21.106	
2,200.00	2,170.85	2,202.96	2,163.09	7.45	7.53	-139.46	116.45	189.11	327.39	312.52	14.86	22.028	
2,300.00	2,269.07	2,304.81	2,259.17	7.54	7.63	-138.11	123.10	208.06	344.82	329.76	15.06	22.896	
2,400.00	2,367.30	2,406.65	2,355.25	7.65	7.75	-136.89	129.75	227.02	362.42	347.13	15.29	23.708	
2,500.00	2,465.52	2,508.49	2,451.33	7.78	7.88	-135.78	136.40	245.98	380.17	364.63	15.54	24.461	
2,600.00	2,563.74	2,589.66	2,547.41	7.92	8.00	-134.77	143.05	264.93	398.04	382.25	15.79	25.204	
2,700.00	2,661.96	2,687.82	2,643.49	8.07	8.15	-133.85	149.70	283.89	416.03	399.94	16.09	25.852	
2,800.00	2,760.18	2,785.98	2,739.57	8.24	8.31	-133.00	156.35	302.85	434.11	417.69	16.42	26.445	
2,900.00	2,858.41	2,884.14	2,835.65	8.42	8.49	-132.22	163.00	321.81	452.27	435.51	16.76	26.983	
3,000.00	2,956.63	2,982.29	2,931.72	8.61	8.68	-131.51	169.65	340.76	470.51	453.38	17.13	27.470	
3,100.00	3,054.85	3,080.45	3,027.80	8.81	8.87	-130.84	176.30	359.72	488.82	471.30	17.52	27.908	
3,200.00	3,153.07	3,178.61	3,123.88	9.02	9.08	-130.22	182.95	378.68	507.18	489.26	17.92	28.301	
3,300.00	3,251.30	3,276.77	3,219.96	9.24	9.30	-129.65	189.60	397.63	525.60	507.26	18.34	28.653	
3,400.00	3,349.52	3,374.92	3,316.04	9.47	9.52	-129.11	196.25	416.59	544.07	525.28	18.78	28.965	
3,500.00	3,447.74	3,473.08	3,412.12	9.71	9.75	-128.61	202.90	435.55	562.57	543.34	19.24	29.243	
3,600.00	3,545.96	3,571.24	3,508.20	9.95	9.99	-128.15	209.55	454.51	581.12	561.41	19.71	29.488	
3,700.00	3,644.18	3,669.40	3,604.28	10.21	10.24	-127.71	216.20	473.46	599.70	579.52	20.19	29.704	
3,800.00	3,742.41	3,767.55	3,700.36	10.46	10.49	-127.29	222.85	492.42	618.32	597.64	20.68	29.894	
3,900.00	3,840.63	3,865.71	3,796.44	10.73	10.75	-126.90	229.50	511.38	636.96	615.77	21.19	30.060	
4,000.00	3,938.85	3,963.87	3,892.52	11.00	11.01	-126.54	236.15	530.33	655.63	633.93	21.71	30.205	
4,100.00	4,037.07	4,062.02	3,988.60	11.27	11.28	-126.19	242.80	549.29	674.33	652.10	22.23	30.330	
4,200.00	4,135.30	4,160.18	4,084.68	11.55	11.55	-125.86	249.45	568.25	693.05	670.28	22.77	30.439	
4,300.00	4,233.52	4,258.34	4,180.76	11.83	11.83	-125.55	256.10	587.21	711.79	688.47	23.31	30.532	
4,400.00	4,331.74	4,356.50	4,276.84	12.12	12.11	-125.26	262.75	606.16	730.54	706.68	23.87	30.611	
4,500.00	4,429.96	4,454.65	4,372.92	12.41	12.40	-124.98	269.40	625.12	749.32	724.89	24.42	30.678	
4,600.00	4,528.18	4,552.81	4,469.00	12.71	12.69	-124.71	276.05	644.08	768.11	743.12	24.99	30.735	
4,700.00	4,626.41	4,650.97	4,565.08	13.01	12.98	-124.46	282.70	663.03	786.92	761.35	25.56	30.781	
4,800.00	4,724.63	4,749.13	4,661.16	13.31	13.27	-124.22	289.34	681.99	805.74	779.59	26.14	30.819	
4,900.00	4,822.85	4,847.28	4,757.24	13.61	13.57	-123.99	295.99	700.95	824.57	797.84	26.73	30.849	
5,000.00	4,921.07	4,945.44	4,853.32	13.92	13.87	-123.77	302.64	719.91	843.42	816.10	27.32	30.872	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.30	5,043.60	4,949.39	14.23	14.17	-123.56	309.29	738.86	862.28	834.36	27.92	30.889		
5,200.00	5,117.52	5,141.76	5,045.47	14.54	14.48	-123.35	315.94	757.82	881.15	852.63	28.52	30.901		
5,300.00	5,215.74	5,239.91	5,141.55	14.86	14.79	-123.16	322.59	776.78	900.03	870.91	29.12	30.908		
5,400.00	5,313.96	5,338.07	5,237.63	15.17	15.10	-122.98	329.24	795.73	918.92	889.19	29.73	30.911		
5,500.00	5,412.18	5,436.23	5,333.71	15.49	15.41	-122.80	335.89	814.69	937.81	907.47	30.34	30.910		
5,600.00	5,510.41	5,534.38	5,429.79	15.81	15.72	-122.63	342.54	833.65	956.72	925.76	30.96	30.905		
5,700.00	5,608.63	5,632.54	5,525.87	16.13	16.04	-122.46	349.19	852.61	975.63	944.06	31.58	30.898		
5,800.00	5,706.85	5,730.70	5,621.95	16.46	16.35	-122.30	355.84	871.56	994.55	962.36	32.20	30.888		
5,900.00	5,805.07	5,828.86	5,718.03	16.78	16.67	-122.15	362.49	890.52	1,013.48	980.66	32.82	30.876		
6,000.00	5,903.29	5,927.01	5,814.11	17.11	16.99	-122.01	369.14	909.48	1,032.42	998.96	33.45	30.861		
6,100.00	6,001.52	6,025.17	5,910.19	17.44	17.31	-121.86	375.79	928.43	1,051.36	1,017.27	34.08	30.845		
6,200.00	6,099.74	6,123.33	6,006.27	17.76	17.64	-121.73	382.44	947.39	1,070.31	1,035.59	34.72	30.828		
6,300.00	6,197.96	6,221.49	6,102.35	18.09	17.96	-121.60	389.09	966.35	1,089.26	1,053.90	35.36	30.809		
6,400.00	6,296.18	6,319.64	6,198.43	18.43	18.28	-121.47	395.74	985.30	1,108.22	1,072.22	35.99	30.789		
6,500.00	6,394.41	6,417.80	6,294.51	18.76	18.61	-121.35	402.39	1,004.26	1,127.18	1,090.55	36.64	30.768		
6,600.00	6,492.63	6,515.96	6,390.59	19.09	18.94	-121.23	409.04	1,023.22	1,146.15	1,108.87	37.28	30.746		
6,700.00	6,590.85	6,614.12	6,486.67	19.43	19.26	-121.11	415.69	1,042.18	1,165.12	1,127.20	37.92	30.723		
6,800.00	6,689.07	6,712.27	6,582.75	19.76	19.59	-121.00	422.34	1,061.13	1,184.10	1,145.53	38.57	30.700		
6,900.00	6,787.26	6,798.17	6,666.37	20.10	19.90	-115.97	428.14	1,079.73	1,203.37	1,164.20	39.17	30.719		
7,000.00	6,883.33	6,876.69	6,740.27	20.48	20.24	-99.32	433.31	1,105.63	1,222.42	1,182.58	39.84	30.680		
7,100.00	6,974.38	6,954.92	6,810.16	20.94	20.66	-91.66	438.24	1,140.31	1,240.09	1,199.44	40.65	30.505		
7,200.00	7,058.15	7,033.14	6,875.28	21.48	21.14	-87.19	442.90	1,183.30	1,255.95	1,214.34	41.61	30.184		
7,300.00	7,132.58	7,111.62	6,934.84	22.09	21.70	-84.31	447.21	1,234.15	1,269.62	1,226.89	42.72	29.718		
7,400.00	7,195.84	7,190.63	6,988.03	22.78	22.34	-82.44	451.12	1,292.37	1,280.80	1,236.80	44.00	29.107		
7,500.00	7,246.38	7,270.39	7,034.02	23.55	23.05	-81.32	454.57	1,357.38	1,289.28	1,243.82	45.46	28.359		
7,600.00	7,282.95	7,351.14	7,071.95	24.40	23.83	-80.83	457.50	1,428.55	1,294.91	1,247.82	47.09	27.496		
7,700.00	7,304.64	7,433.12	7,100.95	25.31	24.69	-80.89	459.85	1,505.13	1,297.61	1,248.72	48.89	26.539		
7,800.00	7,310.97	7,516.57	7,120.14	26.27	25.61	-81.46	461.55	1,586.27	1,297.39	1,246.56	50.83	25.525		
7,900.00	7,310.51	7,602.44	7,128.68	27.29	26.58	-81.85	462.54	1,671.64	1,296.58	1,243.71	52.87	24.524		
7,919.47	7,310.42	7,633.18	7,129.04	27.50	26.93	-81.87	462.65	1,687.59	1,296.55	1,243.11	53.44	24.264		
8,000.00	7,310.05	7,701.08	7,128.69	28.38	27.73	-81.87	463.01	1,768.12	1,296.55	1,241.41	55.14	23.512		
8,100.00	7,309.59	7,801.08	7,128.26	29.52	28.94	-81.87	463.46	1,868.12	1,296.56	1,239.02	57.54	22.532		
8,200.00	7,309.13	7,901.08	7,127.84	30.72	30.20	-81.87	463.92	1,968.11	1,296.57	1,236.54	60.03	21.599		
8,300.00	7,308.67	8,001.08	7,127.41	31.97	31.49	-81.87	464.37	2,068.11	1,296.57	1,233.98	62.60	20.713		
8,400.00	7,308.21	8,101.08	7,126.98	33.25	32.82	-81.88	464.82	2,168.11	1,296.58	1,231.35	65.23	19.876		
8,500.00	7,307.75	8,201.08	7,126.56	34.57	34.18	-81.88	465.27	2,268.11	1,296.59	1,228.66	67.93	19.087		
8,600.00	7,307.29	8,301.08	7,126.13	35.92	35.57	-81.88	465.73	2,368.11	1,296.59	1,225.91	70.68	18.345		
8,700.00	7,306.83	8,401.08	7,125.70	37.30	36.98	-81.88	466.18	2,468.10	1,296.60	1,223.12	73.48	17.646		
8,800.00	7,306.37	8,501.08	7,125.27	38.70	38.41	-81.88	466.63	2,568.10	1,296.60	1,220.28	76.32	16.989		
8,900.00	7,305.91	8,601.08	7,124.85	40.12	39.85	-81.88	467.08	2,668.10	1,296.61	1,217.41	79.20	16.372		
9,000.00	7,305.45	8,701.08	7,124.42	41.56	41.32	-81.89	467.54	2,768.10	1,296.62	1,214.50	82.11	15.791		
9,100.00	7,304.99	8,801.08	7,123.99	43.02	42.80	-81.89	467.99	2,868.10	1,296.62	1,211.57	85.06	15.244		
9,200.00	7,304.53	8,901.08	7,123.57	44.50	44.29	-81.89	468.44	2,968.09	1,296.63	1,208.60	88.03	14.730		
9,300.00	7,304.07	9,001.08	7,123.14	45.99	45.80	-81.89	468.89	3,068.09	1,296.63	1,205.61	91.02	14.245		
9,400.00	7,303.61	9,101.08	7,122.71	47.49	47.32	-81.89	469.35	3,168.09	1,296.64	1,202.60	94.04	13.788		
9,500.00	7,303.15	9,201.08	7,122.29	49.00	48.84	-81.89	469.80	3,268.09	1,296.65	1,199.57	97.08	13.357		
9,600.00	7,302.69	9,301.08	7,121.86	50.52	50.38	-81.89	470.25	3,368.09	1,296.65	1,196.52	100.13	12.949		
9,700.00	7,302.23	9,401.08	7,121.43	52.06	51.92	-81.90	470.70	3,468.08	1,296.66	1,193.45	103.21	12.564		
9,800.00	7,301.77	9,501.08	7,121.00	53.60	53.48	-81.90	471.16	3,568.08	1,296.66	1,190.37	106.30	12.199		
9,900.00	7,301.31	9,601.08	7,120.58	55.14	55.04	-81.90	471.61	3,668.08	1,296.67	1,187.27	109.40	11.853		
10,000.00	7,300.85	9,701.08	7,120.15	56.70	56.60	-81.90	472.06	3,768.08	1,296.68	1,184.16	112.51	11.525		
10,100.00	7,300.39	9,801.08	7,119.72	58.26	58.17	-81.90	472.51	3,868.08	1,296.68	1,181.04	115.64	11.213		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,299.93	9,898.92	7,119.30	59.83	59.72	-81.90	472.97	3,968.07	1,296.69	1,177.94	118.74	10.920		
10,300.00	7,299.47	9,998.92	7,118.87	61.40	61.30	-81.90	473.42	4,068.07	1,296.69	1,174.80	121.89	10.638		
10,400.00	7,299.01	10,101.08	7,118.44	62.98	62.92	-81.91	473.87	4,168.07	1,296.70	1,171.62	125.08	10.367		
10,500.00	7,298.55	10,201.08	7,118.01	64.57	64.51	-81.91	474.32	4,268.07	1,296.71	1,168.46	128.25	10.111		
10,600.00	7,298.09	10,301.08	7,117.59	66.15	66.10	-81.91	474.78	4,368.07	1,296.71	1,165.29	131.42	9.867		
10,700.00	7,297.63	10,401.08	7,117.16	67.75	67.70	-81.91	475.23	4,468.07	1,296.72	1,162.12	134.60	9.634		
10,800.00	7,297.17	10,501.08	7,116.73	69.34	69.31	-81.91	475.68	4,568.06	1,296.73	1,158.93	137.79	9.411		
10,900.00	7,296.71	10,601.08	7,116.31	70.94	70.91	-81.91	476.13	4,668.06	1,296.73	1,155.75	140.99	9.198		
11,000.00	7,296.25	10,701.08	7,115.88	72.55	72.52	-81.92	476.59	4,768.06	1,296.74	1,152.55	144.19	8.994		
11,100.00	7,295.79	10,801.08	7,115.45	74.15	74.13	-81.92	477.04	4,868.06	1,296.74	1,149.35	147.39	8.798		
11,200.00	7,295.33	10,901.08	7,115.02	75.76	75.74	-81.92	477.49	4,968.06	1,296.75	1,146.15	150.60	8.610		
11,300.00	7,294.87	11,001.08	7,114.60	77.37	77.36	-81.92	477.94	5,068.05	1,296.76	1,142.94	153.82	8.430		
11,400.00	7,294.41	11,101.08	7,114.17	78.99	78.98	-81.92	478.39	5,168.05	1,296.76	1,139.72	157.04	8.258		
11,500.00	7,293.95	11,201.08	7,113.74	80.60	80.60	-81.92	478.85	5,268.05	1,296.77	1,136.51	160.26	8.092		
11,600.00	7,293.49	11,301.08	7,113.32	82.22	82.22	-81.92	479.30	5,368.05	1,296.77	1,133.28	163.49	7.932		
11,700.00	7,293.03	11,401.08	7,112.89	83.84	83.85	-81.93	479.75	5,468.05	1,296.78	1,130.06	166.72	7.778		
11,800.00	7,292.57	11,501.08	7,112.46	85.47	85.47	-81.93	480.20	5,568.04	1,296.79	1,126.83	169.96	7.630		
11,900.00	7,292.11	11,601.08	7,112.03	87.09	87.10	-81.93	480.66	5,668.04	1,296.79	1,123.59	173.20	7.487		
12,000.00	7,291.65	11,701.08	7,111.61	88.72	88.73	-81.93	481.11	5,768.04	1,296.80	1,120.36	176.44	7.350		
12,100.00	7,291.19	11,801.08	7,111.18	90.34	90.36	-81.93	481.56	5,868.04	1,296.81	1,117.12	179.69	7.217		
12,200.00	7,290.73	11,901.08	7,110.75	91.97	92.00	-81.93	482.01	5,968.04	1,296.81	1,113.87	182.94	7.089		
12,300.00	7,290.27	12,001.08	7,110.33	93.61	93.63	-81.93	482.47	6,068.03	1,296.82	1,110.63	186.19	6.965		
12,400.00	7,289.81	12,101.08	7,109.90	95.24	95.27	-81.94	482.92	6,168.03	1,296.82	1,107.38	189.44	6.845		
12,500.00	7,289.35	12,201.08	7,109.47	96.87	96.90	-81.94	483.37	6,268.03	1,296.83	1,104.13	192.70	6.730		
12,600.00	7,288.89	12,301.08	7,109.05	98.51	98.54	-81.94	483.82	6,368.03	1,296.84	1,100.88	195.96	6.618		
12,700.00	7,288.43	12,401.08	7,108.62	100.15	100.18	-81.94	484.28	6,468.03	1,296.84	1,097.62	199.22	6.510		
12,800.00	7,287.97	12,501.08	7,108.19	101.78	101.82	-81.94	484.73	6,568.02	1,296.85	1,094.37	202.48	6.405		
12,900.00	7,287.51	12,601.08	7,107.76	103.42	103.46	-81.94	485.18	6,668.02	1,296.85	1,091.11	205.75	6.303		
13,000.00	7,287.05	12,701.08	7,107.34	105.06	105.11	-81.95	485.63	6,768.02	1,296.86	1,087.85	209.01	6.205		
13,100.00	7,286.59	12,801.08	7,106.91	106.70	106.75	-81.95	486.09	6,868.02	1,296.87	1,084.58	212.28	6.109		
13,200.00	7,286.13	12,901.08	7,106.48	108.34	108.39	-81.95	486.54	6,968.02	1,296.87	1,081.32	215.55	6.016		
13,300.00	7,285.67	13,001.08	7,106.06	109.99	110.04	-81.95	486.99	7,068.01	1,296.88	1,078.05	218.83	5.927		
13,400.00	7,285.21	13,101.08	7,105.63	111.63	111.68	-81.95	487.44	7,168.01	1,296.88	1,074.78	222.10	5.839		
13,500.00	7,284.75	13,198.92	7,105.20	113.28	113.30	-81.95	487.90	7,268.01	1,296.89	1,071.55	225.34	5.755		
13,600.00	7,284.29	13,301.08	7,104.77	114.92	114.98	-81.95	488.35	7,368.01	1,296.90	1,068.24	228.65	5.672		
13,700.00	7,283.83	13,401.08	7,104.35	116.57	116.63	-81.96	488.80	7,468.01	1,296.90	1,064.97	231.93	5.592		
13,800.00	7,283.37	13,501.08	7,103.92	118.21	118.28	-81.96	489.25	7,568.01	1,296.91	1,061.70	235.21	5.514		
13,900.00	7,282.91	13,598.92	7,103.49	119.86	119.89	-81.96	489.71	7,668.00	1,296.92	1,058.46	238.46	5.439		
14,000.00	7,282.45	13,701.08	7,103.07	121.51	121.57	-81.96	490.16	7,768.00	1,296.92	1,055.15	241.77	5.364		
14,100.00	7,281.99	13,801.08	7,102.64	123.16	123.23	-81.96	490.61	7,868.00	1,296.93	1,051.87	245.06	5.292		
14,200.00	7,281.53	13,901.08	7,102.21	124.81	124.88	-81.96	491.06	7,968.00	1,296.93	1,048.59	248.34	5.222		
14,300.00	7,281.07	14,001.08	7,101.78	126.46	126.53	-81.96	491.52	8,068.00	1,296.94	1,045.31	251.63	5.154		
14,400.00	7,280.61	14,101.08	7,101.36	128.11	128.18	-81.97	491.97	8,167.99	1,296.95	1,042.03	254.92	5.088		
14,500.00	7,280.15	14,201.08	7,100.93	129.76	129.83	-81.97	492.42	8,267.99	1,296.95	1,038.75	258.20	5.023		
14,600.00	7,279.69	14,301.08	7,100.50	131.41	131.49	-81.97	492.87	8,367.99	1,296.96	1,035.47	261.49	4.960		
14,700.00	7,279.23	14,401.08	7,100.08	133.07	133.14	-81.97	493.33	8,467.99	1,296.96	1,032.18	264.78	4.898		
14,800.00	7,278.77	14,501.08	7,099.65	134.72	134.79	-81.97	493.78	8,567.99	1,296.97	1,028.90	268.07	4.838		
14,900.00	7,278.31	14,601.08	7,099.22	136.37	136.45	-81.97	494.23	8,667.98	1,296.98	1,025.61	271.36	4.779		
15,000.00	7,277.85	14,701.08	7,098.79	138.03	138.10	-81.98	494.68	8,767.98	1,296.98	1,022.33	274.66	4.722		
15,100.00	7,277.39	14,801.08	7,098.37	139.68	139.76	-81.98	495.14	8,867.98	1,296.99	1,019.04	277.95	4.666		
15,200.00	7,276.93	14,901.08	7,097.94	141.33	141.42	-81.98	495.59	8,967.98	1,297.00	1,015.75	281.24	4.612		
15,300.00	7,276.47	15,001.08	7,097.51	142.99	143.07	-81.98	496.04	9,067.98	1,297.00	1,012.46	284.54	4.558		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,400.00	7,276.01	15,098.92	7,097.09	144.65	144.69	-81.98	496.49	9,167.97	1,297.01	1,009.21	287.80	4.507	
15,500.00	7,275.55	15,201.08	7,096.66	146.30	146.39	-81.98	496.95	9,267.97	1,297.01	1,005.88	291.13	4.455	
15,600.00	7,275.09	15,301.08	7,096.23	147.96	148.04	-81.98	497.40	9,367.97	1,297.02	1,002.59	294.43	4.405	
15,700.00	7,274.63	15,401.08	7,095.81	149.61	149.70	-81.99	497.85	9,467.97	1,297.03	999.30	297.72	4.356	
15,800.00	7,274.17	15,501.08	7,095.38	151.27	151.36	-81.99	498.30	9,567.97	1,297.03	996.01	301.02	4.309	
15,900.00	7,273.71	15,601.08	7,094.95	152.93	153.02	-81.99	498.76	9,667.96	1,297.04	992.72	304.32	4.262	
16,000.00	7,273.25	15,701.08	7,094.52	154.59	154.67	-81.99	499.21	9,767.96	1,297.04	989.42	307.62	4.216	
16,100.00	7,272.79	15,801.08	7,094.10	156.24	156.33	-81.99	499.66	9,867.96	1,297.05	986.13	310.92	4.172	
16,200.00	7,272.33	15,901.08	7,093.67	157.90	157.99	-81.99	500.11	9,967.96	1,297.06	982.84	314.22	4.128	
16,300.00	7,271.87	16,001.08	7,093.24	159.56	159.65	-81.99	500.57	10,067.96	1,297.06	979.54	317.52	4.085	
16,400.00	7,271.41	16,101.08	7,092.82	161.22	161.31	-82.00	501.02	10,167.95	1,297.07	976.25	320.82	4.043	
16,500.00	7,270.95	16,201.08	7,092.39	162.88	162.97	-82.00	501.47	10,267.95	1,297.08	972.95	324.12	4.002	
16,600.00	7,270.49	16,298.92	7,091.96	164.54	164.60	-82.00	501.92	10,367.95	1,297.08	969.69	327.39	3.962	
16,700.00	7,270.03	16,401.08	7,091.53	166.20	166.29	-82.00	502.38	10,467.95	1,297.09	966.36	330.73	3.922	
16,800.00	7,269.57	16,501.08	7,091.11	167.86	167.95	-82.00	502.83	10,567.95	1,297.09	963.06	334.03	3.883	
16,900.00	7,269.11	16,601.08	7,090.68	169.52	169.61	-82.00	503.28	10,667.95	1,297.10	959.76	337.34	3.845	
17,000.00	7,268.65	16,701.08	7,090.25	171.18	171.28	-82.01	503.73	10,767.94	1,297.11	956.46	340.64	3.808	
17,100.00	7,268.19	16,801.08	7,089.83	172.84	172.94	-82.01	504.19	10,867.94	1,297.11	953.16	343.95	3.771	
17,200.00	7,267.73	16,901.08	7,089.40	174.50	174.60	-82.01	504.64	10,967.94	1,297.12	949.87	347.25	3.735	
17,300.00	7,267.27	17,001.08	7,088.97	176.16	176.26	-82.01	505.09	11,067.94	1,297.12	946.57	350.56	3.700	
17,400.00	7,266.81	17,101.08	7,088.54	177.82	177.92	-82.01	505.54	11,167.94	1,297.13	943.27	353.86	3.666	
17,500.00	7,266.35	17,201.08	7,088.12	179.48	179.58	-82.01	506.00	11,267.93	1,297.14	939.97	357.17	3.632	
17,600.00	7,265.89	17,301.08	7,087.69	181.14	181.25	-82.01	506.45	11,367.93	1,297.14	936.67	360.48	3.598	
17,700.00	7,265.43	17,401.08	7,087.26	182.81	182.91	-82.02	506.90	11,467.93	1,297.15	933.36	363.79	3.566	
17,800.00	7,264.97	17,501.08	7,086.84	184.47	184.57	-82.02	507.35	11,567.93	1,297.16	930.06	367.09	3.534	
17,893.49	7,264.54	17,607.59	7,086.44	186.02	186.34	-82.02	507.78	11,661.42	1,297.16	926.76	370.40	3.502 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 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	-89.65	0.73	-119.99	120.00				
100.00	100.00	102.00	102.00	3.28	3.28	-89.65	0.73	-119.99	120.00	112.47	7.53	15.938	
200.00	200.00	202.00	202.00	3.31	3.31	-89.65	0.73	-119.99	120.00	112.42	7.57	15.842	CC, ES
300.00	299.98	303.77	303.75	3.35	3.35	142.56	2.29	-119.66	121.08	113.42	7.66	15.808	
400.00	399.84	408.00	407.90	3.41	3.42	145.27	4.69	-116.18	122.09	114.31	7.78	15.700	
500.00	499.45	512.06	511.67	3.49	3.51	149.15	7.31	-108.93	122.76	114.83	7.94	15.471	
600.00	598.70	615.84	614.82	3.61	3.63	154.18	10.15	-97.96	123.59	115.46	8.14	15.192	
700.00	697.47	719.24	717.12	3.77	3.78	160.28	13.20	-83.33	125.23	116.85	8.38	14.938	
800.00	795.74	821.16	817.40	3.96	3.97	167.13	16.41	-65.42	127.92	119.23	8.69	14.718	
900.00	893.96	919.95	914.42	4.19	4.19	173.70	19.58	-47.08	131.78	122.71	9.07	14.531	
1,000.00	992.19	1,018.74	1,011.44	4.45	4.44	179.82	22.75	-28.74	137.29	127.80	9.49	14.464	
1,100.00	1,090.41	1,117.53	1,108.46	4.73	4.70	-174.58	25.92	-10.40	144.27	134.31	9.96	14.484	
1,200.00	1,188.63	1,216.32	1,205.49	5.03	4.98	-169.54	29.08	7.94	152.50	142.03	10.47	14.565	
1,300.00	1,286.85	1,315.11	1,302.51	5.34	5.28	-165.03	32.25	26.29	161.81	150.79	11.02	14.686	
1,400.00	1,385.07	1,413.90	1,399.53	5.67	5.59	-161.02	35.42	44.63	172.02	160.42	11.60	14.832	
1,500.00	1,483.30	1,512.69	1,496.55	6.00	5.91	-157.48	38.59	62.97	182.97	170.76	12.21	14.990	
1,600.00	1,581.52	1,611.48	1,593.57	6.35	6.24	-154.34	41.76	81.31	194.54	181.70	12.84	15.153	
1,700.00	1,679.74	1,710.27	1,690.59	6.70	6.58	-151.56	44.92	99.65	206.63	193.14	13.49	15.317	
1,800.00	1,777.96	1,809.06	1,787.61	7.06	6.91	-149.08	48.09	117.99	219.15	205.00	14.14	15.493	
1,900.00	1,876.19	1,907.85	1,884.63	7.26	7.08	-146.88	51.26	136.33	232.03	217.88	14.14	16.407	
2,000.00	1,974.41	2,006.65	1,981.66	7.31	7.13	-144.91	54.43	154.68	245.21	230.96	14.25	17.204	
2,100.00	2,072.63	2,105.44	2,078.68	7.37	7.19	-143.14	57.60	173.02	258.65	244.26	14.40	17.968	
2,200.00	2,170.85	2,204.23	2,175.70	7.45	7.27	-141.54	60.76	191.36	272.31	257.75	14.57	18.696	
2,300.00	2,269.07	2,303.02	2,272.72	7.54	7.36	-140.10	63.93	209.70	286.16	271.40	14.76	19.383	
2,400.00	2,367.30	2,401.81	2,369.74	7.65	7.46	-138.79	67.10	228.04	300.17	285.18	14.99	20.025	
2,500.00	2,465.52	2,500.60	2,466.76	7.78	7.59	-137.60	70.27	246.38	314.33	299.08	15.24	20.621	
2,600.00	2,563.74	2,600.61	2,563.78	7.92	7.72	-136.51	73.44	264.72	328.60	313.08	15.52	21.168	
2,700.00	2,661.96	2,701.82	2,660.80	8.07	7.88	-135.51	76.61	283.07	342.98	327.15	15.83	21.665	
2,800.00	2,760.18	2,803.03	2,757.82	8.24	8.04	-134.60	79.77	301.41	357.46	341.29	16.16	22.117	
2,900.00	2,858.41	2,904.24	2,854.85	8.42	8.22	-133.75	82.94	319.75	372.01	355.50	16.52	22.524	
3,000.00	2,956.63	3,005.45	2,951.87	8.61	8.41	-132.97	86.11	338.09	386.65	369.75	16.89	22.889	
3,100.00	3,054.85	3,106.66	3,048.89	8.81	8.60	-132.24	89.28	356.43	401.34	384.06	17.29	23.216	
3,200.00	3,153.07	3,207.87	3,145.91	9.02	8.81	-131.57	92.45	374.77	416.10	398.40	17.70	23.506	
3,300.00	3,251.30	3,309.08	3,242.93	9.24	9.03	-130.94	95.61	393.12	430.91	412.77	18.13	23.763	
3,400.00	3,349.52	3,389.71	3,339.95	9.47	9.21	-130.35	98.78	411.46	445.76	427.23	18.54	24.049	
3,500.00	3,447.74	3,488.50	3,436.97	9.71	9.44	-129.80	101.95	429.80	460.66	441.67	18.99	24.256	
3,600.00	3,545.96	3,587.29	3,533.99	9.95	9.67	-129.29	105.12	448.14	475.60	456.14	19.46	24.438	
3,700.00	3,644.18	3,686.08	3,631.02	10.21	9.91	-128.81	108.29	466.48	490.58	470.63	19.95	24.596	
3,800.00	3,742.41	3,784.87	3,728.04	10.46	10.16	-128.35	111.45	484.82	505.58	485.14	20.44	24.734	
3,900.00	3,840.63	3,883.66	3,825.06	10.73	10.41	-127.92	114.62	503.16	520.62	499.67	20.95	24.854	
4,000.00	3,938.85	3,982.45	3,922.08	11.00	10.67	-127.52	117.79	521.51	535.68	514.21	21.46	24.957	
4,100.00	4,037.07	4,081.25	4,019.10	11.27	10.93	-127.14	120.96	539.85	550.76	528.77	21.99	25.045	
4,200.00	4,135.30	4,180.04	4,116.12	11.55	11.20	-126.77	124.13	558.19	565.87	543.35	22.53	25.121	
4,300.00	4,233.52	4,278.83	4,213.14	11.83	11.47	-126.43	127.29	576.53	581.00	557.93	23.07	25.184	
4,400.00	4,331.74	4,377.62	4,310.16	12.12	11.74	-126.11	130.46	594.87	596.15	572.53	23.62	25.237	
4,500.00	4,429.96	4,476.41	4,407.19	12.41	12.02	-125.80	133.63	613.21	611.32	587.14	24.18	25.280	
4,600.00	4,528.18	4,575.20	4,504.21	12.71	12.31	-125.50	136.80	631.56	626.50	601.75	24.75	25.315	
4,700.00	4,626.41	4,673.99	4,601.23	13.01	12.59	-125.22	139.97	649.90	641.70	616.38	25.32	25.343	
4,800.00	4,724.63	4,772.78	4,698.25	13.31	12.88	-124.95	143.13	668.24	656.92	631.02	25.90	25.365	
4,900.00	4,822.85	4,871.57	4,795.27	13.61	13.17	-124.70	146.30	686.58	672.14	645.66	26.48	25.380	
5,000.00	4,921.07	4,970.36	4,892.29	13.92	13.47	-124.45	149.47	704.92	687.38	660.31	27.07	25.391	
5,100.00	5,019.30	5,069.15	4,989.31	14.23	13.76	-124.22	152.64	723.26	702.63	674.97	27.67	25.397	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,117.52	5,167.94	5,086.33	14.54	14.06	-124.00	155.81	741.60	717.89	689.63	28.26	25.399		
5,300.00	5,215.74	5,266.73	5,183.35	14.86	14.36	-123.78	158.97	759.95	733.17	704.30	28.87	25.397		
5,400.00	5,313.96	5,365.52	5,280.38	15.17	14.67	-123.58	162.14	778.29	748.45	718.97	29.47	25.393		
5,500.00	5,412.18	5,464.31	5,377.40	15.49	14.97	-123.38	165.31	796.63	763.74	733.65	30.09	25.386		
5,600.00	5,510.41	5,563.10	5,474.42	15.81	15.28	-123.19	168.48	814.97	779.04	748.34	30.70	25.376		
5,700.00	5,608.63	5,661.89	5,571.44	16.13	15.59	-123.01	171.65	833.31	794.35	763.03	31.32	25.364		
5,800.00	5,706.85	5,760.68	5,668.46	16.46	15.90	-122.83	174.81	851.65	809.66	777.72	31.94	25.351		
5,900.00	5,805.07	5,859.47	5,765.48	16.78	16.21	-122.66	177.98	869.99	824.98	792.42	32.56	25.336		
6,000.00	5,903.29	5,958.26	5,862.50	17.11	16.52	-122.50	181.15	888.34	840.31	807.12	33.19	25.319		
6,100.00	6,001.52	6,057.05	5,959.52	17.44	16.84	-122.34	184.32	906.68	855.65	821.83	33.82	25.301		
6,200.00	6,099.74	6,155.85	6,056.55	17.76	17.15	-122.19	187.49	925.02	870.99	836.54	34.45	25.283		
6,300.00	6,197.96	6,254.64	6,153.57	18.09	17.47	-122.05	190.65	943.36	886.34	851.25	35.08	25.263		
6,400.00	6,296.18	6,353.43	6,250.59	18.43	17.79	-121.90	193.82	961.70	901.69	865.97	35.72	25.243		
6,500.00	6,394.41	6,452.22	6,347.61	18.76	18.11	-121.77	196.99	980.04	917.05	880.69	36.36	25.222		
6,600.00	6,492.63	6,551.01	6,444.63	19.09	18.43	-121.64	200.16	998.39	932.41	895.41	37.00	25.200		
6,700.00	6,590.85	6,649.80	6,541.65	19.43	18.75	-121.51	203.33	1,016.73	947.78	910.13	37.64	25.178		
6,800.00	6,689.07	6,748.59	6,638.67	19.76	19.07	-121.38	206.49	1,035.07	963.15	924.86	38.29	25.156		
6,900.00	6,787.26	6,836.02	6,724.22	20.10	19.37	-116.41	209.36	1,052.77	978.81	939.92	38.89	25.167		
7,000.00	6,883.33	6,913.89	6,798.13	20.48	19.70	-100.07	212.25	1,076.99	994.73	955.19	39.54	25.155		
7,100.00	6,974.38	6,991.43	6,868.22	20.94	20.09	-92.68	215.47	1,109.89	1,009.94	969.62	40.32	25.046		
7,200.00	7,058.15	7,068.93	6,933.74	21.48	20.56	-88.44	218.96	1,151.03	1,024.07	982.83	41.24	24.831		
7,300.00	7,132.58	7,146.67	6,993.95	22.09	21.09	-85.76	222.69	1,199.98	1,036.80	994.50	42.30	24.509		
7,400.00	7,195.84	7,224.92	7,048.07	22.78	21.70	-84.04	226.62	1,256.30	1,047.89	1,004.36	43.53	24.073		
7,500.00	7,246.38	7,303.96	7,095.29	23.55	22.38	-83.04	230.71	1,319.49	1,057.12	1,012.20	44.92	23.531		
7,600.00	7,282.95	7,384.09	7,134.79	24.40	23.14	-82.60	234.92	1,389.01	1,064.38	1,017.88	46.50	22.890		
7,700.00	7,304.64	7,465.59	7,165.68	25.31	23.98	-82.68	239.19	1,464.26	1,069.57	1,021.33	48.24	22.170		
7,800.00	7,310.97	7,548.80	7,187.02	26.27	24.87	-83.25	243.46	1,544.51	1,072.69	1,022.56	50.13	21.397		
7,900.00	7,310.51	7,634.93	7,197.89	27.29	25.84	-83.87	247.73	1,629.78	1,075.74	1,023.58	52.15	20.627		
8,000.00	7,310.05	7,729.18	7,198.75	28.38	26.93	-83.96	252.17	1,723.90	1,079.83	1,025.48	54.35	19.869		
8,100.00	7,309.59	7,829.09	7,198.28	29.52	28.13	-83.98	256.85	1,823.70	1,084.05	1,027.32	56.73	19.108		
8,200.00	7,309.13	7,929.00	7,197.82	30.72	29.37	-84.01	261.53	1,923.50	1,088.27	1,029.06	59.21	18.381		
8,300.00	7,308.67	8,028.91	7,197.36	31.97	30.65	-84.03	266.21	2,023.30	1,092.49	1,030.72	61.76	17.688		
8,400.00	7,308.21	8,128.82	7,196.89	33.25	31.97	-84.05	270.88	2,123.10	1,096.71	1,032.31	64.39	17.032		
8,500.00	7,307.75	8,228.73	7,196.43	34.57	33.32	-84.08	275.56	2,222.90	1,100.92	1,033.84	67.08	16.411		
8,600.00	7,307.29	8,328.64	7,195.96	35.92	34.70	-84.10	280.24	2,322.70	1,105.14	1,035.31	69.83	15.826		
8,700.00	7,306.83	8,428.55	7,195.50	37.30	36.10	-84.12	284.92	2,422.50	1,109.36	1,036.74	72.63	15.275		
8,800.00	7,306.37	8,528.46	7,195.04	38.70	37.52	-84.14	289.60	2,522.30	1,113.58	1,038.12	75.47	14.756		
8,900.00	7,305.91	8,628.37	7,194.57	40.12	38.96	-84.16	294.27	2,622.10	1,117.80	1,039.46	78.34	14.268		
9,000.00	7,305.45	8,728.28	7,194.11	41.56	40.42	-84.19	298.95	2,721.90	1,122.02	1,040.76	81.26	13.808		
9,100.00	7,304.99	8,828.19	7,193.64	43.02	41.90	-84.21	303.63	2,821.70	1,126.24	1,042.04	84.20	13.375		
9,200.00	7,304.53	8,928.10	7,193.18	44.50	43.39	-84.23	308.31	2,921.49	1,130.46	1,043.28	87.18	12.968		
9,300.00	7,304.07	9,028.01	7,192.72	45.99	44.89	-84.25	312.99	3,021.29	1,134.68	1,044.51	90.17	12.583		
9,400.00	7,303.61	9,127.92	7,192.25	47.49	46.40	-84.27	317.66	3,121.09	1,138.90	1,045.71	93.19	12.221		
9,500.00	7,303.15	9,227.83	7,191.79	49.00	47.92	-84.29	322.34	3,220.89	1,143.12	1,046.89	96.24	11.878		
9,600.00	7,302.69	9,327.74	7,191.32	50.52	49.45	-84.31	327.02	3,320.69	1,147.34	1,048.05	99.30	11.555		
9,700.00	7,302.23	9,427.65	7,190.86	52.06	50.99	-84.33	331.70	3,420.49	1,151.56	1,049.19	102.37	11.249		
9,800.00	7,301.77	9,527.56	7,190.40	53.60	52.54	-84.35	336.38	3,520.29	1,155.78	1,050.32	105.47	10.959		
9,900.00	7,301.31	9,627.47	7,189.93	55.14	54.09	-84.37	341.05	3,620.09	1,160.00	1,051.43	108.57	10.684		
10,000.00	7,300.85	9,727.38	7,189.47	56.70	55.65	-84.40	345.73	3,719.89	1,164.22	1,052.53	111.69	10.423		
10,100.00	7,300.39	9,827.29	7,189.00	58.26	57.22	-84.42	350.41	3,819.69	1,168.45	1,053.62	114.83	10.176		
10,200.00	7,299.93	9,927.20	7,188.54	59.83	58.79	-84.44	355.09	3,919.49	1,172.67	1,054.70	117.97	9.941		
10,300.00	7,299.47	10,042.71	7,188.00	61.40	60.62	-84.46	360.24	4,034.88	1,176.74	1,055.27	121.47	9.687		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	7,299.01	10,207.87	7,187.31	62.98	63.24	-84.46	361.50	4,184.28	1,176.94	1,051.06	125.87	9.350	
10,500.00	7,298.55	10,307.88	7,186.84	64.57	64.84	-84.45	360.63	4,284.26	1,175.64	1,046.58	129.05	9.110	
10,600.00	7,298.09	10,407.89	7,186.38	66.15	66.43	-84.45	359.76	4,384.25	1,174.34	1,042.10	132.24	8.880	
10,700.00	7,297.63	10,507.90	7,185.91	67.75	68.03	-84.44	358.90	4,484.24	1,173.03	1,037.60	135.43	8.661	
10,800.00	7,297.17	10,607.90	7,185.44	69.34	69.64	-84.43	358.03	4,584.22	1,171.73	1,033.10	138.63	8.452	
10,900.00	7,296.71	10,692.09	7,184.98	70.94	70.99	-84.43	357.17	4,684.21	1,170.43	1,028.85	141.58	8.267	
11,000.00	7,296.25	10,807.92	7,184.51	72.55	72.86	-84.42	356.30	4,784.20	1,169.13	1,024.08	145.05	8.060	
11,100.00	7,295.79	10,907.93	7,184.05	74.15	74.47	-84.41	355.43	4,884.18	1,167.83	1,019.56	148.27	7.876	
11,200.00	7,295.33	11,007.94	7,183.58	75.76	76.08	-84.41	354.57	4,984.17	1,166.53	1,015.04	151.49	7.700	
11,300.00	7,294.87	11,107.95	7,183.12	77.37	77.70	-84.40	353.70	5,084.16	1,165.23	1,010.51	154.72	7.531	
11,400.00	7,294.41	11,207.96	7,182.65	78.99	79.32	-84.39	352.84	5,184.14	1,163.93	1,005.98	157.95	7.369	
11,500.00	7,293.95	11,307.96	7,182.18	80.60	80.95	-84.39	351.97	5,284.13	1,162.63	1,001.44	161.19	7.213	
11,600.00	7,293.49	11,407.97	7,181.72	82.22	82.57	-84.38	351.10	5,384.12	1,161.33	996.90	164.43	7.063	
11,700.00	7,293.03	11,492.02	7,181.25	83.84	83.94	-84.37	350.24	5,484.10	1,160.03	992.61	167.41	6.929	
11,800.00	7,292.57	11,607.99	7,180.79	85.47	85.83	-84.37	349.37	5,584.09	1,158.72	987.80	170.92	6.779	
11,900.00	7,292.11	11,708.00	7,180.32	87.09	87.46	-84.36	348.50	5,684.08	1,157.42	983.25	174.17	6.645	
12,000.00	7,291.65	11,808.01	7,179.85	88.72	89.09	-84.35	347.64	5,784.06	1,156.12	978.70	177.42	6.516	
12,100.00	7,291.19	11,908.01	7,179.39	90.34	90.72	-84.35	346.77	5,884.05	1,154.82	974.14	180.68	6.391	
12,200.00	7,290.73	12,008.02	7,178.92	91.97	92.35	-84.34	345.91	5,984.04	1,153.52	969.58	183.94	6.271	
12,300.00	7,290.27	12,108.03	7,178.46	93.61	93.99	-84.33	345.04	6,084.02	1,152.22	965.02	187.20	6.155	
12,400.00	7,289.81	12,208.04	7,177.99	95.24	95.63	-84.33	344.17	6,184.01	1,150.92	960.45	190.47	6.043	
12,500.00	7,289.35	12,308.05	7,177.53	96.87	97.27	-84.32	343.31	6,284.00	1,149.62	955.88	193.73	5.934	
12,600.00	7,288.89	12,408.06	7,177.06	98.51	98.91	-84.31	342.44	6,383.98	1,148.32	951.31	197.00	5.829	
12,700.00	7,288.43	12,508.07	7,176.59	100.15	100.55	-84.31	341.58	6,483.97	1,147.02	946.74	200.28	5.727	
12,800.00	7,287.97	12,608.07	7,176.13	101.78	102.19	-84.30	340.71	6,583.96	1,145.72	942.17	203.55	5.629	
12,900.00	7,287.51	12,708.08	7,175.66	103.42	103.83	-84.29	339.84	6,683.94	1,144.42	937.59	206.82	5.533	
13,000.00	7,287.05	12,808.09	7,175.20	105.06	105.48	-84.29	338.98	6,783.93	1,143.12	933.01	210.10	5.441	
13,100.00	7,286.59	12,908.10	7,174.73	106.70	107.12	-84.28	338.11	6,883.92	1,141.81	928.43	213.38	5.351	
13,200.00	7,286.13	13,008.11	7,174.27	108.34	108.77	-84.27	337.25	6,983.90	1,140.51	923.85	216.66	5.264	
13,300.00	7,285.67	13,108.12	7,173.80	109.99	110.41	-84.27	336.38	7,083.89	1,139.21	919.27	219.94	5.180	
13,400.00	7,285.21	13,208.13	7,173.33	111.63	112.06	-84.26	335.51	7,183.88	1,137.91	914.69	223.23	5.098	
13,500.00	7,284.75	13,308.13	7,172.87	113.28	113.71	-84.25	334.65	7,283.86	1,136.61	910.10	226.51	5.018	
13,600.00	7,284.29	13,408.14	7,172.40	114.92	115.36	-84.25	333.78	7,383.85	1,135.31	905.51	229.80	4.940	
13,700.00	7,283.83	13,508.15	7,171.94	116.57	117.01	-84.24	332.92	7,483.83	1,134.01	900.92	233.09	4.865	
13,800.00	7,283.37	13,608.16	7,171.47	118.21	118.66	-84.23	332.05	7,583.82	1,132.71	896.33	236.38	4.792	
13,900.00	7,282.91	13,708.17	7,171.00	119.86	120.31	-84.22	331.18	7,683.81	1,131.41	891.74	239.67	4.721	
14,000.00	7,282.45	13,808.18	7,170.54	121.51	121.96	-84.22	330.32	7,783.79	1,130.11	887.15	242.96	4.651	
14,100.00	7,281.99	13,908.19	7,170.07	123.16	123.61	-84.21	329.45	7,883.78	1,128.81	882.56	246.25	4.584	
14,200.00	7,281.53	14,008.19	7,169.61	124.81	125.27	-84.20	328.59	7,983.77	1,127.51	877.96	249.54	4.518	
14,300.00	7,281.07	14,108.20	7,169.14	126.46	126.92	-84.20	327.72	8,083.75	1,126.21	873.37	252.84	4.454	
14,400.00	7,280.61	14,208.21	7,168.68	128.11	128.57	-84.19	326.85	8,183.74	1,124.91	868.77	256.13	4.392	
14,500.00	7,280.15	14,308.22	7,168.21	129.76	130.23	-84.18	325.99	8,283.73	1,123.61	864.18	259.43	4.331	
14,600.00	7,279.69	14,408.23	7,167.74	131.41	131.88	-84.18	325.12	8,383.71	1,122.31	859.58	262.73	4.272	
14,700.00	7,279.23	14,508.24	7,167.28	133.07	133.54	-84.17	324.25	8,483.70	1,121.01	854.98	266.03	4.214	
14,800.00	7,278.77	14,608.25	7,166.81	134.72	135.19	-84.16	323.39	8,583.69	1,119.71	850.38	269.32	4.157	
14,900.00	7,278.31	14,708.25	7,166.35	136.37	136.85	-84.15	322.52	8,683.67	1,118.41	845.78	272.62	4.102	
15,000.00	7,277.85	14,808.26	7,165.88	138.03	138.51	-84.15	321.66	8,783.66	1,117.11	841.18	275.93	4.049	
15,100.00	7,277.39	14,908.27	7,165.41	139.68	140.16	-84.14	320.79	8,883.65	1,115.80	836.58	279.23	3.996	
15,200.00	7,276.93	15,008.28	7,164.95	141.33	141.82	-84.13	319.92	8,983.63	1,114.50	831.98	282.53	3.945	
15,300.00	7,276.47	15,108.29	7,164.48	142.99	143.48	-84.13	319.06	9,083.62	1,113.20	827.37	285.83	3.895	
15,400.00	7,276.01	15,208.30	7,164.02	144.65	145.14	-84.12	318.19	9,183.61	1,111.90	822.77	289.14	3.846	
15,500.00	7,275.55	15,308.31	7,163.55	146.30	146.80	-84.11	317.33	9,283.59	1,110.60	818.16	292.44	3.798	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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		
15,600.00	7,275.09	15,408.31	7,163.09	147.96	148.45	-84.10	316.46	9,383.58	1,109.30	813.56	295.74	3.751		
15,700.00	7,274.63	15,508.32	7,162.62	149.61	150.11	-84.10	315.59	9,483.57	1,108.00	808.95	299.05	3.705		
15,800.00	7,274.17	15,608.33	7,162.15	151.27	151.77	-84.09	314.73	9,583.55	1,106.70	804.35	302.35	3.660		
15,900.00	7,273.71	15,708.34	7,161.69	152.93	153.43	-84.08	313.86	9,683.54	1,105.40	799.74	305.66	3.616		
16,000.00	7,273.25	15,808.35	7,161.22	154.59	155.09	-84.08	313.00	9,783.53	1,104.10	795.13	308.97	3.574		
16,100.00	7,272.79	15,908.36	7,160.76	156.24	156.75	-84.07	312.13	9,883.51	1,102.80	790.53	312.28	3.532		
16,200.00	7,272.33	16,008.37	7,160.29	157.90	158.41	-84.06	311.26	9,983.50	1,101.50	785.92	315.58	3.490		
16,300.00	7,271.87	16,108.37	7,159.83	159.56	160.08	-84.05	310.40	10,083.49	1,100.20	781.31	318.89	3.450		
16,400.00	7,271.41	16,208.38	7,159.36	161.22	161.74	-84.05	309.53	10,183.47	1,098.90	776.70	322.20	3.411		
16,500.00	7,270.95	16,308.39	7,158.89	162.88	163.40	-84.04	308.67	10,283.46	1,097.60	772.09	325.51	3.372		
16,600.00	7,270.49	16,408.40	7,158.43	164.54	165.06	-84.03	307.80	10,383.45	1,096.30	767.48	328.82	3.334		
16,700.00	7,270.03	16,508.41	7,157.96	166.20	166.72	-84.02	306.93	10,483.43	1,095.00	762.87	332.13	3.297		
16,800.00	7,269.57	16,608.42	7,157.50	167.86	168.38	-84.02	306.07	10,583.42	1,093.70	758.26	335.44	3.261		
16,900.00	7,269.11	16,708.43	7,157.03	169.52	170.05	-84.01	305.20	10,683.41	1,092.40	753.65	338.75	3.225		
17,000.00	7,268.65	16,791.57	7,156.56	171.18	171.43	-84.00	304.34	10,783.39	1,091.10	749.32	341.78	3.192		
17,100.00	7,268.19	16,908.44	7,156.10	172.84	173.37	-83.99	303.47	10,883.38	1,089.80	744.43	345.37	3.155		
17,200.00	7,267.73	17,008.45	7,155.63	174.50	175.04	-83.99	302.60	10,983.37	1,088.50	739.82	348.68	3.122		
17,300.00	7,267.27	17,108.46	7,155.17	176.16	176.70	-83.98	301.74	11,083.35	1,087.20	735.21	352.00	3.089		
17,400.00	7,266.81	17,208.47	7,154.70	177.82	178.36	-83.97	300.87	11,183.34	1,085.90	730.59	355.31	3.056		
17,500.00	7,266.35	17,308.48	7,154.24	179.48	180.03	-83.96	300.00	11,283.33	1,084.60	725.98	358.62	3.024		
17,600.00	7,265.89	17,408.49	7,153.77	181.14	181.69	-83.96	299.14	11,383.31	1,083.30	721.37	361.93	2.993		
17,700.00	7,265.43	17,508.49	7,153.30	182.81	183.35	-83.95	298.27	11,483.30	1,082.00	716.76	365.25	2.962		
17,800.00	7,264.97	17,608.50	7,152.84	184.47	185.02	-83.94	297.41	11,583.29	1,080.70	712.14	368.56	2.932		
17,893.49	7,264.54	17,684.98	7,152.40	186.02	186.29	-83.93	296.60	11,676.76	1,079.49	708.11	371.38	2.907 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.62	1.46	-219.94	219.95				
100.00	100.00	103.00	103.00	3.28	3.28	-89.62	1.46	-219.94	219.95	212.42	7.53	29.213	
200.00	200.00	203.00	203.00	3.31	3.31	-89.62	1.46	-219.94	219.95	212.37	7.57	29.036	CC, ES
300.00	299.98	303.16	303.16	3.35	3.35	141.60	1.46	-219.94	221.31	213.65	7.66	28.887	
400.00	399.84	409.11	409.08	3.41	3.42	142.80	2.82	-218.38	224.00	216.21	7.79	28.760	
500.00	499.45	514.62	514.42	3.49	3.52	145.19	6.74	-213.89	227.00	219.04	7.96	28.525	
600.00	598.70	619.35	618.69	3.61	3.64	148.67	13.15	-206.54	230.88	222.70	8.17	28.246	
700.00	697.47	722.98	721.45	3.77	3.79	153.10	21.95	-196.46	236.42	227.98	8.44	28.006	
800.00	795.74	825.30	822.36	3.96	3.96	158.26	33.03	-183.75	244.00	235.24	8.76	27.838	
900.00	893.96	926.47	921.49	4.19	4.18	163.77	46.31	-168.53	252.06	242.91	9.14	27.569	
1,000.00	992.19	1,026.32	1,018.57	4.45	4.43	169.53	61.66	-150.93	260.98	251.40	9.58	27.234	
1,100.00	1,090.41	1,124.63	1,113.29	4.73	4.73	175.47	78.94	-131.12	271.45	261.37	10.09	26.909	
1,200.00	1,188.63	1,219.97	1,204.57	5.03	5.07	-178.81	97.04	-110.38	284.30	273.65	10.65	26.696	
1,300.00	1,286.85	1,314.93	1,295.47	5.34	5.43	-173.61	115.09	-89.68	299.88	288.63	11.25	26.656	
1,400.00	1,385.07	1,409.88	1,386.36	5.67	5.81	-168.93	133.14	-68.99	317.80	305.92	11.88	26.750	
1,500.00	1,483.30	1,504.84	1,477.26	6.00	6.21	-164.73	151.19	-48.29	337.69	325.16	12.54	26.939	
1,600.00	1,581.52	1,600.21	1,568.16	6.35	6.62	-161.00	169.25	-27.60	359.22	346.01	13.21	27.191	
1,700.00	1,679.74	1,705.26	1,659.05	6.70	7.09	-157.67	187.30	-6.91	382.12	368.17	13.95	27.399	
1,800.00	1,777.96	1,789.70	1,749.95	7.06	7.48	-154.72	205.35	13.79	406.14	391.54	14.60	27.815	
1,900.00	1,876.19	1,884.65	1,840.85	7.26	7.75	-152.09	223.40	34.48	431.12	416.48	14.64	29.447	
2,000.00	1,974.41	1,979.60	1,931.74	7.31	7.84	-149.74	241.45	55.17	456.88	442.12	14.76	30.957	
2,100.00	2,072.63	2,074.56	2,022.64	7.37	7.93	-147.63	259.50	75.87	483.30	468.42	14.88	32.482	
2,200.00	2,170.85	2,169.51	2,113.54	7.45	8.03	-145.74	277.56	96.56	510.28	495.25	15.03	33.944	
2,300.00	2,269.07	2,264.47	2,204.43	7.54	8.16	-144.04	295.61	117.25	537.74	522.52	15.22	35.332	
2,400.00	2,367.30	2,359.42	2,295.33	7.65	8.30	-142.50	313.66	137.95	565.61	550.17	15.44	36.636	
2,500.00	2,465.52	2,454.37	2,386.22	7.78	8.46	-141.10	331.71	158.64	593.82	578.13	15.69	37.853	
2,600.00	2,563.74	2,549.33	2,477.12	7.92	8.63	-139.83	349.76	179.33	622.34	606.37	15.97	38.980	
2,700.00	2,661.96	2,644.28	2,568.02	8.07	8.82	-138.67	367.81	200.03	651.12	634.84	16.27	40.016	
2,800.00	2,760.18	2,739.24	2,658.91	8.24	9.03	-137.60	385.87	220.72	680.12	663.52	16.60	40.964	
2,900.00	2,858.41	2,834.19	2,749.81	8.42	9.25	-136.62	403.92	241.41	709.33	692.37	16.96	41.825	
3,000.00	2,956.63	2,929.14	2,840.71	8.61	9.48	-135.72	421.97	262.11	738.72	721.38	17.34	42.605	
3,100.00	3,054.85	3,024.10	2,931.60	8.81	9.72	-134.89	440.02	282.80	768.26	750.52	17.74	43.307	
3,200.00	3,153.07	3,119.05	3,022.50	9.02	9.97	-134.12	458.07	303.49	797.94	779.78	18.16	43.938	
3,300.00	3,251.30	3,214.00	3,113.40	9.24	10.23	-133.40	476.12	324.19	827.74	809.14	18.60	44.501	
3,400.00	3,349.52	3,308.96	3,204.29	9.47	10.51	-132.73	494.18	344.88	857.66	838.60	19.06	45.004	
3,500.00	3,447.74	3,403.91	3,295.19	9.71	10.79	-132.11	512.23	365.57	887.67	868.14	19.53	45.450	
3,600.00	3,545.96	3,501.13	3,386.08	9.95	11.08	-131.52	530.28	386.27	917.78	897.75	20.03	45.830	
3,700.00	3,644.18	3,606.18	3,476.98	10.21	11.41	-130.98	548.33	406.96	947.97	927.41	20.56	46.110	
3,800.00	3,742.41	3,688.77	3,567.88	10.46	11.67	-130.46	566.38	427.65	978.23	957.19	21.04	46.501	
3,900.00	3,840.63	3,783.73	3,658.77	10.73	11.98	-129.98	584.43	448.35	1,008.56	987.00	21.56	46.771	
4,000.00	3,938.85	3,878.68	3,749.67	11.00	12.30	-129.53	602.49	469.04	1,038.95	1,016.85	22.10	47.007	
4,100.00	4,037.07	3,973.64	3,840.57	11.27	12.62	-129.10	620.54	489.73	1,069.40	1,046.75	22.65	47.213	
4,200.00	4,135.30	4,068.59	3,931.46	11.55	12.94	-128.69	638.59	510.43	1,099.90	1,076.69	23.21	47.392	
4,300.00	4,233.52	4,163.54	4,022.36	11.83	13.27	-128.31	656.64	531.12	1,130.44	1,106.67	23.78	47.547	
4,400.00	4,331.74	4,258.50	4,113.26	12.12	13.60	-127.95	674.69	551.81	1,161.03	1,136.68	24.35	47.680	
4,500.00	4,429.96	4,353.45	4,204.15	12.41	13.94	-127.60	692.74	572.51	1,191.66	1,166.73	24.93	47.794	
4,600.00	4,528.18	4,448.40	4,295.05	12.71	14.28	-127.28	710.80	593.20	1,222.33	1,196.81	25.52	47.891	
4,700.00	4,626.41	4,543.36	4,385.94	13.01	14.63	-126.96	728.85	613.89	1,253.03	1,226.91	26.12	47.972	
4,800.00	4,724.63	4,638.31	4,476.84	13.31	14.97	-126.67	746.90	634.59	1,283.77	1,257.04	26.72	48.040	
4,900.00	4,822.85	4,733.27	4,567.74	13.61	15.32	-126.39	764.95	655.28	1,314.53	1,287.20	27.33	48.096	
5,000.00	4,921.07	4,828.22	4,658.63	13.92	15.68	-126.12	783.00	675.97	1,345.32	1,317.38	27.95	48.140	
5,100.00	5,019.30	4,923.17	4,749.53	14.23	16.03	-125.86	801.06	696.67	1,376.14	1,347.57	28.57	48.176	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,117.52	5,018.13	4,840.43	14.54	16.39	-125.61	819.11	717.36	1,406.98	1,377.79	29.19	48.202		
5,300.00	5,215.74	5,113.08	4,931.32	14.86	16.75	-125.38	837.16	738.05	1,437.85	1,408.03	29.82	48.221		
5,400.00	5,313.96	5,208.04	5,022.22	15.17	17.11	-125.15	855.21	758.75	1,468.73	1,438.28	30.45	48.233		
5,500.00	5,412.18	5,302.99	5,113.12	15.49	17.48	-124.93	873.26	779.44	1,499.64	1,468.55	31.09	48.240		
5,600.00	5,510.41	5,402.06	5,204.01	15.81	17.86	-124.72	891.31	800.14	1,530.56	1,498.82	31.74	48.217		
5,700.00	5,608.63	5,507.10	5,294.91	16.13	18.27	-124.52	909.37	820.83	1,561.50	1,529.08	32.42	48.158		
5,800.00	5,706.85	5,587.85	5,385.80	16.46	18.58	-124.33	927.42	841.52	1,592.46	1,559.44	33.02	48.228		
5,900.00	5,805.07	5,682.80	5,476.70	16.78	18.95	-124.15	945.47	862.22	1,623.43	1,589.76	33.67	48.216		
6,000.00	5,903.29	5,777.76	5,567.60	17.11	19.33	-123.97	963.52	882.91	1,654.42	1,620.10	34.32	48.201		
6,100.00	6,001.52	5,872.71	5,658.49	17.44	19.70	-123.80	981.57	903.60	1,685.43	1,650.45	34.98	48.182		
6,200.00	6,099.74	5,967.67	5,749.39	17.76	20.07	-123.63	999.62	924.30	1,716.44	1,680.80	35.64	48.162		
6,300.00	6,197.96	6,062.62	5,840.29	18.09	20.45	-123.47	1,017.68	944.99	1,747.47	1,711.17	36.30	48.138		
6,400.00	6,296.18	6,157.57	5,931.18	18.43	20.83	-123.32	1,035.73	965.68	1,778.51	1,741.55	36.97	48.113		
6,500.00	6,394.41	6,252.53	6,022.08	18.76	21.21	-123.17	1,053.78	986.38	1,809.56	1,771.93	37.63	48.086		
6,600.00	6,492.63	6,347.48	6,112.98	19.09	21.59	-123.03	1,071.83	1,007.07	1,840.62	1,802.32	38.30	48.058		
6,700.00	6,590.85	6,442.43	6,203.87	19.43	21.97	-122.89	1,089.88	1,027.76	1,871.70	1,832.72	38.97	48.028		
6,800.00	6,689.07	6,537.39	6,294.77	19.76	22.35	-122.75	1,107.93	1,048.46	1,902.78	1,863.13	39.64	47.997		
6,900.00	6,787.26	6,632.36	6,385.68	20.10	22.73	-117.60	1,125.99	1,069.15	1,933.84	1,893.52	40.32	47.964		
7,000.00	6,883.33	6,727.55	6,476.80	20.48	23.12	-100.31	1,144.08	1,089.90	1,963.51	1,922.47	41.04	47.841		
7,100.00	6,974.38	6,821.28	6,566.53	20.94	23.50	-92.45	1,161.90	1,110.32	1,990.64	1,948.79	41.85	47.567		
7,200.00	7,058.15	6,911.24	6,652.65	21.48	23.86	-88.11	1,179.01	1,129.93	2,015.04	1,972.31	42.73	47.158		
7,300.00	7,132.58	6,995.22	6,733.04	22.09	24.20	-85.55	1,194.97	1,148.23	2,036.87	1,993.19	43.68	46.637		
7,400.00	7,195.84	7,072.94	6,807.07	22.78	24.53	-84.02	1,209.68	1,166.67	2,056.50	2,011.80	44.70	46.010		
7,500.00	7,246.38	7,155.67	6,883.11	23.55	24.93	-83.22	1,224.83	1,195.34	2,074.06	2,028.16	45.91	45.180		
7,600.00	7,282.95	7,248.20	6,963.02	24.40	25.47	-83.11	1,240.80	1,239.00	2,089.31	2,041.93	47.38	44.101		
7,700.00	7,304.64	7,355.25	7,046.56	25.31	26.21	-83.66	1,257.57	1,303.59	2,101.90	2,052.74	49.16	42.755		
7,800.00	7,310.97	7,484.22	7,131.36	26.27	27.26	-85.00	1,274.71	1,398.95	2,111.35	2,060.00	51.35	41.116		
7,900.00	7,310.51	7,653.65	7,211.05	27.29	28.85	-87.21	1,291.04	1,547.01	2,118.32	2,064.14	54.18	39.098		
8,000.00	7,310.05	7,866.03	7,252.62	28.38	31.10	-88.37	1,300.07	1,754.08	2,121.53	2,063.84	57.68	36.779		
8,100.00	7,309.59	7,977.76	7,253.15	29.52	32.34	-88.39	1,300.61	1,865.80	2,121.52	2,061.35	60.17	35.257		
8,200.00	7,309.13	8,077.76	7,253.31	30.72	33.49	-88.41	1,301.04	1,965.80	2,121.48	2,058.86	62.62	33.878		
8,300.00	7,308.67	8,177.76	7,253.48	31.97	34.69	-88.43	1,301.46	2,065.80	2,121.45	2,056.30	65.15	32.562		
8,400.00	7,308.21	8,277.75	7,253.64	33.25	35.92	-88.45	1,301.89	2,165.79	2,121.42	2,053.66	67.75	31.312		
8,500.00	7,307.75	8,377.75	7,253.81	34.57	37.19	-88.46	1,302.31	2,265.79	2,121.38	2,050.97	70.41	30.127		
8,600.00	7,307.29	8,477.75	7,253.97	35.92	38.48	-88.48	1,302.73	2,365.79	2,121.35	2,048.21	73.13	29.006		
8,700.00	7,306.83	8,577.75	7,254.14	37.30	39.81	-88.50	1,303.16	2,465.79	2,121.31	2,045.41	75.90	27.947		
8,800.00	7,306.37	8,677.75	7,254.30	38.70	41.16	-88.51	1,303.58	2,565.78	2,121.28	2,042.56	78.72	26.947		
8,900.00	7,305.91	8,777.74	7,254.47	40.12	42.53	-88.53	1,304.01	2,665.78	2,121.25	2,039.67	81.57	26.004		
9,000.00	7,305.45	8,877.74	7,254.63	41.56	43.92	-88.55	1,304.43	2,765.78	2,121.21	2,036.75	84.47	25.113		
9,100.00	7,304.99	8,977.74	7,254.80	43.02	45.33	-88.56	1,304.86	2,865.77	2,121.18	2,033.79	87.39	24.273		
9,200.00	7,304.53	9,077.74	7,254.96	44.50	46.76	-88.58	1,305.28	2,965.77	2,121.15	2,030.81	90.34	23.479		
9,300.00	7,304.07	9,177.74	7,255.13	45.99	48.20	-88.60	1,305.71	3,065.77	2,121.12	2,027.79	93.32	22.729		
9,400.00	7,303.61	9,277.74	7,255.29	47.49	49.66	-88.61	1,306.13	3,165.76	2,121.08	2,024.76	96.33	22.020		
9,500.00	7,303.15	9,377.73	7,255.46	49.00	51.13	-88.63	1,306.55	3,265.76	2,121.05	2,021.70	99.35	21.349		
9,600.00	7,302.69	9,477.73	7,255.62	50.52	52.61	-88.65	1,306.98	3,365.76	2,121.02	2,018.62	102.40	20.714		
9,700.00	7,302.23	9,577.73	7,255.79	52.06	54.10	-88.66	1,307.40	3,465.76	2,120.99	2,015.53	105.46	20.112		
9,800.00	7,301.77	9,677.73	7,255.95	53.60	55.61	-88.68	1,307.83	3,565.75	2,120.96	2,012.42	108.54	19.541		
9,900.00	7,301.31	9,777.73	7,256.12	55.14	57.12	-88.70	1,308.25	3,665.75	2,120.92	2,009.29	111.64	18.998		
10,000.00	7,300.85	9,877.72	7,256.28	56.70	58.64	-88.72	1,308.68	3,765.75	2,120.89	2,006.15	114.75	18.483		
10,100.00	7,300.39	9,977.72	7,256.45	58.26	60.17	-88.73	1,309.10	3,865.74	2,120.86	2,002.99	117.87	17.993		
10,200.00	7,299.93	10,077.72	7,256.61	59.83	61.70	-88.75	1,309.53	3,965.74	2,120.83	1,999.83	121.00	17.527		
10,300.00	7,299.47	10,177.72	7,256.78	61.40	63.25	-88.77	1,309.95	4,065.74	2,120.80	1,996.65	124.15	17.083		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,299.01	10,277.72	7,256.94	62.98	64.80	-88.78	1,310.38	4,165.73	2,120.77	1,993.47	127.30	16.659		
10,500.00	7,298.55	10,377.71	7,257.11	64.57	66.35	-88.80	1,310.80	4,265.73	2,120.74	1,990.27	130.47	16.255		
10,600.00	7,298.09	10,477.71	7,257.28	66.15	67.91	-88.82	1,311.22	4,365.73	2,120.71	1,987.07	133.64	15.868		
10,700.00	7,297.63	10,577.71	7,257.44	67.75	69.48	-88.83	1,311.65	4,465.73	2,120.68	1,983.85	136.83	15.499		
10,800.00	7,297.17	10,677.71	7,257.61	69.34	71.05	-88.85	1,312.07	4,565.72	2,120.65	1,980.64	140.01	15.146		
10,900.00	7,296.71	10,777.71	7,257.77	70.94	72.62	-88.87	1,312.50	4,665.72	2,120.62	1,977.41	143.21	14.808		
11,000.00	7,296.25	10,877.70	7,257.94	72.55	74.20	-88.88	1,312.92	4,765.72	2,120.59	1,974.18	146.41	14.483		
11,100.00	7,295.79	10,977.70	7,258.10	74.15	75.79	-88.90	1,313.35	4,865.71	2,120.56	1,970.94	149.62	14.173		
11,200.00	7,295.33	11,077.70	7,258.27	75.76	77.37	-88.92	1,313.77	4,965.71	2,120.53	1,967.69	152.84	13.874		
11,300.00	7,294.87	11,177.70	7,258.43	77.37	78.96	-88.93	1,314.20	5,065.71	2,120.50	1,964.44	156.06	13.588		
11,400.00	7,294.41	11,277.70	7,258.60	78.99	80.56	-88.95	1,314.62	5,165.70	2,120.48	1,961.19	159.29	13.312		
11,500.00	7,293.95	11,377.69	7,258.76	80.60	82.16	-88.97	1,315.04	5,265.70	2,120.45	1,957.93	162.52	13.048		
11,600.00	7,293.49	11,477.69	7,258.93	82.22	83.76	-88.99	1,315.47	5,365.70	2,120.42	1,954.67	165.75	12.793		
11,700.00	7,293.03	11,577.69	7,259.09	83.84	85.36	-89.00	1,315.89	5,465.70	2,120.39	1,951.40	168.99	12.547		
11,800.00	7,292.57	11,677.69	7,259.26	85.47	86.96	-89.02	1,316.32	5,565.69	2,120.36	1,948.13	172.23	12.311		
11,900.00	7,292.11	11,777.69	7,259.42	87.09	88.57	-89.04	1,316.74	5,665.69	2,120.33	1,944.85	175.48	12.083		
12,000.00	7,291.65	11,877.68	7,259.59	88.72	90.18	-89.05	1,317.17	5,765.69	2,120.31	1,941.57	178.73	11.863		
12,100.00	7,291.19	11,977.68	7,259.75	90.34	91.79	-89.07	1,317.59	5,865.68	2,120.28	1,938.29	181.99	11.651		
12,200.00	7,290.73	12,077.68	7,259.92	91.97	93.41	-89.09	1,318.02	5,965.68	2,120.25	1,935.01	185.24	11.446		
12,300.00	7,290.27	12,177.68	7,260.08	93.61	95.02	-89.10	1,318.44	6,065.68	2,120.23	1,931.72	188.51	11.248		
12,400.00	7,289.81	12,277.68	7,260.25	95.24	96.64	-89.12	1,318.86	6,165.67	2,120.20	1,928.43	191.77	11.056		
12,500.00	7,289.35	12,377.67	7,260.41	96.87	98.26	-89.14	1,319.29	6,265.67	2,120.17	1,925.14	195.03	10.871		
12,600.00	7,288.89	12,477.67	7,260.58	98.51	99.88	-89.15	1,319.71	6,365.67	2,120.15	1,921.84	198.30	10.691		
12,700.00	7,288.43	12,577.67	7,260.74	100.15	101.51	-89.17	1,320.14	6,465.67	2,120.12	1,918.54	201.57	10.518		
12,800.00	7,287.97	12,677.67	7,260.91	101.78	103.13	-89.19	1,320.56	6,565.66	2,120.09	1,915.24	204.85	10.350		
12,900.00	7,287.51	12,777.67	7,261.07	103.42	104.76	-89.20	1,320.99	6,665.66	2,120.07	1,911.94	208.12	10.187		
13,000.00	7,287.05	12,877.66	7,261.24	105.06	106.39	-89.22	1,321.41	6,765.66	2,120.04	1,908.64	211.40	10.028		
13,100.00	7,286.59	12,977.66	7,261.40	106.70	108.02	-89.24	1,321.84	6,865.65	2,120.02	1,905.33	214.68	9.875		
13,200.00	7,286.13	13,077.66	7,261.57	108.34	109.65	-89.26	1,322.26	6,965.65	2,119.99	1,902.03	217.96	9.726		
13,300.00	7,285.67	13,177.66	7,261.73	109.99	111.28	-89.27	1,322.68	7,065.65	2,119.96	1,898.72	221.25	9.582		
13,400.00	7,285.21	13,277.66	7,261.90	111.63	112.91	-89.29	1,323.11	7,165.64	2,119.94	1,895.41	224.53	9.442		
13,500.00	7,284.75	13,377.65	7,262.06	113.28	114.55	-89.31	1,323.53	7,265.64	2,119.91	1,892.09	227.82	9.305		
13,600.00	7,284.29	13,477.65	7,262.23	114.92	116.18	-89.32	1,323.96	7,365.64	2,119.89	1,888.78	231.11	9.173		
13,700.00	7,283.83	13,577.65	7,262.39	116.57	117.82	-89.34	1,324.38	7,465.64	2,119.87	1,885.46	234.40	9.044		
13,800.00	7,283.37	13,677.65	7,262.56	118.21	119.45	-89.36	1,324.81	7,565.63	2,119.84	1,882.15	237.69	8.918		
13,900.00	7,282.91	13,777.65	7,262.72	119.86	121.09	-89.37	1,325.23	7,665.63	2,119.82	1,878.83	240.99	8.796		
14,000.00	7,282.45	13,877.65	7,262.89	121.51	122.73	-89.39	1,325.66	7,765.63	2,119.79	1,875.51	244.28	8.678		
14,100.00	7,281.99	13,977.64	7,263.05	123.16	124.37	-89.41	1,326.08	7,865.62	2,119.77	1,872.19	247.58	8.562		
14,200.00	7,281.53	14,077.64	7,263.22	124.81	126.01	-89.42	1,326.50	7,965.62	2,119.75	1,868.87	250.87	8.449		
14,300.00	7,281.07	14,177.64	7,263.38	126.46	127.65	-89.44	1,326.93	8,065.62	2,119.72	1,865.55	254.17	8.340		
14,400.00	7,280.61	14,277.64	7,263.55	128.11	129.30	-89.46	1,327.35	8,165.61	2,119.70	1,862.23	257.47	8.233		
14,500.00	7,280.15	14,377.64	7,263.71	129.76	130.94	-89.47	1,327.78	8,265.61	2,119.68	1,858.90	260.77	8.128		
14,600.00	7,279.69	14,477.63	7,263.88	131.41	132.58	-89.49	1,328.20	8,365.61	2,119.65	1,855.58	264.08	8.027		
14,700.00	7,279.23	14,577.63	7,264.04	133.07	134.23	-89.51	1,328.63	8,465.61	2,119.63	1,852.25	267.38	7.927		
14,800.00	7,278.77	14,677.63	7,264.21	134.72	135.87	-89.53	1,329.05	8,565.60	2,119.61	1,848.93	270.68	7.831		
14,900.00	7,278.31	14,777.63	7,264.37	136.37	137.52	-89.54	1,329.48	8,665.60	2,119.59	1,845.60	273.99	7.736		
15,000.00	7,277.85	14,877.63	7,264.54	138.03	139.16	-89.56	1,329.90	8,765.60	2,119.56	1,842.27	277.29	7.644		
15,100.00	7,277.39	14,977.62	7,264.70	139.68	140.81	-89.58	1,330.32	8,865.59	2,119.54	1,838.94	280.60	7.554		
15,200.00	7,276.93	15,077.62	7,264.87	141.33	142.46	-89.59	1,330.75	8,965.59	2,119.52	1,835.61	283.91	7.466		
15,300.00	7,276.47	15,177.62	7,265.03	142.99	144.11	-89.61	1,331.17	9,065.59	2,119.50	1,832.28	287.22	7.379		
15,400.00	7,276.01	15,277.62	7,265.20	144.65	145.76	-89.63	1,331.60	9,165.58	2,119.48	1,828.95	290.53	7.295		
15,500.00	7,275.55	15,377.62	7,265.36	146.30	147.41	-89.64	1,332.02	9,265.58	2,119.46	1,825.62	293.84	7.213		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,600.00	7,275.09	15,477.61	7,265.53	147.96	149.06	-89.66	1,332.45	9,365.58	2,119.44	1,822.29	297.15	7.133	
15,700.00	7,274.63	15,577.61	7,265.69	149.61	150.71	-89.68	1,332.87	9,465.58	2,119.42	1,818.96	300.46	7.054	
15,800.00	7,274.17	15,677.61	7,265.86	151.27	152.36	-89.69	1,333.30	9,565.57	2,119.39	1,815.63	303.77	6.977	
15,900.00	7,273.71	15,777.61	7,266.02	152.93	154.01	-89.71	1,333.72	9,665.57	2,119.37	1,812.29	307.08	6.902	
16,000.00	7,273.25	15,877.61	7,266.19	154.59	155.66	-89.73	1,334.14	9,765.57	2,119.35	1,808.96	310.40	6.828	
16,100.00	7,272.79	15,977.60	7,266.35	156.24	157.31	-89.74	1,334.57	9,865.56	2,119.33	1,805.62	313.71	6.756	
16,200.00	7,272.33	16,077.60	7,266.52	157.90	158.96	-89.76	1,334.99	9,965.56	2,119.31	1,802.29	317.02	6.685	
16,300.00	7,271.87	16,177.60	7,266.68	159.56	160.62	-89.78	1,335.42	10,065.56	2,119.29	1,798.96	320.34	6.616	
16,400.00	7,271.41	16,277.60	7,266.85	161.22	162.27	-89.80	1,335.84	10,165.55	2,119.27	1,795.62	323.66	6.548	
16,500.00	7,270.95	16,377.60	7,267.01	162.88	163.92	-89.81	1,336.27	10,265.55	2,119.26	1,792.28	326.97	6.481	
16,600.00	7,270.49	16,477.59	7,267.18	164.54	165.58	-89.83	1,336.69	10,365.55	2,119.24	1,788.95	330.29	6.416	
16,700.00	7,270.03	16,577.59	7,267.34	166.20	167.23	-89.85	1,337.12	10,465.55	2,119.22	1,785.61	333.61	6.352	
16,800.00	7,269.57	16,677.59	7,267.51	167.86	168.89	-89.86	1,337.54	10,565.54	2,119.20	1,782.28	336.92	6.290	
16,900.00	7,269.11	16,777.59	7,267.67	169.52	170.54	-89.88	1,337.97	10,665.54	2,119.18	1,778.94	340.24	6.228	
17,000.00	7,268.65	16,877.59	7,267.84	171.18	172.20	-89.90	1,338.39	10,765.54	2,119.16	1,775.60	343.56	6.168	
17,100.00	7,268.19	16,977.58	7,268.00	172.84	173.85	-89.91	1,338.81	10,865.53	2,119.14	1,772.26	346.88	6.109	
17,200.00	7,267.73	17,077.58	7,268.17	174.50	175.51	-89.93	1,339.24	10,965.53	2,119.13	1,768.93	350.20	6.051	
17,300.00	7,267.27	17,177.58	7,268.33	176.16	177.17	-89.95	1,339.66	11,065.53	2,119.11	1,765.59	353.52	5.994	
17,400.00	7,266.81	17,277.58	7,268.50	177.82	178.82	-89.96	1,340.09	11,165.52	2,119.09	1,762.25	356.84	5.938	
17,500.00	7,266.35	17,377.58	7,268.66	179.48	180.48	-89.98	1,340.51	11,265.52	2,119.07	1,758.91	360.16	5.884	
17,600.00	7,265.89	17,477.57	7,268.83	181.14	182.14	-90.00	1,340.94	11,365.52	2,119.06	1,755.57	363.48	5.830	
17,700.00	7,265.43	17,577.57	7,268.99	182.81	183.80	-90.02	1,341.36	11,465.52	2,119.04	1,752.24	366.80	5.777	
17,800.00	7,264.97	17,677.57	7,269.16	184.47	185.45	-90.03	1,341.79	11,565.51	2,119.02	1,748.90	370.12	5.725	
17,893.49	7,264.54	17,771.06	7,269.31	186.02	187.00	-90.05	1,342.18	11,659.00	2,119.01	1,745.78	373.23	5.677 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.56	1.82	-239.71	239.72				
100.00	100.00	103.00	103.00	3.28	3.28	-89.56	1.82	-239.71	239.72	232.19	7.53	31.838	
200.00	200.00	203.20	203.20	3.31	3.31	-89.56	1.82	-239.71	239.72	232.14	7.57	31.646	
300.00	299.98	309.78	309.75	3.35	3.36	142.00	3.21	-238.13	239.62	231.96	7.66	31.275	
342.92	342.86	355.43	355.35	3.37	3.39	142.63	4.61	-236.55	239.61	231.89	7.71	31.072 CC	
400.00	399.84	416.00	415.79	3.41	3.43	143.79	7.21	-233.61	239.66	231.87	7.79	30.777 ES	
500.00	499.45	521.50	520.83	3.49	3.54	146.72	13.75	-226.20	240.26	232.30	7.96	30.188	
600.00	598.70	625.96	624.39	3.61	3.67	150.71	22.75	-216.02	242.13	233.95	8.18	29.586	
700.00	697.47	729.05	726.05	3.77	3.83	155.60	34.07	-203.20	246.18	237.71	8.47	29.068	
800.00	795.74	830.58	825.50	3.96	4.04	161.16	47.58	-187.90	252.87	244.05	8.82	28.660	
900.00	893.96	930.70	922.81	4.19	4.29	167.05	63.18	-170.24	260.68	251.44	9.24	28.202	
1,000.00	992.19	1,029.27	1,017.73	4.45	4.59	173.15	80.72	-150.37	270.04	260.31	9.74	27.738	
1,100.00	1,090.41	1,125.35	1,109.42	4.73	4.93	179.24	99.73	-128.85	281.70	271.40	10.29	27.363	
1,200.00	1,188.63	1,219.85	1,199.44	5.03	5.30	-175.16	118.78	-107.28	296.37	285.47	10.90	27.191	
1,300.00	1,286.85	1,314.35	1,289.45	5.34	5.70	-170.09	137.83	-85.71	313.78	302.24	11.54	27.202	
1,400.00	1,385.07	1,408.85	1,379.46	5.67	6.11	-165.55	156.88	-64.14	333.49	321.30	12.20	27.345	
1,500.00	1,483.30	1,503.35	1,469.47	6.00	6.54	-161.50	175.93	-42.57	355.13	342.25	12.87	27.583	
1,600.00	1,581.52	1,597.85	1,559.48	6.35	6.99	-157.90	194.98	-21.00	378.36	364.79	13.57	27.883	
1,700.00	1,679.74	1,707.65	1,649.50	6.70	7.51	-154.71	214.03	0.57	402.91	388.56	14.35	28.077	
1,800.00	1,777.96	1,786.85	1,739.51	7.06	7.90	-151.88	233.08	22.14	428.55	413.55	14.99	28.579	
1,900.00	1,876.19	1,881.35	1,829.52	7.26	8.19	-149.36	252.13	43.71	455.09	440.05	15.04	30.249	
2,000.00	1,974.41	1,975.85	1,919.53	7.31	8.30	-147.11	271.18	65.28	482.40	467.23	15.17	31.808	
2,100.00	2,072.63	2,070.35	2,009.54	7.37	8.39	-145.10	290.23	86.85	510.33	495.05	15.28	33.398	
2,200.00	2,170.85	2,164.85	2,099.55	7.45	8.50	-143.29	309.28	108.42	538.81	523.38	15.43	34.922	
2,300.00	2,269.07	2,259.35	2,189.57	7.54	8.63	-141.66	328.33	129.99	567.74	552.13	15.61	36.368	
2,400.00	2,367.30	2,353.86	2,279.58	7.65	8.77	-140.19	347.38	151.57	597.06	581.24	15.83	37.729	
2,500.00	2,465.52	2,448.36	2,369.59	7.78	8.94	-138.85	366.43	173.14	626.72	610.65	16.07	38.999	
2,600.00	2,563.74	2,542.86	2,459.60	7.92	9.12	-137.63	385.48	194.71	656.67	640.32	16.34	40.176	
2,700.00	2,661.96	2,637.36	2,549.61	8.07	9.31	-136.52	404.53	216.28	686.86	670.22	16.65	41.260	
2,800.00	2,760.18	2,731.86	2,639.63	8.24	9.52	-135.50	423.58	237.85	717.28	700.31	16.98	42.252	
2,900.00	2,858.41	2,826.36	2,729.64	8.42	9.74	-134.56	442.63	259.42	747.89	730.56	17.33	43.155	
3,000.00	2,956.63	2,920.86	2,819.65	8.61	9.98	-133.69	461.68	280.99	778.67	760.97	17.71	43.974	
3,100.00	3,054.85	3,015.36	2,909.66	8.81	10.23	-132.89	480.73	302.56	809.61	791.50	18.11	44.712	
3,200.00	3,153.07	3,109.86	2,999.67	9.02	10.48	-132.15	499.78	324.13	840.67	822.15	18.53	45.375	
3,300.00	3,251.30	3,204.36	3,089.68	9.24	10.75	-131.46	518.83	345.70	871.86	852.89	18.97	45.969	
3,400.00	3,349.52	3,298.86	3,179.70	9.47	11.03	-130.81	537.88	367.27	903.15	883.73	19.42	46.499	
3,500.00	3,447.74	3,406.64	3,269.71	9.71	11.36	-130.21	556.93	388.84	934.54	914.61	19.94	46.878	
3,600.00	3,545.96	3,487.86	3,359.72	9.95	11.61	-129.65	575.98	410.41	966.02	945.64	20.39	47.387	
3,700.00	3,644.18	3,582.36	3,449.73	10.21	11.91	-129.13	595.03	431.98	997.58	976.69	20.89	47.756	
3,800.00	3,742.41	3,676.86	3,539.74	10.46	12.22	-128.63	614.08	453.55	1,029.21	1,007.80	21.41	48.081	
3,900.00	3,840.63	3,771.36	3,629.76	10.73	12.54	-128.17	633.13	475.12	1,060.90	1,038.97	21.93	48.367	
4,000.00	3,938.85	3,865.86	3,719.77	11.00	12.86	-127.73	652.18	496.69	1,092.65	1,070.18	22.47	48.618	
4,100.00	4,037.07	3,960.36	3,809.78	11.27	13.19	-127.31	671.23	518.26	1,124.46	1,101.44	23.02	48.837	
4,200.00	4,135.30	4,054.86	3,899.79	11.55	13.52	-126.92	690.28	539.84	1,156.32	1,132.74	23.59	49.028	
4,300.00	4,233.52	4,149.36	3,989.80	11.83	13.85	-126.55	709.33	561.41	1,188.23	1,164.07	24.15	49.193	
4,400.00	4,331.74	4,243.86	4,079.82	12.12	14.19	-126.20	728.38	582.98	1,220.17	1,195.44	24.73	49.335	
4,500.00	4,429.96	4,338.36	4,169.83	12.41	14.54	-125.87	747.43	604.55	1,252.16	1,226.84	25.32	49.457	
4,600.00	4,528.18	4,432.86	4,259.84	12.71	14.89	-125.55	766.48	626.12	1,284.18	1,258.27	25.91	49.560	
4,700.00	4,626.41	4,527.37	4,349.85	13.01	15.24	-125.25	785.53	647.69	1,316.24	1,289.72	26.51	49.648	
4,800.00	4,724.63	4,621.87	4,439.86	13.31	15.60	-124.97	804.58	669.26	1,348.32	1,321.20	27.12	49.720	
4,900.00	4,822.85	4,716.37	4,529.87	13.61	15.96	-124.69	823.63	690.83	1,380.44	1,352.71	27.73	49.780	
5,000.00	4,921.07	4,810.87	4,619.89	13.92	16.32	-124.43	842.68	712.40	1,412.58	1,384.23	28.35	49.829	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.30	4,905.37	4,709.90	14.23	16.68	-124.18	861.73	733.97	1,444.75	1,415.78	28.97	49.867		
5,200.00	5,117.52	5,000.13	4,799.91	14.54	17.05	-123.94	880.78	755.54	1,476.94	1,447.34	29.60	49.894		
5,300.00	5,215.74	5,094.37	4,889.92	14.86	17.42	-123.71	899.83	777.11	1,509.16	1,478.92	30.23	49.916		
5,400.00	5,313.96	5,188.87	4,979.93	15.17	17.79	-123.49	918.88	798.68	1,541.39	1,510.52	30.87	49.930		
5,500.00	5,412.18	5,283.37	5,069.95	15.49	18.16	-123.28	937.93	820.25	1,573.65	1,542.13	31.51	49.937		
5,600.00	5,510.41	5,377.87	5,159.96	15.81	18.54	-123.08	956.98	841.82	1,605.92	1,573.76	32.16	49.938		
5,700.00	5,608.63	5,472.37	5,249.97	16.13	18.92	-122.89	976.03	863.39	1,638.21	1,605.40	32.81	49.934		
5,800.00	5,706.85	5,566.87	5,339.98	16.46	19.29	-122.70	995.08	884.96	1,670.51	1,637.05	33.46	49.926		
5,900.00	5,805.07	5,661.37	5,429.99	16.78	19.67	-122.52	1,014.13	906.53	1,702.83	1,668.72	34.12	49.914		
6,000.00	5,903.29	5,755.87	5,520.01	17.11	20.06	-122.35	1,033.18	928.11	1,735.17	1,700.40	34.77	49.898		
6,100.00	6,001.52	5,850.37	5,610.02	17.44	20.44	-122.18	1,052.23	949.68	1,767.52	1,732.08	35.44	49.879		
6,200.00	6,099.74	5,944.87	5,700.03	17.76	20.83	-122.02	1,071.28	971.25	1,799.88	1,763.78	36.10	49.857		
6,300.00	6,197.96	6,039.37	5,790.04	18.09	21.21	-121.87	1,090.33	992.82	1,832.26	1,795.49	36.77	49.833		
6,400.00	6,296.18	6,133.87	5,880.05	18.43	21.60	-121.72	1,109.38	1,014.39	1,864.64	1,827.20	37.44	49.806		
6,500.00	6,394.41	6,228.37	5,970.06	18.76	21.99	-121.58	1,128.43	1,035.96	1,897.04	1,858.93	38.11	49.778		
6,600.00	6,492.63	6,322.87	6,060.08	19.09	22.38	-121.44	1,147.48	1,057.53	1,929.45	1,890.66	38.78	49.748		
6,700.00	6,590.85	6,417.37	6,150.09	19.43	22.77	-121.30	1,166.53	1,079.10	1,961.86	1,922.40	39.46	49.717		
6,800.00	6,689.07	6,511.87	6,240.10	19.76	23.16	-121.17	1,185.58	1,100.67	1,994.29	1,954.15	40.14	49.684		
6,900.00	6,787.26	6,606.39	6,330.13	20.10	23.55	-116.00	1,204.64	1,122.24	2,026.69	1,985.87	40.82	49.649		
7,000.00	6,883.33	6,701.25	6,420.48	20.48	23.95	-98.60	1,223.76	1,143.90	2,057.43	2,015.88	41.55	49.513		
7,100.00	6,974.38	6,790.29	6,505.24	20.94	24.32	-90.62	1,241.70	1,164.42	2,085.22	2,042.87	42.35	49.239		
7,200.00	7,058.15	6,863.75	6,573.57	21.48	24.66	-85.86	1,256.19	1,187.06	2,110.30	2,067.11	43.18	48.868		
7,300.00	7,132.58	6,939.56	6,640.90	22.09	25.08	-82.74	1,270.52	1,218.69	2,132.51	2,088.32	44.19	48.259		
7,400.00	7,195.84	7,018.35	6,706.47	22.78	25.58	-80.69	1,284.53	1,259.98	2,151.43	2,106.04	45.39	47.401		
7,500.00	7,246.38	7,100.86	6,769.21	23.55	26.17	-79.46	1,298.00	1,311.75	2,166.73	2,119.93	46.79	46.303		
7,600.00	7,282.95	7,187.92	6,827.73	24.40	26.87	-78.92	1,310.63	1,374.88	2,178.13	2,129.69	48.43	44.971		
7,700.00	7,304.64	7,280.48	6,880.06	25.31	27.69	-79.02	1,322.03	1,450.26	2,185.41	2,135.10	50.30	43.445		
7,800.00	7,310.97	7,379.57	6,923.61	26.27	28.65	-79.72	1,331.64	1,538.64	2,188.42	2,136.03	52.39	41.771		
7,900.00	7,310.51	7,489.01	6,955.46	27.29	29.79	-80.59	1,338.87	1,642.95	2,189.52	2,134.80	54.72	40.014		
8,000.00	7,310.05	7,607.52	6,969.71	28.38	31.08	-80.98	1,342.47	1,760.37	2,190.09	2,132.86	57.23	38.269		
8,100.00	7,309.59	7,711.11	6,969.80	29.52	32.23	-81.00	1,343.02	1,863.96	2,190.09	2,130.46	59.63	36.730		
8,200.00	7,309.13	7,811.11	6,969.56	30.72	33.38	-81.00	1,343.47	1,963.96	2,190.07	2,128.00	62.07	35.285		
8,300.00	7,308.67	7,911.11	6,969.31	31.97	34.58	-81.01	1,343.93	2,063.95	2,190.06	2,125.47	64.59	33.907		
8,400.00	7,308.21	8,011.11	6,969.07	33.25	35.82	-81.01	1,344.39	2,163.95	2,190.04	2,122.86	67.18	32.599		
8,500.00	7,307.75	8,111.11	6,968.83	34.57	37.09	-81.02	1,344.85	2,263.95	2,190.02	2,120.19	69.84	31.359		
8,600.00	7,307.29	8,211.11	6,968.58	35.92	38.39	-81.02	1,345.31	2,363.95	2,190.00	2,117.46	72.55	30.188		
8,700.00	7,306.83	8,311.11	6,968.34	37.30	39.71	-81.03	1,345.77	2,463.95	2,189.99	2,114.68	75.30	29.082		
8,800.00	7,306.37	8,411.11	6,968.10	38.70	41.06	-81.03	1,346.23	2,563.95	2,189.97	2,111.86	78.11	28.038		
8,900.00	7,305.91	8,511.11	6,967.86	40.12	42.44	-81.04	1,346.68	2,663.94	2,189.95	2,109.00	80.95	27.053		
9,000.00	7,305.45	8,611.11	6,967.61	41.56	43.83	-81.05	1,347.14	2,763.94	2,189.94	2,106.11	83.83	26.124		
9,100.00	7,304.99	8,711.11	6,967.37	43.02	45.24	-81.05	1,347.60	2,863.94	2,189.92	2,103.18	86.74	25.248		
9,200.00	7,304.53	8,811.11	6,967.13	44.50	46.67	-81.06	1,348.06	2,963.94	2,189.90	2,100.22	89.68	24.420		
9,300.00	7,304.07	8,911.11	6,966.89	45.99	48.12	-81.06	1,348.52	3,063.94	2,189.88	2,097.24	92.64	23.638		
9,400.00	7,303.61	9,011.11	6,966.64	47.49	49.58	-81.07	1,348.98	3,163.94	2,189.87	2,094.24	95.63	22.900		
9,500.00	7,303.15	9,111.11	6,966.40	49.00	51.05	-81.07	1,349.43	3,263.93	2,189.85	2,091.21	98.64	22.201		
9,600.00	7,302.69	9,211.11	6,966.16	50.52	52.53	-81.08	1,349.89	3,363.93	2,189.83	2,088.17	101.67	21.539		
9,700.00	7,302.23	9,311.11	6,965.91	52.06	54.03	-81.09	1,350.35	3,463.93	2,189.82	2,085.10	104.71	20.912		
9,800.00	7,301.77	9,411.11	6,965.67	53.60	55.53	-81.09	1,350.81	3,563.93	2,189.80	2,082.02	107.78	20.318		
9,900.00	7,301.31	9,511.11	6,965.43	55.14	57.05	-81.10	1,351.27	3,663.93	2,189.78	2,078.93	110.86	19.753		
10,000.00	7,300.85	9,611.11	6,965.19	56.70	58.57	-81.10	1,351.73	3,763.93	2,189.76	2,075.82	113.95	19.217		
10,100.00	7,300.39	9,711.11	6,964.94	58.26	60.10	-81.11	1,352.19	3,863.93	2,189.75	2,072.69	117.05	18.707		
10,200.00	7,299.93	9,811.11	6,964.70	59.83	61.64	-81.11	1,352.64	3,963.92	2,189.73	2,069.56	120.17	18.222		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,299.47	9,911.11	6,964.46	61.40	63.18	-81.12	1,353.10	4,063.92	2,189.71	2,066.42	123.30	17.760		
10,400.00	7,299.01	10,011.11	6,964.21	62.98	64.73	-81.13	1,353.56	4,163.92	2,189.70	2,063.26	126.43	17.319		
10,500.00	7,298.55	10,111.11	6,963.97	64.57	66.29	-81.13	1,354.02	4,263.92	2,189.68	2,060.10	129.58	16.898		
10,600.00	7,298.09	10,211.11	6,963.73	66.15	67.85	-81.14	1,354.48	4,363.92	2,189.66	2,056.93	132.74	16.496		
10,700.00	7,297.63	10,311.11	6,963.49	67.75	69.42	-81.14	1,354.94	4,463.92	2,189.65	2,053.75	135.90	16.112		
10,800.00	7,297.17	10,411.11	6,963.24	69.34	70.99	-81.15	1,355.40	4,563.91	2,189.63	2,050.56	139.07	15.745		
10,900.00	7,296.71	10,511.11	6,963.00	70.94	72.57	-81.15	1,355.85	4,663.91	2,189.61	2,047.37	142.25	15.393		
11,000.00	7,296.25	10,611.10	6,962.76	72.55	74.15	-81.16	1,356.31	4,763.91	2,189.60	2,044.17	145.43	15.056		
11,100.00	7,295.79	10,711.10	6,962.52	74.15	75.73	-81.17	1,356.77	4,863.91	2,189.58	2,040.96	148.62	14.733		
11,200.00	7,295.33	10,811.10	6,962.27	75.76	77.32	-81.17	1,357.23	4,963.91	2,189.56	2,037.75	151.82	14.422		
11,300.00	7,294.87	10,911.10	6,962.03	77.37	78.91	-81.18	1,357.69	5,063.91	2,189.55	2,034.53	155.02	14.124		
11,400.00	7,294.41	11,011.10	6,961.79	78.99	80.51	-81.18	1,358.15	5,163.90	2,189.53	2,031.30	158.22	13.838		
11,500.00	7,293.95	11,111.10	6,961.54	80.60	82.11	-81.19	1,358.60	5,263.90	2,189.51	2,028.08	161.44	13.563		
11,600.00	7,293.49	11,211.10	6,961.30	82.22	83.71	-81.19	1,359.06	5,363.90	2,189.50	2,024.84	164.65	13.298		
11,700.00	7,293.03	11,311.10	6,961.06	83.84	85.31	-81.20	1,359.52	5,463.90	2,189.48	2,021.61	167.87	13.043		
11,800.00	7,292.57	11,411.10	6,960.82	85.47	86.92	-81.21	1,359.98	5,563.90	2,189.46	2,018.37	171.10	12.797		
11,900.00	7,292.11	11,511.10	6,960.57	87.09	88.53	-81.21	1,360.44	5,663.90	2,189.45	2,015.12	174.32	12.560		
12,000.00	7,291.65	11,611.10	6,960.33	88.72	90.14	-81.22	1,360.90	5,763.90	2,189.43	2,011.88	177.55	12.331		
12,100.00	7,291.19	11,711.10	6,960.09	90.34	91.75	-81.22	1,361.36	5,863.89	2,189.41	2,008.62	180.79	12.110		
12,200.00	7,290.73	11,811.10	6,959.84	91.97	93.37	-81.23	1,361.81	5,963.89	2,189.40	2,005.37	184.03	11.897		
12,300.00	7,290.27	11,911.10	6,959.60	93.61	94.98	-81.23	1,362.27	6,063.89	2,189.38	2,002.11	187.27	11.691		
12,400.00	7,289.81	12,011.10	6,959.36	95.24	96.60	-81.24	1,362.73	6,163.89	2,189.36	1,998.85	190.51	11.492		
12,500.00	7,289.35	12,111.10	6,959.12	96.87	98.22	-81.25	1,363.19	6,263.89	2,189.35	1,995.59	193.76	11.299		
12,600.00	7,288.89	12,211.10	6,958.87	98.51	99.85	-81.25	1,363.65	6,363.89	2,189.33	1,992.32	197.01	11.113		
12,700.00	7,288.43	12,311.10	6,958.63	100.15	101.47	-81.26	1,364.11	6,463.88	2,189.31	1,989.06	200.26	10.932		
12,800.00	7,287.97	12,411.10	6,958.39	101.78	103.09	-81.26	1,364.56	6,563.88	2,189.30	1,985.79	203.51	10.758		
12,900.00	7,287.51	12,511.10	6,958.15	103.42	104.72	-81.27	1,365.02	6,663.88	2,189.28	1,982.51	206.77	10.588		
13,000.00	7,287.05	12,611.10	6,957.90	105.06	106.35	-81.27	1,365.48	6,763.88	2,189.27	1,979.24	210.03	10.424		
13,100.00	7,286.59	12,711.10	6,957.66	106.70	107.98	-81.28	1,365.94	6,863.88	2,189.25	1,975.96	213.29	10.264		
13,200.00	7,286.13	12,811.10	6,957.42	108.34	109.61	-81.28	1,366.40	6,963.88	2,189.23	1,972.68	216.55	10.110		
13,300.00	7,285.67	12,911.10	6,957.17	109.99	111.24	-81.29	1,366.86	7,063.87	2,189.22	1,969.40	219.81	9.959		
13,400.00	7,285.21	13,011.10	6,956.93	111.63	112.88	-81.30	1,367.32	7,163.87	2,189.20	1,966.12	223.08	9.814		
13,500.00	7,284.75	13,111.10	6,956.69	113.28	114.51	-81.30	1,367.77	7,263.87	2,189.18	1,962.84	226.35	9.672		
13,600.00	7,284.29	13,211.10	6,956.45	114.92	116.15	-81.31	1,368.23	7,363.87	2,189.17	1,959.55	229.62	9.534		
13,700.00	7,283.83	13,311.10	6,956.20	116.57	117.78	-81.31	1,368.69	7,463.87	2,189.15	1,956.26	232.89	9.400		
13,800.00	7,283.37	13,411.10	6,955.96	118.21	119.42	-81.32	1,369.15	7,563.87	2,189.14	1,952.98	236.16	9.270		
13,900.00	7,282.91	13,511.10	6,955.72	119.86	121.06	-81.32	1,369.61	7,663.87	2,189.12	1,949.69	239.44	9.143		
14,000.00	7,282.45	13,611.10	6,955.48	121.51	122.70	-81.33	1,370.07	7,763.86	2,189.10	1,946.39	242.71	9.019		
14,100.00	7,281.99	13,711.10	6,955.23	123.16	124.34	-81.34	1,370.53	7,863.86	2,189.09	1,943.10	245.99	8.899		
14,200.00	7,281.53	13,811.10	6,954.99	124.81	125.98	-81.34	1,370.98	7,963.86	2,189.07	1,939.81	249.27	8.782		
14,300.00	7,281.07	13,911.10	6,954.75	126.46	127.62	-81.35	1,371.44	8,063.86	2,189.06	1,936.51	252.55	8.668		
14,400.00	7,280.61	14,011.10	6,954.50	128.11	129.27	-81.35	1,371.90	8,163.86	2,189.04	1,933.21	255.83	8.557		
14,500.00	7,280.15	14,111.10	6,954.26	129.76	130.91	-81.36	1,372.36	8,263.86	2,189.02	1,929.92	259.11	8.448		
14,600.00	7,279.69	14,211.10	6,954.02	131.41	132.55	-81.36	1,372.82	8,363.85	2,189.01	1,926.62	262.39	8.343		
14,700.00	7,279.23	14,311.10	6,953.78	133.07	134.20	-81.37	1,373.28	8,463.85	2,188.99	1,923.32	265.67	8.239		
14,800.00	7,278.77	14,411.10	6,953.53	134.72	135.84	-81.38	1,373.73	8,563.85	2,188.98	1,920.02	268.96	8.139		
14,900.00	7,278.31	14,511.10	6,953.29	136.37	137.49	-81.38	1,374.19	8,663.85	2,188.96	1,916.71	272.25	8.040		
15,000.00	7,277.85	14,611.10	6,953.05	138.03	139.14	-81.39	1,374.65	8,763.85	2,188.94	1,913.41	275.53	7.944		
15,100.00	7,277.39	14,711.10	6,952.80	139.68	140.78	-81.39	1,375.11	8,863.85	2,188.93	1,910.11	278.82	7.851		
15,200.00	7,276.93	14,811.09	6,952.56	141.33	142.43	-81.40	1,375.57	8,963.84	2,188.91	1,906.80	282.11	7.759		
15,300.00	7,276.47	14,911.09	6,952.32	142.99	144.08	-81.40	1,376.03	9,063.84	2,188.90	1,903.50	285.40	7.670		
15,400.00	7,276.01	15,011.09	6,952.08	144.65	145.73	-81.41	1,376.49	9,163.84	2,188.88	1,900.19	288.69	7.582		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,500.00	7,275.55	15,111.09	6,951.83	146.30	147.38	-81.42	1,376.94	9,263.84	2,188.87	1,896.88	291.98	7.497	
15,600.00	7,275.09	15,211.09	6,951.59	147.96	149.03	-81.42	1,377.40	9,363.84	2,188.85	1,893.57	295.27	7.413	
15,700.00	7,274.63	15,311.09	6,951.35	149.61	150.68	-81.43	1,377.86	9,463.84	2,188.83	1,890.27	298.57	7.331	
15,800.00	7,274.17	15,411.09	6,951.11	151.27	152.33	-81.43	1,378.32	9,563.84	2,188.82	1,886.96	301.86	7.251	
15,900.00	7,273.71	15,511.09	6,950.86	152.93	153.98	-81.44	1,378.78	9,663.83	2,188.80	1,883.65	305.16	7.173	
16,000.00	7,273.25	15,611.09	6,950.62	154.59	155.64	-81.44	1,379.24	9,763.83	2,188.79	1,880.33	308.45	7.096	
16,100.00	7,272.79	15,711.09	6,950.38	156.24	157.29	-81.45	1,379.69	9,863.83	2,188.77	1,877.02	311.75	7.021	
16,200.00	7,272.33	15,811.09	6,950.13	157.90	158.94	-81.46	1,380.15	9,963.83	2,188.76	1,873.71	315.04	6.947	
16,300.00	7,271.87	15,911.09	6,949.89	159.56	160.59	-81.46	1,380.61	10,063.83	2,188.74	1,870.40	318.34	6.875	
16,400.00	7,271.41	16,011.09	6,949.65	161.22	162.25	-81.47	1,381.07	10,163.83	2,188.72	1,867.08	321.64	6.805	
16,500.00	7,270.95	16,111.09	6,949.41	162.88	163.90	-81.47	1,381.53	10,263.82	2,188.71	1,863.77	324.94	6.736	
16,600.00	7,270.49	16,211.09	6,949.16	164.54	165.56	-81.48	1,381.99	10,363.82	2,188.69	1,860.46	328.24	6.668	
16,700.00	7,270.03	16,311.09	6,948.92	166.20	167.21	-81.48	1,382.45	10,463.82	2,188.68	1,857.14	331.54	6.602	
16,800.00	7,269.57	16,411.09	6,948.68	167.86	168.87	-81.49	1,382.90	10,563.82	2,188.66	1,853.82	334.84	6.536	
16,900.00	7,269.11	16,511.09	6,948.43	169.52	170.52	-81.50	1,383.36	10,663.82	2,188.65	1,850.51	338.14	6.473	
17,000.00	7,268.65	16,611.09	6,948.19	171.18	172.18	-81.50	1,383.82	10,763.82	2,188.63	1,847.19	341.44	6.410	
17,100.00	7,268.19	16,711.09	6,947.95	172.84	173.83	-81.51	1,384.28	10,863.81	2,188.62	1,843.87	344.74	6.349	
17,200.00	7,267.73	16,811.09	6,947.71	174.50	175.49	-81.51	1,384.74	10,963.81	2,188.60	1,840.56	348.05	6.288	
17,300.00	7,267.27	16,911.09	6,947.46	176.16	177.15	-81.52	1,385.20	11,063.81	2,188.58	1,837.24	351.35	6.229	
17,400.00	7,266.81	17,011.09	6,947.22	177.82	178.80	-81.52	1,385.65	11,163.81	2,188.57	1,833.92	354.65	6.171	
17,500.00	7,266.35	17,111.09	6,946.98	179.48	180.46	-81.53	1,386.11	11,263.81	2,188.55	1,830.60	357.96	6.114	
17,600.00	7,265.89	17,211.09	6,946.74	181.14	182.12	-81.54	1,386.57	11,363.81	2,188.54	1,827.28	361.26	6.058	
17,700.00	7,265.43	17,311.09	6,946.49	182.81	183.78	-81.54	1,387.03	11,463.81	2,188.52	1,823.96	364.57	6.003	
17,800.00	7,264.97	17,411.09	6,946.25	184.47	185.43	-81.55	1,387.49	11,563.80	2,188.51	1,820.64	367.87	5.949	
17,893.49	7,264.54	17,504.58	6,946.02	186.02	186.98	-81.55	1,387.92	11,657.29	2,188.49	1,817.53	370.96	5.900 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.60	1.83	-259.76	259.76				
100.00	100.00	103.00	103.00	3.28	3.28	-89.60	1.83	-259.76	259.76	252.23	7.53	34.501	
200.00	200.00	203.00	203.00	3.31	3.31	-89.60	1.83	-259.76	259.76	252.19	7.57	34.292 CC, ES	
300.00	299.98	305.59	305.59	3.35	3.35	141.63	2.03	-259.55	260.94	253.28	7.66	34.057	
400.00	399.84	412.23	412.16	3.41	3.43	142.90	4.47	-257.05	262.79	255.00	7.79	33.741	
500.00	499.45	518.29	517.96	3.49	3.53	145.24	9.66	-251.76	265.13	257.16	7.96	33.306	
600.00	598.70	623.40	622.47	3.61	3.65	148.55	17.49	-243.76	268.52	260.34	8.18	32.823	
700.00	697.47	727.22	725.22	3.77	3.80	152.71	27.86	-233.17	273.76	265.30	8.46	32.371	
800.00	795.74	829.53	825.88	3.96	3.99	157.53	40.62	-220.14	281.19	272.40	8.79	31.982	
900.00	893.96	930.51	924.54	4.19	4.22	162.69	55.67	-204.77	289.27	280.08	9.19	31.493	
1,000.00	992.19	1,030.00	1,020.94	4.45	4.49	168.07	72.87	-187.21	298.36	288.72	9.64	30.943	
1,100.00	1,090.41	1,127.78	1,114.80	4.73	4.80	173.62	92.04	-167.63	309.13	298.96	10.17	30.408	
1,200.00	1,188.63	1,223.37	1,205.62	5.03	5.16	179.19	112.89	-146.34	322.20	311.45	10.75	29.970	
1,300.00	1,286.85	1,317.07	1,294.34	5.34	5.55	-175.63	133.96	-124.82	338.19	326.81	11.38	29.725	
1,400.00	1,385.07	1,410.77	1,383.07	5.67	5.96	-170.90	155.04	-103.30	356.89	344.85	12.03	29.660	
1,500.00	1,483.30	1,504.46	1,471.80	6.00	6.39	-166.63	176.11	-81.78	377.90	365.19	12.71	29.732	
1,600.00	1,581.52	1,601.84	1,560.52	6.35	6.86	-162.79	197.18	-60.26	400.86	387.44	13.42	29.865	
1,700.00	1,679.74	1,708.14	1,649.25	6.70	7.38	-159.36	218.25	-38.74	425.45	411.26	14.19	29.976	
1,800.00	1,777.96	1,785.56	1,737.97	7.06	7.77	-156.29	239.33	-17.22	451.41	436.58	14.83	30.435	
1,900.00	1,876.19	1,879.26	1,826.70	7.26	8.07	-153.54	260.40	4.29	478.52	463.63	14.89	32.144	
2,000.00	1,974.41	1,972.95	1,915.42	7.31	8.19	-151.08	281.47	25.81	506.58	491.57	15.01	33.744	
2,100.00	2,072.63	2,066.65	2,004.15	7.37	8.29	-148.86	302.54	47.33	535.46	520.33	15.13	35.397	
2,200.00	2,170.85	2,160.35	2,092.87	7.45	8.40	-146.87	323.62	68.85	565.02	549.74	15.28	36.985	
2,300.00	2,269.07	2,254.05	2,181.60	7.54	8.53	-145.07	344.69	90.37	595.16	579.70	15.46	38.494	
2,400.00	2,367.30	2,347.75	2,270.32	7.65	8.69	-143.44	365.76	111.89	625.80	610.12	15.68	39.916	
2,500.00	2,465.52	2,441.44	2,359.05	7.78	8.86	-141.96	386.83	133.41	656.87	640.95	15.93	41.244	
2,600.00	2,563.74	2,535.14	2,447.77	7.92	9.05	-140.61	407.91	154.93	688.31	672.11	16.21	42.475	
2,700.00	2,661.96	2,628.84	2,536.50	8.07	9.25	-139.38	428.98	176.45	720.08	703.57	16.51	43.609	
2,800.00	2,760.18	2,722.54	2,625.23	8.24	9.47	-138.25	450.05	197.96	752.12	735.28	16.85	44.646	
2,900.00	2,858.41	2,816.23	2,713.95	8.42	9.71	-137.21	471.12	219.48	784.42	767.21	17.21	45.590	
3,000.00	2,956.63	2,909.93	2,802.68	8.61	9.95	-136.25	492.19	241.00	816.93	799.34	17.59	46.445	
3,100.00	3,054.85	3,003.63	2,891.40	8.81	10.21	-135.36	513.27	262.52	849.63	831.64	17.99	47.217	
3,200.00	3,153.07	3,102.67	2,980.13	9.02	10.50	-134.54	534.34	284.04	882.51	864.07	18.44	47.869	
3,300.00	3,251.30	3,208.97	3,068.85	9.24	10.82	-133.77	555.41	305.56	915.53	896.62	18.92	48.393	
3,400.00	3,349.52	3,284.72	3,157.58	9.47	11.05	-133.06	576.48	327.08	948.70	929.37	19.33	49.078	
3,500.00	3,447.74	3,378.42	3,246.30	9.71	11.35	-132.40	597.56	348.60	981.99	962.18	19.81	49.569	
3,600.00	3,545.96	3,472.12	3,335.03	9.95	11.66	-131.78	618.63	370.11	1,015.38	995.08	20.31	50.004	
3,700.00	3,644.18	3,565.82	3,423.75	10.21	11.98	-131.20	639.70	391.63	1,048.88	1,028.07	20.82	50.389	
3,800.00	3,742.41	3,659.52	3,512.48	10.46	12.30	-130.65	660.77	413.15	1,082.47	1,061.13	21.34	50.729	
3,900.00	3,840.63	3,753.21	3,601.20	10.73	12.63	-130.14	681.85	434.67	1,116.15	1,094.27	21.87	51.028	
4,000.00	3,938.85	3,846.91	3,689.93	11.00	12.96	-129.65	702.92	456.19	1,149.89	1,127.47	22.42	51.290	
4,100.00	4,037.07	3,940.61	3,778.66	11.27	13.30	-129.20	723.99	477.71	1,183.71	1,160.73	22.98	51.519	
4,200.00	4,135.30	4,034.31	3,867.38	11.55	13.64	-128.77	745.06	499.23	1,217.59	1,194.05	23.54	51.719	
4,300.00	4,233.52	4,128.01	3,956.11	11.83	13.99	-128.36	766.14	520.75	1,251.53	1,227.41	24.12	51.892	
4,400.00	4,331.74	4,221.70	4,044.83	12.12	14.35	-127.97	787.21	542.27	1,285.52	1,260.82	24.70	52.041	
4,500.00	4,429.96	4,315.40	4,133.56	12.41	14.71	-127.60	808.28	563.78	1,319.56	1,294.27	25.29	52.169	
4,600.00	4,528.18	4,409.10	4,222.28	12.71	15.07	-127.26	829.35	585.30	1,353.65	1,327.76	25.89	52.279	
4,700.00	4,626.41	4,502.80	4,311.01	13.01	15.43	-126.92	850.43	606.82	1,387.78	1,361.28	26.50	52.371	
4,800.00	4,724.63	4,603.50	4,399.73	13.31	15.83	-126.61	871.50	628.34	1,421.95	1,394.81	27.14	52.398	
4,900.00	4,822.85	4,709.81	4,488.46	13.61	16.25	-126.31	892.57	649.86	1,456.16	1,428.35	27.80	52.374	
5,000.00	4,921.07	4,783.89	4,577.18	13.92	16.55	-126.02	913.64	671.38	1,490.40	1,462.04	28.35	52.564	
5,100.00	5,019.30	4,877.59	4,665.91	14.23	16.92	-125.75	934.71	692.90	1,524.67	1,495.68	28.98	52.606	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,117.52	4,971.29	4,754.63	14.54	17.30	-125.48	955.79	714.42	1,558.97	1,529.35	29.62	52.638	
5,300.00	5,215.74	5,064.99	4,843.36	14.86	17.68	-125.23	976.86	735.94	1,593.30	1,563.04	30.26	52.661	
5,400.00	5,313.96	5,158.68	4,932.09	15.17	18.07	-124.99	997.93	757.45	1,627.65	1,596.75	30.90	52.677	
5,500.00	5,412.18	5,252.38	5,020.81	15.49	18.45	-124.76	1,019.00	778.97	1,662.03	1,630.48	31.55	52.681	
5,600.00	5,510.41	5,346.08	5,109.54	15.81	18.84	-124.54	1,040.08	800.49	1,696.43	1,664.24	32.20	52.690	
5,700.00	5,608.63	5,439.78	5,198.26	16.13	19.23	-124.33	1,061.15	822.01	1,730.86	1,698.00	32.85	52.688	
5,800.00	5,706.85	5,533.47	5,286.99	16.46	19.62	-124.12	1,082.22	843.53	1,765.30	1,731.79	33.51	52.682	
5,900.00	5,805.07	5,627.17	5,375.71	16.78	20.02	-123.93	1,103.29	865.05	1,799.76	1,765.59	34.17	52.671	
6,000.00	5,903.29	5,720.87	5,464.44	17.11	20.41	-123.74	1,124.37	886.57	1,834.24	1,799.41	34.83	52.656	
6,100.00	6,001.52	5,814.57	5,553.16	17.44	20.81	-123.56	1,145.44	908.09	1,868.74	1,833.24	35.50	52.639	
6,200.00	6,099.74	5,908.27	5,641.89	17.76	21.20	-123.38	1,166.51	929.61	1,903.25	1,867.08	36.17	52.618	
6,300.00	6,197.96	6,001.96	5,730.61	18.09	21.60	-123.21	1,187.58	951.12	1,937.78	1,900.94	36.84	52.595	
6,400.00	6,296.18	6,104.34	5,819.34	18.43	22.04	-123.05	1,208.66	972.64	1,972.33	1,934.77	37.55	52.521	
6,500.00	6,394.41	6,189.36	5,908.06	18.76	22.40	-122.89	1,229.73	994.16	2,006.88	1,968.69	38.20	52.542	
6,600.00	6,492.63	6,283.06	5,996.79	19.09	22.80	-122.74	1,250.80	1,015.68	2,041.45	2,002.58	38.88	52.512	
6,700.00	6,590.85	6,376.76	6,085.52	19.43	23.21	-122.59	1,271.87	1,037.20	2,076.04	2,036.48	39.56	52.481	
6,800.00	6,689.07	6,470.45	6,174.24	19.76	23.61	-122.45	1,292.95	1,058.72	2,110.63	2,070.39	40.24	52.449	
6,900.00	6,787.26	6,564.17	6,262.98	20.10	24.01	-117.22	1,314.02	1,080.24	2,145.21	2,104.28	40.93	52.415	
7,000.00	6,883.33	6,658.26	6,352.08	20.48	24.42	-99.55	1,335.18	1,101.85	2,178.33	2,136.66	41.67	52.281	
7,100.00	6,974.38	6,751.13	6,440.02	20.94	24.82	-91.29	1,356.07	1,123.18	2,208.72	2,166.23	42.49	51.983	
7,200.00	7,058.15	6,840.51	6,524.66	21.48	25.21	-86.57	1,376.17	1,143.71	2,236.07	2,192.67	43.39	51.533	
7,300.00	7,132.58	6,924.20	6,603.90	22.09	25.58	-83.67	1,394.99	1,162.93	2,260.34	2,215.98	44.36	50.953	
7,400.00	7,195.84	7,000.12	6,675.80	22.78	25.91	-81.85	1,412.07	1,180.36	2,281.80	2,236.41	45.39	50.269	
7,500.00	7,246.38	7,073.08	6,744.30	23.55	26.24	-80.77	1,428.35	1,199.36	2,300.78	2,254.25	46.53	49.452	
7,600.00	7,282.95	7,154.35	6,817.65	24.40	26.66	-80.38	1,445.83	1,229.55	2,317.23	2,269.36	47.87	48.408	
7,700.00	7,304.64	7,248.38	6,897.00	25.31	27.25	-80.69	1,464.82	1,276.11	2,330.92	2,281.43	49.48	47.104	
7,800.00	7,310.97	7,363.52	6,983.72	26.27	28.08	-81.83	1,485.69	1,348.66	2,341.53	2,290.06	51.46	45.499	
7,900.00	7,310.51	7,526.66	7,081.82	27.29	29.47	-84.30	1,509.54	1,476.24	2,350.36	2,296.24	54.12	43.425	
8,000.00	7,310.05	7,760.03	7,160.70	28.38	31.80	-86.28	1,529.32	1,693.59	2,356.15	2,298.37	57.78	40.776	
8,100.00	7,309.59	7,929.88	7,169.92	29.52	33.62	-86.53	1,532.39	1,862.88	2,356.80	2,295.92	60.88	38.713	
8,200.00	7,309.13	8,029.88	7,169.77	30.72	34.74	-86.54	1,532.89	1,962.88	2,356.83	2,293.52	63.31	37.227	
8,300.00	7,308.67	8,129.88	7,169.62	31.97	35.90	-86.54	1,533.38	2,062.88	2,356.87	2,291.04	65.82	35.807	
8,400.00	7,308.21	8,229.88	7,169.48	33.25	37.10	-86.55	1,533.87	2,162.87	2,356.90	2,288.49	68.41	34.455	
8,500.00	7,307.75	8,329.88	7,169.33	34.57	38.33	-86.56	1,534.37	2,262.87	2,356.93	2,285.88	71.05	33.172	
8,600.00	7,307.29	8,429.88	7,169.19	35.92	39.60	-86.57	1,534.86	2,362.87	2,356.97	2,283.21	73.76	31.956	
8,700.00	7,306.83	8,529.88	7,169.04	37.30	40.89	-86.58	1,535.36	2,462.87	2,357.00	2,280.49	76.51	30.806	
8,800.00	7,306.37	8,629.88	7,168.89	38.70	42.21	-86.58	1,535.85	2,562.87	2,357.03	2,277.72	79.31	29.719	
8,900.00	7,305.91	8,729.88	7,168.75	40.12	43.55	-86.59	1,536.34	2,662.86	2,357.07	2,274.92	82.15	28.692	
9,000.00	7,305.45	8,829.88	7,168.60	41.56	44.92	-86.60	1,536.84	2,762.86	2,357.10	2,272.07	85.03	27.721	
9,100.00	7,304.99	8,929.88	7,168.46	43.02	46.31	-86.61	1,537.33	2,862.86	2,357.13	2,269.19	87.94	26.804	
9,200.00	7,304.53	9,029.88	7,168.31	44.50	47.71	-86.61	1,537.83	2,962.86	2,357.17	2,266.29	90.88	25.938	
9,300.00	7,304.07	9,129.88	7,168.17	45.99	49.13	-86.62	1,538.32	3,062.86	2,357.20	2,263.35	93.85	25.118	
9,400.00	7,303.61	9,229.88	7,168.02	47.49	50.56	-86.63	1,538.81	3,162.86	2,357.23	2,260.40	96.84	24.342	
9,500.00	7,303.15	9,329.88	7,167.87	49.00	52.01	-86.64	1,539.31	3,262.85	2,357.27	2,257.42	99.85	23.608	
9,600.00	7,302.69	9,429.88	7,167.73	50.52	53.47	-86.64	1,539.80	3,362.85	2,357.30	2,254.42	102.89	22.912	
9,700.00	7,302.23	9,529.88	7,167.58	52.06	54.95	-86.65	1,540.29	3,462.85	2,357.34	2,251.40	105.94	22.252	
9,800.00	7,301.77	9,629.88	7,167.44	53.60	56.43	-86.66	1,540.79	3,562.85	2,357.37	2,248.36	109.01	21.626	
9,900.00	7,301.31	9,729.87	7,167.29	55.14	57.93	-86.67	1,541.28	3,662.85	2,357.40	2,245.31	112.09	21.031	
10,000.00	7,300.85	9,829.87	7,167.15	56.70	59.43	-86.68	1,541.78	3,762.84	2,357.44	2,242.24	115.19	20.465	
10,100.00	7,300.39	9,929.87	7,167.00	58.26	60.94	-86.68	1,542.27	3,862.84	2,357.47	2,239.16	118.31	19.927	
10,200.00	7,299.93	10,029.87	7,166.85	59.83	62.47	-86.69	1,542.76	3,962.84	2,357.50	2,236.07	121.43	19.414	
10,300.00	7,299.47	10,129.87	7,166.71	61.40	63.99	-86.70	1,543.26	4,062.84	2,357.54	2,232.97	124.57	18.925	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,299.01	10,229.87	7,166.56	62.98	65.53	-86.71	1,543.75	4,162.84	2,357.57	2,229.86	127.72	18.459		
10,500.00	7,298.55	10,329.87	7,166.42	64.57	67.07	-86.71	1,544.25	4,262.84	2,357.61	2,226.73	130.87	18.014		
10,600.00	7,298.09	10,429.87	7,166.27	66.15	68.62	-86.72	1,544.74	4,362.83	2,357.64	2,223.60	134.04	17.589		
10,700.00	7,297.63	10,529.87	7,166.13	67.75	70.17	-86.73	1,545.23	4,462.83	2,357.68	2,220.46	137.21	17.182		
10,800.00	7,297.17	10,629.87	7,165.98	69.34	71.73	-86.74	1,545.73	4,562.83	2,357.71	2,217.31	140.40	16.793		
10,900.00	7,296.71	10,729.87	7,165.83	70.94	73.29	-86.74	1,546.22	4,662.83	2,357.74	2,214.16	143.59	16.420		
11,000.00	7,296.25	10,829.87	7,165.69	72.55	74.86	-86.75	1,546.72	4,762.83	2,357.78	2,211.00	146.78	16.063		
11,100.00	7,295.79	10,929.87	7,165.54	74.15	76.44	-86.76	1,547.21	4,862.82	2,357.81	2,207.83	149.99	15.720		
11,200.00	7,295.33	11,029.87	7,165.40	75.76	78.01	-86.77	1,547.70	4,962.82	2,357.85	2,204.65	153.19	15.391		
11,300.00	7,294.87	11,129.87	7,165.25	77.37	79.59	-86.78	1,548.20	5,062.82	2,357.88	2,201.47	156.41	15.075		
11,400.00	7,294.41	11,229.87	7,165.11	78.99	81.18	-86.78	1,548.69	5,162.82	2,357.92	2,198.29	159.63	14.771		
11,500.00	7,293.95	11,329.87	7,164.96	80.60	82.77	-86.79	1,549.18	5,262.82	2,357.95	2,195.10	162.85	14.479		
11,600.00	7,293.49	11,429.87	7,164.81	82.22	84.36	-86.80	1,549.68	5,362.82	2,357.99	2,191.90	166.08	14.198		
11,700.00	7,293.03	11,529.87	7,164.67	83.84	85.95	-86.81	1,550.17	5,462.81	2,358.02	2,188.70	169.32	13.927		
11,800.00	7,292.57	11,629.87	7,164.52	85.47	87.55	-86.81	1,550.67	5,562.81	2,358.06	2,185.50	172.56	13.665		
11,900.00	7,292.11	11,729.86	7,164.38	87.09	89.15	-86.82	1,551.16	5,662.81	2,358.09	2,182.29	175.80	13.414		
12,000.00	7,291.65	11,829.86	7,164.23	88.72	90.75	-86.83	1,551.65	5,762.81	2,358.12	2,179.08	179.04	13.171		
12,100.00	7,291.19	11,929.86	7,164.09	90.34	92.35	-86.84	1,552.15	5,862.81	2,358.16	2,175.87	182.29	12.936		
12,200.00	7,290.73	12,029.86	7,163.94	91.97	93.96	-86.84	1,552.64	5,962.80	2,358.19	2,172.65	185.55	12.710		
12,300.00	7,290.27	12,129.86	7,163.79	93.61	95.57	-86.85	1,553.14	6,062.80	2,358.23	2,169.43	188.80	12.491		
12,400.00	7,289.81	12,229.86	7,163.65	95.24	97.18	-86.86	1,553.63	6,162.80	2,358.26	2,166.20	192.06	12.279		
12,500.00	7,289.35	12,329.86	7,163.50	96.87	98.80	-86.87	1,554.12	6,262.80	2,358.30	2,162.98	195.32	12.074		
12,600.00	7,288.89	12,429.86	7,163.36	98.51	100.41	-86.88	1,554.62	6,362.80	2,358.33	2,159.75	198.59	11.876		
12,700.00	7,288.43	12,529.86	7,163.21	100.15	102.03	-86.88	1,555.11	6,462.80	2,358.37	2,156.52	201.85	11.684		
12,800.00	7,287.97	12,629.86	7,163.07	101.78	103.65	-86.89	1,555.61	6,562.79	2,358.40	2,153.28	205.12	11.498		
12,900.00	7,287.51	12,729.86	7,162.92	103.42	105.27	-86.90	1,556.10	6,662.79	2,358.44	2,150.04	208.39	11.317		
13,000.00	7,287.05	12,829.86	7,162.77	105.06	106.89	-86.91	1,556.59	6,762.79	2,358.47	2,146.81	211.67	11.142		
13,100.00	7,286.59	12,929.86	7,162.63	106.70	108.51	-86.91	1,557.09	6,862.79	2,358.51	2,143.56	214.95	10.973		
13,200.00	7,286.13	13,029.86	7,162.48	108.34	110.14	-86.92	1,557.58	6,962.79	2,358.55	2,140.32	218.22	10.808		
13,300.00	7,285.67	13,129.86	7,162.34	109.99	111.76	-86.93	1,558.08	7,062.78	2,358.58	2,137.08	221.50	10.648		
13,400.00	7,285.21	13,229.86	7,162.19	111.63	113.39	-86.94	1,558.57	7,162.78	2,358.62	2,133.83	224.79	10.493		
13,500.00	7,284.75	13,329.86	7,162.04	113.28	115.02	-86.94	1,559.06	7,262.78	2,358.65	2,130.58	228.07	10.342		
13,600.00	7,284.29	13,429.86	7,161.90	114.92	116.65	-86.95	1,559.56	7,362.78	2,358.69	2,127.33	231.36	10.195		
13,700.00	7,283.83	13,529.86	7,161.75	116.57	118.28	-86.96	1,560.05	7,462.78	2,358.72	2,124.08	234.64	10.052		
13,800.00	7,283.37	13,629.85	7,161.61	118.21	119.92	-86.97	1,560.54	7,562.78	2,358.76	2,120.83	237.93	9.914		
13,900.00	7,282.91	13,729.85	7,161.46	119.86	121.55	-86.98	1,561.04	7,662.77	2,358.79	2,117.57	241.22	9.778		
14,000.00	7,282.45	13,829.85	7,161.32	121.51	123.18	-86.98	1,561.53	7,762.77	2,358.83	2,114.31	244.51	9.647		
14,100.00	7,281.99	13,929.85	7,161.17	123.16	124.82	-86.99	1,562.03	7,862.77	2,358.87	2,111.06	247.81	9.519		
14,200.00	7,281.53	14,029.85	7,161.02	124.81	126.46	-87.00	1,562.52	7,962.77	2,358.90	2,107.80	251.10	9.394		
14,300.00	7,281.07	14,129.85	7,160.88	126.46	128.09	-87.01	1,563.01	8,062.77	2,358.94	2,104.54	254.40	9.273		
14,400.00	7,280.61	14,229.85	7,160.73	128.11	129.73	-87.01	1,563.51	8,162.76	2,358.97	2,101.28	257.70	9.154		
14,500.00	7,280.15	14,329.85	7,160.59	129.76	131.37	-87.02	1,564.00	8,262.76	2,359.01	2,098.01	260.99	9.039		
14,600.00	7,279.69	14,429.85	7,160.44	131.41	133.01	-87.03	1,564.50	8,362.76	2,359.04	2,094.75	264.29	8.926		
14,700.00	7,279.23	14,529.85	7,160.30	133.07	134.65	-87.04	1,564.99	8,462.76	2,359.08	2,091.49	267.59	8.816		
14,800.00	7,278.77	14,629.85	7,160.15	134.72	136.29	-87.04	1,565.48	8,562.76	2,359.12	2,088.22	270.90	8.709		
14,900.00	7,278.31	14,729.85	7,160.00	136.37	137.94	-87.05	1,565.98	8,662.76	2,359.15	2,084.95	274.20	8.604		
15,000.00	7,277.85	14,829.85	7,159.86	138.03	139.58	-87.06	1,566.47	8,762.75	2,359.19	2,081.68	277.50	8.501		
15,100.00	7,277.39	14,929.85	7,159.71	139.68	141.22	-87.07	1,566.97	8,862.75	2,359.22	2,078.42	280.81	8.402		
15,200.00	7,276.93	15,029.85	7,159.57	141.33	142.87	-87.08	1,567.46	8,962.75	2,359.26	2,075.15	284.11	8.304		
15,300.00	7,276.47	15,129.85	7,159.42	142.99	144.51	-87.08	1,567.95	9,062.75	2,359.30	2,071.88	287.42	8.209		
15,400.00	7,276.01	15,229.85	7,159.28	144.65	146.16	-87.09	1,568.45	9,162.75	2,359.33	2,068.61	290.73	8.115		
15,500.00	7,275.55	15,329.85	7,159.13	146.30	147.81	-87.10	1,568.94	9,262.74	2,359.37	2,065.33	294.04	8.024		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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		
15,600.00	7,275.09	15,429.85	7,158.98	147.96	149.45	-87.11	1,569.43	9,362.74	2,359.41	2,062.06	297.35	7.935		
15,700.00	7,274.63	15,529.85	7,158.84	149.61	151.10	-87.11	1,569.93	9,462.74	2,359.44	2,058.79	300.66	7.848		
15,800.00	7,274.17	15,629.84	7,158.69	151.27	152.75	-87.12	1,570.42	9,562.74	2,359.48	2,055.51	303.97	7.762		
15,900.00	7,273.71	15,729.84	7,158.55	152.93	154.40	-87.13	1,570.92	9,662.74	2,359.51	2,052.24	307.28	7.679		
16,000.00	7,273.25	15,829.84	7,158.40	154.59	156.05	-87.14	1,571.41	9,762.73	2,359.55	2,048.96	310.59	7.597		
16,100.00	7,272.79	15,929.84	7,158.26	156.24	157.69	-87.14	1,571.90	9,862.73	2,359.59	2,045.69	313.90	7.517		
16,200.00	7,272.33	16,029.84	7,158.11	157.90	159.34	-87.15	1,572.40	9,962.73	2,359.62	2,042.41	317.22	7.439		
16,300.00	7,271.87	16,129.84	7,157.96	159.56	160.99	-87.16	1,572.89	10,062.73	2,359.66	2,039.13	320.53	7.362		
16,400.00	7,271.41	16,229.84	7,157.82	161.22	162.65	-87.17	1,573.39	10,162.73	2,359.70	2,035.85	323.84	7.287		
16,500.00	7,270.95	16,329.84	7,157.67	162.88	164.30	-87.18	1,573.88	10,262.73	2,359.73	2,032.57	327.16	7.213		
16,600.00	7,270.49	16,429.84	7,157.53	164.54	165.95	-87.18	1,574.37	10,362.72	2,359.77	2,029.30	330.48	7.141		
16,700.00	7,270.03	16,529.84	7,157.38	166.20	167.60	-87.19	1,574.87	10,462.72	2,359.81	2,026.02	333.79	7.070		
16,800.00	7,269.57	16,629.84	7,157.24	167.86	169.25	-87.20	1,575.36	10,562.72	2,359.84	2,022.73	337.11	7.000		
16,900.00	7,269.11	16,729.84	7,157.09	169.52	170.91	-87.21	1,575.86	10,662.72	2,359.88	2,019.45	340.43	6.932		
17,000.00	7,268.65	16,829.84	7,156.94	171.18	172.56	-87.21	1,576.35	10,762.72	2,359.92	2,016.17	343.75	6.865		
17,100.00	7,268.19	16,929.84	7,156.80	172.84	174.21	-87.22	1,576.84	10,862.71	2,359.96	2,012.89	347.06	6.800		
17,200.00	7,267.73	17,029.84	7,156.65	174.50	175.87	-87.23	1,577.34	10,962.71	2,359.99	2,009.61	350.38	6.735		
17,300.00	7,267.27	17,129.84	7,156.51	176.16	177.52	-87.24	1,577.83	11,062.71	2,360.03	2,006.33	353.70	6.672		
17,400.00	7,266.81	17,229.84	7,156.36	177.82	179.18	-87.24	1,578.33	11,162.71	2,360.07	2,003.04	357.02	6.610		
17,500.00	7,266.35	17,329.84	7,156.22	179.48	180.83	-87.25	1,578.82	11,262.71	2,360.10	1,999.76	360.34	6.550		
17,600.00	7,265.89	17,429.84	7,156.07	181.14	182.49	-87.26	1,579.31	11,362.71	2,360.14	1,996.48	363.66	6.490		
17,700.00	7,265.43	17,529.84	7,155.92	182.81	184.14	-87.27	1,579.81	11,462.70	2,360.18	1,993.19	366.99	6.431		
17,800.00	7,264.97	17,629.83	7,155.78	184.47	185.80	-87.28	1,580.30	11,562.70	2,360.22	1,989.91	370.31	6.374		
17,893.49	7,264.54	17,723.32	7,155.64	186.02	187.35	-87.28	1,580.76	11,656.19	2,360.25	1,986.84	373.41	6.321 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.20	-3.98	1,139.81	1,139.82				
100.00	100.00	102.00	102.00	3.28	3.28	90.20	-3.98	1,139.81	1,139.82	1,132.29	7.53	151.388	
200.00	200.00	202.00	202.00	3.31	3.31	90.20	-3.98	1,139.81	1,139.82	1,132.24	7.57	150.479	
300.00	299.98	301.98	301.98	3.35	3.35	-38.92	-3.98	1,139.81	1,138.46	1,130.80	7.66	148.610	
400.00	399.84	380.59	380.58	3.41	3.40	-39.13	-3.13	1,140.56	1,135.34	1,127.57	7.77	146.129	
500.00	499.45	459.32	459.24	3.49	3.47	-39.53	-0.67	1,142.75	1,131.39	1,123.48	7.91	142.976	
600.00	598.70	537.55	537.28	3.61	3.55	-40.10	3.37	1,146.35	1,126.68	1,118.59	8.09	139.206	
700.00	697.47	615.09	614.45	3.77	3.64	-40.85	8.95	1,151.31	1,121.33	1,113.02	8.31	134.868	
800.00	795.74	691.83	690.61	3.96	3.74	-41.71	16.01	1,157.59	1,115.95	1,107.38	8.58	130.104	
900.00	893.96	768.00	765.92	4.19	3.86	-42.61	24.52	1,165.16	1,112.62	1,103.75	8.88	125.311	
989.83	982.20	835.89	832.78	4.42	3.98	-43.48	33.36	1,173.02	1,111.65	1,102.47	9.18	121.079 CC	
1,000.00	992.19	843.54	840.29	4.45	4.00	-43.58	34.43	1,173.97	1,111.66	1,102.44	9.22	120.610 ES	
1,100.00	1,090.41	918.37	913.58	4.73	4.16	-44.61	45.70	1,183.99	1,113.15	1,103.57	9.59	116.101	
1,200.00	1,188.63	992.38	985.66	5.03	4.34	-45.68	58.24	1,195.14	1,117.20	1,107.21	9.99	111.838	
1,300.00	1,286.85	1,082.69	1,073.23	5.34	4.59	-47.03	74.74	1,209.82	1,123.31	1,112.83	10.48	107.226	
1,400.00	1,385.07	1,178.13	1,165.75	5.67	4.88	-48.45	92.22	1,225.37	1,130.23	1,119.22	11.01	102.628	
1,500.00	1,483.30	1,273.56	1,258.27	6.00	5.19	-49.85	109.71	1,240.91	1,137.89	1,126.32	11.58	98.298	
1,600.00	1,581.52	1,368.99	1,350.79	6.35	5.52	-51.23	127.19	1,256.46	1,146.29	1,134.12	12.16	94.250	
1,700.00	1,679.74	1,464.43	1,443.32	6.70	5.86	-52.60	144.67	1,272.01	1,155.39	1,142.63	12.76	90.534	
1,800.00	1,777.96	1,559.86	1,535.84	7.06	6.21	-53.94	162.15	1,287.55	1,165.18	1,151.80	13.38	87.066	
1,900.00	1,876.19	1,655.29	1,628.36	7.26	6.58	-55.26	179.63	1,303.10	1,175.66	1,162.01	13.64	86.163	
2,000.00	1,974.41	1,750.73	1,720.88	7.31	6.96	-56.56	197.11	1,318.65	1,186.79	1,172.82	13.98	84.911	
2,100.00	2,072.63	1,846.16	1,813.40	7.37	7.25	-57.84	214.60	1,334.19	1,198.57	1,184.48	14.09	85.075	
2,200.00	2,170.85	1,941.60	1,905.92	7.45	7.40	-59.09	232.08	1,349.74	1,210.97	1,196.71	14.26	84.926	
2,300.00	2,269.07	2,037.03	1,998.45	7.54	7.46	-60.32	249.56	1,365.29	1,223.97	1,209.59	14.38	85.120	
2,400.00	2,367.30	2,132.46	2,090.97	7.65	7.54	-61.52	267.04	1,380.83	1,237.56	1,223.02	14.53	85.161	
2,500.00	2,465.52	2,227.90	2,183.49	7.78	7.64	-62.70	284.52	1,396.38	1,251.71	1,236.99	14.72	85.057	
2,600.00	2,563.74	2,323.33	2,276.01	7.92	7.76	-63.86	302.00	1,411.93	1,266.41	1,251.48	14.93	84.820	
2,700.00	2,661.96	2,418.76	2,368.53	8.07	7.88	-64.99	319.48	1,427.47	1,281.63	1,266.46	15.17	84.462	
2,800.00	2,760.18	2,514.20	2,461.06	8.24	8.03	-66.09	336.97	1,443.02	1,297.37	1,281.92	15.45	83.999	
2,900.00	2,858.41	2,609.63	2,553.58	8.42	8.19	-67.17	354.45	1,458.57	1,313.60	1,297.85	15.74	83.451	
3,000.00	2,956.63	2,705.07	2,646.10	8.61	8.36	-68.22	371.93	1,474.11	1,330.30	1,314.23	16.06	82.810	
3,100.00	3,054.85	2,800.50	2,738.62	8.81	8.54	-69.25	389.41	1,489.66	1,347.45	1,331.04	16.41	82.114	
3,200.00	3,153.07	2,904.07	2,831.14	9.02	8.76	-70.26	406.89	1,505.21	1,365.04	1,348.25	16.79	81.295	
3,300.00	3,251.30	3,008.63	2,923.67	9.24	8.99	-71.24	424.37	1,520.75	1,383.06	1,365.86	17.20	80.424	
3,400.00	3,349.52	3,086.80	3,016.19	9.47	9.16	-72.19	441.85	1,536.30	1,401.48	1,383.91	17.57	79.757	
3,500.00	3,447.74	3,182.23	3,108.71	9.71	9.39	-73.13	459.34	1,551.85	1,420.29	1,402.29	18.00	78.921	
3,600.00	3,545.96	3,277.67	3,201.23	9.95	9.63	-74.03	476.82	1,567.39	1,439.47	1,421.04	18.44	78.074	
3,700.00	3,644.18	3,373.10	3,293.75	10.21	9.87	-74.92	494.30	1,582.94	1,459.02	1,440.12	18.89	77.224	
3,800.00	3,742.41	3,468.54	3,386.28	10.46	10.12	-75.78	511.78	1,598.49	1,478.90	1,459.54	19.36	76.375	
3,900.00	3,840.63	3,563.97	3,478.80	10.73	10.38	-76.63	529.26	1,614.03	1,499.12	1,479.28	19.85	75.534	
4,000.00	3,938.85	3,659.40	3,571.32	11.00	10.64	-77.45	546.74	1,629.58	1,519.66	1,499.32	20.34	74.703	
4,100.00	4,037.07	3,754.84	3,663.84	11.27	10.91	-78.25	564.23	1,645.13	1,540.51	1,519.66	20.85	73.887	
4,200.00	4,135.30	3,850.27	3,756.36	11.55	11.19	-79.03	581.71	1,660.67	1,561.64	1,540.28	21.37	73.087	
4,300.00	4,233.52	3,945.70	3,848.88	11.83	11.47	-79.78	599.19	1,676.22	1,583.06	1,561.17	21.89	72.306	
4,400.00	4,331.74	4,041.14	3,941.41	12.12	11.76	-80.52	616.67	1,691.77	1,604.75	1,582.32	22.43	71.546	
4,500.00	4,429.96	4,136.57	4,033.93	12.41	12.05	-81.24	634.15	1,707.31	1,626.70	1,603.72	22.97	70.806	
4,600.00	4,528.18	4,232.01	4,126.45	12.71	12.34	-81.95	651.63	1,722.86	1,648.89	1,625.37	23.53	70.087	
4,700.00	4,626.41	4,327.44	4,218.97	13.01	12.64	-82.63	669.11	1,738.41	1,671.33	1,647.25	24.09	69.391	
4,800.00	4,724.63	4,422.87	4,311.49	13.31	12.95	-83.30	686.60	1,753.95	1,694.00	1,669.35	24.65	68.717	
4,900.00	4,822.85	4,518.31	4,404.02	13.61	13.25	-83.95	704.08	1,769.50	1,716.88	1,691.66	25.22	68.065	
5,000.00	4,921.07	4,613.74	4,496.54	13.92	13.56	-84.58	721.56	1,785.05	1,739.98	1,714.18	25.80	67.435	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,019.30	4,709.18	4,589.06	14.23	13.87	-85.20	739.04	1,800.59	1,763.28	1,736.90	26.39	66.827		
5,200.00	5,117.52	4,804.61	4,681.58	14.54	14.19	-85.80	756.52	1,816.14	1,786.78	1,759.81	26.97	66.239		
5,300.00	5,215.74	4,900.04	4,774.10	14.86	14.50	-86.39	774.00	1,831.69	1,810.47	1,782.90	27.57	65.672		
5,400.00	5,313.96	5,004.52	4,866.63	15.17	14.85	-86.96	791.48	1,847.23	1,834.33	1,806.14	28.19	65.062		
5,500.00	5,412.18	5,109.09	4,959.15	15.49	15.21	-87.51	808.97	1,862.78	1,858.37	1,829.55	28.82	64.473		
5,600.00	5,510.41	5,186.34	5,051.67	15.81	15.47	-88.06	826.45	1,878.33	1,882.58	1,853.20	29.37	64.088		
5,700.00	5,608.63	5,281.78	5,144.19	16.13	15.80	-88.59	843.93	1,893.87	1,906.95	1,876.96	29.98	63.597		
5,800.00	5,706.85	5,377.21	5,236.71	16.46	16.12	-89.11	861.41	1,909.42	1,931.47	1,900.87	30.60	63.124		
5,900.00	5,805.07	5,472.65	5,329.24	16.78	16.45	-89.61	878.89	1,924.97	1,956.14	1,924.93	31.21	62.667		
6,000.00	5,903.29	5,568.08	5,421.76	17.11	16.78	-90.10	896.37	1,940.51	1,980.95	1,949.12	31.83	62.226		
6,100.00	6,001.52	5,663.51	5,514.28	17.44	17.12	-90.58	913.85	1,956.06	2,005.91	1,973.45	32.46	61.801		
6,200.00	6,099.74	5,758.95	5,606.80	17.76	17.45	-91.05	931.34	1,971.61	2,030.99	1,997.91	33.08	61.391		
6,300.00	6,197.96	5,854.38	5,699.32	18.09	17.79	-91.51	948.82	1,987.15	2,056.20	2,022.49	33.71	60.996		
6,400.00	6,296.18	5,949.81	5,791.85	18.43	18.12	-91.96	966.30	2,002.70	2,081.54	2,047.20	34.34	60.613		
6,500.00	6,394.41	6,045.25	5,884.37	18.76	18.46	-92.39	983.78	2,018.25	2,107.00	2,072.02	34.97	60.244		
6,600.00	6,492.63	6,389.63	7,213.83	19.09	25.57	-131.66	1,246.75	888.39	2,098.83	2,057.92	40.91	51.298		
6,700.00	6,590.85	8,372.98	7,214.17	19.43	25.41	-131.20	1,246.67	905.04	2,078.54	2,036.99	41.56	50.016		
6,800.00	6,689.07	8,356.33	7,214.51	19.76	25.24	-130.74	1,246.59	921.68	2,062.77	2,020.60	42.17	48.910		
6,900.00	6,787.26	8,339.46	7,214.86	20.10	25.07	-125.86	1,246.51	938.54	2,051.62	2,008.86	42.76	47.981		
7,000.00	6,883.33	8,312.61	7,215.41	20.48	24.80	-111.00	1,246.38	965.39	2,045.20	2,001.96	43.25	47.290		
7,100.00	6,974.38	8,271.04	7,216.26	20.94	24.41	-104.13	1,246.18	1,006.95	2,043.19	1,999.54	43.65	46.811		
7,101.35	6,975.56	8,270.38	7,216.27	20.95	24.40	-104.05	1,246.18	1,007.61	2,043.19	1,999.54	43.65	46.805		
7,200.00	7,058.15	8,215.77	7,217.40	21.48	23.90	-99.59	1,245.92	1,062.21	2,044.78	2,000.82	43.96	46.515		
7,300.00	7,132.58	8,148.17	7,218.78	22.09	23.31	-95.99	1,245.60	1,129.80	2,048.89	2,004.65	44.24	46.315		
7,400.00	7,195.84	8,069.89	7,220.39	22.78	22.67	-93.00	1,245.22	1,208.06	2,054.27	2,009.76	44.51	46.151		
7,500.00	7,246.38	7,982.87	7,222.18	23.55	22.03	-90.60	1,244.80	1,295.06	2,059.68	2,014.84	44.84	45.937		
7,600.00	7,282.95	7,889.24	7,224.10	24.40	21.48	-88.85	1,244.35	1,388.66	2,064.03	2,018.77	45.26	45.599		
7,700.00	7,304.64	7,786.42	7,226.13	25.31	21.14	-87.83	1,243.85	1,491.47	2,066.48	2,020.67	45.81	45.106		
7,800.00	7,310.97	7,602.37	7,201.06	26.27	21.18	-86.90	1,237.49	1,673.04	2,064.26	2,017.85	46.40	44.487		
7,900.00	7,310.51	7,443.84	7,139.33	27.29	21.34	-85.18	1,224.48	1,818.04	2,057.73	2,010.51	47.22	43.577		
8,000.00	7,310.05	7,320.74	7,068.22	28.38	21.43	-83.17	1,210.07	1,917.24	2,050.12	2,001.96	48.16	42.572		
8,100.00	7,309.59	7,228.81	7,003.57	29.52	21.47	-81.33	1,197.21	1,981.20	2,043.42	1,994.29	49.13	41.595		
8,200.00	7,309.13	7,160.20	6,949.77	30.72	21.47	-79.80	1,186.61	2,022.39	2,039.06	1,988.95	50.11	40.696		
8,281.20	7,308.75	7,116.91	6,913.71	31.73	21.46	-78.76	1,179.54	2,045.25	2,037.88	1,986.97	50.90	40.035		
8,300.00	7,308.67	7,108.15	6,906.22	31.97	21.46	-78.55	1,178.08	2,049.57	2,037.94	1,986.86	51.08	39.894		
8,400.00	7,308.21	7,067.80	6,871.05	33.25	21.44	-77.55	1,171.22	2,068.09	2,040.62	1,988.56	52.05	39.203		
8,500.00	7,307.75	7,035.85	6,842.42	34.57	21.42	-76.73	1,165.65	2,081.12	2,047.41	1,994.41	53.00	38.627		
8,600.00	7,307.29	7,010.05	6,818.85	35.92	21.40	-76.05	1,161.08	2,090.57	2,058.50	2,004.57	53.93	38.171		
8,700.00	7,306.83	6,988.83	6,799.20	37.30	21.38	-75.49	1,157.28	2,097.61	2,073.96	2,019.15	54.81	37.837		
8,800.00	7,306.37	6,971.12	6,782.62	38.70	21.36	-75.02	1,154.08	2,102.96	2,093.79	2,038.14	55.65	37.624		
8,900.00	7,305.91	6,950.00	6,762.68	40.12	21.33	-74.45	1,150.23	2,108.74	2,117.95	2,061.54	56.40	37.550		
9,000.00	7,305.45	6,950.00	6,762.68	41.56	21.33	-74.45	1,150.23	2,108.74	2,146.31	2,089.11	57.20	37.523 SF		
9,100.00	7,304.99	6,932.19	6,745.71	43.02	21.31	-73.97	1,146.96	2,113.08	2,178.73	2,120.90	57.83	37.676		
9,200.00	7,304.53	6,922.49	6,736.43	44.50	21.29	-73.71	1,145.17	2,115.24	2,215.11	2,156.68	58.43	37.909		
9,300.00	7,304.07	6,913.95	6,728.23	45.99	21.28	-73.48	1,143.60	2,117.02	2,255.25	2,196.28	58.97	38.241		
9,400.00	7,303.61	6,900.00	6,714.78	47.49	21.26	-73.10	1,141.01	2,119.69	2,299.00	2,239.58	59.42	38.691		
9,500.00	7,303.15	6,900.00	6,714.78	49.00	21.26	-73.10	1,141.01	2,119.69	2,346.08	2,286.20	59.89	39.175		
9,600.00	7,302.69	6,900.00	6,714.78	50.52	21.26	-73.10	1,141.01	2,119.69	2,396.42	2,336.12	60.30	39.744		
9,700.00	7,302.23	6,900.00	6,714.78	52.06	21.26	-73.10	1,141.01	2,119.69	2,449.81	2,389.15	60.65	40.391		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.19	-3.62	1,119.76	1,119.77				
100.00	100.00	101.00	101.00	3.28	3.28	90.19	-3.62	1,119.76	1,119.77	1,112.24	7.53	148.728	
200.00	200.00	201.00	201.00	3.31	3.31	90.19	-3.62	1,119.76	1,119.77	1,112.19	7.57	147.839	
300.00	299.98	285.48	285.48	3.35	3.34	-38.95	-3.14	1,120.18	1,118.94	1,111.29	7.65	146.256	
400.00	399.84	364.89	364.83	3.41	3.39	-39.21	-1.05	1,122.01	1,117.17	1,109.42	7.76	144.054	
500.00	499.45	443.90	443.69	3.49	3.46	-39.66	2.68	1,125.26	1,114.59	1,106.69	7.90	141.165	
600.00	598.70	522.32	521.79	3.61	3.54	-40.28	8.00	1,129.90	1,111.28	1,103.20	8.07	137.634	
700.00	697.47	600.00	598.93	3.77	3.63	-41.09	14.85	1,135.88	1,107.37	1,099.08	8.29	133.512	
800.00	795.74	676.68	674.81	3.96	3.74	-42.01	23.15	1,143.13	1,103.50	1,094.94	8.56	128.922	
900.00	893.96	752.75	749.77	4.19	3.86	-42.98	32.90	1,151.64	1,101.74	1,092.87	8.86	124.283	
923.15	916.71	770.27	766.98	4.25	3.89	-43.21	35.36	1,153.78	1,101.67	1,092.73	8.94	123.216 CC, ES	
1,000.00	992.19	828.11	823.67	4.45	4.01	-44.01	44.03	1,161.36	1,102.40	1,093.19	9.21	119.733	
1,100.00	1,090.41	900.00	893.77	4.73	4.18	-45.06	56.01	1,171.82	1,105.60	1,096.02	9.57	115.472	
1,200.00	1,188.63	976.31	967.73	5.03	4.38	-46.23	70.18	1,184.18	1,111.40	1,101.41	9.99	111.240	
1,300.00	1,286.85	1,070.37	1,058.54	5.34	4.66	-47.70	88.62	1,200.28	1,119.03	1,108.53	10.50	106.527	
1,400.00	1,385.07	1,165.38	1,150.28	5.67	4.97	-49.17	107.26	1,216.55	1,127.47	1,116.42	11.05	102.013	
1,500.00	1,483.30	1,260.39	1,242.01	6.00	5.30	-50.61	125.89	1,232.81	1,136.71	1,125.09	11.63	97.773	
1,600.00	1,581.52	1,355.40	1,333.75	6.35	5.66	-52.03	144.53	1,249.08	1,146.72	1,134.50	12.22	93.829	
1,700.00	1,679.74	1,450.41	1,425.48	6.70	6.02	-53.43	163.16	1,265.34	1,157.49	1,144.66	12.83	90.211	
1,800.00	1,777.96	1,545.43	1,517.22	7.06	6.40	-54.81	181.80	1,281.61	1,168.99	1,155.53	13.46	86.857	
1,900.00	1,876.19	1,640.44	1,608.95	7.26	6.78	-56.16	200.43	1,297.87	1,181.20	1,167.47	13.73	86.048	
2,000.00	1,974.41	1,735.45	1,700.69	7.31	7.18	-57.48	219.06	1,314.14	1,194.10	1,180.04	14.07	84.892	
2,100.00	2,072.63	1,830.46	1,792.43	7.37	7.52	-58.78	237.70	1,330.41	1,207.67	1,193.30	14.38	83.997	
2,200.00	2,170.85	1,925.47	1,884.16	7.45	7.71	-60.05	256.33	1,346.67	1,221.89	1,207.49	14.40	84.862	
2,300.00	2,269.07	2,020.48	1,975.90	7.54	7.77	-61.29	274.97	1,362.94	1,236.73	1,222.21	14.51	85.214	
2,400.00	2,367.30	2,115.50	2,067.63	7.65	7.85	-62.51	293.60	1,379.20	1,252.17	1,237.50	14.66	85.410	
2,500.00	2,465.52	2,210.51	2,159.37	7.78	7.95	-63.69	312.24	1,395.47	1,268.18	1,253.34	14.84	85.458	
2,600.00	2,563.74	2,305.52	2,251.10	7.92	8.07	-64.85	330.87	1,411.74	1,284.76	1,269.71	15.05	85.372	
2,700.00	2,661.96	2,400.53	2,342.84	8.07	8.20	-65.98	349.51	1,428.00	1,301.87	1,286.58	15.29	85.149	
2,800.00	2,760.18	2,504.46	2,434.57	8.24	8.37	-67.08	368.14	1,444.27	1,319.50	1,303.93	15.57	84.753	
2,900.00	2,858.41	2,609.45	2,526.31	8.42	8.55	-68.16	386.77	1,460.53	1,337.62	1,321.74	15.88	84.239	
3,000.00	2,956.63	2,685.56	2,618.04	8.61	8.69	-69.21	405.41	1,476.80	1,356.22	1,340.05	16.17	83.859	
3,100.00	3,054.85	2,780.58	2,709.78	8.81	8.88	-70.23	424.04	1,493.06	1,375.28	1,358.76	16.52	83.267	
3,200.00	3,153.07	2,875.59	2,801.51	9.02	9.08	-71.22	442.68	1,509.33	1,394.77	1,377.88	16.88	82.617	
3,300.00	3,251.30	2,970.60	2,893.25	9.24	9.29	-72.19	461.31	1,525.60	1,414.68	1,397.41	17.27	81.920	
3,400.00	3,349.52	3,065.61	2,984.99	9.47	9.51	-73.14	479.95	1,541.86	1,434.99	1,417.31	17.68	81.187	
3,500.00	3,447.74	3,160.62	3,076.72	9.71	9.74	-74.05	498.58	1,558.13	1,455.69	1,437.59	18.10	80.429	
3,600.00	3,545.96	3,255.63	3,168.46	9.95	9.99	-74.95	517.22	1,574.39	1,476.75	1,458.21	18.54	79.652	
3,700.00	3,644.18	3,350.65	3,260.19	10.21	10.23	-75.82	535.85	1,590.66	1,498.17	1,479.17	19.00	78.865	
3,800.00	3,742.41	3,445.66	3,351.93	10.46	10.49	-76.66	554.48	1,606.92	1,519.93	1,500.46	19.47	78.074	
3,900.00	3,840.63	3,540.67	3,443.66	10.73	10.76	-77.49	573.12	1,623.19	1,542.01	1,522.06	19.95	77.285	
4,000.00	3,938.85	3,635.68	3,535.40	11.00	11.03	-78.29	591.75	1,639.46	1,564.40	1,543.95	20.45	76.502	
4,100.00	4,037.07	3,730.69	3,627.13	11.27	11.30	-79.07	610.39	1,655.72	1,587.09	1,566.13	20.96	75.728	
4,200.00	4,135.30	3,825.70	3,718.87	11.55	11.59	-79.83	629.02	1,671.99	1,610.06	1,588.58	21.48	74.966	
4,300.00	4,233.52	3,920.72	3,810.60	11.83	11.88	-80.56	647.66	1,688.25	1,633.31	1,611.30	22.01	74.219	
4,400.00	4,331.74	4,015.73	3,902.34	12.12	12.17	-81.28	666.29	1,704.52	1,656.81	1,634.27	22.55	73.489	
4,500.00	4,429.96	4,110.74	3,994.08	12.41	12.47	-81.98	684.92	1,720.79	1,680.57	1,657.48	23.09	72.776	
4,600.00	4,528.18	4,205.75	4,085.81	12.71	12.77	-82.66	703.56	1,737.05	1,704.57	1,680.92	23.65	72.083	
4,700.00	4,626.41	4,300.76	4,177.55	13.01	13.08	-83.32	722.19	1,753.32	1,728.79	1,704.58	24.21	71.408	
4,800.00	4,724.63	4,404.23	4,269.28	13.31	13.41	-83.97	740.83	1,769.58	1,753.24	1,728.43	24.80	70.683	
4,900.00	4,822.85	4,490.78	4,361.02	13.61	13.70	-84.59	759.46	1,785.85	1,777.89	1,752.54	25.36	70.118	
5,000.00	4,921.07	4,585.80	4,452.75	13.92	14.02	-85.21	778.10	1,802.11	1,802.75	1,776.82	25.94	69.503	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,019.30	4,680.81	4,544.49	14.23	14.34	-85.80	796.73	1,818.38	1,827.81	1,801.28	26.53	68.908	
5,200.00	5,117.52	4,775.82	4,636.22	14.54	14.66	-86.38	815.37	1,834.65	1,853.05	1,825.93	27.12	68.332	
5,300.00	5,215.74	4,870.83	4,727.96	14.86	14.98	-86.94	834.00	1,850.91	1,878.47	1,850.75	27.72	67.775	
5,400.00	5,313.96	4,965.84	4,819.69	15.17	15.31	-87.49	852.63	1,867.18	1,904.06	1,875.74	28.32	67.237	
5,500.00	5,412.18	5,060.85	4,911.43	15.49	15.64	-88.03	871.27	1,883.44	1,929.81	1,900.89	28.93	66.717	
5,600.00	5,510.41	5,155.87	5,003.16	15.81	15.97	-88.55	889.90	1,899.71	1,955.72	1,926.19	29.54	66.214	
5,700.00	5,608.63	5,250.88	5,094.90	16.13	16.31	-89.06	908.54	1,915.97	1,981.79	1,951.64	30.15	65.729	
5,800.00	5,706.85	5,345.89	5,186.64	16.46	16.65	-89.55	927.17	1,932.24	2,008.00	1,977.23	30.77	65.261	
5,900.00	5,805.07	5,440.90	5,278.37	16.78	16.98	-90.03	945.81	1,948.51	2,034.35	2,002.96	31.39	64.808	
6,000.00	5,903.29	5,535.91	5,370.11	17.11	17.32	-90.51	964.44	1,964.77	2,060.84	2,028.82	32.02	64.370	
6,100.00	6,001.52	5,630.92	5,461.84	17.44	17.66	-90.96	983.08	1,981.04	2,087.45	2,054.81	32.64	63.948	
6,200.00	6,099.74	5,725.94	5,553.58	17.76	18.01	-91.41	1,001.71	1,997.30	2,114.20	2,080.92	33.27	63.540	
6,300.00	6,197.96	5,820.61	5,640.69	18.09	25.90	-132.33	1,286.03	823.04	2,110.38	2,070.34	40.04	52.702	
6,400.00	6,296.18	5,813.46	5,941.15	18.43	25.73	-131.86	1,286.09	840.18	2,089.31	2,048.62	40.69	51.348	
6,500.00	6,394.41	5,816.31	5,941.60	18.76	25.55	-131.39	1,286.15	857.33	2,072.71	2,031.40	41.31	50.172	
6,600.00	6,492.63	5,8149.16	5,942.06	19.09	25.37	-130.92	1,286.22	874.47	2,060.70	2,018.79	41.91	49.175	
6,700.00	6,590.85	5,8132.01	5,942.52	19.43	25.19	-130.45	1,286.28	891.61	2,053.34	2,010.88	42.46	48.357	
6,800.00	6,689.07	5,8114.87	5,942.97	19.76	25.01	-129.98	1,286.34	908.75	2,050.70	2,007.72	42.98	47.715	
6,805.84	6,694.81	5,8113.86	5,943.00	19.78	25.00	-129.66	1,286.34	909.76	2,050.69	2,007.69	43.01	47.683	
6,900.00	6,787.26	5,8102.50	5,943.44	20.10	24.88	-124.89	1,286.40	926.11	2,052.79	2,009.30	43.50	47.196	
7,000.00	6,883.33	5,8070.17	5,944.16	20.48	24.56	-108.85	1,286.50	953.44	2,059.40	2,015.57	43.83	46.991	
7,100.00	6,974.38	5,8028.14	5,945.28	20.94	24.15	-100.85	1,286.65	995.45	2,069.75	2,025.67	44.09	46.947	
7,200.00	7,058.15	5,7972.45	5,946.77	21.48	23.63	-95.29	1,286.86	1,051.12	2,082.69	2,038.43	44.26	47.051	
7,300.00	7,132.58	5,7904.47	5,948.58	22.09	23.02	-90.82	1,287.10	1,119.07	2,096.83	2,052.44	44.39	47.234	
7,400.00	7,195.84	5,7825.88	5,950.67	22.78	22.37	-87.12	1,287.39	1,197.64	2,110.70	2,066.16	44.54	47.388	
7,500.00	7,246.38	5,7738.61	5,953.00	23.55	21.73	-84.17	1,287.70	1,284.88	2,122.90	2,078.15	44.75	47.444	
7,600.00	7,282.95	5,7644.80	5,955.50	24.40	21.19	-82.05	1,288.04	1,378.64	2,132.24	2,087.19	45.06	47.322	
7,700.00	7,304.64	5,7546.20	5,958.11	25.31	20.90	-80.83	1,288.40	1,477.22	2,137.84	2,092.33	45.50	46.980	
7,800.00	7,310.97	5,7434.07	5,950.63	26.27	20.93	-80.28	1,286.68	1,588.93	2,138.85	2,092.77	46.08	46.415	
7,900.00	7,310.51	5,7327.50	5,925.84	27.29	21.04	-79.61	1,281.45	1,692.32	2,137.54	2,090.75	46.78	45.690	
8,000.00	7,310.05	5,7231.50	5,889.33	28.38	21.15	-78.62	1,273.86	1,780.68	2,136.40	2,088.81	47.59	44.890	
8,066.74	7,309.74	5,7174.48	5,861.61	29.14	21.20	-77.86	1,268.13	1,830.16	2,136.11	2,087.94	48.18	44.339	
8,100.00	7,309.59	5,7148.22	5,847.40	29.52	21.23	-77.48	1,265.20	1,852.05	2,136.20	2,087.73	48.47	44.075	
8,200.00	7,309.13	5,7077.57	5,804.94	30.72	21.28	-76.32	1,256.46	1,907.78	2,137.70	2,088.33	49.38	43.292	
8,300.00	7,308.67	5,7018.27	5,764.80	31.97	21.31	-75.23	1,248.22	1,950.62	2,141.58	2,091.28	50.30	42.577	
8,400.00	7,308.21	5,6968.59	5,728.29	33.25	21.33	-74.23	1,240.73	1,983.45	2,148.35	2,097.14	51.22	41.947	
8,500.00	7,307.75	5,6926.85	5,695.74	34.57	21.33	-73.35	1,234.06	2,008.71	2,158.40	2,106.28	52.12	41.414	
8,600.00	7,307.29	5,6891.56	5,667.02	35.92	21.33	-72.57	1,228.18	2,028.33	2,171.97	2,118.97	53.00	40.984	
8,700.00	7,306.83	5,6861.52	5,641.75	37.30	21.32	-71.89	1,223.02	2,043.74	2,189.22	2,135.38	53.84	40.660	
8,800.00	7,306.37	5,6835.74	5,619.52	38.70	21.31	-71.29	1,218.47	2,055.97	2,210.25	2,155.60	54.65	40.444	
8,900.00	7,305.91	5,6813.44	5,599.91	40.12	21.30	-70.76	1,214.46	2,065.81	2,235.06	2,179.64	55.41	40.334	
9,000.00	7,305.45	5,6800.00	5,587.94	41.56	21.29	-70.44	1,212.02	2,071.39	2,263.64	2,207.48	56.16	40.308 SF	
9,100.00	7,304.99	5,6776.96	5,567.15	43.02	21.27	-69.88	1,207.77	2,080.37	2,295.87	2,239.07	56.80	40.422	
9,200.00	7,304.53	5,6750.00	5,542.43	44.50	21.25	-69.22	1,202.73	2,089.89	2,331.78	2,274.43	57.35	40.659	
9,300.00	7,304.07	5,6750.00	5,542.43	45.99	21.25	-69.22	1,202.73	2,089.89	2,371.01	2,313.02	57.98	40.891	
9,400.00	7,303.61	5,6750.00	5,542.43	47.49	21.25	-69.22	1,202.73	2,089.89	2,413.74	2,355.18	58.56	41.220	
9,500.00	7,303.15	5,6725.78	5,519.91	49.00	21.22	-68.62	1,198.13	2,097.52	2,459.45	2,400.50	58.94	41.725	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.20	-3.98	1,159.85	1,159.86				
100.00	100.00	102.00	102.00	3.28	3.28	90.20	-3.98	1,159.85	1,159.86	1,152.33	7.53	154.051	
200.00	200.00	202.00	202.00	3.31	3.31	90.20	-3.98	1,159.85	1,159.86	1,152.29	7.57	153.126	
300.00	299.98	281.98	281.96	3.35	3.34	-38.95	-3.05	1,160.56	1,159.38	1,151.73	7.65	151.585	
400.00	399.84	362.11	362.02	3.41	3.39	-39.23	-0.33	1,162.63	1,157.90	1,150.15	7.75	149.345	
500.00	499.45	441.78	441.49	3.49	3.46	-39.70	4.14	1,166.02	1,155.47	1,147.58	7.89	146.364	
600.00	598.70	520.77	520.10	3.61	3.54	-40.35	10.31	1,170.70	1,152.21	1,144.13	8.08	142.687	
700.00	697.47	600.00	598.70	3.77	3.63	-41.19	18.23	1,176.71	1,148.25	1,139.95	8.30	138.340	
800.00	795.74	675.93	673.75	3.96	3.74	-42.12	27.44	1,183.70	1,144.23	1,135.66	8.57	133.544	
900.00	893.96	752.26	748.84	4.19	3.87	-43.12	38.29	1,191.94	1,142.23	1,133.35	8.88	128.644	
935.31	928.65	779.02	775.08	4.28	3.92	-43.48	42.47	1,195.11	1,142.08	1,133.09	9.00	126.926 CC, ES	
1,000.00	992.19	827.77	822.75	4.45	4.03	-44.17	50.59	1,201.27	1,142.59	1,133.36	9.23	123.812	
1,100.00	1,090.41	900.00	893.06	4.73	4.20	-45.25	63.80	1,211.30	1,145.41	1,135.80	9.60	119.255	
1,200.00	1,188.63	976.00	966.55	5.03	4.41	-46.44	79.23	1,223.01	1,150.78	1,140.75	10.03	114.737	
1,300.00	1,286.85	1,069.27	1,056.38	5.34	4.70	-47.93	99.21	1,238.17	1,158.00	1,147.45	10.55	109.742	
1,400.00	1,385.07	1,163.71	1,147.34	5.67	5.02	-49.42	119.44	1,253.52	1,166.11	1,155.00	11.11	104.967	
1,500.00	1,483.30	1,258.15	1,238.31	6.00	5.36	-50.90	139.67	1,268.88	1,175.08	1,163.39	11.69	100.495	
1,600.00	1,581.52	1,352.60	1,329.27	6.35	5.71	-52.35	159.90	1,284.23	1,184.90	1,172.61	12.30	96.369	
1,700.00	1,679.74	1,447.04	1,420.23	6.70	6.08	-53.78	180.13	1,299.58	1,195.54	1,182.63	12.92	92.559	
1,800.00	1,777.96	1,541.48	1,511.19	7.06	6.47	-55.19	200.36	1,314.94	1,206.99	1,193.43	13.55	89.059	
1,900.00	1,876.19	1,635.92	1,602.15	7.26	6.86	-56.57	220.59	1,330.29	1,219.21	1,205.38	13.83	88.164	
2,000.00	1,974.41	1,730.36	1,693.12	7.31	7.26	-57.93	240.82	1,345.65	1,232.19	1,218.01	14.17	86.930	
2,100.00	2,072.63	1,824.80	1,784.08	7.37	7.62	-59.26	261.05	1,361.00	1,245.90	1,231.40	14.50	85.924	
2,200.00	2,170.85	1,919.24	1,875.04	7.45	7.82	-60.56	281.28	1,376.35	1,260.32	1,245.79	14.53	86.733	
2,300.00	2,269.07	2,013.68	1,966.00	7.54	7.89	-61.84	301.51	1,391.71	1,275.42	1,260.78	14.64	87.103	
2,400.00	2,367.30	2,108.12	2,056.96	7.65	7.97	-63.08	321.74	1,407.06	1,291.19	1,276.40	14.79	87.318	
2,500.00	2,465.52	2,202.56	2,147.92	7.78	8.07	-64.30	341.97	1,422.42	1,307.59	1,292.63	14.96	87.388	
2,600.00	2,563.74	2,303.00	2,238.89	7.92	8.20	-65.49	362.20	1,437.77	1,324.61	1,309.43	15.18	87.280	
2,700.00	2,661.96	2,408.56	2,329.85	8.07	8.35	-66.66	382.43	1,453.12	1,342.21	1,326.79	15.43	87.005	
2,800.00	2,760.18	2,485.88	2,420.81	8.24	8.48	-67.79	402.66	1,468.48	1,360.39	1,344.71	15.67	86.800	
2,900.00	2,858.41	2,580.32	2,511.77	8.42	8.64	-68.90	422.89	1,483.83	1,379.10	1,363.14	15.96	86.388	
3,000.00	2,956.63	2,674.77	2,602.73	8.61	8.82	-69.98	443.12	1,499.19	1,398.34	1,382.06	16.28	85.891	
3,100.00	3,054.85	2,769.21	2,693.69	8.81	9.01	-71.03	463.35	1,514.54	1,418.08	1,401.46	16.62	85.322	
3,200.00	3,153.07	2,863.65	2,784.66	9.02	9.21	-72.05	483.58	1,529.89	1,438.30	1,421.32	16.98	84.693	
3,300.00	3,251.30	2,958.09	2,875.62	9.24	9.42	-73.05	503.81	1,545.25	1,458.98	1,441.62	17.37	84.017	
3,400.00	3,349.52	3,052.53	2,966.58	9.47	9.65	-74.02	524.04	1,560.60	1,480.11	1,462.34	17.77	83.305	
3,500.00	3,447.74	3,146.97	3,057.54	9.71	9.88	-74.97	544.27	1,575.96	1,501.65	1,483.47	18.19	82.565	
3,600.00	3,545.96	3,241.41	3,148.50	9.95	10.12	-75.89	564.50	1,591.31	1,523.60	1,504.98	18.62	81.806	
3,700.00	3,644.18	3,335.85	3,239.47	10.21	10.37	-76.78	584.73	1,606.67	1,545.94	1,526.87	19.08	81.036	
3,800.00	3,742.41	3,430.29	3,330.43	10.46	10.63	-77.65	604.96	1,622.02	1,568.65	1,549.11	19.54	80.260	
3,900.00	3,840.63	3,524.73	3,421.39	10.73	10.90	-78.50	625.19	1,637.37	1,591.72	1,571.69	20.03	79.486	
4,000.00	3,938.85	3,619.17	3,512.35	11.00	11.17	-79.32	645.42	1,652.73	1,615.12	1,594.60	20.52	78.716	
4,100.00	4,037.07	3,713.61	3,603.31	11.27	11.45	-80.13	665.65	1,668.08	1,638.85	1,617.83	21.02	77.954	
4,200.00	4,135.30	3,808.05	3,694.27	11.55	11.74	-80.91	685.88	1,683.44	1,662.89	1,641.35	21.54	77.204	
4,300.00	4,233.52	3,902.49	3,785.24	11.83	12.03	-81.66	706.11	1,698.79	1,687.23	1,665.17	22.06	76.468	
4,400.00	4,331.74	4,003.06	3,876.20	12.12	12.34	-82.40	726.34	1,714.14	1,711.86	1,689.24	22.62	75.690	
4,500.00	4,429.96	4,108.62	3,967.16	12.41	12.68	-83.12	746.57	1,729.50	1,736.76	1,713.56	23.19	74.886	
4,600.00	4,528.18	4,185.82	4,058.12	12.71	12.93	-83.82	766.80	1,744.85	1,761.92	1,738.22	23.70	74.357	
4,700.00	4,626.41	4,280.26	4,149.08	13.01	13.24	-84.50	787.03	1,760.21	1,787.33	1,763.07	24.25	73.690	
4,800.00	4,724.63	4,374.70	4,240.04	13.31	13.55	-85.16	807.26	1,775.56	1,812.98	1,788.16	24.82	73.042	
4,900.00	4,822.85	4,469.14	4,331.01	13.61	13.87	-85.81	827.49	1,790.91	1,838.86	1,813.46	25.39	72.414	
5,000.00	4,921.07	4,563.58	4,421.97	13.92	14.19	-86.43	847.72	1,806.27	1,864.96	1,838.99	25.97	71.806	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,100.00	5,019.30	4,658.02	4,512.93	14.23	14.51	-87.04	867.95	1,821.62	1,891.27	1,864.71	26.56	71.216		
5,200.00	5,117.52	4,752.46	4,603.89	14.54	14.84	-87.64	888.18	1,836.98	1,917.79	1,890.64	27.15	70.646		
5,300.00	5,215.74	4,846.90	4,694.85	14.86	15.16	-88.22	908.41	1,852.33	1,944.50	1,916.75	27.74	70.094		
5,400.00	5,313.96	4,941.34	4,785.82	15.17	15.49	-88.78	928.64	1,867.68	1,971.39	1,943.05	28.34	69.561		
5,500.00	5,412.18	5,035.78	4,876.78	15.49	15.83	-89.33	948.87	1,883.04	1,998.47	1,969.52	28.94	69.045		
5,600.00	5,510.41	5,130.22	4,967.74	15.81	16.16	-89.86	969.10	1,898.39	2,025.71	1,996.16	29.55	68.547		
5,700.00	5,608.63	5,224.66	5,058.70	16.13	16.50	-90.38	989.33	1,913.75	2,053.12	2,022.96	30.16	68.066		
5,800.00	5,706.85	5,319.11	5,149.66	16.46	16.84	-90.89	1,009.56	1,929.10	2,080.69	2,049.92	30.78	67.601		
5,900.00	5,805.07	5,413.55	5,240.62	16.78	17.18	-91.39	1,029.79	1,944.45	2,108.42	2,077.02	31.40	67.152		
6,000.00	5,903.29	5,507.99	5,331.59	17.11	17.52	-91.87	1,050.02	1,959.81	2,136.29	2,104.27	32.02	66.718		
6,100.00	6,001.52	5,602.43	5,422.55	17.44	17.87	-92.34	1,070.25	1,975.16	2,164.29	2,131.65	32.64	66.298		
6,200.00	6,099.74	5,703.13	5,513.51	17.76	18.24	-92.80	1,090.48	1,990.52	2,192.44	2,159.14	33.29	65.852		
6,300.00	6,197.96	5,808.69	5,604.47	18.09	18.62	-93.24	1,110.71	2,005.87	2,220.71	2,186.75	33.96	65.390		
6,400.00	6,296.18	5,885.75	5,695.43	18.43	18.91	-93.68	1,130.94	2,021.22	2,249.11	2,214.57	34.54	65.122		
6,500.00	6,394.41	8,328.90	7,072.40	18.76	26.35	-131.43	1,448.57	866.03	2,265.01	2,223.58	41.43	54.668		
6,600.00	6,492.63	8,311.69	7,072.86	19.09	26.17	-131.00	1,448.53	883.24	2,249.16	2,207.12	42.04	53.500		
6,700.00	6,590.85	8,305.52	7,073.31	19.43	26.11	-130.56	1,448.49	900.44	2,237.53	2,194.80	42.73	52.366		
6,800.00	6,689.07	8,277.27	7,073.77	19.76	25.82	-130.13	1,448.45	917.65	2,230.20	2,187.01	43.19	51.637		
6,900.00	6,787.26	8,259.84	7,074.23	20.10	25.65	-125.16	1,448.41	935.07	2,227.20	2,183.49	43.72	50.946		
6,919.39	6,806.17	8,255.72	7,074.34	20.17	25.61	-120.84	1,448.40	939.19	2,227.12	2,183.31	43.82	50.830		
7,000.00	6,883.33	8,232.45	7,074.96	20.48	25.37	-109.65	1,448.35	962.45	2,228.44	2,184.29	44.15	50.477		
7,100.00	6,974.38	8,209.64	7,076.08	20.94	25.15	-102.23	1,448.26	1,004.53	2,233.35	2,188.71	44.65	50.024		
7,200.00	7,058.15	8,134.61	7,077.56	21.48	24.44	-97.25	1,448.13	1,060.25	2,241.00	2,196.27	44.73	50.097		
7,300.00	7,132.58	8,066.59	7,079.37	22.09	23.83	-93.32	1,447.98	1,128.25	2,250.21	2,205.27	44.95	50.065		
7,400.00	7,195.84	7,987.96	7,081.46	22.78	23.16	-90.09	1,447.80	1,206.85	2,259.72	2,214.56	45.16	50.039		
7,500.00	7,246.38	7,900.66	7,083.78	23.55	22.48	-87.52	1,447.60	1,294.13	2,268.29	2,222.86	45.43	49.932		
7,600.00	7,282.95	7,806.83	7,086.27	24.40	21.88	-85.68	1,447.39	1,387.92	2,274.86	2,229.05	45.80	49.664		
7,700.00	7,304.64	7,712.42	7,088.73	25.31	21.74	-84.65	1,447.17	1,482.30	2,278.62	2,232.30	46.32	49.194		
7,800.00	7,310.97	7,538.30	7,072.37	26.27	22.01	-83.94	1,442.09	1,655.03	2,277.64	2,230.81	46.83	48.636		
7,900.00	7,310.51	7,383.65	7,020.06	27.29	22.22	-82.61	1,429.20	1,799.58	2,272.49	2,224.94	47.55	47.791		
8,000.00	7,310.05	7,259.51	6,954.39	28.38	22.33	-80.92	1,413.65	1,903.54	2,266.26	2,217.85	48.41	46.815		
8,100.00	7,309.59	7,164.44	6,891.48	29.52	22.37	-79.29	1,399.00	1,973.18	2,260.62	2,211.28	49.34	45.820		
8,200.00	7,309.13	7,092.29	6,837.35	30.72	22.37	-77.88	1,386.51	2,019.17	2,256.86	2,206.57	50.29	44.874		
8,282.87	7,308.75	7,045.48	6,799.66	31.75	22.36	-76.90	1,377.86	2,045.52	2,255.80	2,204.70	51.10	44.144		
8,300.00	7,308.67	7,036.98	6,792.61	31.97	22.36	-76.72	1,376.24	2,050.00	2,255.85	2,204.58	51.27	44.003		
8,400.00	7,308.21	6,993.83	6,755.99	33.25	22.33	-75.77	1,367.87	2,071.21	2,258.12	2,205.87	52.25	43.221		
8,500.00	7,307.75	6,959.52	6,725.92	34.57	22.30	-74.99	1,361.02	2,086.24	2,264.01	2,210.79	53.22	42.538		
8,600.00	7,307.29	6,931.73	6,701.02	35.92	22.28	-74.34	1,355.36	2,097.17	2,273.73	2,219.54	54.19	41.961		
8,700.00	7,306.83	6,908.86	6,680.18	37.30	22.25	-73.80	1,350.63	2,105.33	2,287.36	2,232.23	55.13	41.491		
8,800.00	7,306.37	6,889.74	6,662.55	38.70	22.23	-73.34	1,346.63	2,111.56	2,304.93	2,248.89	56.04	41.131		
8,900.00	7,305.91	6,873.55	6,647.49	40.12	22.20	-72.95	1,343.22	2,116.41	2,326.44	2,269.53	56.91	40.879		
9,000.00	7,305.45	6,850.00	6,625.37	41.56	22.17	-72.38	1,338.22	2,122.75	2,351.86	2,294.18	57.68	40.772		
9,100.00	7,304.99	6,850.00	6,625.37	43.02	22.17	-72.38	1,338.22	2,122.75	2,380.99	2,322.46	58.53	40.680 SF		
9,200.00	7,304.53	6,837.21	6,613.26	44.50	22.15	-72.07	1,335.48	2,125.85	2,413.83	2,354.59	59.24	40.746		
9,300.00	7,304.07	6,827.98	6,604.49	45.99	22.13	-71.84	1,333.51	2,127.92	2,450.22	2,390.31	59.91	40.897		
9,400.00	7,303.61	6,819.80	6,596.69	47.49	22.12	-71.64	1,331.75	2,129.65	2,490.02	2,429.49	60.53	41.137		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.18	-3.26	1,039.86	1,039.86				
100.00	100.00	100.00	100.00	3.28	3.28	90.18	-3.26	1,039.86	1,039.86	1,032.34	7.53	138.117	
200.00	200.00	200.00	200.00	3.31	3.31	90.18	-3.26	1,039.86	1,039.86	1,032.29	7.57	137.296	
300.00	299.98	287.33	287.33	3.35	3.34	-38.94	-3.17	1,040.09	1,038.81	1,031.16	7.65	135.768	
400.00	399.84	361.95	361.92	3.41	3.39	-39.13	-2.48	1,041.90	1,037.18	1,029.43	7.75	133.819	
500.00	499.45	436.43	436.29	3.49	3.44	-39.46	-1.10	1,045.53	1,035.31	1,027.42	7.88	131.354	
600.00	598.70	510.66	510.31	3.61	3.51	-39.91	0.95	1,050.94	1,033.24	1,025.19	8.05	128.391	
700.00	697.47	584.58	583.82	3.77	3.60	-40.50	3.67	1,058.10	1,031.06	1,022.81	8.25	124.946	
800.00	795.74	658.15	656.77	3.96	3.70	-41.18	7.05	1,066.99	1,029.31	1,020.81	8.50	121.137	
823.81	819.13	675.63	674.07	4.01	3.72	-41.34	7.95	1,069.36	1,029.23	1,020.67	8.56	120.222 CC, ES	
900.00	893.96	731.51	729.24	4.19	3.81	-41.88	11.07	1,077.60	1,030.01	1,021.24	8.78	117.347	
1,000.00	992.19	823.87	820.21	4.45	3.98	-42.79	16.74	1,092.52	1,032.73	1,023.58	9.14	112.957	
1,100.00	1,090.41	922.24	917.10	4.73	4.19	-43.76	22.79	1,108.45	1,035.81	1,026.25	9.56	108.331	
1,200.00	1,188.63	1,020.61	1,013.98	5.03	4.42	-44.72	28.84	1,124.39	1,039.20	1,029.19	10.02	103.762	
1,300.00	1,286.85	1,118.98	1,110.86	5.34	4.67	-45.67	34.89	1,140.33	1,042.89	1,032.39	10.50	99.331	
1,400.00	1,385.07	1,217.35	1,207.74	5.67	4.94	-46.62	40.94	1,156.27	1,046.87	1,035.86	11.01	95.088	
1,500.00	1,483.30	1,315.72	1,304.62	6.00	5.22	-47.56	47.00	1,172.20	1,051.15	1,039.61	11.54	91.057	
1,600.00	1,581.52	1,414.09	1,401.51	6.35	5.51	-48.49	53.05	1,188.14	1,055.71	1,043.62	12.10	87.284	
1,700.00	1,679.74	1,512.46	1,498.39	6.70	5.81	-49.42	59.10	1,204.08	1,060.56	1,047.90	12.67	83.730	
1,800.00	1,777.96	1,610.83	1,595.27	7.06	6.12	-50.33	65.15	1,220.02	1,065.70	1,052.44	13.25	80.411	
1,900.00	1,876.19	1,709.20	1,692.15	7.26	6.44	-51.24	71.20	1,235.95	1,071.11	1,057.62	13.49	79.426	
2,000.00	1,974.41	1,807.57	1,789.03	7.31	6.75	-52.14	77.25	1,251.89	1,076.79	1,063.01	13.78	78.137	
2,100.00	2,072.63	1,905.94	1,885.91	7.37	6.92	-53.03	83.31	1,267.83	1,082.74	1,068.94	13.80	78.457	
2,200.00	2,170.85	2,004.31	1,982.80	7.45	6.96	-53.91	89.36	1,283.77	1,088.95	1,075.05	13.90	78.335	
2,300.00	2,269.07	2,102.68	2,079.68	7.54	7.01	-54.78	95.41	1,299.71	1,095.43	1,081.39	14.03	78.055	
2,400.00	2,367.30	2,201.05	2,176.56	7.65	7.08	-55.64	101.46	1,315.64	1,102.16	1,087.96	14.20	77.620	
2,500.00	2,465.52	2,300.58	2,273.44	7.78	7.17	-56.48	107.51	1,331.58	1,109.14	1,094.74	14.40	77.046	
2,600.00	2,563.74	2,402.21	2,370.32	7.92	7.27	-57.32	113.57	1,347.52	1,116.37	1,101.74	14.62	76.339	
2,700.00	2,661.96	2,503.84	2,467.21	8.07	7.39	-58.15	119.62	1,363.46	1,123.83	1,108.95	14.88	75.521	
2,800.00	2,760.18	2,594.53	2,564.09	8.24	7.51	-58.97	125.67	1,379.39	1,131.54	1,116.38	15.15	74.670	
2,900.00	2,858.41	2,707.10	2,660.97	8.42	7.66	-59.77	131.72	1,395.33	1,139.47	1,124.00	15.48	73.622	
3,000.00	2,956.63	2,808.73	2,757.85	8.61	7.82	-60.57	137.77	1,411.27	1,147.64	1,131.82	15.81	72.574	
3,100.00	3,054.85	2,889.64	2,854.73	8.81	7.95	-61.35	143.82	1,427.21	1,156.02	1,139.88	16.14	71.615	
3,200.00	3,153.07	2,988.01	2,951.61	9.02	8.13	-62.12	149.88	1,443.14	1,164.62	1,148.11	16.52	70.515	
3,300.00	3,251.30	3,086.38	3,048.50	9.24	8.31	-62.89	155.93	1,459.08	1,173.44	1,156.53	16.91	69.395	
3,400.00	3,349.52	3,184.75	3,145.38	9.47	8.50	-63.64	161.98	1,475.02	1,182.46	1,165.14	17.32	68.264	
3,500.00	3,447.74	3,283.13	3,242.26	9.71	8.70	-64.37	168.03	1,490.96	1,191.69	1,173.93	17.75	67.132	
3,600.00	3,545.96	3,381.50	3,339.14	9.95	8.90	-65.10	174.08	1,506.90	1,201.11	1,182.91	18.20	66.006	
3,700.00	3,644.18	3,479.87	3,436.02	10.21	9.12	-65.82	180.13	1,522.83	1,210.73	1,192.07	18.66	64.892	
3,800.00	3,742.41	3,578.24	3,532.91	10.46	9.34	-66.52	186.19	1,538.77	1,220.53	1,201.40	19.13	63.796	
3,900.00	3,840.63	3,676.61	3,629.79	10.73	9.56	-67.22	192.24	1,554.71	1,230.52	1,210.91	19.62	62.721	
4,000.00	3,938.85	3,774.98	3,726.67	11.00	9.80	-67.90	198.29	1,570.65	1,240.70	1,220.58	20.12	61.670	
4,100.00	4,037.07	3,873.35	3,823.55	11.27	10.04	-68.58	204.34	1,586.58	1,251.04	1,230.41	20.63	60.646	
4,200.00	4,135.30	3,971.72	3,920.43	11.55	10.28	-69.24	210.39	1,602.52	1,261.56	1,240.41	21.15	59.650	
4,300.00	4,233.52	4,070.09	4,017.31	11.83	10.53	-69.89	216.45	1,618.46	1,272.25	1,250.57	21.68	58.685	
4,400.00	4,331.74	4,168.46	4,114.20	12.12	10.78	-70.53	222.50	1,634.40	1,283.09	1,260.88	22.22	57.750	
4,500.00	4,429.96	4,266.83	4,211.08	12.41	11.04	-71.16	228.55	1,650.34	1,294.10	1,271.34	22.77	56.845	
4,600.00	4,528.18	4,365.20	4,307.96	12.71	11.30	-71.78	234.60	1,666.27	1,305.26	1,281.94	23.32	55.972	
4,700.00	4,626.41	4,463.57	4,404.84	13.01	11.57	-72.38	240.65	1,682.21	1,316.58	1,292.69	23.88	55.129	
4,800.00	4,724.63	4,561.94	4,501.72	13.31	11.83	-72.98	246.70	1,698.15	1,328.04	1,303.59	24.45	54.316	
4,900.00	4,822.85	4,660.31	4,598.61	13.61	12.11	-73.57	252.76	1,714.09	1,339.64	1,314.62	25.02	53.532	
5,000.00	4,921.07	4,758.68	4,695.49	13.92	12.38	-74.15	258.81	1,730.02	1,351.38	1,325.78	25.61	52.778	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.30	4,857.05	4,792.37	14.23	12.66	-74.72	264.86	1,745.96	1,363.26	1,337.07	26.19	52.052	
5,200.00	5,117.52	4,955.42	4,889.25	14.54	12.94	-75.28	270.91	1,761.90	1,375.27	1,348.49	26.78	51.352	
5,300.00	5,215.74	5,053.79	4,986.13	14.86	13.22	-75.83	276.96	1,777.84	1,387.41	1,360.04	27.38	50.680	
5,400.00	5,313.96	5,152.16	5,083.01	15.17	13.50	-76.37	283.01	1,793.77	1,399.68	1,371.70	27.98	50.032	
5,500.00	5,412.18	5,250.53	5,179.90	15.49	13.79	-76.90	289.07	1,809.71	1,412.07	1,383.49	28.58	49.409	
5,600.00	5,510.41	5,348.90	5,276.78	15.81	14.08	-77.42	295.12	1,825.65	1,424.58	1,395.39	29.19	48.810	
5,700.00	5,608.63	5,447.27	5,373.66	16.13	14.37	-77.93	301.17	1,841.59	1,437.20	1,407.40	29.80	48.233	
5,800.00	5,706.85	5,545.64	5,470.54	16.46	14.66	-78.43	307.22	1,857.53	1,449.94	1,419.53	30.41	47.678	
5,900.00	5,805.07	5,644.01	5,567.42	16.78	14.96	-78.93	313.27	1,873.46	1,462.78	1,431.76	31.03	47.144	
6,000.00	5,903.29	5,742.38	5,664.31	17.11	15.25	-79.42	319.33	1,889.40	1,475.74	1,444.09	31.65	46.630	
6,100.00	6,001.52	5,840.75	5,761.19	17.44	15.55	-79.89	325.38	1,905.34	1,488.80	1,456.53	32.27	46.135	
6,200.00	6,099.74	5,939.12	5,858.07	17.76	15.85	-80.36	331.43	1,921.28	1,501.96	1,469.06	32.90	45.658	
6,300.00	6,197.96	6,037.49	5,954.95	18.09	16.15	-80.83	337.48	1,937.21	1,515.22	1,481.69	33.52	45.198	
6,400.00	6,296.18	6,135.82	6,061.17	18.43	16.45	-81.30	343.53	1,953.15	1,528.58	1,494.94	34.15	44.748	
6,500.00	6,394.41	6,234.15	6,158.50	18.76	16.75	-81.77	349.58	1,969.09	1,541.92	1,508.26	34.78	44.308	
6,600.00	6,492.63	6,332.48	6,256.83	19.09	17.05	-82.24	355.63	1,985.03	1,555.30	1,521.64	35.41	43.868	
6,700.00	6,590.85	6,430.81	6,355.16	19.43	17.35	-82.71	361.68	1,999.97	1,568.68	1,535.02	36.04	43.428	
6,800.00	6,689.07	6,529.14	6,453.49	19.76	17.65	-83.18	367.73	2,014.91	1,582.06	1,548.40	36.67	42.988	
6,900.00	6,787.26	6,627.47	6,551.82	20.10	17.95	-83.65	373.78	2,029.85	1,595.44	1,561.78	37.30	42.548	
7,000.00	6,883.33	6,725.80	6,648.15	20.48	18.25	-84.12	379.83	2,044.79	1,608.82	1,575.16	37.93	42.108	
7,100.00	6,974.38	6,817.88	6,739.20	20.94	18.55	-84.59	385.88	2,059.73	1,622.20	1,588.54	38.56	41.668	
7,200.00	7,058.15	6,901.65	6,823.07	21.48	18.85	-85.06	391.93	2,074.67	1,635.58	1,601.92	39.19	41.228	
7,300.00	7,132.58	6,985.42	6,906.90	22.09	19.15	-85.53	397.98	2,089.61	1,648.96	1,615.30	39.82	40.788	
7,316.57	7,143.88	6,996.72	6,918.20	22.21	19.17	-85.57	399.00	2,091.81	1,650.96	1,617.30	39.87	40.750	
7,400.00	7,195.84	7,048.68	6,969.16	22.78	19.44	-86.04	405.03	2,106.75	1,664.34	1,630.68	40.45	40.310	
7,500.00	7,246.38	7,099.22	7,019.70	23.55	19.89	-86.51	411.08	2,121.69	1,677.72	1,644.06	41.03	39.870	
7,600.00	7,282.95	7,135.79	7,056.27	24.40	19.91	-86.98	417.13	2,136.63	1,691.10	1,657.40	41.61	39.430	
7,700.00	7,304.64	7,157.48	7,077.96	25.31	19.00	-87.45	423.18	2,151.57	1,704.48	1,670.78	42.19	38.990	
7,800.00	7,310.97	7,163.81	7,084.29	26.27	18.71	-87.92	429.23	2,166.51	1,717.86	1,684.16	42.77	38.550	
7,900.00	7,310.51	7,163.35	7,083.83	27.29	18.55	-88.39	435.28	2,181.45	1,731.24	1,697.54	43.35	38.110	
7,956.78	7,310.25	7,163.09	7,083.57	27.90	18.50	-88.51	437.77	2,185.58	1,735.37	1,699.67	43.51	38.030	
8,000.00	7,310.05	7,162.83	7,083.31	28.38	18.48	-88.67	440.26	2,189.71	1,739.50	1,703.80	43.67	37.950	
8,100.00	7,309.59	7,162.37	7,082.85	29.52	18.46	-88.70	442.75	2,193.84	1,743.63	1,707.93	43.83	37.870	
8,200.00	7,309.13	7,161.91	7,082.39	30.72	18.46	-88.82	445.24	2,197.97	1,747.76	1,712.06	43.99	37.790	
8,300.00	7,308.67	7,161.45	7,081.93	31.97	18.47	-88.90	447.73	2,202.10	1,751.89	1,716.19	44.15	37.710	
8,400.00	7,308.21	7,160.99	7,081.47	33.25	18.48	-88.98	450.22	2,206.23	1,756.02	1,720.32	44.31	37.630	
8,500.00	7,307.75	7,160.53	7,081.01	34.57	18.49	-89.03	452.71	2,210.36	1,760.15	1,724.45	44.47	37.550	
8,600.00	7,307.29	7,160.07	7,080.55	35.92	18.49	-89.05	455.20	2,214.49	1,764.28	1,728.58	44.63	37.470	
8,700.00	7,306.83	7,159.61	7,080.09	37.30	18.49	-89.07	457.69	2,218.62	1,768.41	1,732.71	44.79	37.390	
8,800.00	7,306.37	7,159.15	7,079.63	38.70	18.50	-89.09	460.18	2,222.75	1,772.54	1,736.84	44.95	37.310	
8,900.00	7,305.91	7,158.69	7,079.17	40.12	18.49	-89.11	462.67	2,226.88	1,776.67	1,740.97	45.11	37.230	
9,000.00	7,305.45	7,158.23	7,078.71	41.56	18.49	-89.13	465.16	2,231.01	1,780.80	1,745.10	45.27	37.150	
9,100.00	7,304.99	7,157.77	7,078.25	43.02	18.49	-89.15	467.65	2,235.14	1,784.93	1,749.23	45.43	37.070	
9,200.00	7,304.53	7,157.31	7,077.79	44.50	18.48	-89.17	470.14	2,239.27	1,789.06	1,753.36	45.59	36.990	
9,300.00	7,304.07	7,156.85	7,077.33	45.99	18.47	-89.19	472.63	2,243.40	1,793.19	1,757.49	45.75	36.910	
9,400.00	7,303.61	7,156.39	7,076.87	47.49	18.47	-89.21	475.12	2,247.53	1,797.32	1,761.62	45.91	36.830	
9,500.00	7,303.15	7,155.93	7,076.41	49.00	18.47	-89.23	477.61	2,251.66	1,801.45	1,765.75	46.07	36.750	
9,600.00	7,302.69	7,155.47	7,075.95	50.52	18.46	-89.25	480.10	2,255.79	1,805.58	1,769.88	46.23	36.670	
9,700.00	7,302.23	7,155.01	7,075.49	52.06	18.46	-89.27	482.59	2,259.92	1,809.71	1,774.01	46.39	36.590	
9,800.00	7,301.77	7,154.55	7,075.03	53.60	18.45	-89.29	485.08	2,264.05	1,813.84	1,778.14	46.55	36.510	
9,900.00	7,301.31	7,154.09	7,074.57	55.14	18.45	-89.31	487.57	2,268.18	1,817.97	1,782.27	46.71	36.430	
10,000.00	7,300.85	7,153.63	7,074.11	56.70	18.45	-89.33	490.06	2,272.31	1,822.10	1,786.40	46.87	36.350	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,300.39	6,900.00	6,805.96	58.26	18.45	-67.44	390.84	2,028.49	2,257.83	2,209.43	48.40	46.650	
10,200.00	7,299.93	6,900.00	6,805.96	59.83	18.45	-67.44	390.84	2,028.49	2,339.98	2,291.71	48.26	48.483	
10,300.00	7,299.47	6,900.00	6,805.96	61.40	18.45	-67.44	390.84	2,028.49	2,423.47	2,375.33	48.13	50.348	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.17	-2.89	999.77	999.77				
100.00	100.00	100.00	100.00	3.28	3.28	90.17	-2.89	999.77	999.77	992.24	7.53	132.792	
200.00	200.00	200.00	200.00	3.31	3.31	90.17	-2.89	999.77	999.77	992.20	7.57	132.003	
300.00	299.98	300.02	299.98	3.35	3.35	-38.96	-2.89	999.77	998.41	990.76	7.66	130.348	
400.00	399.84	400.16	399.84	3.41	3.42	-39.20	-2.89	999.77	994.35	986.56	7.79	127.689	
500.00	499.45	500.55	499.45	3.49	3.50	-39.61	-2.89	999.77	987.61	979.64	7.96	124.047	
600.00	598.70	601.30	598.70	3.61	3.61	-40.19	-2.89	999.77	978.23	970.04	8.18	119.540	
700.00	697.47	702.53	697.47	3.77	3.74	-40.94	-2.89	999.77	966.28	957.83	8.45	114.299	
800.00	795.74	795.74	795.74	3.96	3.87	-41.74	-2.89	999.77	952.30	943.54	8.76	108.700	
900.00	893.96	870.77	870.76	4.19	3.97	-42.31	-2.84	1,000.64	939.42	930.36	9.06	103.684	
1,000.00	992.19	945.18	945.11	4.45	4.08	-42.90	-2.68	1,003.44	929.27	919.88	9.38	99.017	
1,100.00	1,090.41	1,019.94	1,019.72	4.73	4.20	-43.49	-2.40	1,008.19	921.85	912.12	9.73	94.715	
1,200.00	1,188.63	1,094.94	1,094.42	5.03	4.33	-44.09	-2.01	1,014.91	917.20	907.10	10.10	90.769	
1,300.00	1,286.85	1,170.10	1,169.07	5.34	4.47	-44.69	-1.50	1,023.60	915.33	904.83	10.50	87.190	
1,317.52	1,304.06	1,183.27	1,182.13	5.40	4.49	-44.79	-1.40	1,025.32	915.29	904.72	10.57	86.604	
1,400.00	1,385.07	1,245.29	1,243.50	5.67	4.62	-45.28	-0.87	1,034.25	916.23	905.32	10.91	83.989	
1,500.00	1,483.30	1,320.43	1,317.57	6.00	4.79	-45.87	-0.14	1,046.83	919.90	908.57	11.33	81.161	
1,600.00	1,581.52	1,411.31	1,406.83	6.35	5.01	-46.56	0.86	1,063.90	925.76	913.93	11.83	78.255	
1,700.00	1,679.74	1,510.38	1,504.10	6.70	5.27	-47.30	1.96	1,082.64	931.94	919.56	12.38	75.307	
1,800.00	1,777.96	1,609.45	1,601.38	7.06	5.55	-48.04	3.06	1,101.38	938.27	925.33	12.94	72.511	
1,900.00	1,876.19	1,708.52	1,698.66	7.26	5.84	-48.76	4.16	1,120.11	944.75	931.60	13.15	71.819	
2,000.00	1,974.41	1,807.59	1,795.93	7.31	6.14	-49.48	5.25	1,138.85	951.39	937.95	13.44	70.798	
2,100.00	2,072.63	1,906.66	1,893.21	7.37	6.31	-50.18	6.35	1,157.58	958.17	944.71	13.46	71.196	
2,200.00	2,170.85	2,005.73	1,990.48	7.45	6.33	-50.88	7.45	1,176.32	965.09	951.54	13.55	71.209	
2,300.00	2,269.07	2,104.80	2,087.76	7.54	6.39	-51.56	8.54	1,195.05	972.16	958.47	13.69	71.008	
2,400.00	2,367.30	2,203.87	2,185.03	7.65	6.47	-52.24	9.64	1,213.79	979.37	965.50	13.86	70.654	
2,500.00	2,465.52	2,302.94	2,282.31	7.78	6.56	-52.90	10.74	1,232.52	986.71	972.64	14.06	70.155	
2,600.00	2,563.74	2,402.01	2,379.59	7.92	6.67	-53.56	11.84	1,251.26	994.18	979.88	14.30	69.527	
2,700.00	2,661.96	2,501.08	2,476.86	8.07	6.80	-54.20	12.93	1,269.99	1,001.78	987.22	14.56	68.787	
2,800.00	2,760.18	2,600.15	2,574.14	8.24	6.94	-54.84	14.03	1,288.73	1,009.51	994.65	14.86	67.951	
2,900.00	2,858.41	2,700.78	2,671.41	8.42	7.10	-55.46	15.13	1,307.47	1,017.36	1,002.18	15.18	67.027	
3,000.00	2,956.63	2,801.71	2,768.69	8.61	7.27	-56.08	16.23	1,326.20	1,025.33	1,009.80	15.53	66.037	
3,100.00	3,054.85	2,902.64	2,865.96	8.81	7.46	-56.69	17.32	1,344.94	1,033.42	1,017.52	15.90	64.999	
3,200.00	3,153.07	3,003.58	2,963.24	9.02	7.66	-57.29	18.42	1,363.67	1,041.63	1,025.33	16.29	63.927	
3,300.00	3,251.30	3,104.51	3,060.52	9.24	7.87	-57.88	19.52	1,382.41	1,049.94	1,033.23	16.71	62.833	
3,400.00	3,349.52	3,205.44	3,157.79	9.47	8.09	-58.46	20.62	1,401.14	1,058.37	1,041.22	17.15	61.730	
3,500.00	3,447.74	3,306.37	3,255.07	9.71	8.32	-59.03	21.71	1,419.88	1,066.90	1,049.30	17.60	60.624	
3,600.00	3,545.96	3,407.30	3,352.34	9.95	8.56	-59.59	22.81	1,438.61	1,075.54	1,057.47	18.07	59.524	
3,700.00	3,644.18	3,508.23	3,449.62	10.21	8.80	-60.14	23.91	1,457.35	1,084.28	1,065.72	18.55	58.436	
3,800.00	3,742.41	3,609.16	3,546.90	10.46	9.06	-60.68	25.01	1,476.08	1,093.12	1,074.06	19.06	57.366	
3,900.00	3,840.63	3,689.91	3,644.17	10.73	9.27	-61.22	26.10	1,494.82	1,102.06	1,082.53	19.52	56.455	
4,000.00	3,938.85	3,788.98	3,741.45	11.00	9.53	-61.75	27.20	1,513.56	1,111.09	1,091.05	20.04	55.440	
4,100.00	4,037.07	3,888.05	3,838.72	11.27	9.79	-62.26	28.30	1,532.29	1,120.21	1,099.64	20.57	54.452	
4,200.00	4,135.30	3,987.12	3,936.00	11.55	10.06	-62.77	29.40	1,551.03	1,129.43	1,108.31	21.11	53.491	
4,300.00	4,233.52	4,086.19	4,033.27	11.83	10.34	-63.27	30.49	1,569.76	1,138.73	1,117.06	21.67	52.559	
4,400.00	4,331.74	4,185.26	4,130.55	12.12	10.62	-63.77	31.59	1,588.50	1,148.12	1,125.89	22.23	51.657	
4,500.00	4,429.96	4,284.33	4,227.83	12.41	10.91	-64.25	32.69	1,607.23	1,157.59	1,134.79	22.79	50.784	
4,600.00	4,528.18	4,383.40	4,325.10	12.71	11.19	-64.73	33.79	1,625.97	1,167.14	1,143.77	23.37	49.940	
4,700.00	4,626.41	4,482.47	4,422.38	13.01	11.49	-65.20	34.88	1,644.70	1,176.78	1,152.82	23.95	49.126	
4,800.00	4,724.63	4,581.54	4,519.65	13.31	11.78	-65.66	35.98	1,663.44	1,186.49	1,161.94	24.54	48.340	
4,900.00	4,822.85	4,680.61	4,616.93	13.61	12.08	-66.12	37.08	1,682.17	1,196.28	1,171.13	25.14	47.583	
5,000.00	4,921.07	4,779.68	4,714.20	13.92	12.38	-66.57	38.18	1,700.91	1,206.14	1,180.39	25.74	46.853	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,019.30	4,878.75	4,811.48	14.23	12.68	-67.01	39.27	1,719.65	1,216.07	1,189.72	26.35	46.150	
5,200.00	5,117.52	4,977.82	4,908.76	14.54	12.99	-67.44	40.37	1,738.38	1,226.08	1,199.11	26.96	45.472	
5,300.00	5,215.74	5,076.89	5,006.03	14.86	13.29	-67.87	41.47	1,757.12	1,236.15	1,208.57	27.58	44.820	
5,400.00	5,313.96	5,175.96	5,103.31	15.17	13.60	-68.28	42.57	1,775.85	1,246.29	1,218.09	28.20	44.191	
5,500.00	5,412.18	5,275.03	5,200.58	15.49	13.92	-68.70	43.66	1,794.59	1,256.50	1,227.67	28.83	43.586	
5,600.00	5,510.41	5,374.10	5,297.86	15.81	14.23	-69.10	44.76	1,813.32	1,266.77	1,237.31	29.46	43.003	
5,700.00	5,608.63	5,473.17	5,395.13	16.13	14.54	-69.50	45.86	1,832.06	1,277.10	1,247.01	30.09	42.441	
5,800.00	5,706.85	5,572.24	5,492.41	16.46	14.86	-69.90	46.96	1,850.79	1,287.49	1,256.77	30.73	41.900	
5,900.00	5,805.07	5,671.31	5,589.69	16.78	15.18	-70.28	48.05	1,869.53	1,297.95	1,266.58	31.37	41.379	
6,000.00	5,903.29	5,769.42	5,687.29	17.11	15.49	-70.67	49.15	1,888.26	1,308.41	1,277.04	32.00	40.848	
6,100.00	6,001.52	5,867.65	5,785.16	17.44	15.81	-71.06	50.25	1,906.99	1,319.38	1,287.34	32.63	40.317	
6,200.00	6,099.74	5,965.88	5,883.39	17.76	16.13	-71.47	51.35	1,925.72	1,330.35	1,297.23	33.26	39.786	
6,300.00	6,197.96	6,064.11	5,981.62	18.09	16.46	-71.88	52.45	1,944.45	1,341.32	1,307.12	33.89	39.255	
6,400.00	6,296.18	6,162.34	6,079.85	18.43	16.78	-72.29	53.55	1,963.18	1,352.29	1,317.01	34.52	38.724	
6,500.00	6,394.41	6,260.57	6,178.08	18.76	17.11	-72.70	54.65	1,981.91	1,363.26	1,326.90	35.15	38.193	
6,600.00	6,492.63	6,358.80	6,276.31	19.09	17.44	-73.11	55.75	1,999.64	1,374.23	1,336.79	35.78	37.662	
6,700.00	6,590.85	6,457.03	6,374.54	19.43	17.76	-73.52	56.85	2,018.37	1,385.20	1,346.68	36.41	37.131	
6,800.00	6,689.07	6,555.26	6,472.77	19.76	18.09	-73.93	57.95	2,037.10	1,396.17	1,356.57	37.04	36.600	
6,900.00	6,787.29	6,653.49	6,571.00	20.10	18.43	-74.34	59.05	2,055.83	1,407.14	1,366.46	37.67	36.069	
6,992.23	6,876.02	6,742.22	6,659.73	20.45	18.78	-74.75	60.15	2,074.56	1,418.11	1,376.35	38.30	35.538	20.615 CC, ES
7,000.00	6,883.33	6,749.53	6,667.04	20.48	18.81	-74.78	60.18	2,076.18	1,419.38	1,377.62	40.76	20.604 SF	
7,100.00	6,974.38	6,831.58	6,758.09	20.94	19.27	-75.24	61.28	2,094.91	1,430.35	1,387.51	40.94	20.651	
7,200.00	7,058.15	6,915.35	6,841.86	21.48	19.81	-75.73	62.38	2,113.64	1,441.32	1,397.40	40.94	20.987	
7,300.00	7,132.58	7,000.18	6,926.29	22.09	20.42	-76.24	63.48	2,132.37	1,452.29	1,407.29	40.81	21.503	
7,400.00	7,195.84	7,074.61	6,990.72	22.78	21.09	-76.76	64.58	2,151.10	1,463.26	1,417.18	40.69	22.051	
7,500.00	7,246.38	7,125.15	7,041.26	23.55	21.81	-77.29	65.68	2,169.83	1,474.23	1,427.07	40.70	22.499	
7,600.00	7,282.95	7,161.72	7,077.83	24.40	22.59	-77.82	66.78	2,188.56	1,485.20	1,436.96	40.85	22.767	
7,700.00	7,304.64	7,183.41	7,099.52	25.31	23.42	-78.35	67.88	2,207.29	1,496.17	1,446.85	41.08	22.914	
7,800.00	7,310.97	7,189.74	7,105.85	26.27	24.38	-78.88	68.98	2,226.02	1,507.14	1,456.74	41.39	22.946	
7,900.00	7,310.51	7,189.28	7,105.39	27.29	25.40	-79.41	69.98	2,244.75	1,518.11	1,466.63	41.71	22.986	
8,000.00	7,310.05	7,188.82	7,104.93	28.38	26.47	-79.94	70.98	2,263.48	1,529.08	1,476.52	42.02	23.133	
8,100.00	7,309.59	7,188.36	7,104.47	29.52	27.59	-80.47	71.98	2,282.21	1,540.05	1,486.41	42.25	23.427	
8,200.00	7,309.13	7,187.90	7,104.01	30.72	28.75	-81.00	72.98	2,300.94	1,551.02	1,496.30	42.42	23.876	
8,300.00	7,308.67	7,187.44	7,103.55	31.97	29.95	-81.53	73.98	2,319.67	1,561.99	1,506.19	42.51	24.488	
8,400.00	7,308.21	7,186.98	7,103.09	33.25	31.19	-82.06	74.98	2,338.40	1,572.96	1,516.08	42.52	25.267	
8,500.00	7,307.75	7,186.52	7,102.63	34.57	32.47	-82.59	75.98	2,357.13	1,583.93	1,525.97	42.49	26.199	
8,600.00	7,307.29	7,186.06	7,102.17	35.92	33.79	-83.12	76.98	2,375.86	1,594.90	1,535.86	42.40	27.288	
8,700.00	7,306.83	7,185.60	7,101.71	37.30	35.15	-83.65	77.98	2,394.59	1,605.87	1,545.75	42.29	28.520	
8,800.00	7,306.37	7,185.14	7,101.25	38.70	36.55	-84.18	78.98	2,413.32	1,616.84	1,555.64	42.14	29.881	
8,900.00	7,305.91	7,184.68	7,100.79	40.12	37.99	-84.71	79.98	2,432.05	1,627.81	1,565.53	42.00	31.358	
9,000.00	7,305.45	7,184.22	7,100.33	41.56	39.47	-85.24	80.98	2,450.78	1,638.78	1,575.42	41.84	32.944	
9,100.00	7,304.99	7,183.76	7,099.87	43.02	40.99	-85.77	81.98	2,469.51	1,649.75	1,585.31	41.69	34.622	
9,200.00	7,304.53	7,183.30	7,099.41	44.50	42.55	-86.30	82.98	2,488.24	1,660.72	1,595.20	41.54	36.380	
9,300.00	7,304.07	7,182.84	7,098.95	45.99	44.15	-86.83	83.98	2,506.97	1,671.69	1,605.09	41.41	38.210	
9,400.00	7,303.61	7,182.38	7,098.49	47.49	45.79	-87.36	84.98	2,525.70	1,682.66	1,614.98	41.29	40.102	
9,500.00	7,303.15	7,181.92	7,098.03	49.00	47.47	-87.89	85.98	2,544.43	1,693.63	1,624.87	41.20	42.033	
9,600.00	7,302.69	7,181.46	7,097.57	50.52	49.19	-88.42	86.98	2,563.16	1,704.60	1,634.76	41.08	44.039	
9,700.00	7,302.23	7,181.00	7,097.11	52.06	50.95	-88.95	87.98	2,581.89	1,715.57	1,644.65	40.98	46.095	
9,800.00	7,301.77	7,180.54	7,096.65	53.60	52.73	-89.48	88.98	2,600.62	1,726.54	1,654.54	40.92	48.139	
9,900.00	7,301.31	7,180.08	7,096.19	55.14	54.55	-89.99	89.98	2,619.35	1,737.51	1,664.43	40.88	50.219	
10,000.00	7,300.85	7,179.62	7,095.73	56.70	56.41	-90.52	90.98	2,638.08	1,748.48	1,674.32	40.81	52.354	
10,100.00	7,300.39	7,179.16	7,095.27	58.26	58.31	-91.05	91.98	2,656.81	1,759.45	1,684.21	40.77	54.496	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,299.93	6,650.00	6,552.28	59.83	17.71	-49.25	58.83	1,971.60	2,308.13	2,267.42	40.72	56.688	
10,300.00	7,299.47	6,650.00	6,552.28	61.40	17.71	-49.25	58.83	1,971.60	2,395.13	2,354.42	40.70	58.842	
10,400.00	7,299.01	6,650.00	6,552.28	62.98	17.71	-49.25	58.83	1,971.60	2,483.10	2,442.40	40.70	61.013	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.16	-2.89	1,019.81	1,019.82				
100.00	100.00	100.00	100.00	3.28	3.28	90.16	-2.89	1,019.81	1,019.82	1,012.29	7.53	135.455	
200.00	200.00	200.00	200.00	3.31	3.31	90.16	-2.89	1,019.81	1,019.82	1,012.24	7.57	134.649	
300.00	299.98	274.46	274.45	3.35	3.34	-38.95	-2.63	1,020.75	1,019.71	1,012.07	7.64	133.417	
400.00	399.84	348.85	348.78	3.41	3.38	-39.13	-1.86	1,023.54	1,019.40	1,011.66	7.74	131.736	
500.00	499.45	423.09	422.86	3.49	3.44	-39.44	-0.57	1,028.18	1,018.92	1,011.05	7.86	129.551	
600.00	598.70	500.00	499.45	3.61	3.51	-39.89	1.30	1,034.94	1,018.31	1,010.28	8.03	126.796	
700.00	697.47	570.84	569.81	3.77	3.59	-40.42	3.51	1,042.91	1,017.62	1,009.40	8.23	123.681	
768.57	764.94	621.23	619.72	3.90	3.66	-40.84	5.37	1,049.60	1,017.53	1,009.14	8.39	121.279	
800.00	795.74	644.26	642.48	3.96	3.69	-41.06	6.30	1,052.94	1,017.42	1,008.95	8.47	120.130 CC, ES	
900.00	893.96	727.58	724.65	4.19	3.83	-41.81	9.98	1,066.24	1,019.51	1,010.74	8.77	116.214	
1,000.00	992.19	826.23	821.87	4.45	4.02	-42.71	14.46	1,082.37	1,022.31	1,013.15	9.16	111.666	
1,100.00	1,090.41	924.87	919.08	4.73	4.24	-43.60	18.93	1,098.50	1,025.36	1,015.78	9.58	107.075	
1,200.00	1,188.63	1,023.52	1,016.30	5.03	4.47	-44.49	23.41	1,114.63	1,028.66	1,018.63	10.03	102.546	
1,300.00	1,286.85	1,122.16	1,113.51	5.34	4.73	-45.37	27.88	1,130.76	1,032.22	1,021.70	10.52	98.154	
1,400.00	1,385.07	1,220.81	1,210.73	5.67	5.00	-46.24	32.35	1,146.89	1,036.02	1,024.99	11.03	93.950	
1,500.00	1,483.30	1,319.45	1,307.94	6.00	5.28	-47.11	36.83	1,163.02	1,040.06	1,028.50	11.56	89.959	
1,600.00	1,581.52	1,418.10	1,405.15	6.35	5.57	-47.97	41.30	1,179.15	1,044.35	1,032.24	12.11	86.211	
1,700.00	1,679.74	1,516.75	1,502.37	6.70	5.88	-48.82	45.78	1,195.29	1,048.88	1,036.20	12.69	82.685	
1,800.00	1,777.96	1,615.39	1,599.58	7.06	6.19	-49.67	50.25	1,211.42	1,053.64	1,040.37	13.27	79.388	
1,900.00	1,876.19	1,714.04	1,698.80	7.26	6.50	-50.50	54.73	1,227.55	1,058.64	1,045.14	13.51	78.388	
2,000.00	1,974.41	1,812.68	1,794.01	7.31	6.81	-51.33	59.20	1,243.68	1,063.87	1,050.07	13.79	77.121	
2,100.00	2,072.63	1,911.33	1,891.23	7.37	6.97	-52.16	63.67	1,259.81	1,069.32	1,055.51	13.81	77.438	
2,200.00	2,170.85	2,009.97	1,988.44	7.45	7.01	-52.97	68.15	1,275.94	1,074.99	1,061.08	13.91	77.278	
2,300.00	2,269.07	2,108.62	2,085.66	7.54	7.06	-53.78	72.62	1,292.07	1,080.89	1,066.84	14.05	76.958	
2,400.00	2,367.30	2,207.26	2,182.87	7.65	7.13	-54.57	77.10	1,308.20	1,087.00	1,072.79	14.21	76.495	
2,500.00	2,465.52	2,305.91	2,280.08	7.78	7.22	-55.36	81.57	1,324.33	1,093.32	1,078.91	14.41	75.883	
2,600.00	2,563.74	2,404.55	2,377.30	7.92	7.32	-56.14	86.04	1,340.46	1,099.85	1,085.22	14.63	75.160	
2,700.00	2,661.96	2,503.20	2,474.51	8.07	7.43	-56.91	90.52	1,356.59	1,106.58	1,091.70	14.89	74.324	
2,800.00	2,760.18	2,601.84	2,571.73	8.24	7.56	-57.67	94.99	1,372.72	1,113.52	1,098.35	15.17	73.403	
2,900.00	2,858.41	2,700.49	2,668.94	8.42	7.69	-58.42	99.47	1,388.85	1,120.65	1,105.18	15.48	72.408	
3,000.00	2,956.63	2,799.13	2,766.16	8.61	7.84	-59.16	103.94	1,404.98	1,127.98	1,112.17	15.81	71.354	
3,100.00	3,054.85	2,902.22	2,863.37	8.81	8.01	-59.90	108.41	1,421.11	1,135.50	1,119.33	16.17	70.229	
3,200.00	3,153.07	3,003.58	2,960.59	9.02	8.19	-60.62	112.89	1,437.24	1,143.20	1,126.65	16.55	69.082	
3,300.00	3,251.30	3,104.93	3,057.80	9.24	8.37	-61.33	117.36	1,453.37	1,151.08	1,134.14	16.95	67.915	
3,400.00	3,349.52	3,206.29	3,155.02	9.47	8.57	-62.04	121.84	1,469.50	1,159.15	1,141.78	17.37	66.739	
3,500.00	3,447.74	3,307.64	3,252.23	9.71	8.77	-62.73	126.31	1,485.63	1,167.39	1,149.58	17.81	65.563	
3,600.00	3,545.96	3,409.00	3,349.44	9.95	8.98	-63.41	130.78	1,501.76	1,175.80	1,157.54	18.26	64.395	
3,700.00	3,644.18	3,489.65	3,446.66	10.21	9.16	-64.09	135.26	1,517.89	1,184.37	1,165.69	18.69	63.382	
3,800.00	3,742.41	3,588.29	3,543.87	10.46	9.38	-64.75	139.73	1,534.02	1,193.11	1,173.95	19.16	62.263	
3,900.00	3,840.63	3,686.94	3,641.09	10.73	9.60	-65.41	144.21	1,550.16	1,202.01	1,182.36	19.65	61.167	
4,000.00	3,938.85	3,785.58	3,738.30	11.00	9.84	-66.06	148.68	1,566.29	1,211.07	1,190.92	20.15	60.096	
4,100.00	4,037.07	3,884.23	3,835.52	11.27	10.07	-66.69	153.16	1,582.42	1,220.28	1,199.62	20.66	59.053	
4,200.00	4,135.30	3,982.87	3,932.73	11.55	10.32	-67.32	157.63	1,598.55	1,229.64	1,208.46	21.19	58.039	
4,300.00	4,233.52	4,081.52	4,029.95	11.83	10.57	-67.94	162.10	1,614.68	1,239.15	1,217.43	21.72	57.055	
4,400.00	4,331.74	4,180.16	4,127.16	12.12	10.82	-68.55	166.58	1,630.81	1,248.80	1,226.54	22.26	56.102	
4,500.00	4,429.96	4,278.81	4,224.37	12.41	11.07	-69.15	171.05	1,646.94	1,258.59	1,235.79	22.81	55.181	
4,600.00	4,528.18	4,377.45	4,321.59	12.71	11.34	-69.74	175.53	1,663.07	1,268.52	1,245.16	23.37	54.291	
4,700.00	4,626.41	4,476.10	4,418.80	13.01	11.60	-70.32	180.00	1,679.20	1,278.58	1,254.65	23.93	53.432	
4,800.00	4,724.63	4,574.74	4,516.02	13.31	11.87	-70.89	184.47	1,695.33	1,288.77	1,264.27	24.50	52.604	
4,900.00	4,822.85	4,673.39	4,613.23	13.61	12.14	-71.45	188.95	1,711.46	1,299.09	1,274.01	25.08	51.806	
5,000.00	4,921.07	4,772.03	4,710.45	13.92	12.41	-72.01	193.42	1,727.59	1,309.53	1,283.87	25.66	51.037	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.30	4,870.68	4,807.66	14.23	12.69	-72.55	197.90	1,743.72	1,320.10	1,293.85	26.25	50.296	
5,200.00	5,117.52	4,969.33	4,904.88	14.54	12.97	-73.09	202.37	1,759.85	1,330.78	1,303.94	26.84	49.583	
5,300.00	5,215.74	5,067.97	5,002.09	14.86	13.25	-73.62	206.84	1,775.98	1,341.58	1,314.14	27.44	48.897	
5,400.00	5,313.96	5,166.62	5,099.30	15.17	13.53	-74.14	211.32	1,792.11	1,352.49	1,324.45	28.04	48.237	
5,500.00	5,412.18	5,265.26	5,196.52	15.49	13.82	-74.65	215.79	1,808.24	1,363.51	1,334.86	28.64	47.601	
5,600.00	5,510.41	5,363.91	5,293.73	15.81	14.10	-75.15	220.27	1,824.37	1,374.64	1,345.38	29.25	46.990	
5,700.00	5,608.63	5,462.55	5,390.95	16.13	14.39	-75.65	224.74	1,840.50	1,385.87	1,356.00	29.87	46.401	
5,800.00	5,706.85	5,561.20	5,488.16	16.46	14.69	-76.14	229.21	1,856.63	1,397.20	1,366.72	30.48	45.834	
5,900.00	5,805.07	5,659.84	5,585.38	16.78	14.98	-76.62	233.69	1,872.76	1,408.64	1,377.54	31.10	45.289	
6,000.00	5,903.29	5,758.49	5,682.59	17.11	15.27	-77.09	238.16	1,888.89	1,420.17	1,388.45	31.73	44.763	
6,100.00	6,001.52	5,857.13	5,779.81	17.44	15.57	-77.55	242.64	1,905.03	1,431.80	1,399.45	32.35	44.257	
6,200.00	6,099.74	5,955.78	5,877.02	17.76	15.87	-78.01	247.11	1,921.16	1,443.52	1,410.54	32.98	43.770	
6,300.00	6,197.96	6,054.00	5,974.24	18.09	16.17	-78.46	251.58	1,937.29	1,455.24	1,422.26	33.61	43.283	
6,400.00	6,296.18	6,152.22	6,072.46	18.43	16.47	-78.91	256.05	1,953.42	1,466.96	1,433.98	34.24	42.796	
6,500.00	6,394.41	6,250.44	6,170.68	18.76	16.77	-79.36	259.79	1,969.55	1,478.68	1,445.70	34.87	42.309	
6,600.00	6,492.63	6,348.66	6,268.90	19.09	17.07	-79.81	264.99	1,985.68	1,490.40	1,457.42	35.50	41.822	
6,700.00	6,590.85	6,446.88	6,367.12	19.43	17.37	-80.26	269.46	1,999.79	1,502.12	1,469.14	36.13	41.335	
6,800.00	6,689.07	6,545.10	6,465.34	19.76	17.67	-80.71	273.93	2,013.91	1,513.84	1,480.86	36.76	40.848	
6,900.00	6,787.26	6,643.32	6,563.56	20.10	17.97	-81.16	278.40	2,028.02	1,525.56	1,492.58	37.39	40.361	
7,000.00	6,885.51	6,741.54	6,661.78	20.48	18.27	-81.61	282.87	2,042.14	1,537.28	1,504.30	38.02	39.874	
7,100.00	6,974.38	6,830.41	6,750.24	20.94	18.58	-82.06	287.34	2,056.26	1,549.00	1,516.02	38.65	39.387	
7,200.00	7,062.68	6,918.71	6,838.54	21.37	18.89	-82.51	291.81	2,070.38	1,560.72	1,527.74	39.28	38.900	
7,300.00	7,150.98	7,004.94	6,924.77	21.80	19.20	-82.96	296.28	2,084.50	1,572.44	1,539.46	39.91	38.413	
7,400.00	7,239.28	7,093.24	7,013.07	22.23	19.51	-83.41	300.75	2,098.62	1,584.16	1,551.18	40.54	37.926	
7,500.00	7,327.58	7,181.54	7,101.37	22.66	19.82	-83.86	305.22	2,112.74	1,595.88	1,562.90	41.17	37.439	
7,600.00	7,415.88	7,269.84	7,189.67	23.09	20.13	-84.31	309.69	2,126.86	1,607.60	1,574.62	41.80	36.952	
7,700.00	7,504.18	7,358.14	7,277.97	23.52	20.44	-84.76	314.16	2,140.98	1,619.32	1,586.34	42.43	36.465	
7,800.00	7,592.48	7,446.44	7,366.27	23.95	20.75	-85.21	318.63	2,155.10	1,631.04	1,598.06	43.06	35.978	
7,900.00	7,680.78	7,534.74	7,454.57	24.38	21.06	-85.66	323.10	2,169.22	1,642.76	1,609.78	43.69	35.491	
8,000.00	7,769.08	7,623.04	7,543.87	24.81	21.37	-86.11	327.57	2,183.34	1,654.48	1,621.50	44.32	35.004	
8,100.00	7,857.38	7,711.34	7,631.17	25.24	21.68	-86.56	332.04	2,197.46	1,666.20	1,633.22	44.95	34.517	
8,200.00	7,945.68	7,800.04	7,720.00	25.67	21.99	-87.01	336.51	2,211.58	1,677.92	1,644.94	45.58	34.030	
8,300.00	8,033.98	7,888.34	7,808.30	26.10	22.30	-87.46	340.98	2,225.70	1,689.64	1,656.66	46.21	33.543	
8,400.00	8,122.28	7,976.64	7,896.60	26.53	22.61	-87.91	345.45	2,239.82	1,701.36	1,668.38	46.84	33.056	
8,500.00	8,210.58	8,064.94	7,984.90	26.96	22.92	-88.36	349.92	2,253.94	1,713.08	1,680.10	47.47	32.569	
8,600.00	8,298.88	8,153.24	8,073.20	27.39	23.23	-88.81	354.39	2,268.06	1,724.80	1,691.82	48.10	32.082	
8,700.00	8,387.18	8,241.54	8,161.50	27.82	23.54	-89.26	358.86	2,282.18	1,736.52	1,703.54	48.73	31.595	
8,800.00	8,475.48	8,329.84	8,249.80	28.25	23.85	-89.71	363.33	2,296.30	1,748.24	1,715.26	49.36	31.108	
8,900.00	8,563.78	8,418.14	8,338.10	28.68	24.16	-90.16	367.80	2,310.42	1,759.96	1,726.98	50.00	30.621	
9,000.00	8,652.08	8,506.44	8,426.40	29.11	24.47	-90.61	372.27	2,324.54	1,771.68	1,738.70	50.63	30.134	
9,100.00	8,740.38	8,594.74	8,514.70	29.54	24.78	-91.06	376.74	2,338.66	1,783.40	1,750.42	51.26	29.647	
9,200.00	8,828.68	8,683.04	8,603.00	29.97	25.09	-91.51	381.21	2,352.78	1,795.12	1,762.14	51.89	29.160	
9,300.00	8,916.98	8,771.34	8,691.30	30.40	25.40	-91.96	385.68	2,366.90	1,806.84	1,773.86	52.52	28.673	
9,400.00	9,005.28	8,859.64	8,779.60	30.83	25.71	-92.41	390.15	2,381.02	1,818.56	1,785.58	53.15	28.186	
9,500.00	9,093.58	8,947.94	8,867.90	31.26	26.02	-92.86	394.62	2,395.14	1,830.28	1,797.30	53.78	27.699	
9,600.00	9,181.88	9,036.24	8,956.20	31.69	26.33	-93.31	399.09	2,409.26	1,842.00	1,809.02	54.41	27.212	
9,700.00	9,270.18	9,124.54	9,044.50	32.12	26.64	-93.76	403.56	2,423.38	1,853.72	1,820.74	55.04	26.725	
9,800.00	9,358.48	9,212.84	9,132.80	32.55	26.95	-94.21	408.03	2,437.50	1,865.44	1,832.46	55.67	26.238	
9,900.00	9,446.78	9,301.14	9,221.10	32.98	27.26	-94.66	412.50	2,451.62	1,877.16	1,844.18	56.30	25.751	
10,000.00	9,535.08	9,389.44	9,309.40	33.41	27.57	-95.11	416.97	2,465.74	1,888.88	1,855.90	56.93	25.264	
10,100.00	9,623.38	9,477.74	9,397.70	33.84	27.88	-95.56	421.44	2,479.86	1,900.60	1,867.62	57.56	24.777	
10,200.00	9,711.68	9,566.04	9,486.00	34.27	28.19	-96.01	425.91	2,493.98	1,912.32	1,879.34	58.19	24.290	
10,300.00	9,800.00	9,654.34	9,574.30	34.70	28.50	-96.46	430.38	2,508.10	1,924.04	1,891.06	58.82	23.803	
10,400.00	9,888.30	9,742.64	9,662.60	35.13	28.81	-96.91	434.85	2,522.22	1,935.76	1,902.78	59.45	23.316	
10,500.00	9,976.60	9,830.94	9,750.90	35.56	29.12	-97.36	439.32	2,536.34	1,947.48	1,914.50	60.08	22.829	
10,600.00	10,064.90	9,919.24	9,839.20	35.99	29.43	-97.81	443.79	2,550.46	1,959.20	1,926.22	60.71	22.342	
10,700.00	10,153.20	10,007.54	9,927.50	36.42	29.74	-98.26	448.26	2,564.58	1,970.92	1,937.94	61.34	21.855	
10,800.00	10,241.50	10,095.84	10,015.80	36.85	30.05	-98.71	452.73	2,578.70	1,982.64	1,949.66	61.97	21.368	
10,900.00	10,329.80	10,184.14	10,104.10	37.28	30.36	-99.16	457.20	2,592.82	1,994.36	1,961.38	62.60	20.881	
11,000.00	10,418.10	10,272.44	10,192.40	37.71	30.67	-99.61	461.67	2,606.94	2,006.08	1,973.10	63.23	20.394	
11,100.00	10,506.40	10,360.74	10,280.70	38.14	30.98	-100.06	466.14	2,621.06	2,017.80	1,984.82	63.86	19.907	
11,200.00	10,594.70	10,449.04	10,369.00	38.57	31.29	-100.51	470.61	2,635.18	2,029.52	1,996.54	64.49	19.420	
11,300.00	10,683.00	10,537.34	10,457.30	39.00	31.60	-100.96	475.08	2,649.30	2,041.24	2,008.26	65.12	18.933	
11,400.00	10,771.30	10,625.64	10,545.60	39.43	31.91	-101.41	479.55	2,663.42	2,052.96	2,019.98	65.75	18.446	
11,500.00	10,859.60	10,713.94	10,633.90	39.86	32.22								

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,299.93	6,800.00	6,710.50	59.83	18.03	-61.55	285.09	2,006.12	2,328.85	2,283.30	45.54	51.136	
10,300.00	7,299.47	6,800.00	6,710.50	61.40	18.03	-61.55	285.09	2,006.12	2,413.65	2,368.21	45.44	53.114	
10,400.00	7,299.01	6,800.00	6,710.50	62.98	18.03	-61.55	285.09	2,006.12	2,499.58	2,454.23	45.35	55.116	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.14	-2.17	899.82	899.82				
100.00	100.00	100.00	100.00	3.28	3.28	90.14	-2.17	899.82	899.82	892.29	7.53	119.516	
200.00	200.00	200.00	200.00	3.31	3.31	90.14	-2.17	899.82	899.82	892.25	7.57	118.806	
300.00	299.98	289.58	289.58	3.35	3.34	-38.97	-2.32	900.05	898.75	891.10	7.65	117.463	
400.00	399.84	368.77	368.74	3.41	3.39	-39.09	-3.52	901.88	897.00	889.25	7.75	115.737	
500.00	499.45	448.01	447.85	3.49	3.44	-39.24	-5.91	905.54	894.85	886.97	7.88	113.508	
600.00	598.70	527.30	526.87	3.61	3.52	-39.43	-9.51	911.04	892.32	884.27	8.06	110.775	
700.00	697.47	606.65	605.73	3.77	3.61	-39.67	-14.31	918.37	889.41	881.14	8.27	107.555	
800.00	795.74	686.11	684.42	3.96	3.72	-39.90	-20.31	927.54	886.60	878.07	8.53	103.938	
881.39	875.68	750.88	748.34	4.15	3.83	-40.02	-26.08	936.37	885.84	877.07	8.77	100.957	
900.00	893.96	765.70	762.92	4.19	3.86	-40.04	-27.52	938.56	885.88	877.05	8.83	100.289	
1,000.00	992.19	852.19	847.81	4.45	4.04	-40.11	-36.59	952.42	887.33	878.13	9.20	96.499	
1,100.00	1,090.41	952.17	945.82	4.73	4.28	-40.18	-47.38	968.92	889.28	879.64	9.64	92.255	
1,200.00	1,188.63	1,052.15	1,043.84	5.03	4.55	-40.24	-58.17	985.41	891.23	881.11	10.12	88.059	
1,300.00	1,286.85	1,152.12	1,141.85	5.34	4.84	-40.30	-68.97	1,001.90	893.19	882.55	10.63	83.987	
1,400.00	1,385.07	1,252.10	1,239.86	5.67	5.15	-40.37	-79.76	1,018.40	895.14	883.97	11.18	80.093	
1,500.00	1,483.30	1,352.07	1,337.88	6.00	5.47	-40.43	-90.55	1,034.89	897.10	885.36	11.74	76.405	
1,600.00	1,581.52	1,452.05	1,435.89	6.35	5.81	-40.49	-101.34	1,051.38	899.06	886.74	12.32	72.949	
1,700.00	1,679.74	1,552.03	1,533.91	6.70	6.16	-40.55	-112.13	1,067.87	901.02	888.09	12.93	69.702	
1,800.00	1,777.96	1,652.00	1,631.92	7.06	6.52	-40.61	-122.92	1,084.37	902.98	889.44	13.54	66.674	
1,900.00	1,876.19	1,751.98	1,729.93	7.26	6.88	-40.67	-133.72	1,100.86	904.94	891.13	13.81	65.522	
2,000.00	1,974.41	1,851.95	1,827.95	7.31	7.17	-40.74	-144.51	1,117.35	906.90	893.00	13.91	65.215	
2,100.00	2,072.63	1,951.93	1,925.96	7.37	7.29	-40.80	-155.30	1,133.84	908.87	894.82	14.05	64.691	
2,200.00	2,170.85	2,051.91	2,023.98	7.45	7.34	-40.86	-166.09	1,150.34	910.83	896.68	14.15	64.357	
2,300.00	2,269.07	2,151.88	2,121.99	7.54	7.42	-40.92	-176.88	1,166.83	912.80	898.50	14.29	63.876	
2,400.00	2,367.30	2,251.86	2,220.00	7.65	7.51	-40.98	-187.67	1,183.32	914.76	900.30	14.46	63.260	
2,500.00	2,465.52	2,351.83	2,318.02	7.78	7.62	-41.04	-198.47	1,199.82	916.73	902.07	14.66	62.521	
2,600.00	2,563.74	2,451.81	2,416.03	7.92	7.74	-41.10	-209.26	1,216.31	918.70	903.80	14.90	61.676	
2,700.00	2,661.96	2,551.79	2,514.05	8.07	7.88	-41.16	-220.05	1,232.80	920.67	905.51	15.16	60.741	
2,800.00	2,760.18	2,651.76	2,612.06	8.24	8.03	-41.21	-230.84	1,249.29	922.64	907.19	15.45	59.730	
2,900.00	2,858.41	2,751.74	2,710.07	8.42	8.20	-41.27	-241.63	1,265.79	924.61	908.84	15.76	58.659	
3,000.00	2,956.63	2,851.71	2,808.09	8.61	8.38	-41.33	-252.42	1,282.28	926.58	910.48	16.10	57.543	
3,100.00	3,054.85	2,951.69	2,906.10	8.81	8.57	-41.39	-263.22	1,298.77	928.55	912.09	16.47	56.394	
3,200.00	3,153.07	3,051.67	3,004.12	9.02	8.77	-41.45	-274.01	1,315.26	930.53	913.68	16.85	55.224	
3,300.00	3,251.30	3,151.64	3,102.13	9.24	8.98	-41.50	-284.80	1,331.76	932.50	915.25	17.25	54.044	
3,400.00	3,349.52	3,251.62	3,200.14	9.47	9.21	-41.56	-295.59	1,348.25	934.48	916.80	17.68	52.863	
3,500.00	3,447.74	3,351.60	3,298.16	9.71	9.44	-41.62	-306.38	1,364.74	936.45	918.34	18.12	51.687	
3,600.00	3,545.96	3,451.57	3,396.17	9.95	9.68	-41.68	-317.17	1,381.24	938.43	919.86	18.57	50.524	
3,700.00	3,644.18	3,551.55	3,494.19	10.21	9.93	-41.73	-327.97	1,397.73	940.41	921.37	19.05	49.378	
3,800.00	3,742.41	3,651.52	3,592.20	10.46	10.18	-41.79	-338.76	1,414.22	942.39	922.86	19.53	48.253	
3,900.00	3,840.63	3,751.50	3,690.21	10.73	10.44	-41.85	-349.55	1,430.71	944.37	924.34	20.03	47.153	
4,000.00	3,938.85	3,851.48	3,788.23	11.00	10.71	-41.90	-360.34	1,447.21	946.35	925.82	20.54	46.080	
4,100.00	4,037.07	3,951.45	3,886.24	11.27	10.99	-41.96	-371.13	1,463.70	948.33	927.28	21.06	45.036	
4,200.00	4,135.30	4,051.43	3,984.26	11.55	11.26	-42.01	-381.92	1,480.19	950.32	928.73	21.59	44.021	
4,300.00	4,233.52	4,151.40	4,082.27	11.83	11.55	-42.07	-392.72	1,496.69	952.30	930.17	22.13	43.036	
4,400.00	4,331.74	4,251.38	4,180.28	12.12	11.84	-42.12	-403.51	1,513.18	954.29	931.61	22.68	42.083	
4,500.00	4,429.96	4,351.36	4,278.30	12.41	12.13	-42.18	-414.30	1,529.67	956.27	933.04	23.23	41.160	
4,600.00	4,528.18	4,451.33	4,376.31	12.71	12.43	-42.23	-425.09	1,546.16	958.26	934.46	23.80	40.268	
4,700.00	4,626.41	4,551.31	4,474.33	13.01	12.73	-42.29	-435.88	1,562.66	960.25	935.88	24.37	39.405	
4,800.00	4,724.63	4,651.28	4,572.34	13.31	13.03	-42.34	-446.67	1,579.15	962.24	937.29	24.95	38.572	
4,900.00	4,822.85	4,751.26	4,670.35	13.61	13.34	-42.39	-457.47	1,595.64	964.22	938.69	25.53	37.768	
5,000.00	4,921.07	4,851.24	4,768.37	13.92	13.65	-42.45	-468.26	1,612.13	966.22	940.10	26.12	36.992	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,019.30	4,951.21	4,866.38	14.23	13.96	-42.50	-479.05	1,628.63	968.21	941.49	26.71	36.243		
5,200.00	5,117.52	5,051.19	4,964.40	14.54	14.28	-42.56	-489.84	1,645.12	970.20	942.88	27.31	35.520		
5,300.00	5,215.74	5,151.17	5,062.41	14.86	14.60	-42.61	-500.63	1,661.61	972.19	944.27	27.92	34.823		
5,400.00	5,313.96	5,251.14	5,160.42	15.17	14.92	-42.66	-511.43	1,678.11	974.18	945.66	28.53	34.149		
5,500.00	5,412.18	5,351.12	5,258.44	15.49	15.24	-42.71	-522.22	1,694.60	976.18	947.04	29.14	33.500		
5,600.00	5,510.41	5,451.09	5,356.45	15.81	15.56	-42.77	-533.01	1,711.09	978.17	948.42	29.76	32.873		
5,700.00	5,608.63	5,551.07	5,454.47	16.13	15.89	-42.82	-543.80	1,727.58	980.17	949.79	30.38	32.267		
5,800.00	5,706.85	5,651.05	5,552.48	16.46	16.22	-42.87	-554.59	1,744.08	982.17	951.17	31.00	31.682		
5,900.00	5,805.07	5,751.02	5,650.50	16.78	16.55	-42.92	-565.38	1,760.57	984.16	952.54	31.63	31.118		
6,000.00	5,903.29	5,851.00	5,748.51	17.11	16.88	-42.97	-576.18	1,777.06	986.16	953.91	32.26	30.572		
6,100.00	6,001.52	5,950.97	5,846.52	17.44	17.21	-43.02	-586.97	1,793.55	988.16	955.27	32.89	30.045		
6,200.00	6,099.74	6,050.95	5,944.54	17.76	17.55	-43.08	-597.76	1,810.05	990.16	956.64	33.53	29.535		
6,300.00	6,197.96	6,150.93	6,042.55	18.09	17.88	-43.13	-608.55	1,826.54	992.16	958.00	34.16	29.042		
6,400.00	6,296.18	6,250.90	6,140.57	18.43	18.22	-43.18	-619.34	1,843.03	994.16	959.36	34.80	28.565		
6,500.00	6,394.41	6,235.86	7,296.74	18.76	22.46	162.91	-755.39	850.65	903.77	873.39	30.38	29.748		
6,600.00	6,492.63	8,218.22	7,297.30	19.09	22.30	165.38	-755.32	868.29	805.65	775.08	30.57	26.355		
6,700.00	6,590.85	8,200.58	7,297.86	19.43	22.15	168.40	-755.25	885.92	707.61	676.84	30.77	22.997		
6,800.00	6,689.07	8,182.94	7,298.42	19.76	22.01	172.15	-755.18	903.55	609.69	578.70	30.99	19.672		
6,900.00	6,787.26	8,165.08	7,298.99	20.10	21.88	177.77	-755.12	921.40	512.02	480.77	31.24	16.388		
7,000.00	6,883.33	8,137.26	7,299.87	20.48	21.66	-175.81	-755.01	949.21	417.10	385.61	31.48	13.249		
7,100.00	6,974.38	8,105.22	7,301.22	20.94	21.42	-171.66	-754.85	991.67	328.21	296.42	31.79	10.326		
7,200.00	7,058.15	8,038.67	7,303.00	21.48	21.00	-167.13	-754.63	1,047.75	247.94	215.81	32.13	7.716		
7,300.00	7,132.58	7,970.33	7,305.17	22.09	20.63	-160.72	-754.37	1,116.05	179.01	146.06	32.95	5.432		
7,400.00	7,195.84	7,908.57	7,307.67	22.78	20.37	-150.59	-754.07	1,194.92	124.61	89.70	34.90	3.570		
7,500.00	7,246.38	7,802.52	7,310.30	23.55	20.09	-134.28	-753.71	1,283.78	88.35	49.94	38.40	2.300		
7,600.00	7,282.95	7,707.01	7,303.91	24.40	19.99	-106.96	-752.29	1,378.97	69.70	26.73	42.97	1.622		
7,629.78	7,291.00	7,679.76	7,299.49	24.66	19.98	-97.35	-751.60	1,405.86	68.54	25.14	43.40	1.579 CC, ES, SF		
7,700.00	7,304.64	7,617.35	7,285.09	25.31	19.97	-75.81	-749.55	1,466.52	74.56	33.10	41.46	1.798		
7,800.00	7,310.97	7,532.33	7,256.13	26.27	19.98	-54.04	-745.74	1,546.30	97.65	61.05	36.61	2.668		
7,900.00	7,310.51	7,454.49	7,220.56	27.29	20.02	-41.54	-741.27	1,615.34	134.02	100.65	33.37	4.016		
8,000.00	7,310.05	7,386.47	7,182.82	28.38	20.05	-33.43	-736.65	1,671.70	183.92	151.83	32.09	5.731		
8,100.00	7,309.59	7,327.79	7,145.62	29.52	20.09	-28.27	-732.18	1,716.83	243.99	211.97	32.02	7.620		
8,200.00	7,309.13	7,277.46	7,110.53	30.72	20.11	-24.88	-728.01	1,752.65	311.67	279.22	32.46	9.603		
8,300.00	7,308.67	7,234.32	7,078.29	31.97	20.13	-22.56	-724.21	1,781.05	385.12	352.07	33.05	11.651		
8,400.00	7,308.21	7,200.00	7,051.33	33.25	20.15	-21.01	-721.05	1,802.04	463.04	429.32	33.72	13.731		
8,500.00	7,307.75	7,165.28	7,022.94	34.57	20.16	-19.67	-717.75	1,821.75	544.41	510.18	34.24	15.900		
8,600.00	7,307.29	7,137.54	6,999.52	35.92	20.16	-18.73	-715.03	1,836.36	628.57	593.81	34.76	18.085		
8,700.00	7,306.83	7,113.33	6,978.58	37.30	20.17	-18.00	-712.61	1,848.26	714.95	679.73	35.22	20.302		
8,800.00	7,306.37	7,100.00	6,966.86	38.70	20.17	-17.62	-711.26	1,854.47	803.22	767.50	35.72	22.489		
8,900.00	7,305.91	7,073.32	6,943.03	40.12	20.16	-16.93	-708.52	1,866.14	892.80	856.82	35.98	24.812		
9,000.00	7,305.45	7,050.00	6,921.82	41.56	20.16	-16.38	-706.09	1,875.52	983.76	947.51	36.24	27.144		
9,100.00	7,304.99	7,050.00	6,921.82	43.02	20.16	-16.38	-706.09	1,875.52	1,075.71	1,039.05	36.67	29.337		
9,200.00	7,304.53	7,028.43	6,901.90	44.50	20.16	-15.91	-703.81	1,883.49	1,168.43	1,131.57	36.86	31.703		
9,300.00	7,304.07	7,016.40	6,890.68	45.99	20.15	-15.67	-702.53	1,887.64	1,261.97	1,224.87	37.09	34.020		
9,400.00	7,303.61	7,000.00	6,875.27	47.49	20.15	-15.35	-700.78	1,892.95	1,356.17	1,318.90	37.28	36.381		
9,500.00	7,303.15	7,000.00	6,875.27	49.00	20.15	-15.35	-700.78	1,892.95	1,450.88	1,413.33	37.55	38.643		
9,600.00	7,302.69	7,000.00	6,875.27	50.52	20.15	-15.35	-700.78	1,892.95	1,546.25	1,508.46	37.79	40.919		
9,700.00	7,302.23	6,978.26	6,854.63	52.06	20.13	-14.96	-698.43	1,899.37	1,641.66	1,603.78	37.88	43.337		
9,800.00	7,301.77	6,970.64	6,847.35	53.60	20.13	-14.83	-697.61	1,901.45	1,737.64	1,699.59	38.05	45.669		
9,900.00	7,301.31	6,950.00	6,827.50	55.14	20.12	-14.49	-695.36	1,906.65	1,834.13	1,795.99	38.14	48.092		
10,000.00	7,300.85	6,950.00	6,827.50	56.70	20.12	-14.49	-695.36	1,906.65	1,930.57	1,892.24	38.33	50.373		
10,100.00	7,300.39	6,950.00	6,827.50	58.26	20.12	-14.49	-695.36	1,906.65	2,027.35	1,988.85	38.50	52.657		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,299.93	6,950.00	6,827.50	59.83	20.12	-14.49	-695.36	1,906.65	2,124.43	2,085.76	38.67	54.941	
10,300.00	7,299.47	6,950.00	6,827.50	61.40	20.12	-14.49	-695.36	1,906.65	2,221.77	2,182.94	38.83	57.223	
10,400.00	7,299.01	6,950.00	6,827.50	62.98	20.12	-14.49	-695.36	1,906.65	2,319.34	2,280.36	38.98	59.503	
10,500.00	7,298.55	6,930.85	6,808.94	64.57	20.10	-14.20	-693.26	1,910.89	2,416.74	2,377.69	39.04	61.899	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	90.14	-2.17	919.86	919.87					
100.00	100.00	100.00	100.00	3.28	3.28	90.14	-2.17	919.86	919.87	912.34	7.53	122.179		
200.00	200.00	200.00	200.00	3.31	3.31	90.14	-2.17	919.86	919.87	912.29	7.57	121.452		
300.00	299.98	277.47	277.46	3.35	3.34	-38.94	-2.61	920.81	919.73	912.09	7.64	120.335		
400.00	399.84	354.94	354.87	3.41	3.38	-39.02	-3.95	923.66	919.34	911.60	7.74	118.798		
500.00	499.45	432.43	432.17	3.49	3.44	-39.16	-6.18	928.39	918.68	910.81	7.87	116.773		
600.00	598.70	509.93	509.32	3.61	3.51	-39.35	-9.30	935.02	917.77	909.73	8.03	114.244		
700.00	697.47	587.45	586.27	3.77	3.60	-39.59	-13.31	943.54	916.62	908.37	8.24	111.212		
797.25	793.11	662.89	660.88	3.96	3.71	-39.83	-18.06	953.63	916.02	907.54	8.49	107.912		
800.00	795.74	665.02	662.98	3.96	3.71	-39.86	-18.20	953.94	915.70	907.21	8.50	107.779		
900.00	893.96	743.42	740.17	4.19	3.85	-40.07	-24.05	966.36	917.01	908.22	8.79	104.302		
1,000.00	992.19	843.32	838.30	4.45	4.06	-40.31	-32.01	983.30	919.48	910.29	9.19	100.050		
1,100.00	1,090.41	943.22	936.43	4.73	4.30	-40.54	-39.98	1,000.24	921.95	912.32	9.63	95.744		
1,200.00	1,188.63	1,043.12	1,034.56	5.03	4.57	-40.78	-47.95	1,017.17	924.44	914.34	10.10	91.489		
1,300.00	1,286.85	1,143.01	1,132.68	5.34	4.85	-41.01	-55.92	1,034.11	926.95	916.34	10.61	87.360		
1,400.00	1,385.07	1,242.91	1,230.81	5.67	5.16	-41.24	-63.89	1,051.05	929.48	918.33	11.14	83.406		
1,500.00	1,483.30	1,342.81	1,328.94	6.00	5.47	-41.47	-71.86	1,067.99	932.01	920.32	11.70	79.672		
1,600.00	1,581.52	1,442.71	1,427.07	6.35	5.80	-41.70	-79.83	1,084.92	934.57	922.29	12.27	76.139		
1,700.00	1,679.74	1,542.60	1,525.20	6.70	6.14	-41.93	-87.80	1,101.86	937.13	924.27	12.87	72.828		
1,800.00	1,777.96	1,642.50	1,623.32	7.06	6.49	-42.15	-95.77	1,118.80	939.72	926.24	13.48	69.734		
1,900.00	1,876.19	1,742.40	1,721.45	7.26	6.84	-42.38	-103.74	1,135.74	942.31	928.58	13.73	68.609		
2,000.00	1,974.41	1,842.30	1,819.58	7.31	7.13	-42.60	-111.71	1,152.67	944.93	931.09	13.84	68.289		
2,100.00	2,072.63	1,942.20	1,917.71	7.37	7.26	-42.83	-119.68	1,169.61	947.55	933.56	13.99	67.716		
2,200.00	2,170.85	2,042.09	2,015.84	7.45	7.31	-43.05	-127.65	1,186.55	950.19	936.10	14.10	67.403		
2,300.00	2,269.07	2,141.99	2,113.97	7.54	7.38	-43.27	-135.62	1,203.49	952.85	938.61	14.24	66.937		
2,400.00	2,367.30	2,241.89	2,212.09	7.65	7.47	-43.49	-143.59	1,220.43	955.52	941.11	14.41	66.330		
2,500.00	2,465.52	2,341.79	2,310.22	7.78	7.57	-43.71	-151.56	1,237.36	958.20	943.59	14.61	65.596		
2,600.00	2,563.74	2,441.68	2,408.35	7.92	7.68	-43.92	-159.53	1,254.30	960.89	946.05	14.84	64.750		
2,700.00	2,661.96	2,541.58	2,506.48	8.07	7.81	-44.14	-167.50	1,271.24	963.60	948.50	15.10	63.809		
2,800.00	2,760.18	2,641.48	2,604.61	8.24	7.96	-44.35	-175.47	1,288.18	966.33	950.94	15.39	62.788		
2,900.00	2,858.41	2,741.38	2,702.73	8.42	8.12	-44.57	-183.44	1,305.11	969.06	953.36	15.71	61.703		
3,000.00	2,956.63	2,841.27	2,800.86	8.61	8.29	-44.78	-191.41	1,322.05	971.82	955.77	16.04	60.569		
3,100.00	3,054.85	2,941.17	2,898.99	8.81	8.47	-44.99	-199.37	1,338.99	974.58	958.17	16.41	59.399		
3,200.00	3,153.07	3,041.07	2,997.12	9.02	8.66	-45.20	-207.34	1,355.93	977.36	960.56	16.79	58.206		
3,300.00	3,251.30	3,140.97	3,095.25	9.24	8.86	-45.41	-215.31	1,372.87	980.14	962.95	17.20	57.000		
3,400.00	3,349.52	3,240.87	3,193.38	9.47	9.08	-45.61	-223.28	1,389.80	982.95	965.33	17.62	55.791		
3,500.00	3,447.74	3,340.76	3,291.50	9.71	9.30	-45.82	-231.25	1,406.74	985.76	967.70	18.06	54.587		
3,600.00	3,545.96	3,440.66	3,389.63	9.95	9.53	-46.02	-239.22	1,423.68	988.59	970.08	18.52	53.394		
3,700.00	3,644.18	3,540.56	3,487.76	10.21	9.77	-46.23	-247.19	1,440.62	991.43	972.44	18.99	52.217		
3,800.00	3,742.41	3,640.46	3,585.89	10.46	10.01	-46.43	-255.16	1,457.55	994.28	974.81	19.47	51.061		
3,900.00	3,840.63	3,740.35	3,684.02	10.73	10.26	-46.63	-263.13	1,474.49	997.15	977.18	19.97	49.930		
4,000.00	3,938.85	3,840.25	3,782.15	11.00	10.52	-46.83	-271.10	1,491.43	1,000.03	979.55	20.48	48.826		
4,100.00	4,037.07	3,940.15	3,880.27	11.27	10.78	-47.03	-279.07	1,508.37	1,002.92	981.91	21.00	47.750		
4,200.00	4,135.30	4,040.05	3,978.40	11.55	11.05	-47.23	-287.04	1,525.30	1,005.82	984.28	21.54	46.705		
4,300.00	4,233.52	4,139.94	4,076.53	11.83	11.33	-47.43	-295.01	1,542.24	1,008.73	986.65	22.08	45.690		
4,400.00	4,331.74	4,239.84	4,174.66	12.12	11.60	-47.62	-302.98	1,559.18	1,011.66	989.03	22.63	44.707		
4,500.00	4,429.96	4,339.74	4,272.79	12.41	11.89	-47.82	-310.95	1,576.12	1,014.60	991.41	23.19	43.755		
4,600.00	4,528.18	4,439.64	4,370.91	12.71	12.17	-48.01	-318.92	1,593.06	1,017.54	993.79	23.76	42.835		
4,700.00	4,626.41	4,539.54	4,469.04	13.01	12.46	-48.20	-326.89	1,609.99	1,020.50	996.17	24.33	41.945		
4,800.00	4,724.63	4,639.43	4,567.17	13.31	12.76	-48.39	-334.86	1,626.93	1,023.48	998.57	24.91	41.086		
4,900.00	4,822.85	4,739.33	4,665.30	13.61	13.05	-48.58	-342.83	1,643.87	1,026.46	1,000.96	25.50	40.256		
5,000.00	4,921.07	4,839.23	4,763.43	13.92	13.35	-48.77	-350.80	1,660.81	1,029.45	1,003.36	26.09	39.455		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.30	4,939.13	4,861.56	14.23	13.65	-48.96	-358.77	1,677.74	1,032.46	1,005.77	26.69	38.682		
5,200.00	5,117.52	5,039.02	4,959.68	14.54	13.96	-49.14	-366.73	1,694.68	1,035.48	1,008.18	27.30	37.936		
5,300.00	5,215.74	5,138.92	5,057.81	14.86	14.27	-49.33	-374.70	1,711.62	1,038.50	1,010.60	27.90	37.217		
5,400.00	5,313.96	5,238.82	5,155.94	15.17	14.58	-49.52	-382.67	1,728.56	1,041.54	1,013.02	28.52	36.522		
5,500.00	5,412.18	5,338.72	5,254.07	15.49	14.89	-49.70	-390.64	1,745.50	1,044.59	1,015.45	29.14	35.852		
5,600.00	5,510.41	5,438.61	5,352.20	15.81	15.20	-49.88	-398.61	1,762.43	1,047.65	1,017.89	29.76	35.205		
5,700.00	5,608.63	5,538.51	5,450.33	16.13	15.52	-50.06	-406.58	1,779.37	1,050.72	1,020.34	30.38	34.581		
5,800.00	5,706.85	5,638.41	5,548.45	16.46	15.84	-50.24	-414.55	1,796.31	1,053.80	1,022.79	31.01	33.978		
5,900.00	5,805.07	5,738.31	5,646.58	16.78	16.16	-50.42	-422.52	1,813.25	1,056.89	1,025.24	31.65	33.396		
6,000.00	5,903.29	5,838.21	5,744.71	17.11	16.48	-50.60	-430.49	1,830.18	1,059.99	1,027.71	32.28	32.833		
6,100.00	6,001.52	5,938.10	5,842.84	17.44	16.80	-50.78	-438.46	1,847.12	1,063.10	1,030.18	32.92	32.290		
6,200.00	6,099.74	8,107.79	7,104.20	17.76	22.64	-163.94	-548.79	808.46	1,013.06	982.97	30.09	33.666		
6,300.00	6,197.96	8,075.10	7,104.65	18.09	22.33	-161.20	-548.72	825.56	917.89	887.57	30.31	30.282		
6,400.00	6,296.18	8,058.00	7,105.10	18.43	22.18	-158.28	-548.65	842.66	823.50	792.82	30.68	26.845		
6,500.00	6,394.41	8,040.89	7,105.55	18.76	22.02	-155.19	-548.58	859.76	730.21	699.08	31.12	23.462		
6,600.00	6,492.63	8,023.79	7,106.00	19.09	21.86	-151.94	-548.51	876.86	638.49	606.79	31.69	20.145		
6,700.00	6,590.85	8,006.68	7,106.45	19.43	21.71	-148.53	-548.44	893.96	549.13	516.67	32.46	16.916		
6,800.00	6,689.07	7,989.57	7,106.90	19.76	21.56	-144.98	-548.37	911.06	463.51	429.96	33.55	13.816		
6,900.00	6,787.26	7,972.25	7,107.36	20.10	21.42	-138.43	-548.30	928.38	384.15	349.02	35.12	10.937		
7,000.00	6,883.33	7,944.96	7,108.07	20.48	21.20	-126.01	-548.18	955.66	317.26	280.01	37.25	8.517		
7,100.00	6,974.38	7,902.96	7,109.18	20.94	20.86	-116.41	-548.01	997.64	270.83	231.26	39.57	6.844		
7,200.00	7,058.15	7,847.31	7,110.64	21.48	20.47	-104.79	-547.78	1,053.28	250.59	209.53	41.06	6.104		
7,228.54	7,080.43	7,829.10	7,111.12	21.65	20.35	-101.04	-547.71	1,071.48	249.62	208.43	41.19	6.060 CC, ES, SF		
7,300.00	7,132.58	7,779.36	7,112.43	22.09	20.04	-91.24	-547.50	1,121.20	254.84	213.88	40.96	6.221		
7,400.00	7,195.84	7,700.80	7,114.49	22.78	19.62	-78.02	-547.18	1,199.74	274.08	234.09	39.99	6.853		
7,500.00	7,246.38	7,613.55	7,116.78	23.55	19.29	-67.45	-546.82	1,286.96	297.58	258.49	39.08	7.614		
7,600.00	7,282.95	7,539.30	7,115.33	24.40	19.09	-60.65	-546.24	1,361.15	320.36	282.28	38.07	8.414		
7,700.00	7,304.64	7,468.56	7,106.00	25.31	18.97	-55.39	-545.03	1,431.22	342.84	305.72	37.12	9.236		
7,800.00	7,310.97	7,400.00	7,089.61	26.27	18.89	-51.47	-543.26	1,497.74	363.69	327.36	36.33	10.011		
7,900.00	7,310.51	7,333.35	7,066.94	27.29	18.86	-48.96	-541.00	1,560.34	388.29	352.68	35.61	10.903		
8,000.00	7,310.05	7,272.61	7,040.70	28.38	18.85	-46.31	-538.50	1,615.04	421.38	386.51	34.87	12.083		
8,100.00	7,309.59	7,217.48	7,012.49	29.52	18.86	-43.73	-535.88	1,662.31	462.75	428.51	34.24	13.516		
8,200.00	7,309.13	7,167.95	6,983.74	30.72	18.87	-41.36	-533.26	1,702.55	511.80	478.03	33.77	15.155		
8,300.00	7,308.67	7,123.70	6,955.50	31.97	18.89	-39.26	-530.73	1,736.50	567.73	534.23	33.49	16.950		
8,400.00	7,308.21	7,084.31	6,928.43	33.25	18.91	-37.44	-528.32	1,765.00	629.62	596.24	33.38	18.861		
8,500.00	7,307.75	7,050.00	6,903.45	34.57	18.93	-35.90	-526.12	1,788.42	696.62	663.22	33.40	20.854		
8,600.00	7,307.29	7,018.07	6,879.11	35.92	18.94	-34.53	-523.98	1,808.97	767.94	734.43	33.51	22.918		
8,700.00	7,306.83	7,000.00	6,864.89	37.30	18.95	-33.77	-522.74	1,820.05	843.02	809.29	33.73	24.993		
8,800.00	7,306.37	6,965.38	6,836.80	38.70	18.96	-32.38	-520.31	1,840.13	920.92	887.04	33.88	27.185		
8,900.00	7,305.91	6,950.00	6,823.98	40.12	18.97	-31.78	-519.20	1,848.55	1,001.58	967.45	34.13	29.344		
9,000.00	7,305.45	6,923.00	6,800.99	41.56	18.97	-30.77	-517.22	1,862.57	1,084.32	1,050.00	34.32	31.593		
9,100.00	7,304.99	6,900.00	6,780.96	43.02	18.98	-29.95	-515.50	1,873.73	1,169.02	1,134.49	34.53	33.859		
9,200.00	7,304.53	6,900.00	6,780.96	44.50	18.98	-29.95	-515.50	1,873.73	1,255.40	1,220.58	34.82	36.051		
9,300.00	7,304.07	6,873.53	6,757.43	45.99	18.98	-29.04	-513.49	1,885.67	1,342.88	1,307.89	34.99	38.382		
9,400.00	7,303.61	6,850.00	6,736.10	47.49	18.98	-28.27	-511.67	1,895.45	1,431.81	1,396.65	35.16	40.725		
9,500.00	7,303.15	6,850.00	6,736.10	49.00	18.98	-28.27	-511.67	1,895.45	1,521.55	1,486.15	35.41	42.974		
9,600.00	7,302.69	6,850.00	6,736.10	50.52	18.98	-28.27	-511.67	1,895.45	1,612.51	1,576.87	35.64	45.246		
9,700.00	7,302.23	6,825.53	6,713.56	52.06	18.98	-27.50	-509.76	1,904.78	1,703.83	1,668.06	35.77	47.629		
9,800.00	7,301.77	6,800.00	6,689.68	53.60	18.97	-26.73	-507.74	1,913.58	1,796.33	1,760.43	35.90	50.033		
9,900.00	7,301.31	6,800.00	6,689.68	55.14	18.97	-26.73	-507.74	1,913.58	1,888.96	1,852.86	36.10	52.321		
10,000.00	7,300.85	6,800.00	6,689.68	56.70	18.97	-26.73	-507.74	1,913.58	1,982.31	1,946.02	36.29	54.620		
10,100.00	7,300.39	6,800.00	6,689.68	58.26	18.97	-26.73	-507.74	1,913.58	2,076.28	2,039.81	36.47	56.926		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,299.93	6,800.00	6,689.68	59.83	18.97	-26.73	-507.74	1,913.58	2,170.79	2,134.14	36.65	59.237	
10,300.00	7,299.47	6,776.79	6,667.68	61.40	18.97	-26.07	-505.88	1,920.73	2,265.23	2,228.48	36.75	61.635	
10,400.00	7,299.01	6,770.48	6,661.66	62.98	18.96	-25.90	-505.37	1,922.54	2,360.30	2,323.40	36.90	63.966	
10,500.00	7,298.55	6,750.00	6,641.98	64.57	18.95	-25.35	-503.72	1,927.99	2,455.90	2,418.88	37.01	66.356	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.12	-1.81	879.77	879.78				
100.00	100.00	100.00	100.00	3.28	3.28	90.12	-1.81	879.77	879.78	872.25	7.53	116.854	
200.00	200.00	200.00	200.00	3.31	3.31	90.12	-1.81	879.77	879.78	872.20	7.57	116.159	
300.00	299.98	290.39	290.39	3.35	3.34	-39.00	-1.99	879.99	878.69	871.04	7.65	114.836	
400.00	399.84	371.19	371.16	3.41	3.39	-39.10	-3.43	881.76	876.81	869.06	7.75	113.112	
500.00	499.45	452.05	451.88	3.49	3.45	-39.23	-6.32	885.29	874.40	866.51	7.89	110.864	
600.00	598.70	532.96	532.50	3.61	3.52	-39.39	-10.65	890.58	871.47	863.41	8.06	108.092	
700.00	697.47	613.95	612.97	3.77	3.61	-39.59	-16.43	897.64	868.03	859.75	8.28	104.815	
800.00	795.74	695.04	693.25	3.96	3.73	-39.76	-23.66	906.47	864.55	856.00	8.55	101.134	
900.00	893.96	776.26	773.31	4.19	3.88	-39.82	-32.33	917.08	863.02	854.16	8.86	97.403	
920.54	914.13	792.95	789.71	4.24	3.91	-39.82	-34.30	919.47	862.97	854.05	8.93	96.647	
1,000.00	992.19	857.52	852.97	4.45	4.05	-39.78	-42.45	929.44	863.66	854.45	9.21	93.740	
1,100.00	1,090.41	952.28	945.47	4.73	4.29	-39.66	-55.49	945.37	865.91	856.25	9.65	89.721	
1,200.00	1,188.63	1,052.23	1,043.02	5.03	4.57	-39.52	-69.30	962.24	868.24	858.09	10.15	85.578	
1,300.00	1,286.85	1,152.18	1,140.56	5.34	4.88	-39.39	-83.11	979.11	870.58	859.90	10.67	81.559	
1,400.00	1,385.07	1,252.13	1,238.11	5.67	5.22	-39.25	-96.92	995.99	872.92	861.69	11.23	77.722	
1,500.00	1,483.30	1,352.09	1,335.65	6.00	5.56	-39.12	-110.73	1,012.86	875.27	863.46	11.81	74.099	
1,600.00	1,581.52	1,452.04	1,433.19	6.35	5.93	-38.99	-124.54	1,029.73	877.62	865.21	12.41	70.711	
1,700.00	1,679.74	1,551.99	1,530.74	6.70	6.30	-38.86	-138.35	1,046.61	879.98	866.95	13.03	67.539	
1,800.00	1,777.96	1,651.94	1,628.28	7.06	6.69	-38.73	-152.16	1,063.48	882.34	868.68	13.66	64.589	
1,900.00	1,876.19	1,751.89	1,725.83	7.26	7.08	-38.59	-165.97	1,080.35	884.71	870.77	13.94	63.446	
2,000.00	1,974.41	1,851.84	1,823.37	7.31	7.39	-38.46	-179.77	1,097.23	887.08	873.03	14.05	63.136	
2,100.00	2,072.63	1,951.80	1,920.92	7.37	7.52	-38.34	-193.58	1,114.10	889.46	875.26	14.19	62.663	
2,200.00	2,170.85	2,051.75	2,018.46	7.45	7.58	-38.21	-207.39	1,130.97	891.84	877.54	14.29	62.392	
2,300.00	2,269.07	2,151.70	2,116.01	7.54	7.67	-38.08	-221.20	1,147.84	894.22	879.79	14.43	61.976	
2,400.00	2,367.30	2,251.65	2,213.55	7.65	7.76	-37.95	-235.01	1,164.72	896.61	882.02	14.60	61.425	
2,500.00	2,465.52	2,351.60	2,311.10	7.78	7.88	-37.83	-248.82	1,181.59	899.01	884.21	14.80	60.756	
2,600.00	2,563.74	2,451.55	2,408.64	7.92	8.02	-37.70	-262.63	1,198.46	901.40	886.37	15.03	59.979	
2,700.00	2,661.96	2,551.51	2,506.18	8.07	8.17	-37.57	-276.44	1,215.34	903.81	888.52	15.29	59.113	
2,800.00	2,760.18	2,651.46	2,603.73	8.24	8.33	-37.45	-290.25	1,232.21	906.21	890.63	15.58	58.171	
2,900.00	2,858.41	2,751.41	2,701.27	8.42	8.51	-37.33	-304.06	1,249.08	908.62	892.73	15.89	57.170	
3,000.00	2,956.63	2,851.36	2,798.82	8.61	8.70	-37.20	-317.87	1,265.96	911.04	894.81	16.23	56.122	
3,100.00	3,054.85	2,951.31	2,896.36	8.81	8.91	-37.08	-331.68	1,282.83	913.46	896.86	16.60	55.041	
3,200.00	3,153.07	3,051.26	2,993.91	9.02	9.13	-36.96	-345.49	1,299.70	915.88	898.90	16.98	53.938	
3,300.00	3,251.30	3,151.22	3,091.45	9.24	9.35	-36.84	-359.30	1,316.58	918.31	900.92	17.38	52.824	
3,400.00	3,349.52	3,251.17	3,189.00	9.47	9.59	-36.72	-373.11	1,333.45	920.74	902.93	17.81	51.706	
3,500.00	3,447.74	3,351.12	3,286.54	9.71	9.84	-36.60	-386.92	1,350.32	923.18	904.93	18.25	50.594	
3,600.00	3,545.96	3,451.07	3,384.09	9.95	10.10	-36.48	-400.73	1,367.20	925.62	906.91	18.70	49.492	
3,700.00	3,644.18	3,551.02	3,481.63	10.21	10.36	-36.36	-414.54	1,384.07	928.06	908.89	19.17	48.405	
3,800.00	3,742.41	3,650.97	3,579.17	10.46	10.63	-36.24	-428.35	1,400.94	930.51	910.85	19.66	47.339	
3,900.00	3,840.63	3,750.93	3,676.72	10.73	10.91	-36.12	-442.16	1,417.81	932.96	912.81	20.15	46.295	
4,000.00	3,938.85	3,850.88	3,774.26	11.00	11.20	-36.01	-455.96	1,434.69	935.42	914.76	20.66	45.276	
4,100.00	4,037.07	3,950.83	3,871.81	11.27	11.49	-35.89	-469.77	1,451.56	937.87	916.70	21.18	44.284	
4,200.00	4,135.30	4,050.78	3,969.35	11.55	11.78	-35.78	-483.58	1,468.43	940.34	918.63	21.71	43.320	
4,300.00	4,233.52	4,150.73	4,066.90	11.83	12.08	-35.66	-497.39	1,485.31	942.81	920.56	22.24	42.385	
4,400.00	4,331.74	4,250.68	4,164.44	12.12	12.39	-35.55	-511.20	1,502.18	945.28	922.49	22.79	41.479	
4,500.00	4,429.96	4,350.64	4,261.99	12.41	12.70	-35.43	-525.01	1,519.05	947.75	924.41	23.34	40.602	
4,600.00	4,528.18	4,450.59	4,359.53	12.71	13.02	-35.32	-538.82	1,535.93	950.23	926.33	23.90	39.753	
4,700.00	4,626.41	4,550.54	4,457.08	13.01	13.33	-35.21	-552.63	1,552.80	952.71	928.24	24.47	38.934	
4,800.00	4,724.63	4,650.49	4,554.62	13.31	13.66	-35.09	-566.44	1,569.67	955.20	930.15	25.04	38.142	
4,900.00	4,822.85	4,750.44	4,652.16	13.61	13.98	-34.98	-580.25	1,586.55	957.69	932.06	25.62	37.377	
5,000.00	4,921.07	4,850.40	4,749.71	13.92	14.31	-34.87	-594.06	1,603.42	960.18	933.97	26.21	36.639	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.30	4,950.35	4,847.25	14.23	14.64	-34.76	-607.87	1,620.29	962.68	935.88	26.80	35.927		
5,200.00	5,117.52	5,050.30	4,944.80	14.54	14.97	-34.65	-621.68	1,637.17	965.18	937.79	27.39	35.240		
5,300.00	5,215.74	5,150.25	5,042.34	14.86	15.31	-34.54	-635.49	1,654.04	967.68	939.69	27.99	34.576		
5,400.00	5,313.96	5,250.20	5,139.89	15.17	15.65	-34.43	-649.30	1,670.91	970.19	941.60	28.59	33.936		
5,500.00	5,412.18	5,350.15	5,237.43	15.49	15.99	-34.33	-663.11	1,687.79	972.70	943.50	29.19	33.318		
5,600.00	5,510.41	5,450.11	5,334.98	15.81	16.33	-34.22	-676.92	1,704.66	975.21	945.41	29.80	32.722		
5,700.00	5,608.63	5,550.06	5,432.52	16.13	16.68	-34.11	-690.73	1,721.53	977.73	947.31	30.41	32.146		
5,800.00	5,706.85	5,650.01	5,530.07	16.46	17.02	-34.01	-704.54	1,738.40	980.25	949.22	31.03	31.590		
5,900.00	5,805.07	5,749.96	5,627.61	16.78	17.37	-33.90	-718.35	1,755.28	982.77	951.12	31.65	31.053		
6,000.00	5,903.29	5,849.91	5,725.15	17.11	17.72	-33.79	-732.15	1,772.15	985.30	953.03	32.27	30.535		
6,100.00	6,001.52	5,949.86	5,822.70	17.44	18.07	-33.69	-745.96	1,789.02	987.83	954.94	32.89	30.033		
6,200.00	6,099.74	6,049.82	5,920.24	17.76	18.42	-33.59	-759.77	1,805.90	990.36	956.85	33.52	29.549		
6,300.00	6,197.96	6,149.77	6,017.79	18.09	18.78	-33.48	-773.58	1,822.77	992.90	958.76	34.14	29.080		
6,400.00	6,296.18	6,246.34	6,117.84	18.43	19.09	-33.37	-787.39	1,839.64	995.42	960.67	34.76	28.621		
6,500.00	6,394.41	6,344.59	6,217.89	18.76	19.40	-33.26	-801.20	1,856.51	997.94	962.58	35.38	28.162		
6,600.00	6,492.63	6,442.81	6,297.94	19.09	19.71	-33.15	-815.01	1,873.38	1,000.46	964.49	36.00	27.703		
6,700.00	6,590.85	6,541.03	6,378.00	19.43	20.02	-33.04	-828.82	1,890.25	1,002.98	966.40	36.62	27.244		
6,800.00	6,689.07	6,639.25	6,458.05	19.76	20.33	-32.93	-842.63	1,907.12	1,005.50	968.31	37.24	26.785		
6,900.00	6,787.26	6,737.44	6,538.10	20.10	20.64	-32.82	-856.44	1,924.00	1,008.02	970.22	37.86	26.326		
7,000.00	6,885.33	6,835.51	6,618.15	20.48	20.95	-32.71	-870.25	1,940.87	1,010.54	972.13	38.48	25.867		
7,100.00	6,974.38	6,924.56	6,698.20	20.94	21.26	-32.60	-884.06	1,957.75	1,013.06	974.04	39.10	25.408		
7,200.00	7,058.15	7,008.33	6,778.25	21.48	21.57	-32.49	-897.87	1,974.62	1,015.58	975.95	39.72	24.949		
7,300.00	7,132.58	7,082.76	6,858.30	22.09	21.88	-32.38	-911.68	1,991.50	1,018.10	977.86	40.34	24.490		
7,400.00	7,195.84	7,146.02	6,938.35	22.78	22.19	-32.27	-925.49	2,008.37	1,020.62	979.77	40.96	24.031		
7,424.19	7,209.29	7,159.47	6,958.30	22.97	22.38	-32.26	-929.30	2,014.25	1,020.62	979.77	40.96	24.031	3.293 CC, ES, SF	
7,500.00	7,246.38	7,196.56	7,038.35	23.55	22.99	-32.15	-943.11	2,031.12	1,023.14	981.68	41.58	23.572		
7,600.00	7,282.95	7,233.13	7,118.40	24.40	23.80	-32.04	-956.92	2,048.00	1,025.66	983.59	42.20	23.113		
7,700.00	7,304.64	7,254.82	7,139.89	25.31	24.71	-31.93	-970.73	2,064.87	1,028.18	985.50	42.82	22.654		
7,800.00	7,310.97	7,261.15	7,144.79	26.27	25.67	-31.82	-984.54	2,081.75	1,030.70	987.41	43.44	22.195		
7,900.00	7,310.51	7,260.69	7,144.74	27.29	26.69	-31.71	-998.35	2,098.62	1,033.22	989.32	44.06	21.736		
8,000.00	7,310.05	7,260.23	7,144.74	28.38	27.70	-31.60	-1,012.16	2,115.50	1,035.74	991.23	44.68	21.277		
8,100.00	7,309.59	7,259.77	7,144.74	29.52	28.72	-31.49	-1,025.97	2,132.37	1,038.26	993.15	45.30	20.818		
8,200.00	7,309.13	7,259.31	7,144.74	30.72	29.74	-31.38	-1,039.78	2,149.25	1,040.78	995.06	45.92	20.359		
8,300.00	7,308.67	7,258.85	7,144.74	31.97	30.76	-31.27	-1,053.59	2,166.12	1,043.30	996.97	46.54	19.900		
8,400.00	7,308.21	7,258.39	7,144.74	33.25	31.78	-31.16	-1,067.40	2,183.00	1,045.82	998.88	47.16	19.441		
8,500.00	7,307.75	7,257.93	7,144.74	34.57	32.80	-31.05	-1,081.21	2,199.87	1,048.34	1,000.79	47.78	18.982		
8,600.00	7,307.29	7,257.47	7,144.74	35.92	33.82	-30.94	-1,095.02	2,216.75	1,050.86	1,002.70	48.40	18.523		
8,700.00	7,306.83	7,257.01	7,144.74	37.30	34.84	-30.83	-1,108.83	2,233.62	1,053.38	1,004.61	49.02	18.064		
8,800.00	7,306.37	7,256.55	7,144.74	38.70	35.86	-30.72	-1,122.64	2,250.50	1,055.90	1,006.52	49.64	17.605		
8,900.00	7,305.91	7,256.09	7,144.74	40.12	36.88	-30.61	-1,136.45	2,267.37	1,058.42	1,008.43	50.26	17.146		
9,000.00	7,305.45	7,255.63	7,144.74	41.56	37.90	-30.50	-1,150.26	2,284.25	1,060.94	1,010.34	50.88	16.687		
9,100.00	7,304.99	7,255.17	7,144.74	43.02	38.92	-30.39	-1,164.07	2,301.12	1,063.46	1,012.25	51.50	16.228		
9,200.00	7,304.53	7,254.71	7,144.74	44.50	39.94	-30.28	-1,177.88	2,318.00	1,065.98	1,014.16	52.12	15.769		
9,300.00	7,304.07	7,254.25	7,144.74	45.99	40.96	-30.17	-1,191.69	2,334.87	1,068.50	1,016.07	52.74	15.310		
9,400.00	7,303.61	7,253.79	7,144.74	47.49	41.98	-30.06	-1,205.50	2,351.75	1,071.02	1,017.98	53.36	14.851		
9,500.00	7,303.15	7,253.33	7,144.74	49.00	43.00	-29.95	-1,219.31	2,368.62	1,073.54	1,019.89	53.98	14.392		
9,600.00	7,302.69	7,252.87	7,144.74	50.52	44.02	-29.84	-1,233.12	2,385.50	1,076.06	1,021.80	54.60	13.933		
9,700.00	7,302.23	7,252.41	7,144.74	52.06	45.04	-29.73	-1,246.93	2,402.37	1,078.58	1,023.71	55.22	13.474		
9,800.00	7,301.77	7,251.95	7,144.74	53.60	46.06	-29.62	-1,260.74	2,419.25	1,081.10	1,025.62	55.84	13.015		
9,900.00	7,301.31	7,251.49	7,144.74	55.14	47.08	-29.51	-1,274.55	2,436.12	1,083.62	1,027.53	56.46	12.556		
10,000.00	7,300.85	7,251.03	7,144.74	56.70	48.10	-29.40	-1,288.36	2,453.00	1,086.14	1,029.44	57.08	12.097		
10,100.00	7,300.39	7,250.57	7,144.74	58.26	49.12	-29.29	-1,302.17	2,469.87	1,088.66	1,031.35	57.70	11.638		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,299.93	6,874.09	6,726.09	59.83	20.85	5.34	-874.54	1,886.25	2,166.76	2,126.04	40.71	53.223	
10,300.00	7,299.47	6,850.00	6,702.95	61.40	20.83	4.82	-871.15	1,892.03	2,263.49	2,222.76	40.73	55.575	
10,400.00	7,299.01	6,850.00	6,702.95	62.98	20.83	4.82	-871.15	1,892.03	2,359.96	2,319.10	40.86	57.752	
10,500.00	7,298.55	6,850.00	6,702.95	64.57	20.83	4.82	-871.15	1,892.03	2,456.71	2,415.72	40.99	59.928	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
0.00	0.00	0.00	0.00	3.28	3.28	91.04	-0.36	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	91.04	-0.36	20.05	20.05	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.31	3.31	91.04	-0.36	20.05	20.05	12.47	7.57	2.647	
300.00	299.98	299.51	299.49	3.35	3.35	-37.57	-1.61	21.25	19.90	12.25	7.65	2.601	
400.00	399.84	399.01	398.85	3.41	3.41	-36.23	-5.33	24.85	19.47	11.71	7.76	2.508	
500.00	499.45	498.51	497.97	3.49	3.49	-33.86	-11.54	30.84	18.78	10.87	7.92	2.372	
600.00	598.70	598.01	596.73	3.61	3.61	-30.25	-20.22	39.22	17.88	9.76	8.12	2.203	
700.00	697.47	697.49	695.00	3.77	3.76	-25.07	-31.36	49.98	16.83	8.48	8.35	2.015	
775.62	771.86	772.71	768.90	3.91	3.91	-19.16	-41.41	59.68	16.58	8.03	8.55	1.939	
800.00	795.74	796.96	792.65	3.96	3.96	-17.24	-44.94	63.10	16.35	7.74	8.61	1.898 CC, ES	
900.00	893.96	903.16	890.28	4.19	4.22	-7.34	-60.11	77.74	17.99	9.05	8.94	2.013	
1,000.00	992.19	996.78	987.96	4.45	4.47	0.74	-75.30	92.41	20.10	10.81	9.29	2.165	
1,100.00	1,090.41	1,103.28	1,085.65	4.73	4.79	7.18	-90.49	107.08	22.53	12.83	9.71	2.321	
1,200.00	1,188.63	1,203.34	1,183.33	5.03	5.12	12.31	-105.68	121.75	25.19	15.03	10.16	2.480	
1,300.00	1,286.85	1,303.40	1,281.02	5.34	5.46	16.44	-120.88	136.42	28.01	17.37	10.65	2.631	
1,400.00	1,385.07	1,403.45	1,378.70	5.67	5.81	19.80	-136.07	151.09	30.95	19.78	11.17	2.771	
1,500.00	1,483.30	1,503.51	1,476.39	6.00	6.18	22.57	-151.26	165.76	33.98	22.26	11.72	2.898	
1,600.00	1,581.52	1,603.57	1,574.07	6.35	6.55	24.88	-166.45	180.44	37.08	24.78	12.30	3.014	
1,700.00	1,679.74	1,696.37	1,671.75	6.70	6.91	26.83	-181.65	195.11	40.22	27.35	12.88	3.123	
1,800.00	1,777.96	1,803.69	1,769.44	7.06	7.32	28.50	-196.84	209.78	43.41	29.90	13.51	3.213	
1,900.00	1,876.19	1,903.74	1,867.12	7.26	7.53	29.94	-212.03	224.45	46.63	33.16	13.47	3.462	
2,000.00	1,974.41	2,003.80	1,964.81	7.31	7.58	31.19	-227.22	239.12	49.87	36.32	13.56	3.679	
2,100.00	2,072.63	2,103.86	2,062.49	7.37	7.65	32.29	-242.42	253.79	53.13	39.46	13.67	3.886	
2,200.00	2,170.85	2,203.92	2,160.18	7.45	7.74	33.26	-257.61	268.46	56.42	42.59	13.83	4.081	
2,300.00	2,269.07	2,303.98	2,257.86	7.54	7.85	34.13	-272.80	283.14	59.71	45.70	14.01	4.263	
2,400.00	2,367.30	2,404.04	2,355.55	7.65	7.97	34.90	-287.99	297.81	63.02	48.80	14.22	4.432	
2,500.00	2,465.52	2,504.09	2,453.23	7.78	8.11	35.60	-303.19	312.48	66.34	51.88	14.46	4.588	
2,600.00	2,563.74	2,604.15	2,550.92	7.92	8.26	36.23	-318.38	327.15	69.66	54.94	14.72	4.731	
2,700.00	2,661.96	2,704.21	2,648.60	8.07	8.43	36.80	-333.57	341.82	73.00	57.98	15.02	4.861	
2,800.00	2,760.18	2,804.27	2,746.29	8.24	8.61	37.32	-348.76	356.49	76.34	61.01	15.33	4.978	
2,900.00	2,858.41	2,904.33	2,843.97	8.42	8.81	37.80	-363.96	371.16	79.69	64.01	15.68	5.084	
3,000.00	2,956.63	3,004.38	2,941.66	8.61	9.02	38.24	-379.15	385.83	83.04	67.00	16.04	5.178	
3,100.00	3,054.85	3,104.44	3,039.34	8.81	9.23	38.65	-394.34	400.51	86.40	69.98	16.42	5.262	
3,200.00	3,153.07	3,204.50	3,137.03	9.02	9.46	39.02	-409.53	415.18	89.76	72.93	16.82	5.336	
3,300.00	3,251.30	3,304.56	3,234.71	9.24	9.70	39.37	-424.73	429.85	93.12	75.88	17.24	5.401	
3,400.00	3,349.52	3,395.38	3,332.40	9.47	9.92	39.70	-439.92	444.52	96.49	78.83	17.66	5.464	
3,500.00	3,447.74	3,504.67	3,430.08	9.71	10.20	40.00	-455.11	459.19	99.86	81.73	18.13	5.508	
3,600.00	3,545.96	3,604.73	3,527.77	9.95	10.46	40.28	-470.30	473.86	103.23	84.64	18.60	5.552	
3,700.00	3,644.18	3,704.79	3,625.45	10.21	10.73	40.54	-485.50	488.53	106.61	87.53	19.07	5.589	
3,800.00	3,742.41	3,804.85	3,723.13	10.46	11.01	40.79	-500.69	503.21	109.99	90.42	19.57	5.621	
3,900.00	3,840.63	3,895.09	3,820.82	10.73	11.26	41.03	-515.88	517.88	113.36	93.32	20.04	5.656	
4,000.00	3,938.85	4,004.97	3,918.50	11.00	11.58	41.25	-531.08	532.55	116.75	96.16	20.58	5.673	
4,100.00	4,037.07	4,094.98	4,016.19	11.27	11.84	41.45	-546.27	547.22	120.13	99.05	21.08	5.699	
4,200.00	4,135.30	4,205.08	4,113.87	11.55	12.17	41.65	-561.46	561.89	123.51	101.88	21.64	5.709	
4,300.00	4,233.52	4,305.14	4,211.56	11.83	12.48	41.84	-576.65	576.56	126.90	104.72	22.18	5.722	
4,400.00	4,331.74	4,405.20	4,309.24	12.12	12.78	42.01	-591.85	591.23	130.29	107.56	22.72	5.733	
4,500.00	4,429.96	4,505.26	4,406.93	12.41	13.09	42.18	-607.04	605.90	133.67	110.39	23.28	5.742	
4,600.00	4,528.18	4,605.31	4,504.61	12.71	13.41	42.34	-622.23	620.58	137.06	113.22	23.84	5.749	
4,700.00	4,626.41	4,694.63	4,602.30	13.01	13.69	42.49	-637.42	635.25	140.45	116.07	24.38	5.761	
4,800.00	4,724.63	4,794.57	4,699.98	13.31	14.01	42.63	-652.62	649.92	143.84	118.89	24.95	5.765	
4,900.00	4,822.85	4,905.49	4,797.67	13.61	14.37	42.77	-667.81	664.59	147.24	121.67	25.56	5.760	
5,000.00	4,921.07	5,005.55	4,895.35	13.92	14.70	42.90	-683.00	679.26	150.63	124.48	26.15	5.761	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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		
5,100.00	5,019.30	5,105.61	4,993.04	14.23	15.03	43.03	-698.19	693.93	154.02	127.29	26.74	5.761		
5,200.00	5,117.52	5,205.66	5,090.72	14.54	15.36	43.15	-713.39	708.60	157.42	130.09	27.33	5.760		
5,300.00	5,215.74	5,294.28	5,188.41	14.86	15.66	43.26	-728.58	723.28	160.81	132.92	27.89	5.765		
5,400.00	5,313.96	5,394.22	5,286.09	15.17	15.99	43.37	-743.77	737.95	164.21	135.71	28.50	5.762		
5,500.00	5,412.18	5,505.84	5,383.78	15.49	16.37	43.48	-758.96	752.62	167.60	138.47	29.14	5.752		
5,600.00	5,510.41	5,605.90	5,481.46	15.81	16.71	43.58	-774.16	767.29	171.00	141.25	29.75	5.749		
5,700.00	5,608.63	5,705.95	5,579.14	16.13	17.05	43.68	-789.35	781.96	174.40	144.04	30.36	5.745		
5,800.00	5,706.85	5,806.01	5,676.83	16.46	17.39	43.77	-804.54	796.63	177.79	146.82	30.97	5.740		
5,900.00	5,805.07	5,906.07	5,774.51	16.78	17.74	43.86	-819.73	811.30	181.19	149.60	31.59	5.735		
6,000.00	5,903.29	6,006.13	5,872.20	17.11	18.08	43.95	-834.93	825.97	184.59	152.38	32.21	5.730		
6,100.00	6,001.52	6,106.19	5,969.88	17.44	18.43	44.03	-850.12	840.65	187.99	155.15	32.84	5.725		
6,200.00	6,099.74	6,206.25	6,067.57	17.76	18.78	44.12	-865.31	855.32	191.39	157.93	33.46	5.720		
6,300.00	6,197.96	6,293.70	6,165.25	18.09	19.09	44.19	-880.50	869.99	194.79	160.74	34.05	5.721		
6,400.00	6,296.18	6,406.36	6,262.94	18.43	19.48	44.27	-895.70	884.66	198.19	163.47	34.72	5.708		
6,500.00	6,394.41	6,506.42	6,360.62	18.76	19.84	44.34	-910.89	899.33	201.59	166.24	35.35	5.702		
6,600.00	6,492.63	6,593.52	6,458.31	19.09	20.14	44.41	-926.08	914.00	204.99	169.05	35.95	5.703		
6,700.00	6,590.85	6,689.44	6,550.56	19.43	20.50	42.38	-940.43	935.63	209.33	172.97	36.37	5.756		
6,800.00	6,689.07	6,781.13	6,634.79	19.76	20.92	37.02	-953.51	969.18	216.92	180.46	36.46	5.949		
6,900.00	6,787.26	6,865.42	6,707.31	20.10	21.35	34.06	-964.78	1,010.53	231.17	194.85	36.31	6.366		
7,000.00	6,883.33	6,944.63	6,769.98	20.48	21.80	40.72	-974.50	1,057.90	250.91	214.72	36.19	6.934		
7,100.00	6,974.38	7,021.18	6,824.57	20.94	22.28	40.20	-982.97	1,110.81	272.56	236.41	36.15	7.540		
7,200.00	7,058.15	7,095.61	6,871.26	21.48	22.79	38.16	-990.20	1,168.26	294.23	258.07	36.16	8.137		
7,300.00	7,132.58	7,168.38	6,910.22	22.09	23.32	36.00	-996.23	1,229.39	314.55	278.31	36.23	8.681		
7,400.00	7,195.84	7,239.85	6,941.52	22.78	23.88	34.12	-1,001.07	1,293.42	332.54	296.12	36.42	9.131		
7,500.00	7,246.38	7,310.34	6,965.26	23.55	24.47	32.61	-1,004.73	1,359.65	347.51	310.75	36.77	9.452		
7,600.00	7,282.95	7,380.10	6,981.50	24.40	25.08	31.50	-1,007.22	1,427.41	359.00	321.66	37.34	9.615		
7,700.00	7,304.64	7,450.00	6,990.32	25.31	25.72	30.76	-1,008.55	1,496.70	366.66	328.49	38.18	9.605		
7,800.00	7,310.97	7,526.62	6,991.86	26.27	26.45	30.42	-1,008.75	1,573.28	370.05	330.71	39.34	9.407		
7,900.00	7,310.51	7,626.62	6,991.33	27.29	27.46	30.45	-1,008.61	1,673.28	370.26	329.47	40.79	9.077		
8,000.00	7,310.05	7,726.62	6,990.80	28.38	28.54	30.49	-1,008.48	1,773.27	370.48	328.16	42.32	8.754		
8,100.00	7,309.59	7,826.62	6,990.27	29.52	29.68	30.52	-1,008.34	1,873.27	370.69	326.77	43.92	8.440		
8,200.00	7,309.13	7,926.62	6,989.74	30.72	30.87	30.56	-1,008.20	1,973.27	370.91	325.33	45.58	8.137		
8,300.00	7,308.67	8,026.62	6,989.21	31.97	32.11	30.59	-1,008.07	2,073.27	371.12	323.83	47.30	7.846		
8,400.00	7,308.21	8,126.61	6,988.68	33.25	33.38	30.63	-1,007.93	2,173.27	371.34	322.27	49.06	7.568		
8,500.00	7,307.75	8,226.61	6,988.15	34.57	34.70	30.66	-1,007.79	2,273.26	371.56	320.68	50.88	7.303		
8,600.00	7,307.29	8,326.61	6,987.62	35.92	36.04	30.70	-1,007.66	2,373.26	371.77	319.05	52.73	7.051		
8,700.00	7,306.83	8,426.61	6,987.09	37.30	37.42	30.73	-1,007.52	2,473.26	371.99	317.37	54.61	6.811		
8,800.00	7,306.37	8,526.61	6,986.56	38.70	38.82	30.77	-1,007.38	2,573.26	372.20	315.67	56.53	6.584		
8,900.00	7,305.91	8,626.61	6,986.03	40.12	40.24	30.80	-1,007.25	2,673.26	372.42	313.94	58.48	6.368		
9,000.00	7,305.45	8,726.61	6,985.50	41.56	41.67	30.84	-1,007.11	2,773.25	372.64	312.18	60.46	6.163		
9,100.00	7,304.99	8,826.61	6,984.97	43.02	43.13	30.87	-1,006.97	2,873.25	372.85	310.39	62.46	5.969		
9,200.00	7,304.53	8,926.61	6,984.44	44.50	44.60	30.91	-1,006.83	2,973.25	373.07	308.58	64.49	5.785		
9,300.00	7,304.07	9,026.61	6,983.91	45.99	46.09	30.94	-1,006.70	3,073.25	373.29	306.76	66.53	5.611		
9,400.00	7,303.61	9,126.61	6,983.38	47.49	47.59	30.98	-1,006.56	3,173.25	373.50	304.91	68.59	5.445		
9,500.00	7,303.15	9,226.61	6,982.85	49.00	49.10	31.01	-1,006.42	3,273.24	373.72	303.04	70.68	5.288		
9,600.00	7,302.69	9,326.61	6,982.32	50.52	50.62	31.05	-1,006.29	3,373.24	373.94	301.16	72.77	5.138		
9,700.00	7,302.23	9,426.61	6,981.79	52.06	52.15	31.08	-1,006.15	3,473.24	374.15	299.27	74.89	4.996		
9,800.00	7,301.77	9,526.61	6,981.26	53.60	53.69	31.12	-1,006.01	3,573.24	374.37	297.36	77.01	4.861		
9,900.00	7,301.31	9,626.61	6,980.73	55.14	55.24	31.15	-1,005.88	3,673.24	374.59	295.44	79.15	4.733		
10,000.00	7,300.85	9,726.61	6,980.20	56.70	56.79	31.18	-1,005.74	3,773.23	374.81	293.50	81.30	4.610		
10,100.00	7,300.39	9,826.61	6,979.67	58.26	58.36	31.22	-1,005.60	3,873.23	375.02	291.56	83.47	4.493		
10,200.00	7,299.93	9,926.61	6,979.14	59.83	59.92	31.25	-1,005.47	3,973.23	375.24	289.60	85.64	4.382		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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		
10,300.00	7,299.47	10,026.61	6,978.61	61.40	61.50	31.29	-1,005.33	4,073.23	375.46	287.64	87.82	4.275		
10,400.00	7,299.01	10,126.60	6,978.08	62.98	63.08	31.32	-1,005.19	4,173.23	375.68	285.66	90.02	4.173		
10,500.00	7,298.55	10,226.60	6,977.55	64.57	64.66	31.35	-1,005.06	4,273.22	375.90	283.68	92.22	4.076		
10,600.00	7,298.09	10,326.60	6,977.03	66.15	66.25	31.39	-1,004.92	4,373.22	376.11	281.69	94.43	3.983		
10,700.00	7,297.63	10,426.60	6,976.50	67.75	67.84	31.42	-1,004.78	4,473.22	376.33	279.69	96.64	3.894		
10,800.00	7,297.17	10,526.60	6,975.97	69.34	69.43	31.46	-1,004.65	4,573.22	376.55	277.68	98.87	3.809		
10,900.00	7,296.71	10,626.60	6,975.44	70.94	71.03	31.49	-1,004.51	4,673.22	376.77	275.67	101.10	3.727		
11,000.00	7,296.25	10,726.60	6,974.91	72.55	72.64	31.53	-1,004.37	4,773.21	376.99	273.65	103.34	3.648		
11,100.00	7,295.79	10,826.60	6,974.38	74.15	74.24	31.56	-1,004.24	4,873.21	377.21	271.63	105.58	3.573		
11,200.00	7,295.33	10,926.60	6,973.85	75.76	75.85	31.59	-1,004.10	4,973.21	377.43	269.59	107.83	3.500		
11,300.00	7,294.87	11,026.60	6,973.32	77.37	77.46	31.63	-1,003.96	5,073.21	377.65	267.56	110.09	3.430		
11,400.00	7,294.41	11,126.60	6,972.79	78.99	79.08	31.66	-1,003.83	5,173.21	377.87	265.51	112.35	3.363		
11,500.00	7,293.95	11,226.60	6,972.26	80.60	80.69	31.69	-1,003.69	5,273.20	378.09	263.47	114.62	3.299		
11,600.00	7,293.49	11,326.60	6,971.73	82.22	82.31	31.73	-1,003.55	5,373.20	378.31	261.41	116.90	3.236		
11,700.00	7,293.03	11,426.60	6,971.20	83.84	83.93	31.76	-1,003.42	5,473.20	378.53	259.35	119.17	3.176		
11,800.00	7,292.57	11,526.60	6,970.67	85.47	85.55	31.80	-1,003.28	5,573.20	378.75	257.29	121.46	3.118		
11,900.00	7,292.11	11,626.60	6,970.14	87.09	87.18	31.83	-1,003.14	5,673.20	378.97	255.22	123.74	3.063		
12,000.00	7,291.65	11,726.60	6,969.61	88.72	88.81	31.86	-1,003.00	5,773.19	379.19	253.15	126.04	3.009		
12,100.00	7,291.19	11,826.60	6,969.08	90.34	90.43	31.90	-1,002.87	5,873.19	379.41	251.08	128.33	2.956		
12,200.00	7,290.73	11,926.60	6,968.55	91.97	92.06	31.93	-1,002.73	5,973.19	379.63	249.00	130.63	2.906		
12,300.00	7,290.27	12,026.60	6,968.02	93.61	93.70	31.96	-1,002.59	6,073.19	379.85	246.91	132.94	2.857		
12,400.00	7,289.81	12,126.60	6,967.49	95.24	95.33	32.00	-1,002.46	6,173.19	380.07	244.83	135.24	2.810		
12,500.00	7,289.35	12,226.59	6,966.96	96.87	96.96	32.03	-1,002.32	6,273.18	380.29	242.73	137.56	2.765		
12,600.00	7,288.89	12,326.59	6,966.43	98.51	98.60	32.06	-1,002.18	6,373.18	380.51	240.64	139.87	2.720		
12,700.00	7,288.43	12,426.59	6,965.90	100.15	100.23	32.10	-1,002.05	6,473.18	380.73	238.54	142.19	2.678		
12,800.00	7,287.97	12,526.59	6,965.37	101.78	101.87	32.13	-1,001.91	6,573.18	380.95	236.44	144.52	2.636		
12,900.00	7,287.51	12,626.59	6,964.84	103.42	103.51	32.16	-1,001.77	6,673.18	381.18	234.33	146.84	2.596		
13,000.00	7,287.05	12,726.59	6,964.31	105.06	105.15	32.20	-1,001.64	6,773.17	381.40	232.23	149.17	2.557		
13,100.00	7,286.59	12,826.59	6,963.78	106.70	106.79	32.23	-1,001.50	6,873.17	381.62	230.11	151.50	2.519		
13,200.00	7,286.13	12,926.59	6,963.25	108.34	108.43	32.26	-1,001.36	6,973.17	381.84	228.00	153.84	2.482		
13,300.00	7,285.67	13,026.59	6,962.72	109.99	110.08	32.30	-1,001.23	7,073.17	382.06	225.88	156.18	2.446		
13,400.00	7,285.21	13,126.59	6,962.19	111.63	111.72	32.33	-1,001.09	7,173.17	382.29	223.76	158.52	2.412		
13,500.00	7,284.75	13,226.59	6,961.66	113.28	113.37	32.36	-1,000.95	7,273.16	382.51	221.64	160.87	2.378		
13,600.00	7,284.29	13,326.59	6,961.13	114.92	115.01	32.39	-1,000.82	7,373.16	382.73	219.51	163.22	2.345		
13,700.00	7,283.83	13,426.59	6,960.60	116.57	116.66	32.43	-1,000.68	7,473.16	382.95	217.38	165.57	2.313		
13,800.00	7,283.37	13,526.59	6,960.07	118.21	118.31	32.46	-1,000.54	7,573.16	383.17	215.25	167.92	2.282		
13,900.00	7,282.91	13,626.59	6,959.54	119.86	119.95	32.49	-1,000.41	7,673.16	383.40	213.12	170.28	2.252		
14,000.00	7,282.45	13,726.59	6,959.01	121.51	121.60	32.53	-1,000.27	7,773.15	383.62	210.98	172.64	2.222		
14,100.00	7,281.99	13,826.59	6,958.48	123.16	123.25	32.56	-1,000.13	7,873.15	383.84	208.84	175.00	2.193		
14,200.00	7,281.53	13,926.59	6,957.95	124.81	124.90	32.59	-1,000.00	7,973.15	384.07	206.70	177.37	2.165		
14,300.00	7,281.07	14,026.59	6,957.42	126.46	126.55	32.62	-999.86	8,073.15	384.29	204.56	179.73	2.138		
14,400.00	7,280.61	14,126.59	6,956.89	128.11	128.20	32.66	-999.72	8,173.15	384.51	202.41	182.10	2.111		
14,500.00	7,280.15	14,226.58	6,956.36	129.76	129.85	32.69	-999.59	8,273.14	384.74	200.26	184.48	2.086		
14,600.00	7,279.69	14,326.58	6,955.83	131.41	131.51	32.72	-999.45	8,373.14	384.96	198.11	186.85	2.060		
14,700.00	7,279.23	14,426.58	6,955.30	133.07	133.16	32.75	-999.31	8,473.14	385.18	195.95	189.23	2.036		
14,800.00	7,278.77	14,526.58	6,954.77	134.72	134.81	32.79	-999.17	8,573.14	385.41	193.80	191.61	2.011		
14,900.00	7,278.31	14,626.58	6,954.24	136.37	136.46	32.82	-999.04	8,673.14	385.63	191.64	193.99	1.988		
15,000.00	7,277.85	14,726.58	6,953.71	138.03	138.12	32.85	-998.90	8,773.13	385.86	189.48	196.38	1.965		
15,100.00	7,277.39	14,826.58	6,953.18	139.68	139.77	32.88	-998.76	8,873.13	386.08	187.31	198.77	1.942		
15,200.00	7,276.93	14,926.58	6,952.65	141.33	141.43	32.92	-998.63	8,973.13	386.30	185.15	201.16	1.920		
15,300.00	7,276.47	15,026.58	6,952.12	142.99	143.08	32.95	-998.49	9,073.13	386.53	182.98	203.55	1.899		
15,400.00	7,276.01	15,126.58	6,951.59	144.65	144.74	32.98	-998.35	9,173.13	386.75	180.81	205.94	1.878		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,500.00	7,275.55	15,226.58	6,951.06	146.30	146.39	33.01	-998.22	9,273.12	386.98	178.64	208.34	1.857	
15,600.00	7,275.09	15,326.58	6,950.53	147.96	148.05	33.04	-998.08	9,373.12	387.20	176.47	210.74	1.837	
15,700.00	7,274.63	15,426.58	6,950.00	149.61	149.71	33.08	-997.94	9,473.12	387.43	174.29	213.14	1.818	
15,800.00	7,274.17	15,526.58	6,949.47	151.27	151.37	33.11	-997.81	9,573.12	387.65	172.11	215.54	1.799	
15,900.00	7,273.71	15,626.58	6,948.94	152.93	153.02	33.14	-997.67	9,673.12	387.88	169.93	217.95	1.780	
16,000.00	7,273.25	15,726.58	6,948.41	154.59	154.68	33.17	-997.53	9,773.11	388.10	167.75	220.35	1.761	
16,100.00	7,272.79	15,826.58	6,947.88	156.24	156.34	33.21	-997.40	9,873.11	388.33	165.56	222.76	1.743	
16,200.00	7,272.33	15,926.58	6,947.35	157.90	158.00	33.24	-997.26	9,973.11	388.56	163.38	225.18	1.726	
16,300.00	7,271.87	16,026.58	6,946.82	159.56	159.66	33.27	-997.12	10,073.11	388.78	161.19	227.59	1.708	
16,400.00	7,271.41	16,126.58	6,946.29	161.22	161.32	33.30	-996.99	10,173.11	389.01	159.00	230.01	1.691	
16,500.00	7,270.95	16,226.58	6,945.76	162.88	162.97	33.33	-996.85	10,273.11	389.23	156.81	232.42	1.675	
16,600.00	7,270.49	16,326.57	6,945.23	164.54	164.63	33.36	-996.71	10,373.10	389.46	154.61	234.84	1.658	
16,700.00	7,270.03	16,426.57	6,944.70	166.20	166.29	33.40	-996.58	10,473.10	389.68	152.42	237.27	1.642	
16,800.00	7,269.57	16,526.57	6,944.17	167.86	167.95	33.43	-996.44	10,573.10	389.91	150.22	239.69	1.627	
16,900.00	7,269.11	16,626.57	6,943.64	169.52	169.61	33.46	-996.30	10,673.10	390.14	148.02	242.12	1.611	
17,000.00	7,268.65	16,726.57	6,943.11	171.18	171.27	33.49	-996.17	10,773.10	390.36	145.82	244.54	1.596	
17,100.00	7,268.19	16,826.57	6,942.58	172.84	172.94	33.52	-996.03	10,873.09	390.59	143.62	246.97	1.582	
17,200.00	7,267.73	16,926.57	6,942.05	174.50	174.60	33.55	-995.89	10,973.09	390.82	141.41	249.41	1.567	
17,300.00	7,267.27	17,026.57	6,941.52	176.16	176.26	33.59	-995.76	11,073.09	391.04	139.20	251.84	1.553	
17,400.00	7,266.81	17,126.57	6,940.99	177.82	177.92	33.62	-995.62	11,173.09	391.27	136.99	254.28	1.539	
17,500.00	7,266.35	17,226.57	6,940.46	179.48	179.58	33.65	-995.48	11,273.09	391.50	134.78	256.71	1.525	
17,600.00	7,265.89	17,326.57	6,939.93	181.14	181.24	33.68	-995.34	11,373.08	391.73	132.57	259.15	1.512	
17,700.00	7,265.43	17,426.57	6,939.40	182.81	182.91	33.71	-995.21	11,473.08	391.95	130.36	261.60	1.498 Level 3	
17,800.00	7,264.97	17,526.57	6,938.87	184.47	184.57	33.74	-995.07	11,573.08	392.18	128.14	264.04	1.485 Level 3	
17,800.20	7,264.97	17,526.77	6,938.87	184.47	184.57	33.74	-995.07	11,573.28	392.18	128.14	264.04	1.485 Level 3	
17,893.49	7,264.54	17,601.54	6,938.47	186.02	185.81	33.77	-994.97	11,648.05	392.83	126.88	265.95	1.477 Level 3, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-90.00	0.00	-19.77	19.77				
100.00	100.00	100.00	100.00	3.28	3.28	-90.00	0.00	-19.77	19.77	12.24	7.53	2.626	
200.00	200.00	200.00	200.00	3.31	3.31	-90.00	0.00	-19.77	19.77	12.19	7.57	2.610	
300.00	299.98	300.60	300.58	3.35	3.35	141.62	-0.88	-18.24	19.60	11.95	7.65	2.561	
400.00	399.84	401.20	401.03	3.41	3.41	143.68	-3.52	-13.64	19.12	11.36	7.76	2.463	
500.00	499.45	501.78	501.22	3.49	3.50	147.34	-7.90	-5.99	18.37	10.46	7.91	2.322	
600.00	598.70	602.35	601.03	3.61	3.62	152.96	-14.04	4.70	17.47	9.37	8.10	2.156	
700.00	697.47	702.90	700.32	3.77	3.77	160.94	-21.91	18.42	16.58	8.26	8.32	1.993	
776.41	772.64	779.37	775.54	3.91	3.92	168.48	-28.77	30.37	16.09	7.55	8.54	1.884 CC	
800.00	795.74	802.95	798.74	3.96	3.97	171.21	-30.89	34.07	16.56	7.95	8.61	1.924	
900.00	893.96	902.91	897.04	4.19	4.20	-178.81	-39.89	49.75	17.30	8.35	8.95	1.933	
1,000.00	992.19	1,002.86	995.35	4.45	4.45	-169.88	-48.89	65.43	18.51	9.16	9.35	1.980	
1,100.00	1,090.41	1,102.82	1,093.65	4.73	4.72	-162.21	-57.89	81.10	20.11	10.30	9.81	2.050	
1,200.00	1,188.63	1,202.77	1,191.96	5.03	5.01	-155.77	-66.88	96.78	22.01	11.69	10.33	2.132	
1,300.00	1,286.85	1,302.72	1,290.26	5.34	5.32	-150.41	-75.88	112.46	24.15	13.26	10.89	2.217	
1,400.00	1,385.07	1,402.68	1,388.57	5.67	5.63	-145.95	-84.88	128.14	26.46	14.97	11.50	2.302	
1,500.00	1,483.30	1,502.63	1,486.87	6.00	5.96	-142.23	-93.88	143.82	28.91	16.78	12.13	2.383	
1,600.00	1,581.52	1,602.59	1,585.18	6.35	6.30	-139.10	-102.88	159.50	31.46	18.67	12.79	2.460	
1,700.00	1,679.74	1,702.54	1,683.49	6.70	6.64	-136.45	-111.87	175.18	34.09	20.62	13.47	2.531	
1,800.00	1,777.96	1,802.49	1,781.79	7.06	6.99	-134.18	-120.87	190.86	36.79	22.62	14.16	2.597	
1,900.00	1,876.19	1,902.45	1,880.10	7.26	7.18	-132.22	-129.87	206.54	39.53	25.34	14.19	2.786	
2,000.00	1,974.41	2,002.40	1,978.40	7.31	7.22	-130.52	-138.87	222.22	42.31	28.00	14.31	2.956	
2,100.00	2,072.63	2,102.36	2,076.71	7.37	7.28	-129.03	-147.87	237.90	45.13	30.66	14.47	3.119	
2,200.00	2,170.85	2,202.31	2,175.01	7.45	7.36	-127.71	-156.86	253.58	47.97	33.32	14.65	3.275	
2,300.00	2,269.07	2,302.26	2,273.32	7.54	7.45	-126.54	-165.86	269.26	50.84	35.98	14.86	3.421	
2,400.00	2,367.30	2,402.22	2,371.62	7.65	7.56	-125.50	-174.86	284.94	53.72	38.63	15.10	3.559	
2,500.00	2,465.52	2,502.17	2,469.93	7.78	7.68	-124.57	-183.86	300.62	56.62	41.26	15.36	3.687	
2,600.00	2,563.74	2,602.12	2,568.24	7.92	7.82	-123.72	-192.86	316.30	59.53	43.89	15.65	3.805	
2,700.00	2,661.96	2,702.08	2,666.54	8.07	7.97	-122.96	-201.85	331.98	62.46	46.50	15.96	3.914	
2,800.00	2,760.18	2,802.03	2,764.85	8.24	8.13	-122.26	-210.85	347.66	65.39	49.10	16.30	4.013	
2,900.00	2,858.41	2,901.99	2,863.15	8.42	8.30	-121.62	-219.85	363.34	68.34	51.68	16.65	4.103	
3,000.00	2,956.63	3,001.94	2,961.46	8.61	8.49	-121.04	-228.85	379.02	71.29	54.26	17.03	4.185	
3,100.00	3,054.85	3,101.89	3,059.76	8.81	8.68	-120.50	-237.85	394.70	74.25	56.82	17.43	4.259	
3,200.00	3,153.07	3,201.85	3,158.07	9.02	8.89	-120.00	-246.84	410.37	77.21	59.36	17.85	4.326	
3,300.00	3,251.30	3,301.80	3,256.37	9.24	9.10	-119.54	-255.84	426.05	80.18	61.90	18.28	4.385	
3,400.00	3,349.52	3,401.76	3,354.68	9.47	9.33	-119.12	-264.84	441.73	83.16	64.42	18.74	4.439	
3,500.00	3,447.74	3,501.71	3,452.98	9.71	9.56	-118.72	-273.84	457.41	86.14	66.94	19.20	4.486	
3,600.00	3,545.96	3,601.66	3,551.29	9.95	9.80	-118.35	-282.84	473.09	89.12	69.44	19.68	4.528	
3,700.00	3,644.18	3,701.62	3,649.60	10.21	10.04	-118.00	-291.83	488.77	92.11	71.93	20.17	4.566	
3,800.00	3,742.41	3,801.57	3,747.90	10.46	10.29	-117.68	-300.83	504.45	95.10	74.42	20.68	4.599	
3,900.00	3,840.63	3,901.53	3,846.21	10.73	10.55	-117.37	-309.83	520.13	98.09	76.90	21.19	4.628	
4,000.00	3,938.85	4,001.48	3,944.51	11.00	10.82	-117.08	-318.83	535.81	101.09	79.36	21.72	4.654	
4,100.00	4,037.07	4,101.43	4,042.82	11.27	11.08	-116.81	-327.83	551.49	104.08	81.83	22.26	4.676	
4,200.00	4,135.30	4,201.39	4,141.12	11.55	11.36	-116.56	-336.82	567.17	107.08	84.28	22.80	4.696	
4,300.00	4,233.52	4,301.34	4,239.43	11.83	11.63	-116.32	-345.82	582.85	110.08	86.73	23.36	4.713	
4,400.00	4,331.74	4,401.30	4,337.73	12.12	11.91	-116.09	-354.82	598.53	113.09	89.17	23.92	4.728	
4,500.00	4,429.96	4,501.25	4,436.04	12.41	12.20	-115.87	-363.82	614.21	116.09	91.61	24.49	4.741	
4,600.00	4,528.18	4,601.20	4,534.34	12.71	12.49	-115.67	-372.81	629.89	119.10	94.04	25.06	4.752	
4,700.00	4,626.41	4,701.16	4,632.65	13.01	12.78	-115.47	-381.81	645.57	122.11	96.46	25.65	4.761	
4,800.00	4,724.63	4,801.11	4,730.96	13.31	13.07	-115.28	-390.81	661.25	125.12	98.88	26.24	4.769	
4,900.00	4,822.85	4,901.06	4,829.26	13.61	13.37	-115.11	-399.81	676.93	128.13	101.30	26.83	4.776	
5,000.00	4,921.07	5,001.02	4,927.57	13.92	13.67	-114.94	-408.81	692.61	131.14	103.71	27.43	4.781	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,019.30	5,100.97	5,025.87	14.23	13.98	-114.77	-417.80	708.29	134.16	106.12	28.03	4.786		
5,200.00	5,117.52	5,200.93	5,124.18	14.54	14.28	-114.62	-426.80	723.97	137.17	108.53	28.64	4.789		
5,300.00	5,215.74	5,300.88	5,222.48	14.86	14.59	-114.47	-435.80	739.64	140.19	110.93	29.25	4.792		
5,400.00	5,313.96	5,400.83	5,320.79	15.17	14.90	-114.33	-444.80	755.32	143.20	113.33	29.87	4.794		
5,500.00	5,412.18	5,500.79	5,419.09	15.49	15.21	-114.19	-453.80	771.00	146.22	115.73	30.49	4.796		
5,600.00	5,510.41	5,600.74	5,517.40	15.81	15.52	-114.06	-462.79	786.68	149.24	118.12	31.11	4.796		
5,700.00	5,608.63	5,700.70	5,615.71	16.13	15.84	-113.94	-471.79	802.36	152.25	120.51	31.74	4.797		
5,800.00	5,706.85	5,800.65	5,714.01	16.46	16.15	-113.82	-480.79	818.04	155.27	122.90	32.37	4.797		
5,900.00	5,805.07	5,900.60	5,812.32	16.78	16.47	-113.70	-489.79	833.72	158.29	125.29	33.01	4.796		
6,000.00	5,903.29	6,000.56	5,910.62	17.11	16.79	-113.59	-498.79	849.40	161.31	127.67	33.64	4.795		
6,100.00	6,001.52	6,100.51	6,008.93	17.44	17.11	-113.48	-507.78	865.08	164.34	130.05	34.28	4.794		
6,200.00	6,099.74	6,200.47	6,107.23	17.76	17.44	-113.38	-516.78	880.76	167.36	132.44	34.92	4.792		
6,300.00	6,197.96	6,300.42	6,205.54	18.09	17.76	-113.28	-525.78	896.44	170.38	134.81	35.57	4.791		
6,400.00	6,296.18	6,400.37	6,303.84	18.43	18.08	-113.18	-534.78	912.12	173.40	137.19	36.21	4.789		
6,500.00	6,394.41	6,500.33	6,402.15	18.76	18.41	-113.09	-543.78	927.80	176.43	139.57	36.86	4.786		
6,600.00	6,492.63	6,600.28	6,500.45	19.09	18.74	-113.00	-552.77	943.48	179.45	141.94	37.51	4.784		
6,700.00	6,590.85	6,698.96	6,597.48	19.43	19.06	-112.86	-561.65	959.14	182.53	144.37	38.16	4.783		
6,800.00	6,689.07	6,790.15	6,685.32	19.76	19.41	-110.23	-569.66	981.99	188.55	149.60	38.95	4.840		
6,900.00	6,787.26	6,876.94	6,765.09	20.10	19.80	-99.96	-576.88	1,015.22	200.54	160.73	39.81	5.037		
7,000.00	6,883.33	6,959.93	6,836.50	20.48	20.25	-78.73	-583.29	1,056.90	216.15	175.73	40.42	5.348		
7,100.00	6,974.38	7,040.73	6,900.27	20.94	20.74	-67.56	-588.96	1,106.10	232.16	191.38	40.78	5.693		
7,200.00	7,058.15	7,119.76	6,956.16	21.48	21.28	-60.43	-593.89	1,161.68	247.40	206.44	40.96	6.041		
7,300.00	7,132.58	7,197.38	7,003.97	22.09	21.85	-55.54	-598.05	1,222.64	261.03	220.02	41.01	6.365		
7,400.00	7,195.84	7,273.93	7,043.55	22.78	22.48	-52.14	-601.43	1,288.02	272.44	231.43	41.01	6.644		
7,500.00	7,246.38	7,350.00	7,074.86	23.55	23.15	-49.84	-604.03	1,357.25	281.18	240.17	41.01	6.856		
7,600.00	7,282.95	7,424.90	7,097.45	24.40	23.85	-48.43	-605.82	1,428.59	286.98	245.93	41.04	6.992		
7,700.00	7,304.64	7,500.00	7,111.57	25.31	24.59	-47.79	-606.82	1,502.30	289.65	248.44	41.21	7.029		
7,800.00	7,310.97	7,574.70	7,116.95	26.27	25.36	-47.85	-607.01	1,576.76	289.14	247.62	41.52	6.964		
7,843.07	7,310.77	7,614.09	7,116.90	26.70	25.77	-47.87	-606.85	1,616.15	289.02	247.00	42.02	6.879		
7,900.00	7,310.51	7,671.03	7,116.70	27.29	26.39	-47.88	-606.59	1,673.09	288.97	246.06	42.91	6.734		
8,000.00	7,310.05	7,771.03	7,116.35	28.38	27.52	-47.90	-606.15	1,773.09	288.90	244.31	44.59	6.479		
8,100.00	7,309.59	7,871.03	7,116.01	29.52	28.71	-47.91	-605.71	1,873.08	288.83	242.45	46.37	6.228		
8,200.00	7,309.13	7,971.03	7,115.66	30.72	29.94	-47.93	-605.27	1,973.08	288.75	240.50	48.26	5.984		
8,300.00	7,308.67	8,071.03	7,115.31	31.97	31.22	-47.95	-604.83	2,073.08	288.68	238.46	50.22	5.748		
8,400.00	7,308.21	8,171.03	7,114.96	33.25	32.54	-47.96	-604.39	2,173.08	288.60	236.34	52.26	5.522		
8,500.00	7,307.75	8,271.03	7,114.61	34.57	33.89	-47.98	-603.94	2,273.08	288.53	234.16	54.37	5.306		
8,600.00	7,307.29	8,371.03	7,114.26	35.92	35.26	-48.00	-603.50	2,373.08	288.45	231.91	56.54	5.102		
8,700.00	7,306.83	8,471.03	7,113.91	37.30	36.67	-48.01	-603.06	2,473.07	288.38	229.62	58.77	4.907		
8,800.00	7,306.37	8,571.03	7,113.56	38.70	38.09	-48.03	-602.62	2,573.07	288.31	227.27	61.04	4.724		
8,900.00	7,305.91	8,671.03	7,113.21	40.12	39.53	-48.05	-602.18	2,673.07	288.23	224.89	63.35	4.550		
9,000.00	7,305.45	8,771.03	7,112.86	41.56	41.00	-48.06	-601.74	2,773.07	288.16	222.46	65.70	4.386		
9,100.00	7,304.99	8,871.03	7,112.51	43.02	42.48	-48.08	-601.29	2,873.07	288.08	220.00	68.08	4.231		
9,200.00	7,304.53	8,971.02	7,112.16	44.50	43.97	-48.09	-600.85	2,973.07	288.01	217.51	70.50	4.085		
9,300.00	7,304.07	9,071.02	7,111.82	45.99	45.47	-48.11	-600.41	3,073.06	287.94	215.00	72.94	3.948		
9,400.00	7,303.61	9,171.02	7,111.47	47.49	46.99	-48.13	-599.97	3,173.06	287.86	212.45	75.41	3.817		
9,500.00	7,303.15	9,271.02	7,111.12	49.00	48.52	-48.14	-599.53	3,273.06	287.79	209.89	77.90	3.694		
9,600.00	7,302.69	9,371.02	7,110.77	50.52	50.05	-48.16	-599.08	3,373.06	287.71	207.30	80.41	3.578		
9,700.00	7,302.23	9,471.02	7,110.42	52.06	51.60	-48.18	-598.64	3,473.06	287.64	204.70	82.94	3.468		
9,800.00	7,301.77	9,571.02	7,110.07	53.60	53.15	-48.19	-598.20	3,573.06	287.57	202.08	85.49	3.364		
9,900.00	7,301.31	9,671.02	7,109.72	55.14	54.71	-48.21	-597.76	3,673.05	287.49	199.44	88.05	3.265		
10,000.00	7,300.85	9,771.02	7,109.37	56.70	56.28	-48.23	-597.32	3,773.05	287.42	196.79	90.63	3.171		
10,100.00	7,300.39	9,871.02	7,109.02	58.26	57.85	-48.24	-596.88	3,873.05	287.35	194.12	93.22	3.082		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,299.93	9,971.02	7,108.67	59.83	59.43	-48.26	-596.43	3,973.05	287.27	191.45	95.83	2.998		
10,300.00	7,299.47	10,071.02	7,108.32	61.40	61.01	-48.28	-595.99	4,073.05	287.20	188.76	98.44	2.917		
10,400.00	7,299.01	10,171.02	7,107.98	62.98	62.60	-48.29	-595.55	4,173.05	287.12	186.06	101.07	2.841		
10,500.00	7,298.55	10,271.02	7,107.63	64.57	64.19	-48.31	-595.11	4,273.04	287.05	183.35	103.71	2.768		
10,600.00	7,298.09	10,371.02	7,107.28	66.15	65.79	-48.33	-594.67	4,373.04	286.98	180.63	106.35	2.698		
10,700.00	7,297.63	10,471.02	7,106.93	67.75	67.39	-48.34	-594.23	4,473.04	286.90	177.90	109.00	2.632		
10,800.00	7,297.17	10,571.02	7,106.58	69.34	68.99	-48.36	-593.78	4,573.04	286.83	175.16	111.67	2.569		
10,900.00	7,296.71	10,671.02	7,106.23	70.94	70.60	-48.37	-593.34	4,673.04	286.76	172.42	114.34	2.508		
11,000.00	7,296.25	10,771.02	7,105.88	72.55	72.21	-48.39	-592.90	4,773.04	286.68	169.67	117.01	2.450		
11,100.00	7,295.79	10,871.02	7,105.53	74.15	73.82	-48.41	-592.46	4,873.03	286.61	166.91	119.70	2.394		
11,200.00	7,295.33	10,971.02	7,105.18	75.76	75.44	-48.42	-592.02	4,973.03	286.54	164.15	122.39	2.341		
11,300.00	7,294.87	11,071.02	7,104.83	77.37	77.05	-48.44	-591.58	5,073.03	286.46	161.38	125.08	2.290		
11,400.00	7,294.41	11,171.02	7,104.48	78.99	78.67	-48.46	-591.13	5,173.03	286.39	158.60	127.79	2.241		
11,500.00	7,293.95	11,271.02	7,104.13	80.60	80.30	-48.47	-590.69	5,273.03	286.32	155.82	130.49	2.194		
11,600.00	7,293.49	11,371.02	7,103.79	82.22	81.92	-48.49	-590.25	5,373.03	286.24	153.04	133.20	2.149		
11,700.00	7,293.03	11,471.02	7,103.44	83.84	83.55	-48.51	-589.81	5,473.02	286.17	150.25	135.92	2.105		
11,800.00	7,292.57	11,571.02	7,103.09	85.47	85.17	-48.52	-589.37	5,573.02	286.10	147.45	138.64	2.064		
11,900.00	7,292.11	11,671.02	7,102.74	87.09	86.80	-48.54	-588.93	5,673.02	286.02	144.65	141.37	2.023		
12,000.00	7,291.65	11,771.02	7,102.39	88.72	88.44	-48.56	-588.48	5,773.02	285.95	141.85	144.10	1.984		
12,100.00	7,291.19	11,871.02	7,102.04	90.34	90.07	-48.57	-588.04	5,873.02	285.88	139.04	146.83	1.947		
12,200.00	7,290.73	11,971.02	7,101.69	91.97	91.70	-48.59	-587.60	5,973.02	285.80	136.23	149.57	1.911		
12,300.00	7,290.27	12,071.02	7,101.34	93.61	93.34	-48.61	-587.16	6,073.01	285.73	133.42	152.31	1.876		
12,400.00	7,289.81	12,171.02	7,100.99	95.24	94.97	-48.62	-586.72	6,173.01	285.66	130.60	155.06	1.842		
12,500.00	7,289.35	12,271.02	7,100.64	96.87	96.61	-48.64	-586.28	6,273.01	285.58	127.78	157.81	1.810		
12,600.00	7,288.89	12,371.02	7,100.29	98.51	98.25	-48.66	-585.83	6,373.01	285.51	124.95	160.56	1.778		
12,700.00	7,288.43	12,471.02	7,099.95	100.15	99.89	-48.67	-585.39	6,473.01	285.44	122.12	163.31	1.748		
12,800.00	7,287.97	12,571.02	7,099.60	101.78	101.53	-48.69	-584.95	6,573.01	285.36	119.29	166.07	1.718		
12,900.00	7,287.51	12,671.02	7,099.25	103.42	103.18	-48.71	-584.51	6,673.00	285.29	116.46	168.83	1.690		
13,000.00	7,287.05	12,771.02	7,098.90	105.06	104.82	-48.72	-584.07	6,773.00	285.22	113.62	171.59	1.662		
13,100.00	7,286.59	12,871.02	7,098.55	106.70	106.46	-48.74	-583.62	6,873.00	285.14	110.78	174.36	1.635		
13,200.00	7,286.13	12,971.02	7,098.20	108.34	108.11	-48.76	-583.18	6,973.00	285.07	107.94	177.13	1.609		
13,300.00	7,285.67	13,071.02	7,097.85	109.99	109.75	-48.77	-582.74	7,073.00	285.00	105.10	179.90	1.584		
13,400.00	7,285.21	13,171.02	7,097.50	111.63	111.40	-48.79	-582.30	7,173.00	284.92	102.25	182.67	1.560		
13,500.00	7,284.75	13,271.02	7,097.15	113.28	113.05	-48.81	-581.86	7,273.00	284.85	99.40	185.45	1.536		
13,600.00	7,284.29	13,371.02	7,096.80	114.92	114.70	-48.83	-581.42	7,372.99	284.78	96.55	188.23	1.513		
13,700.00	7,283.83	13,471.02	7,096.45	116.57	116.34	-48.84	-580.97	7,472.99	284.71	93.70	191.01	1.491 Level 3		
13,800.00	7,283.37	13,571.02	7,096.10	118.21	117.99	-48.86	-580.53	7,572.99	284.63	90.84	193.79	1.469 Level 3		
13,900.00	7,282.91	13,671.02	7,095.76	119.86	119.64	-48.88	-580.09	7,672.99	284.56	87.99	196.57	1.448 Level 3		
14,000.00	7,282.45	13,771.02	7,095.41	121.51	121.29	-48.89	-579.65	7,772.99	284.49	85.13	199.36	1.427 Level 3		
14,100.00	7,281.99	13,871.02	7,095.06	123.16	122.95	-48.91	-579.21	7,872.99	284.41	82.26	202.15	1.407 Level 3		
14,200.00	7,281.53	13,971.02	7,094.71	124.81	124.60	-48.93	-578.77	7,972.98	284.34	79.40	204.94	1.387 Level 3		
14,300.00	7,281.07	14,071.02	7,094.36	126.46	126.25	-48.94	-578.32	8,072.98	284.27	76.53	207.73	1.368 Level 3		
14,400.00	7,280.61	14,171.02	7,094.01	128.11	127.90	-48.96	-577.88	8,172.98	284.20	73.67	210.53	1.350 Level 3		
14,500.00	7,280.15	14,271.02	7,093.66	129.76	129.56	-48.98	-577.44	8,272.98	284.12	70.80	213.33	1.332 Level 3		
14,600.00	7,279.69	14,371.02	7,093.31	131.41	131.21	-48.99	-577.00	8,372.98	284.05	67.93	216.12	1.314 Level 3		
14,700.00	7,279.23	14,471.02	7,092.96	133.07	132.87	-49.01	-576.56	8,472.98	283.98	65.05	218.92	1.297 Level 3		
14,800.00	7,278.77	14,571.02	7,092.61	134.72	134.52	-49.03	-576.12	8,572.97	283.91	62.18	221.73	1.280 Level 3		
14,900.00	7,278.31	14,671.02	7,092.26	136.37	136.18	-49.04	-575.67	8,672.97	283.83	59.30	224.53	1.264 Level 3		
15,000.00	7,277.85	14,771.02	7,091.92	138.03	137.83	-49.06	-575.23	8,772.97	283.76	56.42	227.34	1.248 Level 2		
15,100.00	7,277.39	14,871.02	7,091.57	139.68	139.49	-49.08	-574.79	8,872.97	283.69	53.55	230.14	1.233 Level 2		
15,200.00	7,276.93	14,971.02	7,091.22	141.33	141.14	-49.09	-574.35	8,972.97	283.62	50.66	232.95	1.217 Level 2		
15,300.00	7,276.47	15,071.02	7,090.87	142.99	142.80	-49.11	-573.91	9,072.97	283.54	47.78	235.76	1.203 Level 2		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	7,276.01	15,171.02	7,090.52	144.65	144.46	-49.13	-573.47	9,172.96	283.47	44.90	238.57	1.188	Level 2
15,500.00	7,275.55	15,271.02	7,090.17	146.30	146.12	-49.15	-573.02	9,272.96	283.40	42.01	241.39	1.174	Level 2
15,600.00	7,275.09	15,371.02	7,089.82	147.96	147.77	-49.16	-572.58	9,372.96	283.33	39.12	244.20	1.160	Level 2
15,700.00	7,274.63	15,471.02	7,089.47	149.61	149.43	-49.18	-572.14	9,472.96	283.25	36.24	247.02	1.147	Level 2
15,800.00	7,274.17	15,571.02	7,089.12	151.27	151.09	-49.20	-571.70	9,572.96	283.18	33.34	249.84	1.133	Level 2
15,900.00	7,273.71	15,671.02	7,088.77	152.93	152.75	-49.21	-571.26	9,672.96	283.11	30.45	252.66	1.121	Level 2
16,000.00	7,273.25	15,771.02	7,088.42	154.59	154.41	-49.23	-570.82	9,772.95	283.04	27.56	255.48	1.108	Level 2
16,100.00	7,272.79	15,871.02	7,088.07	156.24	156.07	-49.25	-570.37	9,872.95	282.96	24.67	258.30	1.095	Level 2
16,200.00	7,272.33	15,971.02	7,087.73	157.90	157.73	-49.26	-569.93	9,972.95	282.89	21.77	261.12	1.083	Level 2
16,300.00	7,271.87	16,071.02	7,087.38	159.56	159.39	-49.28	-569.49	10,072.95	282.82	18.87	263.95	1.072	Level 2
16,400.00	7,271.41	16,171.02	7,087.03	161.22	161.05	-49.30	-569.05	10,172.95	282.75	15.97	266.77	1.060	Level 2
16,500.00	7,270.95	16,271.02	7,086.68	162.88	162.71	-49.32	-568.61	10,272.95	282.67	13.07	269.60	1.048	Level 2
16,600.00	7,270.49	16,371.02	7,086.33	164.54	164.37	-49.33	-568.17	10,372.94	282.60	10.17	272.43	1.037	Level 2
16,700.00	7,270.03	16,471.02	7,085.98	166.20	166.03	-49.35	-567.72	10,472.94	282.53	7.27	275.26	1.026	Level 2
16,800.00	7,269.57	16,571.02	7,085.63	167.86	167.69	-49.37	-567.28	10,572.94	282.46	4.37	278.09	1.016	Level 2
16,900.00	7,269.11	16,671.02	7,085.28	169.52	169.35	-49.38	-566.84	10,672.94	282.39	1.46	280.92	1.005	Level 2
17,000.00	7,268.65	16,771.02	7,084.93	171.18	171.01	-49.40	-566.40	10,772.94	282.31	-1.44	283.76	0.995	Level 1
17,100.00	7,268.19	16,871.02	7,084.58	172.84	172.67	-49.42	-565.96	10,872.94	282.24	-4.35	286.59	0.985	Level 1
17,200.00	7,267.73	16,971.02	7,084.23	174.50	174.34	-49.44	-565.51	10,972.93	282.17	-7.26	289.43	0.975	Level 1
17,300.00	7,267.27	17,071.02	7,083.89	176.16	176.00	-49.45	-565.07	11,072.93	282.10	-10.17	292.27	0.965	Level 1
17,400.00	7,266.81	17,171.02	7,083.54	177.82	177.66	-49.47	-564.63	11,172.93	282.03	-13.08	295.11	0.956	Level 1
17,500.00	7,266.35	17,271.02	7,083.19	179.48	179.32	-49.49	-564.19	11,272.93	281.95	-15.99	297.95	0.946	Level 1
17,600.00	7,265.89	17,371.02	7,082.84	181.14	180.99	-49.50	-563.75	11,372.93	281.88	-18.91	300.79	0.937	Level 1
17,700.00	7,265.43	17,471.02	7,082.49	182.81	182.65	-49.52	-563.31	11,472.93	281.81	-21.82	303.63	0.928	Level 1
17,800.00	7,264.97	17,571.02	7,082.14	184.47	184.31	-49.54	-562.86	11,572.92	281.74	-24.74	306.48	0.919	Level 1
17,893.49	7,264.54	17,664.51	7,081.81	186.02	185.87	-49.55	-562.45	11,666.41	281.67	-27.46	309.14	0.911	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
4,800.00	4,724.63	14,578.71	7,134.24	13.31	224.19	94.06	-1,214.72	579.90	2,429.97	2,323.79	106.18	22.886	
4,900.00	4,822.85	14,604.59	7,134.59	13.61	224.95	92.86	-1,214.76	596.59	2,332.91	2,225.21	107.71	21.660	
5,000.00	4,921.07	14,612.11	7,134.95	13.92	225.17	91.61	-1,214.81	613.29	2,236.00	2,126.87	109.12	20.491	
5,100.00	5,019.30	14,628.81	7,135.30	14.23	225.66	90.31	-1,214.85	629.98	2,139.23	2,028.46	110.77	19.312	
5,200.00	5,117.52	14,645.50	7,135.66	14.54	226.15	88.96	-1,214.90	646.68	2,042.64	1,930.08	112.56	18.148	
5,300.00	5,215.74	14,662.20	7,136.02	14.86	226.64	87.55	-1,214.94	663.37	1,946.25	1,831.75	114.51	16.997	
5,400.00	5,313.96	14,678.90	7,136.37	15.17	227.13	86.10	-1,214.98	680.07	1,850.10	1,733.45	116.64	15.861	
5,500.00	5,412.18	14,704.40	7,136.73	15.49	227.88	84.58	-1,215.03	696.76	1,754.21	1,635.10	119.12	14.727	
5,600.00	5,510.41	14,712.30	7,137.08	15.81	228.12	83.02	-1,215.07	713.45	1,658.65	1,537.03	121.61	13.639	
5,700.00	5,608.63	14,728.99	7,137.44	16.13	228.61	81.39	-1,215.12	730.15	1,563.46	1,438.93	124.53	12.555	
5,800.00	5,706.85	14,745.69	7,137.79	16.46	229.10	79.71	-1,215.16	746.84	1,468.72	1,340.91	127.80	11.492	
5,900.00	5,805.07	14,762.39	7,138.15	16.78	229.59	77.97	-1,215.21	763.54	1,374.52	1,243.01	131.51	10.452	
6,000.00	5,903.29	14,779.09	7,138.50	17.11	230.08	76.17	-1,215.25	780.23	1,280.98	1,145.24	135.74	9.437	
6,100.00	6,001.52	14,804.21	7,138.86	17.44	230.82	74.32	-1,215.29	796.92	1,188.26	1,047.53	140.73	8.443	
6,200.00	6,099.74	14,812.48	7,139.22	17.76	231.06	72.41	-1,215.34	813.62	1,096.57	950.33	146.24	7.499	
6,300.00	6,197.96	14,829.18	7,139.57	18.09	231.55	70.45	-1,215.38	830.31	1,006.18	853.36	152.83	6.584	
6,400.00	6,296.18	14,845.88	7,139.93	18.43	232.05	68.44	-1,215.43	847.01	917.49	756.91	160.59	5.713	
6,500.00	6,394.41	14,862.58	7,140.28	18.76	232.54	66.38	-1,215.47	863.70	831.03	661.26	169.78	4.895	
6,600.00	6,492.63	14,879.28	7,140.64	19.09	233.03	64.29	-1,215.52	880.40	747.59	566.91	180.68	4.138	
6,700.00	6,590.85	14,895.97	7,140.99	19.43	233.52	62.15	-1,215.56	897.09	668.28	474.74	193.54	3.453	
6,800.00	6,689.07	14,912.67	7,141.35	19.76	234.01	59.98	-1,215.61	913.78	594.77	386.36	208.41	2.854	
6,900.00	6,787.26	14,929.59	7,141.71	20.10	234.51	63.44	-1,215.65	930.70	529.50	304.78	224.72	2.356	
7,000.00	6,883.33	14,956.49	7,142.28	20.48	235.30	80.24	-1,215.72	957.59	476.98	236.30	240.69	1.982	
7,100.00	6,974.38	15,001.90	7,143.17	20.94	236.64	84.66	-1,215.83	999.19	441.20	188.06	253.14	1.743	
7,200.00	7,058.15	15,053.41	7,144.35	21.48	238.15	83.23	-1,215.98	1,054.49	423.19	164.40	258.79	1.635	
7,268.42	7,110.20	15,101.55	7,145.30	21.90	239.57	80.26	-1,216.10	1,099.52	420.03	161.26	258.77	1.623 CC	
7,300.00	7,132.58	15,121.06	7,145.79	22.09	240.14	78.54	-1,216.16	1,122.12	420.61	162.91	257.71	1.632	
7,400.00	7,195.84	15,200.64	7,147.45	22.78	242.49	72.46	-1,216.37	1,200.41	428.44	175.97	252.46	1.697	
7,500.00	7,246.38	15,286.41	7,149.31	23.55	245.01	66.58	-1,216.60	1,287.44	440.83	194.44	246.39	1.789	
7,600.00	7,282.95	15,380.06	7,151.30	24.40	247.77	62.04	-1,216.85	1,381.06	452.77	210.66	242.11	1.870	
7,700.00	7,304.64	15,477.99	7,153.39	25.31	250.65	59.40	-1,217.11	1,478.97	460.72	219.77	240.95	1.912	
7,800.00	7,310.97	15,577.80	7,155.51	26.27	253.59	58.84	-1,217.38	1,578.76	462.78	219.28	243.50	1.901	
7,900.00	7,310.51	15,677.76	7,157.64	27.29	256.54	59.16	-1,217.64	1,678.70	462.06	214.28	247.78	1.865	
8,000.00	7,310.05	15,777.73	7,159.77	28.38	259.48	59.48	-1,217.91	1,778.64	461.34	209.23	252.12	1.830	
8,100.00	7,309.59	15,877.69	7,161.90	29.52	262.43	59.80	-1,218.17	1,878.58	460.64	204.13	256.51	1.796	
8,200.00	7,309.13	15,977.66	7,164.02	30.72	265.37	60.13	-1,218.44	1,978.52	459.96	199.00	260.96	1.763	
8,300.00	7,308.67	16,077.62	7,166.15	31.97	268.32	60.45	-1,218.71	2,078.46	459.29	193.83	265.46	1.730	
8,400.00	7,308.21	16,177.58	7,168.28	33.25	271.27	60.78	-1,218.97	2,178.40	458.64	188.63	270.01	1.699	
8,500.00	7,307.75	16,277.55	7,170.41	34.57	274.21	61.10	-1,219.24	2,278.35	458.00	183.40	274.60	1.668	
8,600.00	7,307.29	16,377.51	7,172.54	35.92	277.16	61.43	-1,219.50	2,378.29	457.37	178.15	279.22	1.638	
8,700.00	7,306.83	16,477.48	7,174.67	37.30	280.11	61.76	-1,219.77	2,478.23	456.76	172.88	283.88	1.609	
8,800.00	7,306.37	16,577.44	7,176.80	38.70	283.06	62.08	-1,220.03	2,578.17	456.17	167.59	288.58	1.581	
8,900.00	7,305.91	16,677.40	7,178.92	40.12	286.01	62.41	-1,220.30	2,678.11	455.59	162.29	293.30	1.553	
9,000.00	7,305.45	16,777.37	7,181.05	41.56	288.95	62.74	-1,220.57	2,778.05	455.03	156.97	298.06	1.527	
9,100.00	7,304.99	16,877.33	7,183.18	43.02	291.90	63.07	-1,220.83	2,877.99	454.48	151.64	302.84	1.501	
9,200.00	7,304.53	16,977.30	7,185.31	44.50	294.85	63.41	-1,221.10	2,977.93	453.94	146.30	307.64	1.476 Level 3	
9,300.00	7,304.07	17,077.26	7,187.44	45.99	297.80	63.74	-1,221.36	3,077.87	453.42	140.95	312.47	1.451 Level 3	
9,400.00	7,303.61	17,177.22	7,189.57	47.49	300.75	64.07	-1,221.63	3,177.81	452.92	135.59	317.33	1.427 Level 3	
9,500.00	7,303.15	17,277.19	7,191.69	49.00	303.70	64.41	-1,221.90	3,277.75	452.43	130.23	322.20	1.404 Level 3	
9,600.00	7,302.69	17,377.15	7,193.82	50.52	306.65	64.74	-1,222.16	3,377.70	451.96	124.86	327.10	1.382 Level 3	
9,700.00	7,302.23	17,477.12	7,195.95	52.06	309.60	65.08	-1,222.43	3,477.64	451.50	119.49	332.01	1.360 Level 3	
9,800.00	7,301.77	17,577.08	7,198.08	53.60	312.55	65.41	-1,222.69	3,577.58	451.06	114.12	336.94	1.339 Level 3	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,803.21	7,301.75	17,580.29	7,198.15	53.65	312.65	65.42	-1,222.70	3,580.79	451.05	113.95	337.10	1.338	Level 3, ES, SF
9,900.00	7,301.31	17,573.34	7,198.00	55.14	312.44	65.40	-1,222.68	3,573.84	462.41	130.50	331.91	1.393	Level 3
10,000.00	7,300.85	17,573.34	7,198.00	56.70	312.44	65.40	-1,222.68	3,573.84	494.15	179.93	314.22	1.573	
10,100.00	7,300.39	17,573.34	7,198.00	58.26	312.44	65.40	-1,222.68	3,573.84	542.71	252.90	289.82	1.873	
10,200.00	7,299.93	17,573.34	7,198.00	59.83	312.44	65.40	-1,222.68	3,573.84	604.06	340.00	264.07	2.288	
10,300.00	7,299.47	17,573.34	7,198.00	61.40	312.44	65.40	-1,222.68	3,573.84	674.72	434.74	239.98	2.812	
10,400.00	7,299.01	17,573.34	7,198.00	62.98	312.44	65.40	-1,222.68	3,573.84	752.07	533.34	218.73	3.438	
10,500.00	7,298.55	17,573.34	7,198.00	64.57	312.44	65.40	-1,222.68	3,573.84	834.24	633.80	200.44	4.162	
10,600.00	7,298.09	17,573.34	7,198.00	66.15	312.44	65.40	-1,222.68	3,573.84	919.95	735.08	184.88	4.976	
10,700.00	7,297.63	17,573.34	7,198.00	67.75	312.44	65.40	-1,222.68	3,573.84	1,008.30	836.66	171.64	5.875	
10,800.00	7,297.17	17,573.34	7,198.00	69.34	312.44	65.40	-1,222.68	3,573.84	1,098.65	938.30	160.35	6.852	
10,900.00	7,296.71	17,573.34	7,198.00	70.94	312.44	65.40	-1,222.68	3,573.84	1,190.54	1,039.87	150.67	7.902	
11,000.00	7,296.25	17,573.34	7,198.00	72.55	312.44	65.40	-1,222.68	3,573.84	1,283.64	1,141.32	142.32	9.019	
11,100.00	7,295.79	17,573.34	7,198.00	74.15	312.44	65.40	-1,222.68	3,573.84	1,377.71	1,242.64	135.08	10.199	
11,200.00	7,295.33	17,573.34	7,198.00	75.76	312.44	65.40	-1,222.68	3,573.84	1,472.57	1,343.81	128.76	11.437	
11,300.00	7,294.87	17,573.34	7,198.00	77.37	312.44	65.40	-1,222.68	3,573.84	1,568.06	1,444.85	123.20	12.727	
11,400.00	7,294.41	17,573.34	7,198.00	78.99	312.44	65.40	-1,222.68	3,573.84	1,664.08	1,545.78	118.30	14.066	
11,500.00	7,293.95	17,573.34	7,198.00	80.60	312.44	65.40	-1,222.68	3,573.84	1,760.54	1,646.59	113.96	15.449	
11,600.00	7,293.49	17,573.34	7,198.00	82.22	312.44	65.40	-1,222.68	3,573.84	1,857.38	1,747.30	110.08	16.873	
11,700.00	7,293.03	17,573.34	7,198.00	83.84	312.44	65.40	-1,222.68	3,573.84	1,954.54	1,847.93	106.61	18.334	
11,800.00	7,292.57	17,573.34	7,198.00	85.47	312.44	65.40	-1,222.68	3,573.84	2,051.97	1,948.48	103.49	19.828	
11,900.00	7,292.11	17,573.34	7,198.00	87.09	312.44	65.40	-1,222.68	3,573.84	2,149.64	2,048.96	100.68	21.352	
12,000.00	7,291.65	17,573.34	7,198.00	88.72	312.44	65.40	-1,222.68	3,573.84	2,247.51	2,149.38	98.13	22.904	
12,100.00	7,291.19	17,573.34	7,198.00	90.34	312.44	65.40	-1,222.68	3,573.84	2,345.56	2,249.75	95.81	24.480	
12,200.00	7,290.73	17,573.34	7,198.00	91.97	312.44	65.40	-1,222.68	3,573.84	2,443.77	2,350.06	93.71	26.079	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys													Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,800.00	7,310.97	7,184.27	6,654.05	26.27	57.68	37.52	-1,304.10	3,909.58	2,472.03	2,395.74	76.30	32.401		
7,900.00	7,310.51	7,188.29	6,657.70	27.29	57.72	37.61	-1,303.01	3,910.86	2,377.75	2,301.39	76.35	31.141		
8,000.00	7,310.05	7,192.60	6,661.60	28.38	57.75	37.72	-1,301.84	3,912.27	2,283.89	2,207.46	76.43	29.884		
8,100.00	7,309.59	7,235.00	6,699.03	29.52	58.13	38.78	-1,290.71	3,928.74	2,192.83	2,115.86	76.96	28.491		
8,200.00	7,309.13	7,235.00	6,699.03	30.72	58.13	38.78	-1,290.71	3,928.74	2,099.42	2,022.40	77.01	27.260		
8,300.00	7,308.67	7,235.00	6,699.03	31.97	58.13	38.78	-1,290.71	3,928.74	2,006.64	1,929.57	77.08	26.035		
8,400.00	7,308.21	7,235.00	6,699.03	33.25	58.13	38.78	-1,290.71	3,928.74	1,914.59	1,837.44	77.15	24.816		
8,500.00	7,307.75	7,235.00	6,699.03	34.57	58.13	38.78	-1,290.71	3,928.74	1,823.38	1,746.14	77.24	23.607		
8,600.00	7,307.29	7,235.00	6,699.03	35.92	58.13	38.78	-1,290.71	3,928.74	1,733.14	1,655.80	77.35	22.408		
8,700.00	7,306.83	7,235.00	6,699.03	37.30	58.13	38.78	-1,290.71	3,928.74	1,644.03	1,566.56	77.47	21.221		
8,800.00	7,306.37	7,235.00	6,699.03	38.70	58.13	38.78	-1,290.71	3,928.74	1,556.25	1,478.63	77.62	20.051		
8,900.00	7,305.91	7,235.00	6,699.03	40.12	58.13	38.78	-1,290.71	3,928.74	1,470.02	1,392.24	77.78	18.900		
9,000.00	7,305.45	7,271.83	6,730.14	41.56	58.52	39.74	-1,281.50	3,946.16	1,383.96	1,305.33	78.63	17.602		
9,100.00	7,304.99	7,286.97	6,742.59	43.02	58.68	40.15	-1,277.80	3,953.94	1,300.07	1,220.92	79.15	16.426		
9,200.00	7,304.53	7,329.00	6,776.00	44.50	59.13	41.32	-1,267.81	3,977.38	1,218.76	1,138.53	80.23	15.191		
9,300.00	7,304.07	7,329.00	6,776.00	45.99	59.13	41.32	-1,267.81	3,977.38	1,137.88	1,057.29	80.59	14.120		
9,400.00	7,303.61	7,350.67	6,792.59	47.49	59.40	41.92	-1,262.63	3,990.33	1,059.88	978.43	81.45	13.012		
9,500.00	7,303.15	7,387.08	6,819.62	49.00	59.86	42.92	-1,253.30	4,012.86	983.84	901.12	82.73	11.893		
9,600.00	7,302.69	7,423.00	6,845.22	50.52	60.31	43.86	-1,243.32	4,035.99	909.83	825.76	84.07	10.823		
9,700.00	7,302.23	7,454.22	6,866.37	52.06	60.76	44.65	-1,234.32	4,057.11	838.60	753.20	85.40	9.819		
9,800.00	7,301.77	7,486.26	6,886.76	53.60	61.22	45.42	-1,225.11	4,080.03	771.05	684.26	86.79	8.884		
9,900.00	7,301.31	7,518.00	6,905.59	55.14	61.69	46.16	-1,216.03	4,103.92	707.71	619.58	88.13	8.031		
10,000.00	7,300.85	7,573.78	6,936.03	56.70	62.58	47.36	-1,200.02	4,147.82	648.28	557.94	90.34	7.176		
10,100.00	7,300.39	7,627.37	6,962.64	58.26	63.46	48.44	-1,184.57	4,191.69	592.69	500.24	92.45	6.411		
10,200.00	7,299.93	7,681.92	6,988.09	59.83	64.36	49.64	-1,170.44	4,237.81	541.63	446.99	94.64	5.723		
10,300.00	7,299.47	7,707.00	6,999.34	61.40	64.78	50.26	-1,164.68	4,259.47	497.39	402.60	94.79	5.247		
10,400.00	7,299.01	7,763.19	7,020.42	62.98	65.68	51.59	-1,154.85	4,310.54	461.36	364.99	96.37	4.787		
10,500.00	7,298.55	7,801.00	7,030.10	64.57	66.30	52.32	-1,151.18	4,346.88	438.09	342.69	95.41	4.592		
10,600.00	7,298.09	7,879.24	7,043.90	66.15	67.52	53.55	-1,147.26	4,423.78	423.58	325.77	97.80	4.331		
10,700.00	7,297.63	7,954.29	7,052.71	67.75	68.75	54.47	-1,145.68	4,498.28	415.02	315.57	99.45	4.173		
10,800.00	7,297.17	8,043.29	7,058.70	69.34	70.23	55.25	-1,145.96	4,587.08	411.41	308.94	102.47	4.015		
10,900.00	7,296.71	8,140.52	7,064.14	70.94	71.94	56.00	-1,146.49	4,684.15	408.80	302.33	106.48	3.839		
11,000.00	7,296.25	8,235.94	7,068.54	72.55	73.71	56.67	-1,147.35	4,779.47	407.11	296.81	110.29	3.691		
11,100.00	7,295.79	8,332.53	7,072.23	74.15	75.59	57.31	-1,148.97	4,875.97	406.55	292.23	114.32	3.556		
11,132.47	7,295.64	8,364.21	7,073.22	74.67	76.23	57.50	-1,149.52	4,907.63	406.52	290.86	115.66	3.515 CC		
11,200.00	7,295.33	8,429.41	7,074.87	75.76	77.57	57.84	-1,150.69	4,972.80	406.72	288.37	118.35	3.437		
11,300.00	7,294.87	8,528.41	7,076.65	77.37	79.68	58.28	-1,152.57	5,071.77	407.51	284.88	122.63	3.323		
11,400.00	7,294.41	8,625.40	7,078.24	78.99	81.83	58.71	-1,154.67	5,168.72	408.64	281.92	126.72	3.225		
11,500.00	7,293.95	8,722.79	7,079.66	80.60	84.05	59.18	-1,157.58	5,266.06	410.58	279.62	130.96	3.135		
11,600.00	7,293.49	8,821.91	7,081.03	82.22	86.39	59.66	-1,160.95	5,365.10	412.96	277.45	135.51	3.047		
11,700.00	7,293.03	8,917.16	7,081.66	83.84	88.70	60.06	-1,164.41	5,460.30	415.92	276.42	139.51	2.981		
11,800.00	7,292.57	9,014.08	7,081.67	85.47	91.10	60.44	-1,168.71	5,557.12	419.92	276.18	143.75	2.921		
11,900.00	7,292.11	9,111.23	7,081.53	87.09	93.57	60.83	-1,173.64	5,654.14	424.58	276.49	148.09	2.867		
12,000.00	7,291.65	9,217.74	7,081.16	88.72	96.34	61.19	-1,178.50	5,760.54	428.91	275.23	153.68	2.791		
12,100.00	7,291.19	9,326.38	7,080.79	90.34	99.27	61.39	-1,180.90	5,869.15	431.16	271.82	159.34	2.706		
12,200.00	7,290.73	9,424.34	7,080.54	91.97	101.97	61.53	-1,182.33	5,967.09	432.74	269.14	163.60	2.645		
12,300.00	7,290.27	9,519.07	7,079.79	93.61	104.63	61.66	-1,184.50	6,061.80	435.30	267.84	167.46	2.599		
12,400.00	7,289.81	9,615.81	7,078.19	95.24	107.36	61.72	-1,187.28	6,158.49	438.79	267.27	171.51	2.558		
12,500.00	7,289.35	9,713.15	7,076.43	96.87	110.15	61.82	-1,190.78	6,255.75	442.97	267.28	175.69	2.521		
12,600.00	7,288.89	9,814.08	7,074.54	98.51	113.07	61.92	-1,194.70	6,356.58	447.45	267.08	180.38	2.481		
12,700.00	7,288.43	9,923.05	7,072.45	100.15	116.27	61.94	-1,197.54	6,465.50	450.84	264.88	185.96	2.424		
12,800.00	7,287.97	10,032.40	7,070.35	101.78	119.55	61.78	-1,197.42	6,574.82	451.81	260.55	191.26	2.362		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys												Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,900.00	7,287.51	10,136.69	7,068.90	103.42	122.71	61.61	-1,195.94	6,679.09	451.39	255.48	195.91	2.304	
13,000.00	7,287.05	10,236.62	7,068.95	105.06	125.77	61.63	-1,194.75	6,779.01	450.49	250.14	200.35	2.248	
13,100.00	7,286.59	10,333.78	7,068.90	106.70	128.77	61.65	-1,193.95	6,876.17	449.96	245.45	204.51	2.200	
13,129.47	7,286.45	10,362.45	7,068.86	107.19	129.66	61.66	-1,193.85	6,904.84	449.94	244.19	205.75	2.187	
13,200.00	7,286.13	10,431.50	7,068.86	108.34	131.80	61.71	-1,193.84	6,973.89	450.05	241.25	208.81	2.155	
13,300.00	7,285.67	10,529.58	7,068.82	109.99	134.85	61.81	-1,194.24	7,071.97	450.60	237.40	213.20	2.113	
13,400.00	7,285.21	10,624.32	7,068.49	111.63	137.81	61.91	-1,195.28	7,166.70	451.91	234.69	217.21	2.080	
13,500.00	7,284.75	10,719.29	7,068.16	113.28	140.78	62.08	-1,197.59	7,261.64	454.39	233.02	221.37	2.053	
13,600.00	7,284.29	10,816.82	7,067.82	114.92	143.83	62.31	-1,200.87	7,359.12	457.70	231.75	225.95	2.026	
13,700.00	7,283.83	10,925.17	7,067.64	116.57	147.25	62.55	-1,203.89	7,467.42	460.44	228.53	231.91	1.985	
13,800.00	7,283.37	11,039.40	7,067.62	118.21	150.89	62.64	-1,203.95	7,581.64	460.68	222.51	238.17	1.934	
13,900.00	7,282.91	11,145.94	7,067.34	119.86	154.31	62.49	-1,200.49	7,688.13	458.06	214.99	243.07	1.884	
14,000.00	7,282.45	11,240.57	7,067.19	121.51	157.37	62.39	-1,197.83	7,782.72	455.83	208.97	246.86	1.846	
14,100.00	7,281.99	11,336.10	7,067.27	123.16	160.46	62.40	-1,196.60	7,878.24	454.82	203.90	250.93	1.813	
14,200.00	7,281.53	11,434.05	7,067.13	124.81	163.64	62.42	-1,195.90	7,976.19	454.43	199.17	255.26	1.780	
14,242.81	7,281.33	11,476.07	7,067.00	125.52	165.00	62.43	-1,195.71	8,018.21	454.40	197.27	257.13	1.767	
14,300.00	7,281.07	11,532.05	7,066.85	126.46	166.82	62.45	-1,195.60	8,074.18	454.47	194.85	259.62	1.751	
14,400.00	7,280.61	11,632.56	7,066.79	128.11	170.08	62.53	-1,195.75	8,174.69	454.81	190.45	264.37	1.720	
14,500.00	7,280.15	11,737.03	7,066.70	129.76	173.48	62.56	-1,195.18	8,279.16	454.55	185.08	269.47	1.687	
14,600.00	7,279.69	11,840.40	7,066.71	131.41	176.86	62.55	-1,193.51	8,382.52	453.28	178.96	274.32	1.652	
14,695.73	7,279.25	11,929.01	7,066.50	133.00	179.77	62.52	-1,192.20	8,471.11	452.33	174.49	277.84	1.628	
14,700.00	7,279.23	11,932.85	7,066.50	133.07	179.89	62.52	-1,192.20	8,474.96	452.33	174.34	277.99	1.627	
14,800.00	7,278.77	12,019.42	7,066.41	134.72	182.72	62.65	-1,193.41	8,561.52	453.81	172.64	281.18	1.614	
14,900.00	7,278.31	12,109.84	7,066.14	136.37	185.67	62.92	-1,197.48	8,651.84	458.12	173.09	285.03	1.607	
15,000.00	7,277.85	12,206.18	7,065.90	138.03	188.80	63.29	-1,203.27	8,748.00	463.78	173.89	289.89	1.600	
15,100.00	7,277.39	12,311.62	7,065.46	139.68	192.23	63.66	-1,209.39	8,853.26	469.36	173.31	296.05	1.585	
15,200.00	7,276.93	12,418.69	7,065.26	141.33	195.74	63.95	-1,213.75	8,960.25	473.28	171.07	302.21	1.566	
15,300.00	7,276.47	12,528.00	7,065.26	142.99	199.34	64.16	-1,216.26	9,069.52	475.55	167.15	308.40	1.542	
15,400.00	7,276.01	12,630.90	7,065.22	144.65	202.75	64.27	-1,217.05	9,172.42	476.45	162.86	313.59	1.519	
15,500.00	7,275.55	12,728.01	7,065.05	146.30	205.97	64.36	-1,217.72	9,269.53	477.35	159.27	318.08	1.501	
15,600.00	7,275.09	12,822.79	7,064.78	147.96	209.11	64.48	-1,219.31	9,364.29	479.19	156.82	322.37	1.486 Level 3	
15,700.00	7,274.63	12,920.10	7,064.44	149.61	212.34	64.64	-1,221.80	9,461.57	481.84	154.79	327.05	1.473 Level 3	
15,800.00	7,274.17	13,018.01	7,064.09	151.27	215.58	64.82	-1,224.67	9,559.44	484.86	153.01	331.85	1.461 Level 3	
15,900.00	7,273.71	13,115.07	7,063.76	152.93	218.80	65.05	-1,228.45	9,656.42	488.73	152.09	336.64	1.452 Level 3	
16,000.00	7,273.25	13,222.62	7,063.53	154.59	222.38	65.26	-1,231.76	9,763.93	491.82	149.08	342.73	1.435 Level 3	
16,100.00	7,272.79	13,328.48	7,063.36	156.24	225.91	65.40	-1,233.49	9,869.77	493.58	145.19	348.39	1.417 Level 3	
16,200.00	7,272.33	13,436.59	7,063.28	157.90	229.52	65.48	-1,233.75	9,977.88	494.04	139.96	354.08	1.395 Level 3	
16,300.00	7,271.87	13,544.61	7,062.92	159.56	233.14	65.42	-1,231.75	10,085.88	492.70	133.36	359.34	1.371 Level 3	
16,400.00	7,271.41	13,640.52	7,062.64	161.22	236.36	65.34	-1,229.41	10,181.75	490.82	127.37	363.45	1.350 Level 3	
16,500.00	7,270.95	13,734.61	7,062.42	162.88	239.52	65.34	-1,228.42	10,275.83	490.18	122.65	367.52	1.334 Level 3	
16,504.74	7,270.93	13,739.07	7,062.40	162.96	239.67	65.34	-1,228.40	10,280.30	490.17	122.45	367.72	1.333 Level 3	
16,600.00	7,270.49	13,830.54	7,062.14	164.54	242.74	65.38	-1,228.49	10,371.77	490.57	118.70	371.87	1.319 Level 3	
16,700.00	7,270.03	13,927.30	7,061.85	166.20	245.99	65.46	-1,229.31	10,468.53	491.68	115.29	376.38	1.306 Level 3	
16,800.00	7,269.57	14,028.17	7,061.46	167.86	249.38	65.54	-1,230.46	10,569.39	493.08	111.71	381.37	1.293 Level 3	
16,900.00	7,269.11	14,138.89	7,061.17	169.52	253.10	65.58	-1,230.37	10,680.10	493.34	106.08	387.25	1.274 Level 3	
17,000.00	7,268.65	14,248.67	7,060.79	171.18	256.80	65.48	-1,227.43	10,789.84	491.24	98.74	392.50	1.252 Level 3	
17,100.00	7,268.19	14,348.44	7,060.44	172.84	260.16	65.33	-1,223.73	10,889.54	488.22	91.47	396.75	1.231 Level 2	
17,200.00	7,267.73	14,442.66	7,060.11	174.50	263.34	65.22	-1,220.92	10,983.71	485.87	85.23	400.64	1.213 Level 2	
17,300.00	7,267.27	14,536.65	7,059.79	176.16	266.52	65.19	-1,219.63	11,077.70	484.97	80.31	404.65	1.198 Level 2	
17,400.00	7,266.81	14,635.13	7,059.46	177.82	269.84	65.19	-1,218.82	11,176.17	484.57	75.42	409.15	1.184 Level 2	
17,413.76	7,266.75	14,648.25	7,059.43	178.05	270.28	65.19	-1,218.77	11,189.29	484.56	74.82	409.74	1.183 Level 2	
17,500.00	7,266.35	14,730.58	7,059.38	179.48	273.06	65.25	-1,218.92	11,271.62	484.92	71.39	413.52	1.173 Level 2	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys										Offset Site Error:	0.00 usft
Survey Program:		25-SRC Energy_ISCWSA REV 2 MWD										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
17,600.00	7,265.89	14,830.85	7,059.24	181.14	276.45	65.35	-1,219.83	11,371.89	486.00	67.49	418.51	1.161	Level 2
17,700.00	7,265.43	14,940.83	7,059.07	182.81	280.16	65.38	-1,219.23	11,481.86	485.79	61.51	424.27	1.145	Level 2
17,800.00	7,264.97	15,049.32	7,058.69	184.47	283.83	65.26	-1,216.08	11,590.30	483.50	54.19	429.31	1.126	Level 2
17,893.49	7,264.54	15,143.99	7,057.18	186.02	287.03	64.95	-1,211.70	11,684.86	480.39	47.55	432.84	1.110	Level 2, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr		Offset Site Error:		0.00 usft	
Survey Program:		100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning			
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					
7,900.00	7,310.51	7,200.00	6,757.49	27.29	56.32	56.78	-1,617.96	3,964.60	2,483.82	2,408.09	75.73	32.799					
8,000.00	7,310.05	7,200.00	6,757.49	28.38	56.32	56.78	-1,617.96	3,964.60	2,391.98	2,316.12	75.86	31.530					
8,100.00	7,309.59	7,200.00	6,757.49	29.52	56.32	56.78	-1,617.96	3,964.60	2,300.83	2,224.80	76.04	30.260					
8,200.00	7,309.13	7,200.00	6,757.49	30.72	56.32	56.78	-1,617.96	3,964.60	2,210.45	2,134.20	76.25	28.991					
8,300.00	7,308.67	7,200.00	6,757.49	31.97	56.32	56.78	-1,617.96	3,964.60	2,120.92	2,044.42	76.50	27.724					
8,400.00	7,308.21	7,200.00	6,757.49	33.25	56.32	56.78	-1,617.96	3,964.60	2,032.38	1,955.56	76.81	26.459					
8,500.00	7,307.75	7,200.00	6,757.49	34.57	56.32	56.78	-1,617.96	3,964.60	1,944.94	1,867.76	77.18	25.200					
8,600.00	7,307.29	7,200.00	6,757.49	35.92	56.32	56.78	-1,617.96	3,964.60	1,858.77	1,781.15	77.62	23.948					
8,700.00	7,306.83	7,239.00	6,790.91	37.30	56.76	58.09	-1,605.80	3,980.61	1,772.37	1,693.70	78.66	22.531					
8,800.00	7,306.37	7,250.63	6,800.66	38.70	56.89	58.49	-1,602.26	3,985.85	1,688.15	1,608.72	79.43	21.253					
8,900.00	7,305.91	7,263.25	6,811.13	40.12	57.04	58.92	-1,598.45	3,991.78	1,605.39	1,525.08	80.31	19.991					
9,000.00	7,305.45	7,300.00	6,840.90	41.56	57.46	60.21	-1,587.64	4,010.41	1,524.89	1,443.28	81.62	18.684					
9,100.00	7,304.99	7,300.00	6,840.90	43.02	57.46	60.21	-1,587.64	4,010.41	1,445.14	1,362.59	82.55	17.507					
9,200.00	7,304.53	7,300.00	6,840.90	44.50	57.46	60.21	-1,587.64	4,010.41	1,368.05	1,284.47	83.57	16.369					
9,300.00	7,304.07	7,300.00	6,840.90	45.99	57.46	60.21	-1,587.64	4,010.41	1,294.09	1,209.41	84.69	15.281					
9,400.00	7,303.61	7,346.11	6,876.57	47.49	58.05	61.84	-1,574.70	4,036.59	1,221.34	1,134.60	86.74	14.081					
9,500.00	7,303.15	7,367.89	6,892.71	49.00	58.33	62.61	-1,568.86	4,050.00	1,152.51	1,064.04	88.47	13.027					
9,600.00	7,302.69	7,400.00	6,915.60	50.52	58.75	63.75	-1,560.57	4,070.93	1,087.28	996.78	90.50	12.014					
9,700.00	7,302.23	7,400.00	6,915.60	52.06	58.75	63.75	-1,560.57	4,070.93	1,026.28	934.40	91.88	11.169					
9,800.00	7,301.77	7,447.88	6,947.59	53.60	59.42	65.43	-1,549.01	4,104.59	968.97	874.50	94.48	10.256					
9,900.00	7,301.31	7,500.00	6,979.31	55.14	60.16	67.20	-1,537.58	4,144.33	917.47	820.25	97.22	9.437					
10,000.00	7,300.85	7,500.00	6,979.31	56.70	60.16	67.20	-1,537.58	4,144.33	870.74	772.44	98.30	8.858					
10,100.00	7,300.39	7,555.78	7,009.34	58.26	61.00	68.97	-1,526.79	4,190.05	829.61	728.49	101.12	8.204					
10,200.00	7,299.93	7,600.00	7,030.09	59.83	61.68	70.26	-1,519.36	4,228.37	794.92	691.60	103.32	7.694					
10,300.00	7,299.47	7,646.12	7,048.72	61.40	62.42	71.46	-1,512.72	4,270.02	766.52	661.13	105.40	7.273					
10,400.00	7,299.01	7,700.00	7,066.42	62.98	63.29	72.64	-1,506.46	4,320.50	744.48	636.96	107.53	6.924					
10,500.00	7,298.55	7,750.45	7,078.88	64.57	64.12	73.50	-1,502.11	4,369.17	728.70	619.52	109.17	6.675					
10,600.00	7,298.09	7,800.00	7,087.17	66.15	64.95	74.10	-1,499.28	4,417.93	719.11	608.80	110.31	6.519					
10,700.00	7,297.63	7,864.05	7,091.98	67.75	66.02	74.46	-1,497.80	4,481.75	715.41	603.38	112.03	6.386					
10,718.69	7,297.54	7,877.81	7,092.13	68.04	66.25	74.48	-1,497.80	4,495.51	715.39	602.96	112.43	6.363 CC					
10,800.00	7,297.17	7,954.02	7,092.13	69.34	67.55	74.52	-1,498.12	4,571.72	715.95	600.61	115.35	6.207					
10,900.00	7,296.71	8,054.02	7,092.13	70.94	69.36	74.58	-1,498.55	4,671.72	716.67	597.22	119.45	6.000					
11,000.00	7,296.25	8,154.01	7,092.13	72.55	71.27	74.63	-1,498.97	4,771.71	717.38	593.73	123.65	5.802					
11,100.00	7,295.79	8,254.01	7,092.13	74.15	73.29	74.68	-1,499.40	4,871.70	718.09	590.17	127.93	5.613					
11,200.00	7,295.33	8,354.00	7,092.13	75.76	75.41	74.74	-1,499.82	4,971.70	718.81	586.53	132.28	5.434					
11,300.00	7,294.87	8,454.00	7,092.13	77.37	77.62	74.79	-1,500.24	5,071.69	719.52	582.83	136.69	5.264					
11,400.00	7,294.41	8,553.99	7,092.13	78.99	79.92	74.84	-1,500.67	5,171.69	720.24	579.07	141.16	5.102					
11,500.00	7,293.95	8,653.99	7,092.13	80.60	82.30	74.90	-1,501.09	5,271.68	720.95	575.27	145.68	4.949					
11,600.00	7,293.49	8,753.98	7,092.13	82.22	84.76	74.95	-1,501.52	5,371.68	721.67	571.43	150.24	4.803					
11,700.00	7,293.03	8,853.98	7,092.13	83.84	87.29	75.00	-1,501.94	5,471.67	722.39	567.55	154.84	4.665					
11,800.00	7,292.57	8,953.97	7,092.13	85.47	89.89	75.06	-1,502.37	5,571.66	723.11	563.64	159.47	4.535					
11,900.00	7,292.11	9,053.97	7,092.13	87.09	92.55	75.11	-1,502.79	5,671.66	723.83	559.70	164.12	4.410					
12,000.00	7,291.65	9,153.96	7,092.13	88.72	95.26	75.16	-1,503.22	5,771.65	724.55	555.74	168.81	4.292					
12,100.00	7,291.19	9,253.96	7,092.13	90.34	98.02	75.21	-1,503.64	5,871.65	725.27	551.75	173.52	4.180					
12,200.00	7,290.73	9,353.95	7,092.13	91.97	100.83	75.27	-1,504.07	5,971.64	725.99	547.74	178.25	4.073					
12,300.00	7,290.27	9,453.95	7,092.13	93.61	103.68	75.32	-1,504.49	6,071.64	726.71	543.71	183.00	3.971					
12,400.00	7,289.81	9,553.94	7,092.13	95.24	106.57	75.37	-1,504.92	6,171.63	727.43	539.66	187.77	3.874					
12,500.00	7,289.35	9,653.94	7,092.13	96.87	109.50	75.42	-1,505.34	6,271.62	728.15	535.60	192.56	3.782					
12,600.00	7,288.89	9,753.93	7,092.13	98.51	112.46	75.48	-1,505.77	6,371.62	728.88	531.52	197.36	3.693					
12,700.00	7,288.43	9,853.93	7,092.13	100.15	115.44	75.53	-1,506.19	6,471.61	729.60	527.43	202.17	3.609					
12,800.00	7,287.97	9,953.92	7,092.13	101.78	118.46	75.58	-1,506.62	6,571.61	730.32	523.33	207.00	3.528					
12,900.00	7,287.51	10,053.92	7,092.13	103.42	121.50	75.63	-1,507.04	6,671.60	731.05	519.21	211.84	3.451					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	7,287.05	10,153.92	7,092.13	105.06	124.57	75.68	-1,507.47	6,771.60	731.77	515.09	216.69	3.377		
13,100.00	7,286.59	10,253.91	7,092.13	106.70	127.65	75.74	-1,507.89	6,871.59	732.50	510.95	221.55	3.306		
13,200.00	7,286.13	10,353.91	7,092.13	108.34	130.76	75.79	-1,508.31	6,971.58	733.23	506.81	226.42	3.238		
13,300.00	7,285.67	10,453.90	7,092.13	109.99	133.88	75.84	-1,508.74	7,071.58	733.95	502.66	231.30	3.173		
13,400.00	7,285.21	10,553.90	7,092.13	111.63	137.02	75.89	-1,509.16	7,171.57	734.68	498.50	236.18	3.111		
13,500.00	7,284.75	10,653.89	7,092.13	113.28	140.18	75.94	-1,509.59	7,271.57	735.41	494.33	241.08	3.050		
13,600.00	7,284.29	10,753.89	7,092.13	114.92	143.35	75.99	-1,510.01	7,371.56	736.14	490.16	245.98	2.993		
13,700.00	7,283.83	10,853.88	7,092.13	116.57	146.54	76.04	-1,510.44	7,471.56	736.87	485.98	250.89	2.937		
13,800.00	7,283.37	10,953.88	7,092.13	118.21	149.74	76.09	-1,510.86	7,571.55	737.60	481.79	255.81	2.883		
13,900.00	7,282.91	11,053.87	7,092.13	119.86	152.95	76.14	-1,511.29	7,671.54	738.33	477.60	260.73	2.832		
14,000.00	7,282.45	11,153.87	7,092.13	121.51	156.17	76.20	-1,511.71	7,771.54	739.06	473.40	265.66	2.782		
14,100.00	7,281.99	11,253.86	7,092.13	123.16	159.40	76.25	-1,512.14	7,871.53	739.79	469.20	270.60	2.734		
14,200.00	7,281.53	11,353.86	7,092.13	124.81	162.64	76.30	-1,512.56	7,971.53	740.53	464.99	275.54	2.688		
14,300.00	7,281.07	11,453.85	7,092.13	126.46	165.89	76.35	-1,512.99	8,071.52	741.26	460.78	280.48	2.643		
14,400.00	7,280.61	11,553.85	7,092.13	128.11	169.14	76.40	-1,513.41	8,171.52	741.99	456.56	285.43	2.600		
14,500.00	7,280.15	11,653.84	7,092.13	129.76	172.41	76.45	-1,513.84	8,271.51	742.73	452.34	290.39	2.558		
14,600.00	7,279.69	11,753.84	7,092.13	131.41	175.68	76.50	-1,514.26	8,371.50	743.46	448.11	295.35	2.517		
14,700.00	7,279.23	11,853.83	7,092.13	133.07	178.96	76.55	-1,514.69	8,471.50	744.20	443.88	300.31	2.478		
14,800.00	7,278.77	11,953.83	7,092.13	134.72	182.25	76.60	-1,515.11	8,571.49	744.93	439.65	305.28	2.440		
14,900.00	7,278.31	12,053.82	7,092.13	136.37	185.54	76.65	-1,515.54	8,671.49	745.67	435.41	310.26	2.403		
15,000.00	7,277.85	12,153.82	7,092.13	138.03	188.84	76.70	-1,515.96	8,771.48	746.41	431.17	315.23	2.368		
15,100.00	7,277.39	12,253.81	7,092.13	139.68	192.14	76.75	-1,516.39	8,871.48	747.14	426.93	320.22	2.333		
15,200.00	7,276.93	12,353.81	7,092.13	141.33	195.45	76.80	-1,516.81	8,971.47	747.88	422.68	325.20	2.300		
15,300.00	7,276.47	12,453.80	7,092.13	142.99	198.76	76.85	-1,517.23	9,071.46	748.62	418.43	330.19	2.267		
15,400.00	7,276.01	12,553.80	7,092.13	144.65	202.08	76.89	-1,517.66	9,171.46	749.36	414.18	335.18	2.236		
15,500.00	7,275.55	12,653.80	7,092.13	146.30	205.41	76.94	-1,518.08	9,271.45	750.10	409.92	340.18	2.205		
15,600.00	7,275.09	12,753.79	7,092.13	147.96	208.73	76.99	-1,518.51	9,371.45	750.84	405.67	345.17	2.175		
15,700.00	7,274.63	12,853.79	7,092.13	149.61	212.06	77.04	-1,518.93	9,471.44	751.58	401.41	350.17	2.146		
15,800.00	7,274.17	12,953.78	7,092.13	151.27	215.40	77.09	-1,519.36	9,571.44	752.32	397.14	355.18	2.118		
15,900.00	7,273.71	13,053.78	7,092.13	152.93	218.74	77.14	-1,519.78	9,671.43	753.06	392.88	360.19	2.091		
16,000.00	7,273.25	13,153.77	7,092.13	154.59	222.08	77.19	-1,520.21	9,771.42	753.81	388.61	365.20	2.064		
16,100.00	7,272.79	13,253.77	7,092.13	156.24	225.42	77.24	-1,520.63	9,871.42	754.55	384.34	370.21	2.038		
16,200.00	7,272.33	13,353.76	7,092.13	157.90	228.77	77.29	-1,521.06	9,971.41	755.29	380.07	375.23	2.013		
16,300.00	7,271.87	13,453.76	7,092.13	159.56	232.12	77.33	-1,521.48	10,071.41	756.04	375.79	380.24	1.988		
16,400.00	7,271.41	13,553.75	7,092.13	161.22	235.48	77.38	-1,521.91	10,171.40	756.78	371.52	385.27	1.964		
16,500.00	7,270.95	13,653.75	7,092.13	162.88	238.83	77.43	-1,522.33	10,271.40	757.53	367.24	390.29	1.941		
16,600.00	7,270.49	13,753.74	7,092.13	164.54	242.19	77.48	-1,522.76	10,371.39	758.27	362.96	395.32	1.918		
16,700.00	7,270.03	13,853.74	7,092.13	166.20	245.55	77.53	-1,523.18	10,471.38	759.02	358.68	400.34	1.896		
16,800.00	7,269.57	13,953.73	7,092.13	167.86	248.92	77.58	-1,523.61	10,571.38	759.77	354.39	405.37	1.874		
16,900.00	7,269.11	14,053.73	7,092.13	169.52	252.29	77.62	-1,524.03	10,671.37	760.51	350.11	410.41	1.853		
17,000.00	7,268.65	14,153.72	7,092.13	171.18	255.65	77.67	-1,524.46	10,771.37	761.26	345.82	415.44	1.832		
17,100.00	7,268.19	14,253.72	7,092.13	172.84	259.02	77.72	-1,524.88	10,871.36	762.01	341.53	420.48	1.812		
17,200.00	7,267.73	14,353.71	7,092.13	174.50	262.40	77.77	-1,525.30	10,971.36	762.76	337.24	425.52	1.793		
17,300.00	7,267.27	14,453.71	7,092.13	176.16	265.77	77.81	-1,525.73	11,071.35	763.51	332.95	430.56	1.773		
17,400.00	7,266.81	14,553.70	7,092.13	177.82	269.15	77.86	-1,526.15	11,171.34	764.26	328.65	435.61	1.754		
17,500.00	7,266.35	14,653.70	7,092.13	179.48	272.52	77.91	-1,526.58	11,271.34	765.01	324.36	440.65	1.736		
17,600.00	7,265.89	14,753.69	7,092.13	181.14	275.90	77.96	-1,527.00	11,371.33	765.76	320.06	445.70	1.718		
17,700.00	7,265.43	14,853.69	7,092.13	182.81	279.29	78.00	-1,527.43	11,471.33	766.51	315.76	450.75	1.701		
17,800.00	7,264.97	14,953.68	7,092.13	184.47	282.67	78.05	-1,527.85	11,571.32	767.26	311.46	455.80	1.683		
17,893.49	7,264.54	15,047.17	7,092.13	186.02	285.83	78.09	-1,528.25	11,664.81	767.97	307.44	460.52	1.668 ES, SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Offset Depths are relative to Offset Datum

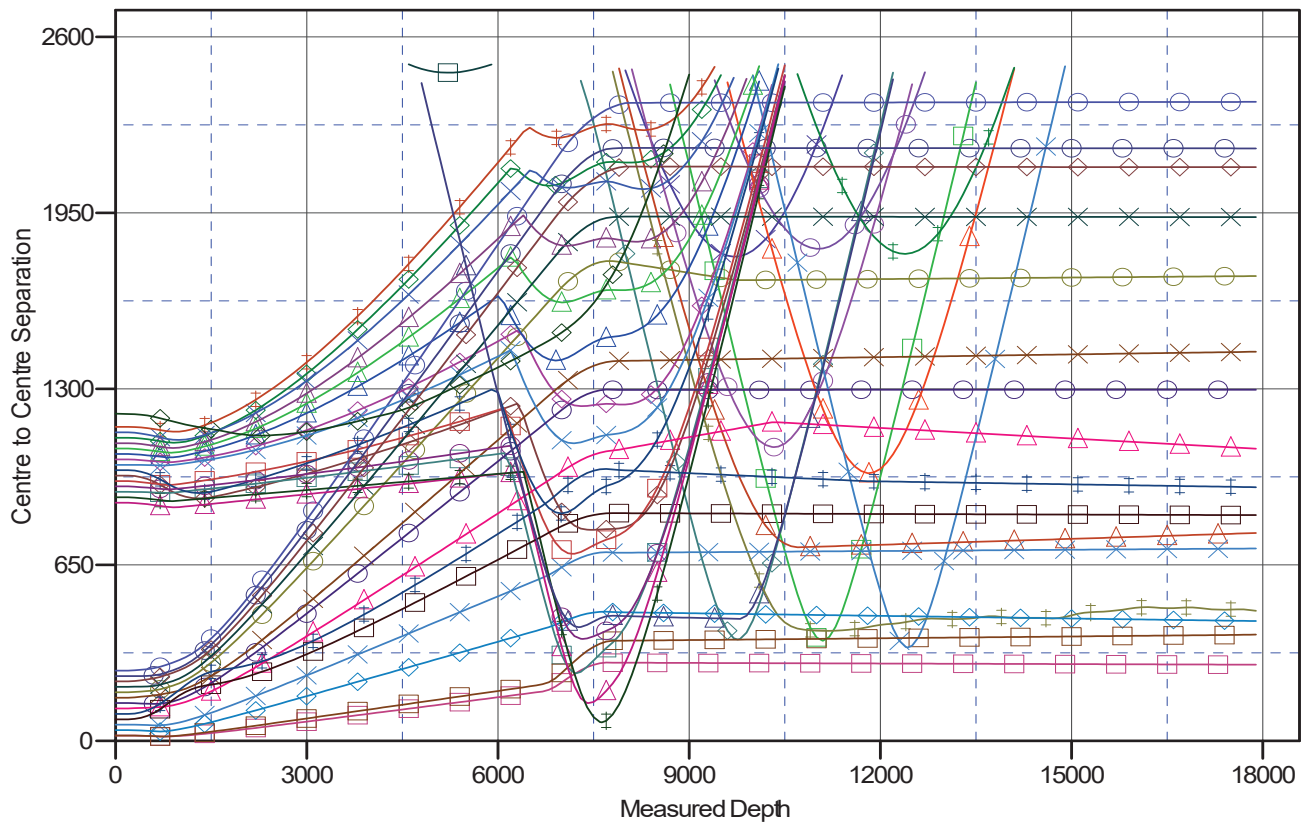
Central Meridian is -105.500000

Coordinates are relative to: VOLT 36C-3-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

Ladder Plot



LEGEND

DUKE-J4-12, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT14NBB-L, Wellbore#1, Design#1 V0	VOLT36NBL, Wellbore#1, Design#1 V0
Duke USX05-16, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT12N6AM, Wellbore#1, Design#1 V0	VOLT11NBB-L, Wellbore#1, Design#1 V0
DUKEUSX05-9, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT12N6BM, Wellbore#1, Design#1 V0	VOLT13N6CM, Wellbore#1, Design#1 V0
DUKE-J4-13, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT11G3-L, Wellbore#1, Design#1 V0	VOLT34N6CM, Wellbore#1, Design#1 V0
DUKE-J4-25, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT13N6BM, Wellbore#1, Design#1 V0	VOLT34Q8-M, Wellbore#1, Design#1 V0
DUKE-J4-11, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT32N6BL, Wellbore#1, Design#1 V0	VOLT23N6AL, Wellbore#1, Design#1 V0
DUKE-J4-33, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT25N6GL, Wellbore#1, Design#1 V0	VOLT14G3-L, Wellbore#1, Design#1 V0
DUKE-J4-14, SROPR Well, Actual VES Survey (Grid to True) V0	VOLT34N6BM, Wellbore#1, Design#1 V0	VOLT25N6AL, Wellbore#1, Design#1 V0
TCMOISERHILL 2-9-11, XOGPR Well, Actual Total Survey V0	VOLT14N6GL, Wellbore#1, Design#1 V0	VOLT25G8-L, Wellbore#1, Design#1 V0
TCMOISERHILL 3-9-11, Extradon PR Well (Plan Only), Planned Extradon Survey V0	VOLT33N6CM, Wellbore#1, Design#1 V0	VOLT32Q8-M, Wellbore#1, Design#1 V0
VOLT36NBL, Wellbore#1, Design#1 V0	VOLT23N6BL, Wellbore#1, Design#1 V0	VOLT12N6CM, Wellbore#1, Design#1 V0
VOLT11N6GL, Wellbore#1, Design#1 V0	VOLT32N6AM, Wellbore#1, Design#1 V0	BOSTFARM6N6BL, Wellbore#1, Design#1 V0
VOLT13Q8-M, Wellbore#1, Design#1 V0	VOLT23N6GL, Wellbore#1, Design#1 V0	WIEEDMAN22-5, Noble Energy PR Well, Actual Corrected Survey (Grid to True) V0
VOLT13Q8-M, Wellbore#1, Design#1 V0	VOLT33N6AM, Wellbore#1, Design#1 V0	PSCJ5411, Noble Energy SW Well, Actual VES Survey (Grid to True) V0

Hewlett-Packard

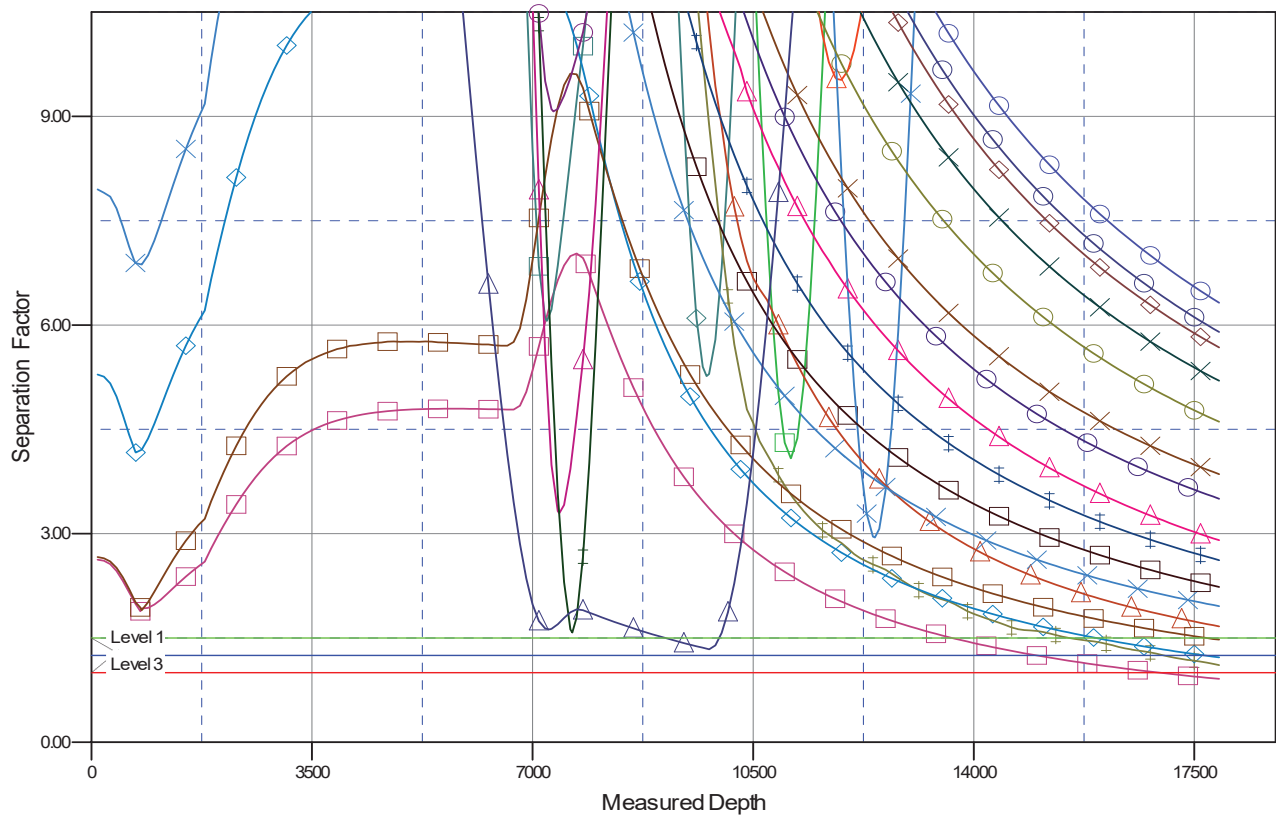
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 36C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 36C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4817.00usft (IKON 12)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000

Coordinates are relative to: VOLT 36C-3-L
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.45°

Separation Factor Plot



LEGEND

DUKE J4-12, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 14N8B-L, Wellbore#1, Design#1 V0	VOLT 36N8-L, Wellbore#1, Design#1 V0
Duke USX05-16, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 12N6A-M, Wellbore#1, Design#1 V0	VOLT 11N8-L, Wellbore#1, Design#1 V0
DUKE USX05-9, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 12N6B-M, Wellbore#1, Design#1 V0	VOLT 13N6C-M, Wellbore#1, Design#1 V0
DUKE J4-13, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 11G3-L, Wellbore#1, Design#1 V0	VOLT 34N6C-M, Wellbore#1, Design#1 V0
DUKE J4-25, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 13N6B-M, Wellbore#1, Design#1 V0	VOLT 34G8-M, Wellbore#1, Design#1 V0
DUKE J4-11, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 32N6B-M, Wellbore#1, Design#1 V0	VOLT 23N6-L, Wellbore#1, Design#1 V0
DUKE J4-33, SRQSWWell, Actual VES Survey (Grid to True) V0	VOLT 22N6C-L, Wellbore#1, Design#1 V0	VOLT 14G3-L, Wellbore#1, Design#1 V0
DUKE J4-14, SRQPRWell, Actual VES Survey (Grid to True) V0	VOLT 34N6B-M, Wellbore#1, Design#1 V0	VOLT 25N8-L, Wellbore#1, Design#1 V0
TOMOSERHILL 2-9-11, XOGPRWell, Actual Total Survey V0	VOLT 14N6C-L, Wellbore#1, Design#1 V0	VOLT 25C3-L, Wellbore#1, Design#1 V0
TOMOSERHILL 3-9-11, Etadon PRWell (Plan Only, Planned Etadon Survey) V0	VOLT 33N6C-M, Wellbore#1, Design#1 V0	VOLT 32C8-M, Wellbore#1, Design#1 V0
VOLT 36N8-L, Wellbore#1, Design#1 V0	VOLT 23N6B-L, Wellbore#1, Design#1 V0	VOLT 12N6C-M, Wellbore#1, Design#1 V0
VOLT 11N8C-L, Wellbore#1, Design#1 V0	VOLT 32N6A-M, Wellbore#1, Design#1 V0	BOSTFARM26N8B-L, Wellbore#1, Design#1 V0
VOLT 33C8-M, Wellbore#1, Design#1 V0	VOLT 22N6C-L, Wellbore#1, Design#1 V0	WIEDEM22-5, Noble Energy PRWell, Actual Corred Survey (Grid to True) V0
VOLT 13C8-M, Wellbore#1, Design#1 V0	VOLT 33N6A-M, Wellbore#1, Design#1 V0	PSCJ5-11, Noble Energy SWWell, Actual VES Survey (Grid to True) V0