

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

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

VOLT 14N-3B-L

Wellbore #1

Design #1

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference	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	17,993.68	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

Summary							
Site Name Offset Well - Wellbore - Design	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)		Between Ellipses (usft)	Separation Factor	Warning
5N-66W-04 Offsets Incomplete							
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,106.09	7,344.82	1,121.60	1,005.25	9.640	CC, ES	
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,200.00	7,344.56	1,125.52	1,007.88	9.568	SF	
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,751.14	7,136.25	1,142.88	1,054.12	12.876	CC, ES	
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,900.00	7,136.56	1,152.53	1,062.15	12.751	SF	
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	10,815.34	7,209.16	308.72	218.77	3.432	CC, ES, SF	
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,153.12	7,391.41	331.74	215.08	2.844	CC, ES, SF	
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,544.69	7,238.06	312.27	209.21	3.030	CC, ES, SF	
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,054.37	7,118.67	411.51	334.17	5.321	CC, ES, SF	
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,482.13	7,275.26	299.61	229.11	4.250	CC, ES	
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,500.00	7,275.15	300.14	229.50	4.249	SF	
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,437.20	7,260.79	1,116.43	1,046.80	16.033	CC, ES	
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,600.00	7,259.60	1,128.24	1,057.03	15.843	SF	
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,687.85	7,281.62	1,918.97	1,808.29	17.339	CC	
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,700.00	7,281.66	1,919.00	1,808.12	17.307	ES	
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	12,000.00	7,282.68	1,944.19	1,829.41	16.939	SF	
5N-66W-05 Offsets Incomplete							
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	16,578.77	16,495.10	2,004.09	1,561.72	4.530	CC	
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	17,993.68	17,888.10	2,014.52	1,508.40	3.980	ES, SF	
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	6,900.00	8,103.17	2,030.06	1,975.72	37.362	SF	
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,100.00	7,981.90	2,021.89	1,969.12	38.315	ES	
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,154.01	7,914.77	2,021.63	1,970.01	39.171	CC	
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	5,079.81	4,972.90	839.62	814.46	33.365	CC	
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	5,600.00	5,499.25	840.24	812.43	30.211	ES	
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	6,900.00	6,748.30	895.62	861.32	26.109	SF	
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	5,921.23	6,204.73	2,006.23	1,969.90	55.215	CC, ES	
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	7,500.00	7,405.56	2,286.85	2,240.39	49.226	SF	
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,547.89	7,509.85	1,963.74	1,914.14	39.585	CC, ES	
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	8,200.00	7,506.21	2,068.97	2,014.51	37.992	SF	

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Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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	201.00	99.95	92.38	13.196	CC, ES
VOLT 11C-3-L - Wellbore #1 - Design #1	17,993.68	18,132.06	773.97	398.07	2.059	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	200.00	201.00	140.04	132.47	18.490	CC, ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	17,993.68	17,984.87	1,238.72	853.43	3.215	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	200.00	201.00	120.00	112.43	15.843	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	17,993.68	18,057.10	1,028.76	644.44	2.677	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	7,110.89	7,677.50	782.25	740.91	18.922	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	7,800.00	7,109.93	813.31	768.02	17.961	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	7,782.59	7,204.37	974.53	927.65	20.790	CC
VOLT 12N-6B-M - Wellbore #1 - Design #1	7,800.00	7,190.96	974.59	927.54	20.716	ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	8,000.00	7,064.30	986.03	937.17	20.183	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	1,073.45	879.71	1,124.59	1,115.28	120.775	CC
VOLT 12N-6C-M - Wellbore #1 - Design #1	7,934.52	7,114.93	1,151.12	1,101.87	23.372	ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	8,200.00	7,000.00	1,173.45	1,121.65	22.655	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	7,770.06	7,267.15	109.86	63.44	2.367	CC, ES, SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,442.95	7,443.58	50.40	7.91	1.186	Level 2, CC, ES, SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	7,563.23	7,357.38	283.66	239.85	6.474	CC, ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	7,600.00	7,324.47	284.16	239.90	6.420	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	200.00	200.00	20.05	12.47	2.647	CC
VOLT 14C-3-L - Wellbore #1 - Design #1	17,993.68	18,173.47	235.84	-49.04	0.828	Level 1, ES, SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	200.00	199.00	20.05	12.47	2.647	CC
VOLT 14N-3C-L - Wellbore #1 - Design #1	17,904.12	18,004.58	269.31	-104.16	0.721	Level 1, ES, SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	200.00	200.00	40.09	32.52	5.294	CC
VOLT 23N-3A-L - Wellbore #1 - Design #1	17,993.68	17,868.47	236.84	-98.38	0.707	Level 1, ES, SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	497.84	506.60	78.55	70.62	9.907	CC
VOLT 23N-3B-L - Wellbore #1 - Design #1	500.00	508.80	78.55	70.62	9.902	ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	17,993.68	17,971.01	597.07	212.13	1.551	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	200.00	201.00	60.14	52.56	7.940	CC
VOLT 23N-3C-L - Wellbore #1 - Design #1	17,993.68	18,054.54	387.03	6.98	1.018	Level 2, ES, SF
VOLT 25C-3-L - Wellbore #1 - Design #1	200.00	202.00	160.09	152.51	21.135	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	17,993.68	18,148.37	1,443.45	1,061.11	3.775	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	300.00	306.97	179.56	171.89	23.433	CC, ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	17,993.68	17,882.88	1,483.71	1,098.68	3.853	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	200.00	202.00	199.90	192.33	26.391	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	17,993.68	18,101.69	1,671.75	1,286.51	4.339	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	1,176.90	979.95	1,150.63	1,140.91	118.307	CC
VOLT 32C-6-M - Wellbore #1 - Design #1	1,200.00	997.49	1,150.69	1,140.88	117.296	ES
VOLT 32C-6-M - Wellbore #1 - Design #1	8,400.00	6,962.31	1,388.17	1,333.41	25.347	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	1,105.93	910.53	1,142.95	1,133.49	120.701	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	8,300.00	6,875.91	1,483.84	1,430.93	28.048	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	1,128.00	928.19	1,182.48	1,172.89	123.361	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	8,500.00	6,877.59	1,621.96	1,565.89	28.932	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	7,837.40	7,218.83	559.79	512.58	11.858	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	7,900.00	7,180.27	561.84	514.11	11.770	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,141.28	7,587.74	212.61	172.01	5.237	CC, ES, SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,660.35	7,310.64	451.53	406.77	10.088	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,700.00	7,277.24	451.99	406.89	10.021	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	7,741.69	7,213.13	576.09	529.54	12.377	CC, ES
VOLT 34C-6-M - Wellbore #1 - Design #1	7,900.00	7,132.94	590.91	542.51	12.207	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	7,444.19	7,397.71	392.66	350.03	9.210	CC, ES
VOLT 34N-6B-M - Wellbore #1 - Design #1	7,600.00	7,266.72	398.72	354.79	9.076	SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,664.85	7,212.11	775.78	729.99	16.941	CC
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,700.00	7,188.14	776.19	729.96	16.790	ES

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,900.00	7,081.32	796.90	748.45	16.449	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	688.84	678.87	57.47	49.18	6.933	CC
VOLT 36C-3-L - Wellbore #1 - Design #1	700.00	689.77	57.48	49.16	6.913	ES
VOLT 36C-3-L - Wellbore #1 - Design #1	17,600.00	17,878.39	710.70	348.14	1.960	SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	724.42	711.47	74.13	65.75	8.843	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	17,600.00	17,602.99	916.37	547.75	2.486	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	200.00	199.00	40.09	32.52	5.294	CC
VOLT 36N-3B-L - Wellbore #1 - Design #1	600.00	593.77	40.34	32.24	4.984	ES
VOLT 36N-3B-L - Wellbore #1 - Design #1	17,900.03	17,949.24	473.06	91.47	1.240	Level 2, SF
5N-66W-06 Offsets Incomplete						
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve						Out of range
SOUTH 6-21D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys						Out of range
WILKEN 15-6 - PDC SI Well - No Surveys						Out of range
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,317.59	15,370.81	1,065.84	795.40	3.941	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	9,500.00	17,545.97	1,083.48	718.79	2.971	ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	9,600.00	17,573.34	1,086.78	720.45	2.967	SF
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	10,456.66	7,967.83	1,013.88	897.76	8.732	CC
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	17,993.68	15,550.00	1,105.24	613.62	2.248	ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	10,421.18	7,860.95	1,364.31	1,248.77	11.808	CC
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	17,993.68	15,418.93	1,442.50	953.85	2.952	ES, SF
5N-67W-01 Offsets Incomplete						
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI						Out of range
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH						Out of range
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI						Out of range
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act						Out of range
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A						Out of range
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR						Out of range
GREELEY-ROTHER FEDERAL 12N-2A-L - SRC Energy P						Out of range
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P						Out of range
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR						Out of range
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P						Out of range
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P						Out of range
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR						Out of range
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P						Out of range
GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy P						Out of range
GREELEY-ROTHER FEDERAL 33N-2C-L - SRC Energy P						Out of range
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
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Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,900.00	7,117.68	7,350.19	7,079.93	58.81	21.69	-90.47	997.88	6,208.34	2,474.83	2,423.95	50.88	48.638	
10,000.00	7,117.23	7,349.98	7,079.72	60.40	21.69	-90.45	997.88	6,208.34	2,386.12	2,333.81	52.31	45.612	
10,100.00	7,116.78	7,349.77	7,079.51	61.99	21.69	-90.44	997.88	6,208.34	2,298.34	2,244.46	53.87	42.661	
10,200.00	7,116.34	7,349.55	7,079.29	63.59	21.69	-90.43	997.88	6,208.34	2,211.59	2,156.01	55.58	39.791	
10,300.00	7,115.89	7,349.33	7,079.07	65.19	21.69	-90.42	997.89	6,208.34	2,126.01	2,068.57	57.44	37.013	
10,400.00	7,115.44	7,349.11	7,078.85	66.80	21.69	-90.41	997.89	6,208.34	2,041.74	1,982.27	59.47	34.332	
10,500.00	7,115.00	7,348.88	7,078.62	68.40	21.69	-90.40	997.89	6,208.34	1,958.95	1,897.27	61.68	31.758	
10,600.00	7,114.55	7,348.65	7,078.39	70.01	21.69	-90.39	997.89	6,208.34	1,877.84	1,813.74	64.09	29.298	
10,700.00	7,114.11	7,348.42	7,078.16	71.63	21.69	-90.37	997.89	6,208.34	1,798.63	1,731.91	66.72	26.959	
10,800.00	7,113.66	7,348.19	7,077.93	73.24	21.69	-90.36	997.89	6,208.34	1,721.58	1,652.02	69.56	24.748	
10,900.00	7,113.21	7,347.95	7,077.69	74.86	21.69	-90.35	997.89	6,208.34	1,647.00	1,574.36	72.64	22.672	
11,000.00	7,112.77	7,347.71	7,077.45	76.48	21.69	-90.34	997.89	6,208.34	1,575.25	1,499.28	75.97	20.736	
11,100.00	7,112.32	7,347.46	7,077.21	78.10	21.69	-90.33	997.89	6,208.34	1,506.72	1,427.19	79.52	18.947	
11,200.00	7,111.87	7,347.22	7,076.96	79.73	21.69	-90.31	997.89	6,208.34	1,441.86	1,358.55	83.31	17.307	
11,300.00	7,111.43	7,346.97	7,076.71	81.35	21.69	-90.30	997.89	6,208.34	1,381.22	1,293.92	87.30	15.822	
11,400.00	7,110.98	7,346.71	7,076.46	82.98	21.69	-90.29	997.89	6,208.34	1,325.34	1,233.91	91.44	14.494	
11,500.00	7,110.54	7,346.46	7,076.20	84.61	21.69	-90.27	997.90	6,208.34	1,274.88	1,179.21	95.67	13.326	
11,600.00	7,110.09	7,346.20	7,075.94	86.24	21.69	-90.26	997.90	6,208.33	1,230.49	1,130.60	99.89	12.318	
11,700.00	7,109.64	7,345.93	7,075.68	87.88	21.69	-90.25	997.90	6,208.33	1,192.85	1,088.86	103.99	11.471	
11,800.00	7,109.20	7,345.67	7,075.41	89.51	21.69	-90.23	997.90	6,208.33	1,162.61	1,054.80	107.82	10.783	
11,900.00	7,108.75	7,345.40	7,075.14	91.15	21.69	-90.22	997.90	6,208.33	1,140.37	1,029.15	111.23	10.253	
12,000.00	7,108.30	7,345.12	7,074.86	92.79	21.69	-90.21	997.90	6,208.33	1,126.60	1,012.53	114.07	9.876	
12,100.00	7,107.86	7,344.84	7,074.58	94.42	21.69	-90.19	997.90	6,208.33	1,121.61	1,005.38	116.23	9.650	
12,106.09	7,107.83	7,344.82	7,074.57	94.52	21.69	-90.19	997.90	6,208.33	1,121.60	1,005.25	116.34	9.640 CC, ES	
12,200.00	7,107.41	7,344.56	7,074.30	96.06	21.69	-90.18	997.90	6,208.33	1,125.52	1,007.88	117.64	9.568 SF	
12,300.00	7,106.96	7,344.27	7,074.01	97.70	21.68	-90.16	997.90	6,208.33	1,138.23	1,019.97	118.26	9.625	
12,400.00	7,106.52	7,343.98	7,073.72	99.35	21.68	-90.15	997.90	6,208.33	1,159.46	1,041.33	118.14	9.815	
12,500.00	7,106.07	7,343.69	7,073.43	100.99	21.68	-90.13	997.90	6,208.33	1,188.76	1,071.41	117.35	10.130	
12,600.00	7,105.63	7,343.39	7,073.13	102.63	21.68	-90.12	997.91	6,208.33	1,225.53	1,109.52	116.01	10.564	
12,700.00	7,105.18	7,343.08	7,072.83	104.28	21.68	-90.10	997.91	6,208.33	1,269.13	1,154.90	114.23	11.110	
12,800.00	7,104.73	7,342.77	7,072.52	105.92	21.68	-90.09	997.91	6,208.33	1,318.89	1,206.75	112.15	11.760	
12,900.00	7,104.29	7,342.46	7,072.20	107.57	21.68	-90.07	997.91	6,208.33	1,374.14	1,264.28	109.86	12.508	
13,000.00	7,103.84	7,342.14	7,071.89	109.22	21.68	-90.05	997.91	6,208.33	1,434.24	1,326.78	107.46	13.346	
13,100.00	7,103.39	7,341.82	7,071.56	110.86	21.68	-90.04	997.91	6,208.33	1,498.61	1,393.58	105.03	14.269	
13,200.00	7,102.95	7,341.49	7,071.24	112.51	21.68	-90.02	997.91	6,208.33	1,566.72	1,464.11	102.61	15.269	
13,300.00	7,102.50	7,341.16	7,070.90	114.16	21.68	-90.00	997.91	6,208.33	1,638.10	1,537.86	100.25	16.341	
13,400.00	7,102.06	7,340.82	7,070.57	115.81	21.68	-89.99	997.91	6,208.33	1,712.36	1,614.39	97.96	17.479	
13,500.00	7,101.61	7,340.48	7,070.22	117.46	21.68	-89.97	997.91	6,208.33	1,789.12	1,693.34	95.78	18.679	
13,600.00	7,101.16	7,340.13	7,069.88	119.11	21.68	-89.95	997.92	6,208.33	1,868.08	1,774.37	93.71	19.935	
13,700.00	7,100.72	7,339.78	7,069.52	120.77	21.68	-89.93	997.92	6,208.32	1,948.97	1,857.23	91.75	21.243	
13,800.00	7,100.27	7,339.42	7,069.16	122.42	21.68	-89.91	997.92	6,208.32	2,031.57	1,941.67	89.90	22.598	
13,900.00	7,099.82	7,339.05	7,068.80	124.07	21.68	-89.90	997.92	6,208.32	2,115.67	2,027.51	88.16	23.997	
14,000.00	7,099.38	7,338.68	7,068.43	125.72	21.68	-89.88	997.92	6,208.32	2,201.10	2,114.56	86.53	25.436	
14,100.00	7,098.93	7,338.31	7,068.05	127.38	21.68	-89.86	997.92	6,208.32	2,287.71	2,202.70	85.01	26.912	
14,200.00	7,098.49	7,337.92	7,067.67	129.03	21.68	-89.84	997.92	6,208.32	2,375.37	2,291.79	83.58	28.420	
14,300.00	7,098.04	7,337.53	7,067.28	130.69	21.67	-89.82	997.92	6,208.32	2,463.97	2,381.73	82.24	29.960	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												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	
8,600.00	7,123.48	7,131.82	7,078.35	38.82	15.75	-90.02	1,010.97	4,853.26	2,435.89	2,393.49	42.40	57.457	
8,700.00	7,123.03	7,132.03	7,078.56	40.30	15.75	-90.03	1,010.97	4,853.27	2,348.05	2,304.69	43.36	54.150	
8,800.00	7,122.59	7,132.23	7,078.76	41.79	15.75	-90.04	1,010.97	4,853.27	2,261.22	2,216.78	44.43	50.889	
8,900.00	7,122.14	7,132.44	7,078.97	43.29	15.75	-90.05	1,010.97	4,853.27	2,175.52	2,129.89	45.62	47.685	
9,000.00	7,121.69	7,132.64	7,079.17	44.80	15.75	-90.07	1,010.97	4,853.27	2,091.09	2,044.15	46.94	44.551	
9,100.00	7,121.25	7,132.85	7,079.38	46.33	15.75	-90.08	1,010.96	4,853.27	2,008.09	1,959.70	48.39	41.501	
9,200.00	7,120.80	7,133.05	7,079.58	47.86	15.75	-90.09	1,010.96	4,853.27	1,926.71	1,876.72	49.98	38.547	
9,300.00	7,120.35	7,133.26	7,079.79	49.40	15.75	-90.10	1,010.96	4,853.27	1,847.15	1,795.41	51.74	35.702	
9,400.00	7,119.91	7,133.46	7,079.99	50.96	15.75	-90.11	1,010.96	4,853.27	1,769.67	1,716.01	53.66	32.980	
9,500.00	7,119.46	7,133.67	7,080.20	52.52	15.75	-90.12	1,010.96	4,853.28	1,694.55	1,638.80	55.76	30.393	
9,600.00	7,119.02	7,133.88	7,080.41	54.08	15.75	-90.13	1,010.96	4,853.28	1,622.12	1,564.09	58.03	27.953	
9,700.00	7,118.57	7,134.08	7,080.61	55.65	15.75	-90.14	1,010.96	4,853.28	1,552.76	1,492.27	60.49	25.671	
9,800.00	7,118.12	7,134.29	7,080.82	57.23	15.75	-90.15	1,010.96	4,853.28	1,486.89	1,423.77	63.12	23.556	
9,900.00	7,117.68	7,134.49	7,081.02	58.81	15.75	-90.16	1,010.96	4,853.28	1,424.99	1,359.08	65.92	21.618	
10,000.00	7,117.23	7,134.70	7,081.23	60.40	15.75	-90.17	1,010.96	4,853.28	1,367.62	1,298.77	68.85	19.864	
10,100.00	7,116.78	7,134.90	7,081.43	61.99	15.75	-90.18	1,010.96	4,853.28	1,315.35	1,243.48	71.88	18.300	
10,200.00	7,116.34	7,135.11	7,081.64	63.59	15.75	-90.19	1,010.95	4,853.29	1,268.83	1,193.88	74.95	16.929	
10,300.00	7,115.89	7,135.32	7,081.85	65.19	15.75	-90.20	1,010.95	4,853.29	1,228.70	1,150.71	77.99	15.755	
10,400.00	7,115.44	7,135.52	7,082.05	66.80	15.75	-90.21	1,010.95	4,853.29	1,195.61	1,114.70	80.90	14.778	
10,500.00	7,115.00	7,135.73	7,082.26	68.40	15.76	-90.22	1,010.95	4,853.29	1,170.15	1,086.55	83.60	13.997	
10,600.00	7,114.55	7,135.94	7,082.47	70.01	15.76	-90.23	1,010.95	4,853.29	1,152.83	1,066.85	85.98	13.409	
10,700.00	7,114.11	7,136.14	7,082.67	71.63	15.76	-90.24	1,010.95	4,853.29	1,144.02	1,056.08	87.94	13.009	
10,751.14	7,113.88	7,136.25	7,082.78	72.45	15.76	-90.25	1,010.95	4,853.29	1,142.88	1,054.12	88.76	12.876 CC, ES	
10,800.00	7,113.66	7,136.35	7,082.88	73.24	15.76	-90.25	1,010.95	4,853.29	1,143.92	1,054.50	89.42	12.793	
10,900.00	7,113.21	7,136.56	7,083.09	74.86	15.76	-90.26	1,010.95	4,853.30	1,152.53	1,062.15	90.39	12.751 SF	
11,000.00	7,112.77	7,136.76	7,083.29	76.48	15.76	-90.27	1,010.95	4,853.30	1,169.66	1,078.82	90.84	12.876	
11,100.00	7,112.32	7,136.97	7,083.50	78.10	15.76	-90.28	1,010.95	4,853.30	1,194.94	1,104.13	90.81	13.159	
11,200.00	7,111.87	7,137.18	7,083.71	79.73	15.76	-90.29	1,010.95	4,853.30	1,227.86	1,137.51	90.35	13.590	
11,300.00	7,111.43	7,137.38	7,083.91	81.35	15.76	-90.30	1,010.95	4,853.30	1,267.84	1,178.29	89.55	14.158	
11,400.00	7,110.98	7,137.59	7,084.12	82.98	15.76	-90.31	1,010.94	4,853.30	1,314.23	1,225.75	88.48	14.853	
11,500.00	7,110.54	7,137.80	7,084.33	84.61	15.76	-90.32	1,010.94	4,853.30	1,366.37	1,279.15	87.22	15.666	
11,600.00	7,110.09	7,138.01	7,084.54	86.24	15.76	-90.33	1,010.94	4,853.30	1,423.64	1,337.81	85.83	16.587	
11,700.00	7,109.64	7,138.21	7,084.74	87.88	15.76	-90.34	1,010.94	4,853.31	1,485.43	1,401.07	84.36	17.607	
11,800.00	7,109.20	7,138.42	7,084.95	89.51	15.76	-90.35	1,010.94	4,853.31	1,551.22	1,468.34	82.87	18.718	
11,900.00	7,108.75	7,138.63	7,085.16	91.15	15.76	-90.37	1,010.94	4,853.31	1,620.51	1,539.12	81.39	19.911	
12,000.00	7,108.30	7,138.84	7,085.37	92.79	15.76	-90.38	1,010.94	4,853.31	1,692.87	1,612.94	79.93	21.178	
12,100.00	7,107.86	7,139.04	7,085.57	94.42	15.76	-90.39	1,010.94	4,853.31	1,767.94	1,689.41	78.53	22.514	
12,200.00	7,107.41	7,139.25	7,085.78	96.06	15.76	-90.40	1,010.94	4,853.31	1,845.36	1,768.19	77.17	23.912	
12,300.00	7,106.96	7,139.46	7,085.99	97.70	15.76	-90.41	1,010.94	4,853.31	1,924.87	1,848.99	75.88	25.366	
12,400.00	7,106.52	7,139.67	7,086.20	99.35	15.76	-90.42	1,010.94	4,853.32	2,006.22	1,931.55	74.66	26.870	
12,500.00	7,106.07	7,139.88	7,086.41	100.99	15.76	-90.43	1,010.93	4,853.32	2,089.18	2,015.67	73.51	28.420	
12,600.00	7,105.63	7,140.08	7,086.61	102.63	15.76	-90.44	1,010.93	4,853.32	2,173.58	2,101.16	72.42	30.012	
12,700.00	7,105.18	7,140.29	7,086.82	104.28	15.76	-90.45	1,010.93	4,853.32	2,259.25	2,187.85	71.40	31.641	
12,800.00	7,104.73	7,140.50	7,087.03	105.92	15.76	-90.46	1,010.93	4,853.32	2,346.06	2,275.61	70.44	33.304	
12,900.00	7,104.29	7,140.71	7,087.24	107.57	15.77	-90.47	1,010.93	4,853.32	2,433.88	2,364.33	69.55	34.997	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7400-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,400.00	7,124.37	7,179.28	7,052.88	35.93	16.78	85.43	-440.68	4,925.81	2,434.81	2,398.15	36.66	66.422	
8,500.00	7,123.92	7,180.51	7,054.11	37.37	16.78	85.66	-440.66	4,925.83	2,335.65	2,298.90	36.75	63.547	
8,600.00	7,123.48	7,181.73	7,055.34	38.82	16.78	85.88	-440.64	4,925.85	2,236.58	2,199.71	36.87	60.667	
8,700.00	7,123.03	7,182.96	7,056.56	40.30	16.78	86.11	-440.62	4,925.87	2,137.59	2,100.59	36.99	57.782	
8,800.00	7,122.59	7,184.19	7,057.79	41.79	16.78	86.33	-440.60	4,925.89	2,038.69	2,001.55	37.14	54.891	
8,900.00	7,122.14	7,185.42	7,059.02	43.29	16.79	86.56	-440.58	4,925.91	1,939.91	1,902.60	37.31	51.993	
9,000.00	7,121.69	7,186.65	7,060.25	44.80	16.79	86.79	-440.56	4,925.93	1,841.27	1,803.76	37.51	49.087	
9,100.00	7,121.25	7,187.88	7,061.48	46.33	16.79	87.02	-440.54	4,925.95	1,742.77	1,705.02	37.75	46.172	
9,200.00	7,120.80	7,189.12	7,062.71	47.86	16.79	87.24	-440.52	4,925.97	1,644.45	1,606.43	38.02	43.247	
9,300.00	7,120.35	7,190.35	7,063.95	49.40	16.80	87.47	-440.50	4,925.99	1,546.35	1,507.99	38.36	40.311	
9,400.00	7,119.91	7,191.58	7,065.18	50.96	16.80	87.70	-440.48	4,926.02	1,448.51	1,409.74	38.77	37.364	
9,500.00	7,119.46	7,192.82	7,066.42	52.52	16.80	87.93	-440.46	4,926.04	1,350.99	1,311.72	39.27	34.405	
9,600.00	7,119.02	7,194.06	7,067.65	54.08	16.80	88.16	-440.44	4,926.06	1,253.85	1,213.96	39.89	31.435	
9,700.00	7,118.57	7,195.29	7,068.89	55.65	16.81	88.39	-440.42	4,926.08	1,157.19	1,116.53	40.66	28.458	
9,800.00	7,118.12	7,196.53	7,070.13	57.23	16.81	88.62	-440.40	4,926.10	1,061.16	1,019.51	41.65	25.479	
9,900.00	7,117.68	7,197.77	7,071.37	58.81	16.81	88.85	-440.38	4,926.12	965.93	923.02	42.91	22.509	
10,000.00	7,117.23	7,199.01	7,072.61	60.40	16.81	89.08	-440.35	4,926.14	871.77	827.22	44.56	19.566	
10,100.00	7,116.78	7,200.25	7,073.85	61.99	16.81	89.31	-440.33	4,926.16	779.06	732.35	46.72	16.676	
10,200.00	7,116.34	7,201.49	7,075.09	63.59	16.82	89.54	-440.31	4,926.18	688.40	638.80	49.60	13.880	
10,300.00	7,115.89	7,202.74	7,076.33	65.19	16.82	89.77	-440.29	4,926.20	600.70	547.25	53.46	11.237	
10,400.00	7,115.44	7,203.98	7,077.58	66.80	16.82	90.00	-440.27	4,926.22	517.49	458.83	58.65	8.823	
10,500.00	7,115.00	7,205.23	7,078.82	68.40	16.82	90.23	-440.25	4,926.24	441.29	375.75	65.54	6.733	
10,600.00	7,114.55	7,206.47	7,080.07	70.01	16.83	90.46	-440.23	4,926.27	376.40	302.26	74.14	5.077	
10,700.00	7,114.11	7,207.72	7,081.32	71.63	16.83	90.69	-440.21	4,926.29	329.56	246.31	83.25	3.958	
10,800.00	7,113.66	7,208.97	7,082.56	73.24	16.83	90.92	-440.19	4,926.31	309.11	219.59	89.51	3.453	
10,815.34	7,113.59	7,209.16	7,082.76	73.49	16.83	90.96	-440.18	4,926.31	308.72	218.77	89.96	3.432 CC, ES, SF	
10,900.00	7,113.21	7,210.21	7,083.80	74.86	16.83	91.15	-440.17	4,926.33	320.12	230.56	89.56	3.574	
11,000.00	7,112.77	7,211.46	7,085.05	76.48	16.84	91.38	-440.15	4,926.35	359.73	275.36	84.37	4.264	
11,100.00	7,112.32	7,212.71	7,086.30	78.10	16.84	91.62	-440.12	4,926.37	419.92	342.42	77.50	5.418	
11,200.00	7,111.87	7,213.96	7,087.56	79.73	16.84	91.85	-440.10	4,926.39	493.21	422.04	71.17	6.930	
11,300.00	7,111.43	7,215.22	7,088.81	81.35	16.84	92.08	-440.08	4,926.41	574.60	508.61	66.00	8.706	
11,400.00	7,110.98	7,216.47	7,090.06	82.98	16.85	92.31	-440.06	4,926.43	661.12	599.19	61.94	10.674	
11,500.00	7,110.54	7,217.73	7,091.32	84.61	16.85	92.55	-440.04	4,926.46	751.00	692.22	58.77	12.778	
11,600.00	7,110.09	7,218.98	7,092.57	86.24	16.85	92.78	-440.02	4,926.48	843.15	786.86	56.29	14.978	
11,700.00	7,109.64	7,220.24	7,093.83	87.88	16.85	93.01	-440.00	4,926.50	936.92	882.59	54.33	17.245	
11,800.00	7,109.20	7,221.50	7,095.09	89.51	16.85	93.25	-439.98	4,926.52	1,031.85	979.09	52.76	19.559	
11,900.00	7,108.75	7,222.76	7,096.35	91.15	16.86	93.48	-439.96	4,926.54	1,127.66	1,076.17	51.49	21.902	
12,000.00	7,108.30	7,224.02	7,097.61	92.79	16.86	93.71	-439.93	4,926.56	1,224.14	1,173.69	50.45	24.265	
12,100.00	7,107.86	7,225.28	7,098.87	94.42	16.86	93.95	-439.91	4,926.58	1,321.14	1,271.54	49.60	26.638	
12,200.00	7,107.41	7,226.55	7,100.14	96.06	16.86	94.18	-439.89	4,926.60	1,418.55	1,369.67	48.89	29.016	
12,300.00	7,106.96	7,227.81	7,101.40	97.70	16.87	94.42	-439.87	4,926.63	1,516.31	1,468.01	48.30	31.394	
12,400.00	7,106.52	7,229.08	7,102.67	99.35	16.87	94.65	-439.85	4,926.65	1,614.33	1,566.53	47.81	33.768	
12,500.00	7,106.07	7,230.35	7,103.93	100.99	16.87	94.88	-439.83	4,926.67	1,712.59	1,665.19	47.39	36.136	
12,600.00	7,105.63	7,231.61	7,105.20	102.63	16.87	95.12	-439.81	4,926.69	1,811.03	1,763.98	47.04	38.496	
12,700.00	7,105.18	7,232.88	7,106.47	104.28	16.88	95.35	-439.79	4,926.71	1,909.63	1,862.88	46.75	40.847	
12,800.00	7,104.73	7,234.15	7,107.74	105.92	16.88	95.59	-439.76	4,926.73	2,008.38	1,961.87	46.50	43.187	
12,900.00	7,104.29	7,235.42	7,109.01	107.57	16.88	95.82	-439.74	4,926.75	2,107.23	2,060.94	46.30	45.515	
13,000.00	7,103.84	7,236.70	7,110.28	109.22	16.88	96.05	-439.72	4,926.78	2,206.20	2,160.07	46.12	47.831	
13,100.00	7,103.39	7,237.97	7,111.56	110.86	16.89	96.29	-439.70	4,926.80	2,305.25	2,259.27	45.98	50.135	
13,200.00	7,102.95	7,239.25	7,112.83	112.51	16.89	96.52	-439.68	4,926.82	2,404.38	2,358.51	45.86	52.425	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7600-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,700.00	7,118.57	7,386.86	7,061.97	55.65	21.75	88.51	-455.04	6,264.12	2,475.44	2,436.27	39.17	63.197		
9,800.00	7,118.12	7,387.03	7,062.14	57.23	21.75	88.54	-455.04	6,264.12	2,376.38	2,337.02	39.36	60.370		
9,900.00	7,117.68	7,387.20	7,062.31	58.81	21.75	88.57	-455.04	6,264.12	2,277.41	2,237.82	39.58	57.536		
10,000.00	7,117.23	7,387.38	7,062.49	60.40	21.75	88.60	-455.05	6,264.12	2,178.52	2,138.69	39.83	54.696		
10,100.00	7,116.78	7,387.55	7,062.66	61.99	21.76	88.63	-455.05	6,264.12	2,079.74	2,039.63	40.11	51.848		
10,200.00	7,116.34	7,387.73	7,062.84	63.59	21.76	88.66	-455.05	6,264.13	1,981.09	1,940.65	40.44	48.993		
10,300.00	7,115.89	7,387.91	7,063.02	65.19	21.76	88.69	-455.05	6,264.13	1,882.57	1,841.76	40.81	46.128		
10,400.00	7,115.44	7,388.08	7,063.19	66.80	21.76	88.72	-455.06	6,264.13	1,784.23	1,742.98	41.25	43.256		
10,500.00	7,115.00	7,388.26	7,063.37	68.40	21.76	88.75	-455.06	6,264.13	1,686.07	1,644.31	41.76	40.376		
10,600.00	7,114.55	7,388.44	7,063.55	70.01	21.76	88.78	-455.06	6,264.13	1,588.15	1,545.79	42.36	37.489		
10,700.00	7,114.11	7,388.63	7,063.74	71.63	21.76	88.81	-455.06	6,264.13	1,490.50	1,447.42	43.08	34.597		
10,800.00	7,113.66	7,388.81	7,063.92	73.24	21.76	88.84	-455.06	6,264.13	1,393.19	1,349.24	43.94	31.704		
10,900.00	7,113.21	7,388.99	7,064.10	74.86	21.76	88.87	-455.07	6,264.13	1,296.28	1,251.30	44.99	28.815		
11,000.00	7,112.77	7,389.18	7,064.29	76.48	21.76	88.91	-455.07	6,264.14	1,199.89	1,153.63	46.26	25.938		
11,100.00	7,112.32	7,389.37	7,064.48	78.10	21.76	88.94	-455.07	6,264.14	1,104.13	1,056.30	47.83	23.085		
11,200.00	7,111.87	7,389.55	7,064.66	79.73	21.76	88.97	-455.07	6,264.14	1,009.20	959.42	49.78	20.272		
11,300.00	7,111.43	7,389.74	7,064.85	81.35	21.76	89.00	-455.08	6,264.14	915.35	863.11	52.24	17.522		
11,400.00	7,110.98	7,389.93	7,065.05	82.98	21.76	89.04	-455.08	6,264.14	822.95	767.58	55.37	14.864		
11,500.00	7,110.54	7,390.13	7,065.24	84.61	21.76	89.07	-455.08	6,264.14	732.54	673.15	59.39	12.335		
11,600.00	7,110.09	7,390.32	7,065.43	86.24	21.76	89.10	-455.08	6,264.14	644.97	580.36	64.61	9.982		
11,700.00	7,109.64	7,390.51	7,065.62	87.88	21.76	89.14	-455.09	6,264.14	561.58	490.14	71.44	7.861		
11,800.00	7,109.20	7,390.71	7,065.82	89.51	21.76	89.17	-455.09	6,264.15	484.51	404.22	80.29	6.035		
11,900.00	7,108.75	7,390.91	7,066.02	91.15	21.76	89.21	-455.09	6,264.15	417.28	325.95	91.33	4.569		
12,000.00	7,108.30	7,391.11	7,066.22	92.79	21.76	89.24	-455.09	6,264.15	365.38	261.77	103.60	3.527		
12,100.00	7,107.86	7,391.31	7,066.42	94.42	21.76	89.27	-455.09	6,264.15	335.97	222.18	113.79	2.952		
12,153.12	7,107.62	7,391.41	7,066.52	95.29	21.76	89.29	-455.10	6,264.15	331.74	215.08	116.66	2.844	CC, ES, SF	
12,200.00	7,107.41	7,391.51	7,066.62	96.06	21.76	89.31	-455.10	6,264.15	335.04	217.85	117.19	2.859		
12,300.00	7,106.96	7,391.71	7,066.82	97.70	21.76	89.34	-455.10	6,264.15	362.81	250.11	112.69	3.219		
12,400.00	7,106.52	7,391.92	7,067.02	99.35	21.76	89.38	-455.10	6,264.15	413.53	309.60	103.93	3.979		
12,500.00	7,106.07	7,392.12	7,067.23	100.99	21.76	89.41	-455.10	6,264.15	479.98	385.33	94.65	5.071		
12,600.00	7,105.63	7,392.33	7,067.44	102.63	21.76	89.45	-455.11	6,264.16	556.56	470.02	86.54	6.431		
12,700.00	7,105.18	7,392.54	7,067.65	104.28	21.76	89.49	-455.11	6,264.16	639.64	559.72	79.92	8.004		
12,800.00	7,104.73	7,392.75	7,067.86	105.92	21.76	89.52	-455.11	6,264.16	726.99	652.35	74.63	9.741		
12,900.00	7,104.29	7,392.96	7,068.07	107.57	21.76	89.56	-455.12	6,264.16	817.24	746.82	70.42	11.605		
13,000.00	7,103.84	7,393.17	7,068.28	109.22	21.76	89.60	-455.12	6,264.16	909.54	842.50	67.04	13.567		
13,100.00	7,103.39	7,393.39	7,068.50	110.86	21.76	89.63	-455.12	6,264.16	1,003.31	939.01	64.30	15.603		
13,200.00	7,102.95	7,393.60	7,068.71	112.51	21.76	89.67	-455.12	6,264.16	1,098.19	1,036.12	62.07	17.694		
13,300.00	7,102.50	7,393.82	7,068.93	114.16	21.76	89.71	-455.13	6,264.17	1,193.90	1,133.67	60.22	19.825		
13,400.00	7,102.06	7,394.04	7,069.15	115.81	21.76	89.75	-455.13	6,264.17	1,290.26	1,231.57	58.69	21.985		
13,500.00	7,101.61	7,394.26	7,069.37	117.46	21.77	89.78	-455.13	6,264.17	1,387.13	1,329.73	57.40	24.166		
13,600.00	7,101.16	7,394.48	7,069.59	119.11	21.77	89.82	-455.13	6,264.17	1,484.42	1,428.11	56.31	26.360		
13,700.00	7,100.72	7,394.71	7,069.81	120.77	21.77	89.86	-455.14	6,264.17	1,582.05	1,526.66	55.39	28.561		
13,800.00	7,100.27	7,394.93	7,070.04	122.42	21.77	89.90	-455.14	6,264.17	1,679.96	1,625.36	54.60	30.766		
13,900.00	7,099.82	7,395.16	7,070.27	124.07	21.77	89.94	-455.14	6,264.17	1,778.10	1,724.17	53.93	32.971		
14,000.00	7,099.38	7,395.39	7,070.50	125.72	21.77	89.98	-455.15	6,264.18	1,876.44	1,823.09	53.35	35.173		
14,100.00	7,098.93	7,395.62	7,070.73	127.38	21.77	90.02	-455.15	6,264.18	1,974.94	1,922.09	52.85	37.370		
14,200.00	7,098.49	7,395.85	7,070.96	129.03	21.77	90.06	-455.15	6,264.18	2,073.59	2,021.17	52.41	39.561		
14,300.00	7,098.04	7,396.08	7,071.19	130.69	21.77	90.10	-455.15	6,264.18	2,172.36	2,120.32	52.04	41.744		
14,400.00	7,097.59	7,396.32	7,071.43	132.34	21.77	90.14	-455.16	6,264.18	2,271.24	2,219.52	51.72	43.917		
14,500.00	7,097.15	7,396.56	7,071.67	134.00	21.77	90.18	-455.16	6,264.18	2,370.21	2,318.77	51.44	46.081		
14,600.00	7,096.70	7,396.80	7,071.91	135.65	21.77	90.22	-455.16	6,264.19	2,469.26	2,418.07	51.19	48.234		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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		
9,100.00	7,121.25	7,245.38	7,080.47	46.33	17.21	-91.31	185.19	5,651.85	2,464.54	2,426.92	37.62	65.509		
9,200.00	7,120.80	7,245.11	7,080.20	47.86	17.21	-91.26	185.19	5,651.85	2,365.38	2,327.55	37.83	62.526		
9,300.00	7,120.35	7,244.84	7,079.92	49.40	17.21	-91.21	185.19	5,651.85	2,266.29	2,228.23	38.06	59.541		
9,400.00	7,119.91	7,244.56	7,079.64	50.96	17.21	-91.16	185.19	5,651.85	2,167.29	2,128.97	38.32	56.555		
9,500.00	7,119.46	7,244.28	7,079.37	52.52	17.21	-91.11	185.19	5,651.85	2,068.38	2,029.77	38.61	53.568		
9,600.00	7,119.02	7,244.00	7,079.08	54.08	17.21	-91.05	185.19	5,651.85	1,969.59	1,930.65	38.94	50.579		
9,700.00	7,118.57	7,243.71	7,078.80	55.65	17.21	-91.00	185.19	5,651.85	1,870.92	1,831.61	39.31	47.590		
9,800.00	7,118.12	7,243.43	7,078.52	57.23	17.21	-90.95	185.19	5,651.85	1,772.40	1,732.66	39.74	44.600		
9,900.00	7,117.68	7,243.14	7,078.23	58.81	17.21	-90.90	185.19	5,651.85	1,674.06	1,633.83	40.23	41.610		
10,000.00	7,117.23	7,242.85	7,077.94	60.40	17.21	-90.84	185.19	5,651.85	1,575.93	1,535.12	40.80	38.621		
10,100.00	7,116.78	7,242.56	7,077.65	61.99	17.21	-90.79	185.19	5,651.85	1,478.04	1,436.57	41.48	35.637		
10,200.00	7,116.34	7,242.26	7,077.35	63.59	17.20	-90.74	185.19	5,651.85	1,380.46	1,338.19	42.27	32.659		
10,300.00	7,115.89	7,241.97	7,077.05	65.19	17.20	-90.68	185.19	5,651.85	1,283.25	1,240.04	43.22	29.693		
10,400.00	7,115.44	7,241.67	7,076.75	66.80	17.20	-90.63	185.19	5,651.85	1,186.51	1,142.15	44.36	26.746		
10,500.00	7,115.00	7,241.36	7,076.45	68.40	17.20	-90.57	185.19	5,651.85	1,090.35	1,044.59	45.76	23.827		
10,600.00	7,114.55	7,241.06	7,076.15	70.01	17.20	-90.52	185.19	5,651.84	994.96	947.47	47.49	20.951		
10,700.00	7,114.11	7,240.75	7,075.84	71.63	17.20	-90.46	185.19	5,651.84	900.56	850.90	49.65	18.138		
10,800.00	7,113.66	7,240.44	7,075.53	73.24	17.20	-90.40	185.19	5,651.84	807.51	755.11	52.39	15.412		
10,900.00	7,113.21	7,240.13	7,075.22	74.86	17.20	-90.35	185.19	5,651.84	716.33	660.41	55.92	12.811		
11,000.00	7,112.77	7,239.82	7,074.90	76.48	17.20	-90.29	185.19	5,651.84	627.85	567.36	60.49	10.379		
11,100.00	7,112.32	7,239.50	7,074.59	78.10	17.20	-90.23	185.19	5,651.84	543.38	476.90	66.47	8.175		
11,200.00	7,111.87	7,239.18	7,074.27	79.73	17.20	-90.17	185.19	5,651.84	465.10	390.88	74.22	6.266		
11,300.00	7,111.43	7,238.86	7,073.95	81.35	17.20	-90.11	185.19	5,651.84	396.72	312.90	83.82	4.733		
11,400.00	7,110.98	7,238.53	7,073.62	82.98	17.20	-90.05	185.19	5,651.84	344.16	250.00	94.16	3.655		
11,500.00	7,110.54	7,238.21	7,073.29	84.61	17.20	-89.99	185.19	5,651.84	315.45	213.66	101.79	3.099		
11,544.69	7,110.34	7,238.06	7,073.15	85.34	17.20	-89.97	185.19	5,651.84	312.27	209.21	103.06	3.030 CC, ES, SF		
11,600.00	7,110.09	7,237.88	7,072.96	86.24	17.20	-89.93	185.19	5,651.84	317.13	214.78	102.35	3.099		
11,700.00	7,109.64	7,237.54	7,072.63	87.88	17.20	-89.87	185.19	5,651.84	348.76	252.85	95.91	3.636		
11,800.00	7,109.20	7,237.21	7,072.29	89.51	17.20	-89.81	185.19	5,651.84	403.36	316.61	86.75	4.650		
11,900.00	7,108.75	7,236.87	7,071.95	91.15	17.19	-89.75	185.19	5,651.84	473.03	394.90	78.13	6.055		
12,000.00	7,108.30	7,236.52	7,071.61	92.79	17.19	-89.68	185.19	5,651.84	552.11	481.03	71.08	7.767		
12,100.00	7,107.86	7,236.18	7,071.27	94.42	17.19	-89.62	185.19	5,651.84	637.09	571.51	65.58	9.714		
12,200.00	7,107.41	7,235.83	7,070.92	96.06	17.19	-89.56	185.19	5,651.84	725.91	664.58	61.33	11.835		
12,300.00	7,106.96	7,235.48	7,070.57	97.70	17.19	-89.49	185.18	5,651.84	817.32	759.28	58.04	14.083		
12,400.00	7,106.52	7,235.13	7,070.21	99.35	17.19	-89.43	185.18	5,651.84	910.53	855.08	55.45	16.421		
12,500.00	7,106.07	7,234.77	7,069.86	100.99	17.19	-89.36	185.18	5,651.84	1,005.05	951.65	53.40	18.821		
12,600.00	7,105.63	7,234.41	7,069.50	102.63	17.19	-89.30	185.18	5,651.84	1,100.54	1,048.78	51.76	21.263		
12,700.00	7,105.18	7,234.05	7,069.13	104.28	17.19	-89.23	185.18	5,651.84	1,196.77	1,146.34	50.43	23.731		
12,800.00	7,104.73	7,233.68	7,068.77	105.92	17.19	-89.16	185.18	5,651.84	1,293.56	1,244.22	49.35	26.214		
12,900.00	7,104.29	7,233.31	7,068.40	107.57	17.19	-89.09	185.18	5,651.84	1,390.82	1,342.36	48.46	28.703		
13,000.00	7,103.84	7,232.94	7,068.02	109.22	17.19	-89.03	185.18	5,651.84	1,488.43	1,440.71	47.72	31.192		
13,100.00	7,103.39	7,232.56	7,067.65	110.86	17.19	-88.96	185.18	5,651.84	1,586.34	1,539.24	47.11	33.676		
13,200.00	7,102.95	7,232.18	7,067.27	112.51	17.19	-88.89	185.18	5,651.83	1,684.50	1,637.90	46.60	36.151		
13,300.00	7,102.50	7,231.80	7,066.88	114.16	17.19	-88.82	185.18	5,651.83	1,782.86	1,736.69	46.17	38.615		
13,400.00	7,102.06	7,231.41	7,066.50	115.81	17.18	-88.75	185.18	5,651.83	1,881.40	1,835.59	45.81	41.067		
13,500.00	7,101.61	7,231.02	7,066.11	117.46	17.18	-88.67	185.18	5,651.83	1,980.08	1,934.57	45.51	43.504		
13,600.00	7,101.16	7,230.63	7,065.71	119.11	17.18	-88.60	185.18	5,651.83	2,078.89	2,033.62	45.27	45.927		
13,700.00	7,100.72	7,230.23	7,065.31	120.77	17.18	-88.53	185.18	5,651.83	2,177.81	2,132.75	45.06	48.333		
13,800.00	7,100.27	7,229.83	7,064.91	122.42	17.18	-88.45	185.18	5,651.83	2,276.82	2,231.93	44.89	50.724		
13,900.00	7,099.82	7,229.42	7,064.51	124.07	17.18	-88.38	185.18	5,651.83	2,375.91	2,331.16	44.75	53.098		
14,000.00	7,099.38	7,229.01	7,064.10	125.72	17.18	-88.31	185.18	5,651.83	2,475.08	2,430.44	44.63	55.455		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-04 Offsets Incomplete - DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,600.00	7,127.94	7,139.48	7,102.85	25.51	15.58	-93.04	275.31	4,160.89	2,488.54	2,452.71	35.83	69.446		
7,700.00	7,127.49	7,138.65	7,102.03	26.66	15.58	-92.93	275.31	4,160.89	2,389.98	2,354.02	35.96	66.466		
7,800.00	7,127.05	7,137.83	7,101.20	27.87	15.58	-92.81	275.31	4,160.89	2,291.54	2,255.44	36.10	63.478		
7,900.00	7,126.60	7,137.00	7,100.37	29.13	15.58	-92.70	275.31	4,160.90	2,193.24	2,156.98	36.26	60.481		
8,000.00	7,126.16	7,136.17	7,099.54	30.43	15.57	-92.58	275.32	4,160.90	2,095.11	2,058.65	36.45	57.477		
8,100.00	7,125.71	7,135.34	7,098.71	31.76	15.57	-92.47	275.32	4,160.90	1,997.15	1,960.49	36.67	54.465		
8,200.00	7,125.26	7,134.50	7,097.88	33.12	15.57	-92.35	275.32	4,160.91	1,899.41	1,862.49	36.92	51.445		
8,300.00	7,124.82	7,133.67	7,097.04	34.52	15.57	-92.23	275.32	4,160.91	1,801.92	1,764.71	37.22	48.417		
8,400.00	7,124.37	7,132.83	7,096.20	35.93	15.57	-92.12	275.33	4,160.91	1,704.72	1,667.16	37.56	45.382		
8,500.00	7,123.92	7,131.99	7,095.36	37.37	15.57	-92.00	275.33	4,160.92	1,607.86	1,569.89	37.97	42.340		
8,600.00	7,123.48	7,131.15	7,094.52	38.82	15.56	-91.88	275.33	4,160.92	1,511.42	1,472.95	38.46	39.294		
8,700.00	7,123.03	7,130.30	7,093.68	40.30	15.56	-91.77	275.33	4,160.92	1,415.46	1,376.41	39.05	36.247		
8,800.00	7,122.59	7,129.46	7,092.83	41.79	15.56	-91.65	275.34	4,160.93	1,320.10	1,280.34	39.76	33.203		
8,900.00	7,122.14	7,128.61	7,091.98	43.29	15.56	-91.53	275.34	4,160.93	1,225.48	1,184.86	40.62	30.169		
9,000.00	7,121.69	7,127.76	7,091.13	44.80	15.56	-91.41	275.34	4,160.93	1,131.79	1,090.11	41.68	27.155		
9,100.00	7,121.25	7,126.91	7,090.28	46.33	15.55	-91.29	275.34	4,160.94	1,039.28	996.29	42.99	24.177		
9,200.00	7,120.80	7,126.05	7,089.43	47.86	15.55	-91.18	275.35	4,160.94	948.28	903.67	44.61	21.256		
9,300.00	7,120.35	7,125.20	7,088.57	49.40	15.55	-91.06	275.35	4,160.94	859.28	812.64	46.65	18.420		
9,400.00	7,119.91	7,124.34	7,087.71	50.96	15.55	-90.94	275.35	4,160.95	772.99	723.78	49.21	15.708		
9,500.00	7,119.46	7,123.48	7,086.85	52.52	15.55	-90.82	275.35	4,160.95	690.39	637.97	52.42	13.169		
9,600.00	7,119.02	7,122.61	7,085.99	54.08	15.55	-90.70	275.36	4,160.95	613.00	556.58	56.42	10.865		
9,700.00	7,118.57	7,121.75	7,085.12	55.65	15.54	-90.58	275.36	4,160.96	543.05	481.80	61.25	8.866		
9,800.00	7,118.12	7,120.88	7,084.26	57.23	15.54	-90.46	275.36	4,160.96	483.77	417.05	66.72	7.250		
9,900.00	7,117.68	7,120.01	7,083.39	58.81	15.54	-90.33	275.36	4,160.97	439.51	367.35	72.15	6.091		
10,000.00	7,117.23	7,119.14	7,082.52	60.40	15.54	-90.21	275.36	4,160.97	415.08	338.86	76.22	5.446		
10,054.37	7,116.99	7,118.67	7,082.04	61.27	15.54	-90.15	275.37	4,160.97	411.51	334.17	77.34	5.321 CC, ES, SF		
10,100.00	7,116.78	7,118.27	7,081.64	61.99	15.54	-90.09	275.37	4,160.97	414.03	336.47	77.56	5.338		
10,200.00	7,116.34	7,117.39	7,080.77	63.59	15.53	-89.97	275.37	4,160.98	436.51	360.62	75.89	5.752		
10,300.00	7,115.89	7,116.51	7,079.89	65.19	15.53	-89.85	275.37	4,160.98	479.23	406.98	72.25	6.633		
10,400.00	7,115.44	7,115.63	7,079.01	66.80	15.53	-89.72	275.37	4,160.98	537.39	469.43	67.96	7.907		
10,500.00	7,115.00	7,114.75	7,078.13	68.40	15.53	-89.60	275.38	4,160.99	606.55	542.70	63.85	9.500		
10,600.00	7,114.55	7,113.87	7,077.24	70.01	15.53	-89.48	275.38	4,160.99	683.39	623.13	60.26	11.341		
10,700.00	7,114.11	7,112.98	7,076.36	71.63	15.53	-89.36	275.38	4,161.00	765.60	708.34	57.26	13.372		
10,800.00	7,113.66	7,112.09	7,075.47	73.24	15.52	-89.23	275.38	4,161.00	851.62	796.84	54.78	15.546		
10,900.00	7,113.21	7,111.20	7,074.57	74.86	15.52	-89.11	275.38	4,161.00	940.41	887.66	52.75	17.828		
11,000.00	7,112.77	7,110.31	7,073.68	76.48	15.52	-88.98	275.39	4,161.01	1,031.25	980.17	51.08	20.188		
11,100.00	7,112.32	7,109.41	7,072.79	78.10	15.52	-88.86	275.39	4,161.01	1,123.65	1,073.94	49.71	22.606		
11,200.00	7,111.87	7,108.51	7,071.89	79.73	15.52	-88.73	275.39	4,161.01	1,217.25	1,168.69	48.57	25.064		
11,300.00	7,111.43	7,107.61	7,070.99	81.35	15.51	-88.61	275.39	4,161.02	1,311.80	1,264.18	47.62	27.550		
11,400.00	7,110.98	7,106.71	7,070.08	82.98	15.51	-88.48	275.39	4,161.02	1,407.09	1,360.28	46.82	30.054		
11,500.00	7,110.54	7,105.80	7,069.18	84.61	15.51	-88.36	275.40	4,161.03	1,503.00	1,456.86	46.15	32.569		
11,600.00	7,110.09	7,104.90	7,068.27	86.24	15.51	-88.23	275.40	4,161.03	1,599.41	1,553.83	45.58	35.090		
11,700.00	7,109.64	7,103.99	7,067.36	87.88	15.51	-88.10	275.40	4,161.03	1,696.24	1,651.14	45.10	37.611		
11,800.00	7,109.20	7,103.08	7,066.45	89.51	15.50	-87.98	275.40	4,161.04	1,793.41	1,748.72	44.69	40.129		
11,900.00	7,108.75	7,102.16	7,065.54	91.15	15.50	-87.85	275.40	4,161.04	1,890.88	1,846.54	44.34	42.643		
12,000.00	7,108.30	7,101.25	7,064.62	92.79	15.50	-87.72	275.41	4,161.05	1,988.60	1,944.55	44.05	45.149		
12,100.00	7,107.86	7,100.33	7,063.70	94.42	15.50	-87.60	275.41	4,161.05	2,086.53	2,042.74	43.79	47.646		
12,200.00	7,107.41	7,099.41	7,062.79	96.06	15.50	-87.47	275.41	4,161.05	2,184.65	2,141.07	43.58	50.133		
12,300.00	7,106.96	7,098.50	7,061.87	97.70	15.49	-87.34	275.41	4,161.06	2,282.94	2,239.54	43.39	52.608		
12,400.00	7,106.52	7,097.58	7,060.96	99.35	15.49	-87.21	275.41	4,161.06	2,381.36	2,338.12	43.24	55.072		
12,500.00	7,106.07	7,096.67	7,060.04	100.99	15.49	-87.09	275.42	4,161.07	2,479.91	2,436.80	43.11	57.522		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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		
6,900.00	6,795.38	6,959.14	6,768.04	19.35	18.25	5.24	-440.31	3,593.56	2,478.15	2,443.31	34.84	71.122		
7,000.00	6,879.12	7,039.15	6,848.04	19.94	18.38	6.88	-440.08	3,593.39	2,423.69	2,388.30	35.39	68.488		
7,100.00	6,953.32	7,112.41	6,921.30	20.64	18.51	8.84	-439.72	3,593.30	2,357.01	2,321.09	35.92	65.623		
7,200.00	7,016.16	7,175.56	6,984.45	21.44	18.61	11.70	-439.45	3,593.22	2,279.72	2,243.32	36.40	62.627		
7,300.00	7,066.07	7,225.40	7,034.29	22.34	18.70	16.48	-439.31	3,593.14	2,193.73	2,156.91	36.81	59.592		
7,400.00	7,101.84	7,260.90	7,069.79	23.34	18.76	25.92	-439.24	3,593.08	2,101.19	2,064.06	37.13	56.588		
7,500.00	7,122.58	7,281.42	7,090.31	24.40	18.79	49.03	-439.19	3,593.05	2,004.40	1,967.06	37.35	53.671		
7,600.00	7,127.94	7,286.60	7,095.49	25.51	18.80	92.28	-439.18	3,593.04	1,905.79	1,868.33	37.46	50.879		
7,700.00	7,127.49	7,286.00	7,094.89	26.66	18.80	92.17	-439.19	3,593.04	1,807.10	1,769.57	37.54	48.141		
7,800.00	7,127.05	7,285.40	7,094.29	27.87	18.80	92.05	-439.19	3,593.04	1,708.57	1,670.93	37.64	45.397		
7,900.00	7,126.60	7,284.80	7,093.69	29.13	18.80	91.94	-439.19	3,593.04	1,610.22	1,572.46	37.76	42.646		
8,000.00	7,126.16	7,284.19	7,093.08	30.43	18.80	91.82	-439.19	3,593.05	1,512.08	1,474.17	37.91	39.888		
8,100.00	7,125.71	7,283.59	7,092.48	31.76	18.80	91.71	-439.19	3,593.05	1,414.20	1,376.10	38.10	37.120		
8,200.00	7,125.26	7,282.99	7,091.88	33.12	18.80	91.59	-439.19	3,593.05	1,316.64	1,278.31	38.34	34.343		
8,300.00	7,124.82	7,282.39	7,091.28	34.52	18.80	91.48	-439.19	3,593.05	1,219.48	1,180.83	38.65	31.554		
8,400.00	7,124.37	7,281.79	7,090.67	35.93	18.80	91.36	-439.19	3,593.05	1,122.82	1,083.77	39.05	28.755		
8,500.00	7,123.92	7,281.18	7,090.07	37.37	18.79	91.25	-439.20	3,593.05	1,026.79	987.21	39.58	25.943		
8,600.00	7,123.48	7,280.58	7,089.47	38.82	18.79	91.13	-439.20	3,593.05	931.60	891.31	40.29	23.124		
8,700.00	7,123.03	7,279.98	7,088.87	40.30	18.79	91.02	-439.20	3,593.05	837.53	796.28	41.25	20.303		
8,800.00	7,122.59	7,279.37	7,088.26	41.79	18.79	90.90	-439.20	3,593.05	745.01	702.43	42.58	17.495		
8,900.00	7,122.14	7,278.77	7,087.66	43.29	18.79	90.79	-439.20	3,593.05	654.69	610.25	44.44	14.731		
9,000.00	7,121.69	7,278.17	7,087.06	44.80	18.79	90.67	-439.20	3,593.05	567.63	520.56	47.06	12.061		
9,100.00	7,121.25	7,277.56	7,086.45	46.33	18.79	90.56	-439.20	3,593.06	485.57	434.83	50.74	9.570		
9,200.00	7,120.80	7,276.96	7,085.85	47.86	18.79	90.44	-439.20	3,593.06	411.53	355.79	55.74	7.383		
9,300.00	7,120.35	7,276.36	7,085.25	49.40	18.79	90.33	-439.20	3,593.06	350.62	288.69	61.93	5.662		
9,400.00	7,119.91	7,275.75	7,084.64	50.96	18.79	90.21	-439.21	3,593.06	310.66	242.79	67.87	4.577		
9,482.13	7,119.54	7,275.26	7,084.15	52.24	18.78	90.12	-439.21	3,593.06	299.61	229.11	70.50	4.250 CC, ES		
9,500.00	7,119.46	7,275.15	7,084.04	52.52	18.78	90.10	-439.21	3,593.06	300.14	229.50	70.64	4.249 SF		
9,600.00	7,119.02	7,274.55	7,083.44	54.08	18.78	89.98	-439.21	3,593.06	321.96	253.16	68.80	4.679		
9,700.00	7,118.57	7,273.94	7,082.83	55.65	18.78	89.86	-439.21	3,593.06	370.45	306.04	64.41	5.752		
9,800.00	7,118.12	7,273.34	7,082.23	57.23	18.78	89.75	-439.21	3,593.06	436.81	376.96	59.85	7.298		
9,900.00	7,117.68	7,272.74	7,081.62	58.81	18.78	89.63	-439.21	3,593.06	514.18	458.09	56.08	9.168		
10,000.00	7,117.23	7,272.13	7,081.02	60.40	18.78	89.52	-439.21	3,593.06	598.29	545.12	53.17	11.253		
10,100.00	7,116.78	7,271.53	7,080.42	61.99	18.78	89.40	-439.21	3,593.07	686.67	635.71	50.96	13.475		
10,200.00	7,116.34	7,270.92	7,079.81	63.59	18.78	89.29	-439.22	3,593.07	777.87	728.60	49.27	15.787		
10,300.00	7,115.89	7,270.32	7,079.21	65.19	18.78	89.17	-439.22	3,593.07	871.01	823.04	47.97	18.156		
10,400.00	7,115.44	7,269.72	7,078.60	66.80	18.77	89.06	-439.22	3,593.07	965.52	918.56	46.96	20.560		
10,500.00	7,115.00	7,269.11	7,078.00	68.40	18.77	88.94	-439.22	3,593.07	1,061.03	1,014.87	46.16	22.985		
10,600.00	7,114.55	7,268.51	7,077.39	70.01	18.77	88.82	-439.22	3,593.07	1,157.31	1,111.78	45.53	25.421		
10,700.00	7,114.11	7,267.90	7,076.79	71.63	18.77	88.71	-439.22	3,593.07	1,254.16	1,209.15	45.01	27.862		
10,800.00	7,113.66	7,267.30	7,076.19	73.24	18.77	88.59	-439.22	3,593.07	1,351.48	1,306.88	44.60	30.304		
10,900.00	7,113.21	7,266.69	7,075.58	74.86	18.77	88.48	-439.22	3,593.07	1,449.16	1,404.90	44.26	32.742		
11,000.00	7,112.77	7,266.09	7,074.98	76.48	18.77	88.36	-439.23	3,593.07	1,547.13	1,503.15	43.98	35.175		
11,100.00	7,112.32	7,265.48	7,074.37	78.10	18.77	88.25	-439.23	3,593.08	1,645.35	1,601.59	43.76	37.601		
11,200.00	7,111.87	7,264.88	7,073.77	79.73	18.77	88.13	-439.23	3,593.08	1,743.77	1,700.20	43.57	40.019		
11,300.00	7,111.43	7,264.27	7,073.16	81.35	18.77	88.02	-439.23	3,593.08	1,842.37	1,798.94	43.42	42.427		
11,400.00	7,110.98	7,263.67	7,072.56	82.98	18.76	87.90	-439.23	3,593.08	1,941.10	1,897.80	43.30	44.825		
11,500.00	7,110.54	7,263.06	7,071.95	84.61	18.76	87.78	-439.23	3,593.08	2,039.96	1,996.75	43.21	47.212		
11,600.00	7,110.09	7,262.46	7,071.34	86.24	18.76	87.67	-439.23	3,593.08	2,138.92	2,095.79	43.13	49.588		
11,700.00	7,109.64	7,261.85	7,070.74	87.88	18.76	87.55	-439.23	3,593.08	2,237.98	2,194.90	43.08	51.952		
11,800.00	7,109.20	7,261.24	7,070.13	89.51	18.76	87.44	-439.24	3,593.08	2,337.12	2,294.08	43.04	54.305		
11,900.00	7,108.75	7,260.64	7,069.53	91.15	18.76	87.32	-439.24	3,593.08	2,436.32	2,393.31	43.01	56.645		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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		
7,200.00	7,016.16	7,167.08	6,998.90	21.44	17.85	-43.16	977.13	3,539.97	2,479.47	2,441.98	37.48	66.146		
7,300.00	7,066.07	7,214.96	7,046.78	22.34	17.94	-51.87	976.83	3,539.73	2,402.69	2,364.53	38.16	62.970		
7,400.00	7,101.84	7,248.63	7,080.45	23.34	18.00	-63.61	976.59	3,539.61	2,320.66	2,281.85	38.81	59.798		
7,500.00	7,122.58	7,268.18	7,100.00	24.40	18.04	-78.00	976.44	3,539.56	2,235.60	2,196.17	39.44	56.686		
7,600.00	7,127.94	7,273.11	7,104.93	25.51	18.04	-91.09	976.40	3,539.55	2,149.78	2,109.73	40.05	53.678		
7,700.00	7,127.49	7,272.49	7,104.31	26.66	18.04	-91.06	976.40	3,539.55	2,064.98	2,024.27	40.72	50.717		
7,800.00	7,127.05	7,271.86	7,103.68	27.87	18.04	-91.02	976.41	3,539.55	1,981.60	1,940.11	41.49	47.766		
7,900.00	7,126.60	7,271.23	7,103.04	29.13	18.04	-90.99	976.41	3,539.55	1,899.82	1,857.44	42.37	44.836		
8,000.00	7,126.16	7,270.59	7,102.41	30.43	18.04	-90.96	976.42	3,539.55	1,819.85	1,776.47	43.39	41.945		
8,100.00	7,125.71	7,269.95	7,101.76	31.76	18.04	-90.92	976.42	3,539.55	1,741.97	1,697.43	44.54	39.110		
8,200.00	7,125.26	7,269.30	7,101.11	33.12	18.04	-90.89	976.43	3,539.55	1,666.44	1,620.60	45.84	36.351		
8,300.00	7,124.82	7,268.64	7,100.46	34.52	18.04	-90.86	976.43	3,539.55	1,593.61	1,546.31	47.30	33.690		
8,400.00	7,124.37	7,267.98	7,099.80	35.93	18.04	-90.82	976.44	3,539.56	1,523.86	1,474.94	48.92	31.149		
8,500.00	7,123.92	7,267.32	7,099.13	37.37	18.03	-90.79	976.44	3,539.56	1,457.64	1,406.94	50.70	28.748		
8,600.00	7,123.48	7,266.64	7,098.46	38.82	18.03	-90.76	976.45	3,539.56	1,395.45	1,342.81	52.64	26.508		
8,700.00	7,123.03	7,265.97	7,097.78	40.30	18.03	-90.72	976.46	3,539.56	1,337.86	1,283.14	54.72	24.450		
8,800.00	7,122.59	7,265.28	7,097.10	41.79	18.03	-90.69	976.46	3,539.56	1,285.47	1,228.56	56.90	22.590		
8,900.00	7,122.14	7,264.59	7,096.41	43.29	18.03	-90.65	976.47	3,539.56	1,238.95	1,179.79	59.16	20.943		
9,000.00	7,121.69	7,263.90	7,095.72	44.80	18.03	-90.61	976.47	3,539.57	1,198.98	1,137.56	61.43	19.519		
9,100.00	7,121.25	7,263.20	7,095.01	46.33	18.03	-90.58	976.48	3,539.57	1,166.24	1,102.61	63.64	18.327		
9,200.00	7,120.80	7,262.49	7,094.31	47.86	18.03	-90.54	976.48	3,539.57	1,141.35	1,075.64	65.71	17.370		
9,300.00	7,120.35	7,261.78	7,093.59	49.40	18.02	-90.51	976.49	3,539.57	1,124.83	1,057.27	67.57	16.648		
9,400.00	7,119.91	7,261.06	7,092.87	50.96	18.02	-90.47	976.50	3,539.57	1,117.05	1,047.92	69.13	16.158		
9,437.20	7,119.74	7,260.79	7,092.61	51.54	18.02	-90.45	976.50	3,539.57	1,116.43	1,046.80	69.63	16.033 CC, ES		
9,500.00	7,119.46	7,260.33	7,092.15	52.52	18.02	-90.43	976.50	3,539.57	1,118.20	1,047.84	70.36	15.893		
9,600.00	7,119.02	7,259.60	7,091.42	54.08	18.02	-90.39	976.51	3,539.58	1,128.24	1,057.03	71.21	15.843 SF		
9,700.00	7,118.57	7,258.86	7,090.68	55.65	18.02	-90.36	976.51	3,539.58	1,146.94	1,075.25	71.69	15.998		
9,800.00	7,118.12	7,258.12	7,089.93	57.23	18.02	-90.32	976.52	3,539.58	1,173.90	1,102.06	71.83	16.342		
9,900.00	7,117.68	7,257.36	7,089.18	58.81	18.02	-90.28	976.52	3,539.58	1,208.55	1,136.88	71.67	16.862		
10,000.00	7,117.23	7,256.61	7,088.42	60.40	18.01	-90.24	976.53	3,539.58	1,250.26	1,178.99	71.27	17.544		
10,100.00	7,116.78	7,255.84	7,087.66	61.99	18.01	-90.20	976.54	3,539.59	1,298.34	1,227.67	70.67	18.372		
10,200.00	7,116.34	7,255.07	7,086.88	63.59	18.01	-90.16	976.54	3,539.59	1,352.13	1,282.19	69.94	19.332		
10,300.00	7,115.89	7,254.29	7,086.10	65.19	18.01	-90.12	976.55	3,539.59	1,410.96	1,341.83	69.12	20.412		
10,400.00	7,115.44	7,253.50	7,085.32	66.80	18.01	-90.08	976.55	3,539.59	1,474.23	1,405.97	68.26	21.598		
10,500.00	7,115.00	7,252.71	7,084.52	68.40	18.01	-90.04	976.56	3,539.59	1,541.40	1,474.02	67.37	22.879		
10,600.00	7,114.55	7,251.90	7,083.72	70.01	18.01	-90.00	976.57	3,539.60	1,611.97	1,545.48	66.49	24.245		
10,700.00	7,114.11	7,251.10	7,082.91	71.63	18.00	-89.96	976.57	3,539.60	1,685.53	1,619.91	65.62	25.687		
10,800.00	7,113.66	7,250.28	7,082.09	73.24	18.00	-89.92	976.58	3,539.60	1,761.69	1,696.91	64.78	27.195		
10,900.00	7,113.21	7,249.45	7,081.27	74.86	18.00	-89.87	976.59	3,539.60	1,840.13	1,776.16	63.98	28.763		
11,000.00	7,112.77	7,248.62	7,080.44	76.48	18.00	-89.83	976.59	3,539.61	1,920.58	1,857.37	63.21	30.383		
11,100.00	7,112.32	7,247.78	7,079.60	78.10	18.00	-89.79	976.60	3,539.61	2,002.79	1,940.30	62.49	32.050		
11,200.00	7,111.87	7,246.93	7,078.75	79.73	18.00	-89.74	976.60	3,539.61	2,086.55	2,024.74	61.81	33.758		
11,300.00	7,111.43	7,246.08	7,077.89	81.35	18.00	-89.70	976.61	3,539.61	2,171.69	2,110.52	61.17	35.502		
11,400.00	7,110.98	7,245.21	7,077.03	82.98	17.99	-89.66	976.62	3,539.62	2,258.05	2,197.48	60.57	37.278		
11,500.00	7,110.54	7,244.34	7,076.16	84.61	17.99	-89.61	976.62	3,539.62	2,345.49	2,285.47	60.01	39.082		
11,600.00	7,110.09	7,243.46	7,075.28	86.24	17.99	-89.57	976.63	3,539.62	2,433.90	2,374.40	59.49	40.911		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,100.00	7,116.78	7,276.23	7,038.56	61.99	22.95	-90.20	1,792.72	5,785.25	2,490.72	2,419.47	71.25	34.957		
10,200.00	7,116.34	7,276.57	7,038.90	63.59	22.96	-90.22	1,792.72	5,785.26	2,428.19	2,354.59	73.60	32.991		
10,300.00	7,115.89	7,276.91	7,039.24	65.19	22.96	-90.23	1,792.71	5,785.26	2,368.23	2,292.19	76.04	31.143		
10,400.00	7,115.44	7,277.25	7,039.58	66.80	22.97	-90.24	1,792.71	5,785.26	2,311.05	2,232.48	78.57	29.413		
10,500.00	7,115.00	7,277.59	7,039.92	68.40	22.97	-90.25	1,792.71	5,785.26	2,256.86	2,175.68	81.17	27.803		
10,600.00	7,114.55	7,277.93	7,040.26	70.01	22.98	-90.26	1,792.71	5,785.27	2,205.86	2,122.02	83.84	26.310		
10,700.00	7,114.11	7,278.27	7,040.60	71.63	22.99	-90.27	1,792.70	5,785.27	2,158.30	2,071.75	86.55	24.936		
10,800.00	7,113.66	7,278.61	7,040.94	73.24	22.99	-90.28	1,792.70	5,785.27	2,114.40	2,025.11	89.29	23.679		
10,900.00	7,113.21	7,278.95	7,041.28	74.86	23.00	-90.29	1,792.70	5,785.28	2,074.40	1,982.36	92.04	22.538		
11,000.00	7,112.77	7,279.29	7,041.61	76.48	23.00	-90.30	1,792.70	5,785.28	2,038.52	1,943.75	94.77	21.510		
11,100.00	7,112.32	7,279.63	7,041.95	78.10	23.01	-90.31	1,792.70	5,785.28	2,006.99	1,909.53	97.45	20.595		
11,200.00	7,111.87	7,279.97	7,042.29	79.73	23.01	-90.32	1,792.69	5,785.28	1,980.01	1,879.95	100.06	19.789		
11,300.00	7,111.43	7,280.31	7,042.63	81.35	23.02	-90.33	1,792.69	5,785.29	1,957.77	1,855.21	102.55	19.090		
11,400.00	7,110.98	7,280.64	7,042.97	82.98	23.03	-90.34	1,792.69	5,785.29	1,940.43	1,835.52	104.91	18.496		
11,500.00	7,110.54	7,280.98	7,043.31	84.61	23.03	-90.35	1,792.69	5,785.29	1,928.14	1,821.03	107.10	18.002		
11,600.00	7,110.09	7,281.32	7,043.65	86.24	23.04	-90.36	1,792.69	5,785.29	1,920.98	1,811.88	109.10	17.607		
11,687.85	7,109.70	7,281.62	7,043.95	87.68	23.04	-90.37	1,792.68	5,785.30	1,918.97	1,808.29	110.68	17.339 CC		
11,700.00	7,109.64	7,281.66	7,043.99	87.88	23.04	-90.37	1,792.68	5,785.30	1,919.00	1,808.12	110.88	17.307 ES		
11,800.00	7,109.20	7,282.00	7,044.33	89.51	23.05	-90.38	1,792.68	5,785.30	1,922.24	1,809.81	112.43	17.098		
11,900.00	7,108.75	7,282.34	7,044.67	91.15	23.05	-90.39	1,792.68	5,785.30	1,930.66	1,816.93	113.73	16.976		
12,000.00	7,108.30	7,282.68	7,045.01	92.79	23.06	-90.40	1,792.68	5,785.31	1,944.19	1,829.41	114.78	16.939 SF		
12,100.00	7,107.86	7,283.02	7,045.35	94.42	23.07	-90.41	1,792.67	5,785.31	1,962.73	1,847.15	115.58	16.982		
12,200.00	7,107.41	7,283.36	7,045.69	96.06	23.07	-90.42	1,792.67	5,785.31	1,986.13	1,869.99	116.14	17.101		
12,300.00	7,106.96	7,283.70	7,046.02	97.70	23.08	-90.43	1,792.67	5,785.31	2,014.24	1,897.77	116.47	17.294		
12,400.00	7,106.52	7,284.04	7,046.36	99.35	23.08	-90.44	1,792.67	5,785.32	2,046.85	1,930.26	116.59	17.557		
12,500.00	7,106.07	7,284.38	7,046.70	100.99	23.09	-90.45	1,792.67	5,785.32	2,083.75	1,967.24	116.51	17.885		
12,600.00	7,105.63	7,284.72	7,047.04	102.63	23.09	-90.46	1,792.66	5,785.32	2,124.72	2,008.47	116.25	18.276		
12,700.00	7,105.18	7,285.06	7,047.38	104.28	23.10	-90.47	1,792.66	5,785.32	2,169.53	2,053.68	115.85	18.727		
12,800.00	7,104.73	7,285.39	7,047.72	105.92	23.11	-90.48	1,792.66	5,785.33	2,217.95	2,102.63	115.31	19.234		
12,900.00	7,104.29	7,285.73	7,048.06	107.57	23.11	-90.49	1,792.66	5,785.33	2,269.74	2,155.07	114.67	19.794		
13,000.00	7,103.84	7,286.07	7,048.40	109.22	23.12	-90.50	1,792.66	5,785.33	2,324.68	2,210.75	113.93	20.404		
13,100.00	7,103.39	7,286.41	7,048.74	110.86	23.12	-90.51	1,792.65	5,785.33	2,382.56	2,269.43	113.12	21.062		
13,200.00	7,102.95	7,286.75	7,049.08	112.51	23.13	-90.52	1,792.65	5,785.34	2,443.15	2,330.90	112.26	21.764		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys											Offset Site Error:		0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
4,800.00	4,736.22	5,164.57	5,098.17	12.69	14.53	-84.73	2,277.71	1,357.81	2,486.22	2,461.33	24.89	99.892	
4,900.00	4,834.72	5,249.02	5,181.52	12.97	14.77	-85.16	2,266.11	1,350.82	2,469.07	2,443.68	25.40	97.218	
5,000.00	4,933.22	5,336.97	5,268.28	13.26	15.03	-85.65	2,254.56	1,342.22	2,452.36	2,426.44	25.92	94.625	
5,100.00	5,031.72	5,415.90	5,346.15	13.56	15.25	-86.12	2,244.85	1,333.72	2,436.41	2,409.99	26.42	92.211	
5,200.00	5,130.22	5,492.22	5,421.44	13.85	15.47	-86.60	2,236.23	1,324.72	2,421.45	2,394.52	26.93	89.932	
5,300.00	5,228.72	5,593.13	5,520.99	14.15	15.74	-87.25	2,225.30	1,312.38	2,407.10	2,379.63	27.47	87.612	
5,400.00	5,327.21	5,734.63	5,660.57	14.45	16.10	-88.11	2,207.65	1,297.28	2,391.74	2,363.63	28.10	85.102	
5,500.00	5,425.71	5,898.92	5,822.38	14.75	16.56	-89.03	2,182.94	1,283.22	2,374.75	2,345.96	28.79	82.480	
5,600.00	5,524.21	6,012.30	5,933.56	15.05	16.91	-89.69	2,163.43	1,272.69	2,355.62	2,326.22	29.40	80.137	
5,700.00	5,622.71	6,096.64	6,016.41	15.36	17.17	-90.14	2,148.72	1,266.92	2,336.97	2,307.03	29.94	78.047	
5,800.00	5,721.21	6,234.64	6,152.01	15.67	17.58	-90.76	2,123.63	1,262.25	2,318.51	2,287.92	30.59	75.797	
5,900.00	5,819.71	6,326.19	6,241.70	15.97	17.86	-91.10	2,105.27	1,262.40	2,298.69	2,267.54	31.15	73.797	
6,000.00	5,918.21	6,381.31	6,295.75	16.28	18.02	-91.27	2,094.55	1,263.99	2,279.96	2,248.31	31.64	72.058	
6,100.00	6,016.71	6,436.47	6,349.97	16.59	18.18	-91.41	2,084.85	1,266.65	2,263.25	2,231.12	32.13	70.443	
6,200.00	6,115.21	6,529.85	6,441.92	16.91	18.45	-91.65	2,069.28	1,271.59	2,247.61	2,214.92	32.68	68.771	
6,300.00	6,213.70	6,648.76	6,559.02	17.22	18.80	-92.02	2,049.11	1,275.94	2,231.51	2,198.22	33.29	67.033	
6,400.00	6,312.20	6,735.64	6,644.57	17.53	19.05	-92.31	2,034.14	1,278.15	2,215.15	2,181.30	33.84	65.457	
6,500.00	6,410.70	6,802.00	6,709.81	17.85	19.24	-92.45	2,023.20	1,283.30	2,200.07	2,165.72	34.35	64.048	
6,600.00	6,509.20	6,954.67	6,855.17	18.17	19.64	-92.12	1,995.12	1,318.79	2,184.49	2,149.49	35.00	62.420	
6,700.00	6,607.69	7,047.20	6,936.78	18.48	19.87	-91.04	1,975.64	1,357.65	2,167.64	2,132.06	35.58	60.927	
6,800.00	6,704.15	7,108.05	6,987.46	18.86	20.02	-88.63	1,963.10	1,388.86	2,151.12	2,114.93	36.19	59.446	
6,900.00	6,795.38	7,173.00	7,037.68	19.35	20.16	-88.41	1,951.06	1,428.19	2,135.47	2,098.54	36.93	57.821	
7,000.00	6,879.12	7,200.03	7,057.20	19.94	20.21	-89.00	1,946.63	1,446.34	2,120.84	2,083.16	37.68	56.284	
7,100.00	6,953.32	7,240.29	7,084.69	20.64	20.28	-89.69	1,940.91	1,475.19	2,108.19	2,069.61	38.58	54.643	
7,200.00	7,016.16	7,265.00	7,100.56	21.44	20.34	-90.39	1,937.93	1,493.89	2,097.85	2,058.37	39.49	53.129	
7,300.00	7,066.07	7,332.68	7,140.26	22.34	20.44	-91.16	1,931.45	1,548.27	2,089.32	2,048.45	40.86	51.129	
7,400.00	7,101.84	7,403.29	7,175.75	23.34	20.59	-91.98	1,926.65	1,609.10	2,083.06	2,040.57	42.49	49.029	
7,500.00	7,122.58	7,491.00	7,211.30	24.40	20.93	-92.92	1,921.28	1,689.04	2,077.65	2,033.09	44.56	46.626	
7,600.00	7,127.94	7,569.61	7,235.40	25.51	21.58	-93.78	1,917.37	1,763.72	2,073.62	2,026.86	46.76	44.347	
7,700.00	7,127.49	7,647.57	7,250.04	26.66	22.62	-94.20	1,914.81	1,840.20	2,071.02	2,021.86	49.16	42.124	
7,800.00	7,127.05	7,735.13	7,258.44	27.87	24.11	-94.45	1,913.14	1,927.32	2,069.27	2,017.29	51.98	39.810	
7,862.59	7,126.77	7,767.82	7,260.48	28.66	24.73	-94.51	1,912.94	1,959.95	2,068.82	2,015.46	53.37	38.766	
7,900.00	7,126.60	7,787.63	7,261.72	29.13	25.11	-94.55	1,913.04	1,979.72	2,068.98	2,014.79	54.20	38.176	
8,000.00	7,126.16	7,849.97	7,265.73	30.43	26.36	-94.66	1,914.35	2,041.92	2,070.92	2,014.24	56.68	36.537	
8,100.00	7,125.71	8,154.10	7,294.38	31.76	33.35	-95.51	1,907.97	2,344.40	2,069.87	2,004.30	65.57	31.568	
8,200.00	7,125.26	8,259.57	7,304.14	33.12	36.03	-95.82	1,899.75	2,449.09	2,062.42	1,992.82	69.60	29.632	
8,300.00	7,124.82	8,365.66	7,310.38	34.52	38.79	-96.03	1,891.86	2,554.69	2,055.07	1,981.32	73.75	27.866	
8,400.00	7,124.37	8,456.78	7,311.75	35.93	41.21	-96.10	1,885.32	2,645.56	2,047.54	1,969.98	77.55	26.401	
8,500.00	7,123.92	8,525.70	7,310.93	37.37	43.06	-96.10	1,881.20	2,714.36	2,040.96	1,960.19	80.77	25.269	
8,600.00	7,123.48	8,588.93	7,309.52	38.82	44.75	-96.08	1,878.65	2,777.52	2,036.15	1,952.32	83.83	24.288	
8,700.00	7,123.03	8,652.71	7,307.91	40.30	46.47	-96.05	1,877.23	2,841.26	2,033.13	1,946.21	86.92	23.390	
8,800.00	7,122.59	8,732.25	7,305.83	41.79	48.63	-96.00	1,876.67	2,920.77	2,031.57	1,941.07	90.50	22.448	
8,900.00	7,122.14	8,821.70	7,303.50	43.29	51.07	-95.95	1,876.68	3,010.19	2,030.75	1,936.33	94.41	21.509	
9,000.00	7,121.69	8,931.78	7,300.02	44.80	54.10	-95.86	1,876.86	3,120.22	2,030.04	1,931.03	99.01	20.504	
9,100.00	7,121.25	9,039.06	7,294.70	46.33	57.08	-95.73	1,876.58	3,227.36	2,028.71	1,925.16	103.55	19.591	
9,200.00	7,120.80	9,163.96	7,288.43	47.86	60.58	-95.58	1,875.26	3,352.10	2,026.60	1,917.91	108.69	18.646	
9,300.00	7,120.35	9,268.01	7,283.09	49.40	63.52	-95.45	1,873.29	3,455.99	2,023.65	1,910.46	113.19	17.878	
9,400.00	7,119.91	9,344.69	7,280.92	50.96	65.69	-95.40	1,871.97	3,532.62	2,021.17	1,904.33	116.84	17.299	
9,500.00	7,119.46	9,413.00	7,280.75	52.52	67.63	-95.40	1,872.00	3,600.93	2,020.50	1,900.29	120.21	16.809	
9,503.19	7,119.45	9,413.00	7,280.75	52.57	67.63	-95.40	1,872.00	3,600.93	2,020.50	1,900.26	120.24	16.804	
9,600.00	7,119.02	9,486.93	7,281.43	54.08	69.72	-95.43	1,873.02	3,674.85	2,021.29	1,897.55	123.74	16.335	
9,700.00	7,118.57	9,594.96	7,282.22	55.65	72.79	-95.46	1,874.69	3,782.87	2,022.34	1,893.92	128.42	15.748	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,800.00	7,118.12	9,690.13	7,282.91	57.23	75.50	-95.49	1,875.94	3,878.03	2,023.16	1,890.48	132.68	15.248		
9,900.00	7,117.68	9,796.73	7,283.85	58.81	78.55	-95.53	1,877.34	3,984.61	2,023.99	1,886.66	137.34	14.738		
10,000.00	7,117.23	9,890.87	7,284.75	60.40	81.25	-95.57	1,878.56	4,078.74	2,024.81	1,883.22	141.58	14.301		
10,100.00	7,116.78	9,985.31	7,285.63	61.99	83.95	-95.60	1,880.05	4,173.16	2,025.91	1,880.06	145.84	13.891		
10,200.00	7,116.34	10,096.73	7,286.60	63.59	87.16	-95.64	1,881.68	4,284.56	2,026.90	1,876.20	150.69	13.450		
10,300.00	7,115.89	10,209.74	7,287.83	65.19	90.43	-95.69	1,882.44	4,397.57	2,027.10	1,871.50	155.60	13.027		
10,400.00	7,115.44	10,333.82	7,289.09	66.80	94.03	-95.74	1,882.54	4,521.64	2,026.77	1,865.89	160.88	12.598		
10,500.00	7,115.00	10,441.60	7,290.09	68.40	97.16	-95.79	1,881.46	4,629.41	2,025.29	1,859.67	165.62	12.228		
10,600.00	7,114.55	10,546.75	7,291.19	70.01	100.22	-95.84	1,880.18	4,734.55	2,023.63	1,853.35	170.29	11.884		
10,700.00	7,114.11	10,661.53	7,290.45	71.63	103.57	-95.84	1,878.20	4,849.30	2,021.27	1,846.01	175.27	11.533		
10,800.00	7,113.66	10,743.89	7,289.11	73.24	105.97	-95.82	1,876.89	4,931.64	2,018.99	1,839.77	179.22	11.265		
10,886.06	7,113.28	10,796.11	7,288.20	74.63	107.49	-95.80	1,876.83	4,983.85	2,018.27	1,836.28	182.00	11.090		
10,900.00	7,113.21	10,804.56	7,288.04	74.86	107.74	-95.80	1,876.91	4,992.30	2,018.29	1,835.85	182.44	11.063		
11,000.00	7,112.77	10,885.79	7,286.79	76.48	110.09	-95.77	1,878.21	5,073.51	2,019.14	1,832.82	186.31	10.837		
11,100.00	7,112.32	10,977.01	7,285.86	78.10	112.74	-95.75	1,880.14	5,164.70	2,020.59	1,830.06	190.53	10.605		
11,200.00	7,111.87	11,084.69	7,284.58	79.73	115.87	-95.72	1,882.55	5,272.34	2,022.14	1,826.82	195.32	10.353		
11,300.00	7,111.43	11,200.40	7,283.60	81.35	119.24	-95.71	1,884.34	5,388.04	2,023.04	1,822.65	200.39	10.095		
11,400.00	7,110.98	11,312.65	7,283.06	82.98	122.52	-95.71	1,884.92	5,500.29	2,022.92	1,817.57	205.34	9.851		
11,411.58	7,110.93	11,321.67	7,283.02	83.17	122.78	-95.70	1,884.97	5,509.31	2,022.91	1,817.13	205.78	9.830		
11,500.00	7,110.54	11,391.47	7,282.59	84.61	124.82	-95.70	1,885.75	5,579.10	2,023.33	1,814.17	209.16	9.674		
11,600.00	7,110.09	11,475.85	7,282.10	86.24	127.28	-95.69	1,887.38	5,663.46	2,024.64	1,811.49	213.15	9.499		
11,700.00	7,109.64	11,561.15	7,281.64	87.88	129.76	-95.69	1,889.67	5,748.73	2,026.69	1,809.54	217.16	9.333		
11,800.00	7,109.20	11,656.05	7,281.19	89.51	132.52	-95.68	1,892.68	5,843.58	2,029.25	1,807.74	221.51	9.161		
11,900.00	7,108.75	11,784.89	7,280.22	91.15	136.28	-95.66	1,896.25	5,972.36	2,031.42	1,804.34	227.08	8.946		
12,000.00	7,108.30	11,911.42	7,279.34	92.79	139.99	-95.65	1,897.41	6,098.89	2,031.62	1,799.07	232.55	8.736		
12,100.00	7,107.86	12,025.39	7,278.39	94.42	143.33	-95.64	1,897.76	6,212.85	2,031.30	1,793.73	237.57	8.550		
12,200.00	7,107.41	12,124.85	7,277.61	96.06	146.25	-95.63	1,897.64	6,312.31	2,030.54	1,788.42	242.11	8.387		
12,300.00	7,106.96	12,251.12	7,276.76	97.70	149.96	-95.63	1,896.70	6,438.57	2,029.17	1,781.65	247.52	8.198		
12,400.00	7,106.52	12,378.09	7,275.90	99.35	153.71	-95.63	1,894.08	6,565.51	2,026.49	1,773.57	252.92	8.012		
12,500.00	7,106.07	12,485.42	7,275.14	100.99	156.87	-95.63	1,890.85	6,672.79	2,022.86	1,765.15	257.71	7.849		
12,600.00	7,105.63	12,578.90	7,274.38	102.63	159.63	-95.63	1,888.09	6,766.23	2,019.28	1,757.19	262.09	7.705		
12,700.00	7,105.18	12,676.83	7,273.37	104.28	162.52	-95.63	1,885.47	6,864.12	2,015.95	1,749.35	266.60	7.562		
12,800.00	7,104.73	12,759.04	7,272.52	105.92	164.94	-95.62	1,883.61	6,946.30	2,013.05	1,742.42	270.64	7.438		
12,900.00	7,104.29	12,833.37	7,271.71	107.57	167.13	-95.61	1,882.74	7,020.62	2,011.24	1,736.84	274.39	7.330		
13,000.00	7,103.84	12,910.98	7,271.10	109.22	169.41	-95.60	1,882.87	7,098.23	2,010.74	1,732.52	278.22	7.227		
13,003.48	7,103.83	12,913.96	7,271.08	109.27	169.50	-95.60	1,882.89	7,101.21	2,010.74	1,732.38	278.36	7.223		
13,100.00	7,103.39	12,969.00	7,270.77	110.86	171.12	-95.60	1,883.36	7,156.24	2,011.29	1,729.99	281.30	7.150		
13,200.00	7,102.95	13,029.09	7,270.44	112.51	172.87	-95.59	1,885.08	7,216.31	2,013.86	1,729.52	284.34	7.083		
13,300.00	7,102.50	13,102.79	7,270.20	114.16	175.01	-95.59	1,889.49	7,289.87	2,019.05	1,731.22	287.83	7.015		
13,400.00	7,102.06	13,274.25	7,272.73	115.81	180.02	-95.66	1,895.84	7,461.18	2,022.10	1,726.97	295.14	6.851		
13,500.00	7,101.61	13,341.00	7,271.94	117.46	181.98	-95.64	1,898.12	7,527.88	2,024.79	1,726.33	298.46	6.784		
13,600.00	7,101.16	13,419.07	7,271.34	119.11	184.25	-95.63	1,901.82	7,605.85	2,028.86	1,726.70	302.15	6.715		
13,700.00	7,100.72	13,558.80	7,274.04	120.77	188.34	-95.71	1,907.63	7,745.43	2,032.71	1,724.48	308.23	6.595		
13,800.00	7,100.27	13,774.75	7,275.32	122.42	194.70	-95.77	1,908.92	7,961.35	2,033.24	1,716.59	316.65	6.421		
13,900.00	7,099.82	13,923.10	7,275.98	124.07	199.09	-95.83	1,902.07	8,109.52	2,027.75	1,705.22	322.53	6.287		
14,000.00	7,099.38	13,973.81	7,275.84	125.72	200.59	-95.84	1,900.18	8,160.20	2,023.45	1,697.68	325.77	6.211		
14,100.00	7,098.93	14,029.39	7,275.31	127.38	202.23	-95.83	1,899.48	8,215.78	2,021.51	1,692.53	328.98	6.145		
14,144.50	7,098.73	14,055.80	7,275.03	128.11	203.01	-95.83	1,899.54	8,242.18	2,021.31	1,690.89	330.42	6.117		
14,200.00	7,098.49	14,089.00	7,274.68	129.03	203.99	-95.82	1,899.95	8,275.38	2,021.62	1,689.43	332.19	6.086		
14,300.00	7,098.04	14,186.27	7,273.54	130.69	206.84	-95.80	1,901.77	8,372.63	2,022.80	1,686.13	336.68	6.008		
14,400.00	7,097.59	14,285.23	7,273.02	132.34	209.75	-95.79	1,903.68	8,471.56	2,024.11	1,682.89	341.22	5.932		
14,500.00	7,097.15	14,413.84	7,272.02	134.00	213.54	-95.78	1,905.35	8,600.16	2,024.79	1,677.98	346.80	5.838		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,570.71	7,096.83	14,479.56	7,271.09	135.17	215.47	-95.76	1,905.53	8,665.87	2,024.51	1,674.63	349.88	5.786	
14,600.00	7,096.70	14,494.22	7,270.87	135.65	215.90	-95.76	1,905.71	8,680.53	2,024.65	1,673.93	350.72	5.773	
14,700.00	7,096.25	14,554.00	7,269.95	137.31	217.66	-95.73	1,907.53	8,740.27	2,026.77	1,672.96	353.82	5.728	
14,800.00	7,095.81	14,649.61	7,267.60	138.97	220.45	-95.67	1,911.58	8,835.76	2,030.17	1,671.92	358.25	5.667	
14,900.00	7,095.36	14,748.64	7,264.30	140.63	223.35	-95.58	1,915.57	8,934.66	2,033.29	1,670.47	362.82	5.604	
15,000.00	7,094.91	14,867.59	7,260.30	142.28	226.84	-95.48	1,919.63	9,053.47	2,035.78	1,667.61	368.17	5.529	
15,100.00	7,094.47	14,976.52	7,256.74	143.94	230.03	-95.38	1,922.81	9,162.29	2,037.83	1,664.70	373.12	5.462	
15,200.00	7,094.02	15,118.91	7,252.06	145.60	234.22	-95.26	1,925.25	9,304.59	2,038.73	1,659.48	379.25	5.376	
15,300.00	7,093.58	15,229.20	7,248.59	147.26	237.48	-95.18	1,925.13	9,414.82	2,037.73	1,653.52	384.21	5.304	
15,346.95	7,093.37	15,258.78	7,248.04	148.04	238.35	-95.17	1,925.22	9,444.39	2,037.53	1,651.73	385.80	5.281	
15,400.00	7,093.13	15,299.00	7,247.81	148.92	239.53	-95.17	1,925.70	9,484.61	2,037.80	1,650.01	387.80	5.255	
15,500.00	7,092.68	15,414.93	7,248.06	150.58	242.95	-95.19	1,926.91	9,600.53	2,038.34	1,645.42	392.92	5.188	
15,600.00	7,092.24	15,519.50	7,248.37	152.23	246.04	-95.21	1,926.89	9,705.10	2,037.77	1,640.11	397.66	5.124	
15,632.66	7,092.09	15,544.49	7,248.44	152.78	246.78	-95.22	1,926.98	9,730.09	2,037.71	1,638.80	398.90	5.108	
15,700.00	7,091.79	15,578.00	7,248.51	153.89	247.77	-95.22	1,927.25	9,763.60	2,038.07	1,637.28	400.80	5.085	
15,800.00	7,091.34	15,650.07	7,248.74	155.55	249.88	-95.24	1,928.91	9,835.65	2,040.00	1,635.69	404.30	5.046	
15,900.00	7,090.90	15,841.36	7,249.70	157.21	255.52	-95.28	1,932.17	10,026.89	2,041.53	1,629.44	412.09	4.954	
16,000.00	7,090.45	16,093.35	7,250.74	158.87	262.99	-95.38	1,918.41	10,278.42	2,034.36	1,614.13	420.22	4.841	
16,100.00	7,090.01	16,175.39	7,251.02	160.54	265.43	-95.42	1,911.71	10,360.18	2,025.73	1,601.23	424.50	4.772	
16,200.00	7,089.56	16,247.19	7,251.34	162.20	267.56	-95.45	1,906.82	10,431.82	2,018.42	1,589.87	428.55	4.710	
16,300.00	7,089.11	16,325.00	7,251.67	163.86	269.87	-95.49	1,902.47	10,509.50	2,012.32	1,579.67	432.66	4.651	
16,400.00	7,088.67	16,388.52	7,251.90	165.52	271.75	-95.51	1,899.84	10,572.96	2,007.68	1,571.32	436.35	4.601	
16,500.00	7,088.22	16,449.29	7,252.11	167.18	273.55	-95.53	1,898.43	10,633.72	2,004.86	1,565.04	439.83	4.558	
16,578.77	7,087.87	16,495.10	7,252.31	168.49	274.90	-95.54	1,898.22	10,679.52	2,004.09	1,561.72	442.38	4.530 CC	
16,600.00	7,087.77	16,512.00	7,252.40	168.84	275.40	-95.54	1,898.33	10,696.42	2,004.12	1,560.92	443.20	4.522	
16,700.00	7,087.33	16,585.37	7,252.75	170.50	277.57	-95.56	1,899.39	10,769.79	2,004.99	1,558.16	446.83	4.487	
16,800.00	7,086.88	16,661.92	7,253.04	172.17	279.82	-95.58	1,901.29	10,846.31	2,006.94	1,556.44	450.50	4.455	
16,900.00	7,086.43	16,749.69	7,253.31	173.83	282.39	-95.59	1,904.44	10,934.03	2,009.95	1,555.37	454.58	4.422	
17,000.00	7,085.99	16,879.69	7,252.89	175.49	286.21	-95.58	1,908.69	11,063.95	2,012.69	1,552.34	460.35	4.372	
17,100.00	7,085.54	16,980.66	7,252.35	177.15	289.19	-95.58	1,910.93	11,164.89	2,014.29	1,549.30	464.98	4.332	
17,200.00	7,085.10	17,069.22	7,252.85	178.82	291.79	-95.60	1,913.08	11,253.42	2,016.20	1,547.08	469.12	4.298	
17,300.00	7,084.65	17,158.03	7,253.31	180.48	294.40	-95.61	1,915.74	11,342.19	2,018.67	1,545.42	473.25	4.266	
17,400.00	7,084.20	17,251.31	7,254.36	182.14	297.14	-95.65	1,918.90	11,435.42	2,021.59	1,544.05	477.54	4.233	
17,500.00	7,083.76	17,405.39	7,259.52	183.81	301.68	-95.81	1,922.22	11,589.36	2,023.61	1,539.53	484.07	4.180	
17,600.00	7,083.31	17,533.62	7,265.36	185.47	305.47	-95.99	1,921.66	11,717.45	2,023.01	1,533.54	489.48	4.133	
17,700.00	7,082.86	17,722.08	7,269.81	187.13	311.05	-96.16	1,915.81	11,905.72	2,019.42	1,523.12	496.30	4.069	
17,800.00	7,082.42	17,769.88	7,269.32	188.80	312.47	-96.16	1,914.08	11,953.48	2,015.25	1,515.63	499.63	4.034	
17,900.00	7,081.97	17,822.00	7,268.84	190.46	314.01	-96.15	1,913.84	12,005.60	2,013.92	1,511.15	502.78	4.006	
17,907.93	7,081.94	17,822.00	7,268.84	190.59	314.01	-96.15	1,913.84	12,005.60	2,013.91	1,511.04	502.87	4.005	
17,993.68	7,081.55	17,888.10	7,268.31	192.02	315.96	-96.15	1,914.79	12,071.70	2,014.52	1,508.40	506.12	3.980 ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,700.00	5,622.71	8,252.98	7,059.14	15.36	38.38	-104.61	1,859.07	894.59	2,462.12	2,413.67	48.45	50.821		
5,800.00	5,721.21	8,239.37	7,059.65	15.67	38.03	-104.24	1,858.73	908.18	2,406.68	2,357.62	49.06	49.051		
5,900.00	5,819.71	8,225.83	7,060.14	15.97	37.68	-103.87	1,858.44	921.71	2,354.07	2,304.39	49.67	47.390		
6,000.00	5,918.21	8,209.00	7,060.75	16.28	37.25	-103.41	1,858.15	938.53	2,304.48	2,254.29	50.19	45.916		
6,100.00	6,016.71	8,209.00	7,060.75	16.59	37.25	-103.41	1,858.15	938.53	2,258.13	2,207.04	51.09	44.199		
6,200.00	6,115.21	8,209.00	7,060.75	16.91	37.25	-103.41	1,858.15	938.53	2,215.33	2,163.36	51.97	42.625		
6,300.00	6,213.70	8,182.09	7,061.73	17.22	36.56	-102.66	1,857.95	965.42	2,175.94	2,123.78	52.16	41.715		
6,400.00	6,312.20	8,172.28	7,062.09	17.53	36.32	-102.39	1,857.98	975.23	2,140.55	2,087.82	52.72	40.599		
6,500.00	6,410.70	8,162.45	7,062.46	17.85	36.07	-102.12	1,858.06	985.05	2,109.21	2,055.97	53.23	39.621		
6,600.00	6,509.20	8,152.60	7,062.83	18.17	35.82	-101.85	1,858.19	994.88	2,082.11	2,028.42	53.68	38.784		
6,700.00	6,607.69	8,142.73	7,063.20	18.48	35.57	-101.21	1,858.38	1,004.75	2,059.41	2,005.34	54.07	38.090		
6,800.00	6,704.15	8,116.00	7,064.23	18.86	34.89	-98.68	1,859.15	1,031.45	2,041.94	1,987.94	54.00	37.813		
6,900.00	6,795.38	8,103.17	7,064.72	19.35	34.57	-98.20	1,859.63	1,044.25	2,030.06	1,975.72	54.33	37.362 SF		
7,000.00	6,879.12	8,060.51	7,066.36	19.94	33.52	-97.16	1,861.43	1,086.84	2,023.65	1,969.69	53.96	37.504		
7,100.00	6,953.32	7,981.90	7,069.34	20.64	31.62	-95.39	1,865.19	1,165.31	2,021.89	1,969.12	52.77	38.315 ES		
7,154.01	6,988.78	7,914.77	7,071.92	21.07	30.03	-94.07	1,867.40	1,232.35	2,021.63	1,970.01	51.61	39.171 CC		
7,200.00	7,016.16	7,884.35	7,073.10	21.44	29.33	-93.46	1,868.33	1,262.73	2,021.93	1,970.65	51.28	39.433		
7,300.00	7,066.07	7,813.24	7,075.86	22.34	27.71	-92.16	1,870.96	1,333.74	2,024.38	1,973.82	50.55	40.046		
7,400.00	7,101.84	7,736.08	7,078.87	23.34	26.03	-90.99	1,874.46	1,410.77	2,028.57	1,978.71	49.86	40.688		
7,500.00	7,122.58	7,650.80	7,082.18	24.40	24.29	-90.08	1,878.96	1,495.86	2,033.67	1,984.48	49.19	41.340		
7,600.00	7,127.94	7,593.80	7,081.98	25.51	23.21	-89.50	1,882.69	1,552.72	2,039.81	1,990.61	49.21	41.455		
7,700.00	7,127.49	7,532.91	7,075.67	26.66	22.18	-89.34	1,887.96	1,613.02	2,047.94	1,998.67	49.27	41.569		
7,800.00	7,127.05	7,453.62	7,060.55	27.87	21.65	-88.92	1,895.59	1,690.45	2,057.42	2,008.27	49.15	41.862		
7,900.00	7,126.60	7,376.82	7,040.14	29.13	21.64	-88.37	1,903.34	1,764.08	2,067.94	2,018.67	49.26	41.978		
8,000.00	7,126.16	7,272.00	7,002.08	30.43	21.68	-87.33	1,913.32	1,861.11	2,078.97	2,029.53	49.43	42.056		
8,100.00	7,125.71	7,224.91	6,980.07	31.76	21.70	-86.73	1,917.65	1,902.50	2,091.55	2,041.31	50.23	41.636		
8,200.00	7,125.26	7,179.00	6,955.71	33.12	21.72	-86.08	1,922.55	1,941.10	2,107.10	2,056.08	51.02	41.302		
8,300.00	7,124.82	7,179.00	6,955.71	34.52	21.72	-86.08	1,922.55	1,941.10	2,126.23	2,074.21	52.01	40.878		
8,400.00	7,124.37	7,128.41	6,926.13	35.93	21.72	-85.28	1,929.18	1,981.58	2,148.04	2,095.18	52.86	40.636		
8,500.00	7,123.92	7,086.00	6,899.53	37.37	21.73	-84.58	1,936.09	2,013.87	2,173.90	2,120.22	53.69	40.492		
8,600.00	7,123.48	7,086.00	6,899.53	38.82	21.73	-84.58	1,936.09	2,013.87	2,202.77	2,148.19	54.58	40.356		
8,700.00	7,123.03	7,086.00	6,899.53	40.30	21.73	-84.58	1,936.09	2,013.87	2,235.74	2,180.31	55.44	40.331		
8,800.00	7,122.59	7,039.56	6,868.15	41.79	21.70	-83.75	1,944.97	2,046.92	2,270.90	2,214.67	56.22	40.392		
8,900.00	7,122.14	6,993.00	6,834.10	43.29	21.68	-82.87	1,955.09	2,076.99	2,310.54	2,253.59	56.95	40.574		
9,000.00	7,121.69	6,993.00	6,834.10	44.80	21.68	-82.87	1,955.09	2,076.99	2,352.07	2,294.40	57.67	40.787		
9,100.00	7,121.25	6,993.00	6,834.10	46.33	21.68	-82.87	1,955.09	2,076.99	2,397.05	2,338.71	58.34	41.089		
9,200.00	7,120.80	6,993.00	6,834.10	47.86	21.68	-82.87	1,955.09	2,076.99	2,445.30	2,386.34	58.96	41.473		
9,300.00	7,120.35	6,993.00	6,834.10	49.40	21.68	-82.87	1,955.09	2,076.99	2,496.63	2,437.09	59.54	41.934		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 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	62.33	585.46	1,116.67	1,260.97					
100.00	100.00	89.67	89.67	3.28	3.28	62.35	585.04	1,116.59	1,260.59	1,253.24	7.36	171.377		
200.00	200.00	185.33	185.33	3.31	3.29	62.36	584.58	1,116.30	1,260.10	1,252.71	7.39	170.522		
300.00	299.99	279.39	279.39	3.35	3.32	-35.30	584.92	1,116.08	1,259.16	1,251.71	7.46	168.881		
400.00	399.88	383.56	383.56	3.41	3.36	-35.48	585.39	1,115.98	1,255.59	1,248.03	7.56	166.104		
500.00	499.55	479.71	479.70	3.50	3.41	-35.80	585.99	1,115.60	1,249.01	1,241.31	7.70	162.280		
600.00	598.89	588.39	588.38	3.61	3.48	-36.28	586.49	1,115.20	1,239.59	1,231.71	7.88	157.260		
700.00	697.76	678.03	678.01	3.76	3.55	-36.83	586.95	1,114.60	1,227.21	1,219.12	8.09	151.648		
800.00	796.26	775.31	775.29	3.95	3.63	-37.38	587.79	1,114.47	1,213.71	1,205.36	8.35	145.440		
900.00	894.76	881.00	880.98	4.17	3.74	-37.96	588.70	1,113.95	1,199.96	1,191.33	8.64	138.952		
1,000.00	993.26	977.04	977.01	4.40	3.84	-38.52	589.69	1,113.00	1,186.00	1,177.05	8.95	132.577		
1,100.00	1,091.76	1,075.74	1,075.69	4.66	3.96	-39.13	591.05	1,112.07	1,172.37	1,163.08	9.29	126.253		
1,200.00	1,190.26	1,166.76	1,166.69	4.94	4.07	-39.71	592.62	1,111.17	1,159.01	1,149.37	9.64	120.230		
1,300.00	1,288.76	1,272.20	1,272.12	5.23	4.21	-40.40	594.56	1,110.50	1,146.18	1,136.14	10.03	114.224		
1,400.00	1,387.26	1,364.89	1,364.79	5.53	4.34	-41.02	596.07	1,109.40	1,132.91	1,122.48	10.43	108.609		
1,500.00	1,485.76	1,464.67	1,464.54	5.84	4.49	-41.71	598.12	1,108.77	1,120.46	1,109.61	10.85	103.224		
1,600.00	1,584.26	1,572.05	1,571.90	6.16	4.65	-42.47	599.86	1,107.41	1,107.43	1,096.12	11.30	97.965		
1,700.00	1,682.75	1,683.74	1,683.57	6.49	4.82	-43.25	600.60	1,105.46	1,093.64	1,081.86	11.77	92.893		
1,800.00	1,781.25	1,781.81	1,781.62	6.83	4.98	-43.94	600.69	1,103.22	1,079.24	1,067.00	12.24	88.204		
1,900.00	1,879.75	1,874.22	1,873.99	7.01	5.13	-44.64	601.40	1,101.03	1,065.34	1,052.99	12.35	86.240		
2,000.00	1,978.25	1,969.05	1,968.79	7.05	5.29	-45.42	602.96	1,098.74	1,052.11	1,039.56	12.55	83.824		
2,100.00	2,076.75	2,061.17	2,060.86	7.11	5.45	-46.20	604.82	1,096.64	1,039.42	1,026.65	12.77	81.425		
2,200.00	2,175.25	2,152.18	2,151.83	7.18	5.61	-46.99	607.05	1,095.07	1,027.63	1,014.64	13.00	79.069		
2,300.00	2,273.75	2,243.74	2,243.35	7.27	5.77	-47.79	609.58	1,094.02	1,016.72	1,003.48	13.25	76.751		
2,400.00	2,372.25	2,336.40	2,335.97	7.37	5.94	-48.59	612.11	1,093.75	1,006.67	993.15	13.52	74.475		
2,500.00	2,470.75	2,436.01	2,435.54	7.49	6.12	-49.46	615.08	1,093.74	997.21	983.39	13.82	72.173		
2,600.00	2,569.25	2,536.75	2,536.23	7.62	6.31	-50.39	618.06	1,092.88	987.34	973.21	14.14	69.843		
2,700.00	2,667.74	2,628.22	2,627.65	7.76	6.48	-51.24	620.97	1,092.72	978.38	963.93	14.45	67.686		
2,800.00	2,766.24	2,728.86	2,728.23	7.92	6.67	-52.20	624.44	1,092.34	969.71	954.91	14.81	65.495		
2,900.00	2,864.74	2,828.26	2,827.57	8.08	6.85	-53.20	628.07	1,091.67	961.25	946.08	15.17	63.367		
3,000.00	2,963.24	2,930.89	2,930.12	8.26	7.05	-54.26	631.80	1,090.40	952.70	937.15	15.55	61.255		
3,100.00	3,061.74	3,030.98	3,030.12	8.45	7.25	-55.36	635.64	1,088.53	944.18	928.24	15.94	59.215		
3,200.00	3,160.24	3,129.97	3,128.99	8.65	7.44	-56.50	639.67	1,086.06	935.79	919.44	16.35	57.245		
3,300.00	3,258.74	3,224.57	3,223.47	8.85	7.62	-57.62	643.78	1,083.62	927.92	911.17	16.75	55.392		
3,400.00	3,357.24	3,320.53	3,319.31	9.07	7.81	-58.77	648.29	1,081.45	920.91	903.74	17.17	53.637		
3,500.00	3,455.74	3,428.61	3,427.24	9.29	8.03	-60.11	652.92	1,078.21	913.53	895.91	17.62	51.845		
3,600.00	3,554.23	3,526.08	3,524.59	9.52	8.22	-61.32	656.61	1,075.34	906.24	888.18	18.06	50.183		
3,700.00	3,652.73	3,623.44	3,621.87	9.76	8.42	-62.50	659.89	1,072.96	899.32	880.82	18.50	48.601		
3,800.00	3,751.23	3,719.27	3,717.62	10.00	8.61	-63.67	663.22	1,071.07	893.16	874.21	18.95	47.122		
3,900.00	3,849.73	3,826.23	3,824.49	10.25	8.83	-65.00	666.48	1,068.37	886.75	867.32	19.43	45.634		
4,000.00	3,948.23	3,926.78	3,924.97	10.50	9.03	-66.26	669.17	1,065.65	880.36	860.46	19.90	44.233		
4,100.00	4,046.73	4,034.66	4,032.77	10.76	9.25	-67.66	671.38	1,062.07	873.57	853.18	20.39	42.840		
4,200.00	4,145.23	4,135.61	4,133.63	11.02	9.45	-69.00	672.78	1,057.98	866.30	845.43	20.87	41.504		
4,300.00	4,243.73	4,228.40	4,226.30	11.29	9.64	-70.30	674.64	1,053.83	859.86	838.52	21.34	40.284		
4,400.00	4,342.23	4,324.21	4,321.99	11.56	9.84	-71.66	676.87	1,049.63	854.25	832.43	21.83	39.138		
4,500.00	4,440.72	4,418.36	4,416.04	11.84	10.03	-73.00	679.18	1,045.76	849.41	827.10	22.31	38.075		
4,600.00	4,539.22	4,507.51	4,505.09	12.12	10.22	-74.27	681.97	1,042.52	845.86	823.08	22.78	37.126		
4,700.00	4,637.72	4,601.80	4,599.28	12.40	10.41	-75.58	685.28	1,039.91	843.51	820.24	23.27	36.248		
4,800.00	4,736.22	4,700.97	4,698.37	12.69	10.62	-76.93	688.68	1,037.74	841.78	818.01	23.77	35.414		
4,900.00	4,834.72	4,798.42	4,795.74	12.97	10.82	-78.24	691.88	1,035.85	840.48	816.21	24.27	34.634		
5,000.00	4,933.22	4,894.76	4,892.02	13.26	11.02	-79.53	695.10	1,034.22	839.77	815.01	24.76	33.911		
5,079.81	5,011.84	4,972.90	4,970.10	13.50	11.18	-80.57	697.81	1,032.91	839.62	814.46	25.16	33.365 CC		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 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	5,031.72	4,992.68	4,989.87	13.56	11.22	-80.84	698.49	1,032.57	839.63	814.37	25.27	33.232		
5,200.00	5,130.22	5,095.20	5,092.32	13.85	11.44	-82.20	701.78	1,030.86	839.71	813.94	25.78	32.575		
5,300.00	5,228.72	5,190.25	5,187.31	14.15	11.64	-83.48	704.74	1,029.13	840.12	813.85	26.27	31.974		
5,400.00	5,327.21	5,298.94	5,295.92	14.45	11.86	-84.97	707.87	1,026.53	840.66	813.86	26.80	31.367		
5,500.00	5,425.71	5,408.59	5,405.51	14.75	12.09	-86.50	709.60	1,023.19	840.29	812.96	27.33	30.751		
5,554.39	5,479.29	5,457.29	5,454.17	14.92	12.19	-87.19	710.24	1,021.54	840.12	812.53	27.59	30.451		
5,600.00	5,524.21	5,499.25	5,496.10	15.05	12.28	-87.78	710.93	1,020.10	840.24	812.43	27.81	30.211 ES		
5,700.00	5,622.71	5,598.40	5,595.16	15.36	12.49	-89.22	712.71	1,016.25	840.97	812.66	28.32	29.701		
5,800.00	5,721.21	5,691.81	5,688.47	15.67	12.69	-90.61	714.61	1,012.17	842.40	813.60	28.81	29.245		
5,900.00	5,819.71	5,791.12	5,787.64	15.97	12.89	-92.09	716.83	1,007.56	844.58	815.27	29.31	28.819		
6,000.00	5,918.21	5,893.54	5,889.93	16.28	13.11	-93.63	718.71	1,002.59	846.93	817.12	29.81	28.409		
6,100.00	6,016.71	5,992.27	5,988.53	16.59	13.32	-95.09	720.14	997.91	849.47	819.16	30.31	28.027		
6,200.00	6,115.21	6,093.80	6,089.93	16.91	13.53	-96.60	721.33	992.92	852.31	821.50	30.81	27.664		
6,300.00	6,213.70	6,185.13	6,181.13	17.22	13.72	-97.96	722.47	988.22	855.79	824.50	31.29	27.353		
6,400.00	6,312.20	6,283.26	6,279.11	17.53	13.93	-99.42	724.10	982.92	860.26	828.48	31.78	27.072		
6,500.00	6,410.70	6,377.10	6,372.78	17.85	14.13	-100.83	725.68	977.54	865.34	833.09	32.26	26.828		
6,600.00	6,509.20	6,482.44	6,477.94	18.17	14.35	-102.38	727.42	971.58	870.98	838.22	32.76	26.588		
6,700.00	6,607.69	6,582.33	6,577.67	18.48	14.56	-103.30	728.21	966.02	876.34	843.09	33.25	26.359		
6,800.00	6,704.15	6,668.25	6,663.44	18.86	14.74	-100.94	729.16	961.05	883.71	849.96	33.75	26.187		
6,900.00	6,795.38	6,748.30	6,743.33	19.35	14.91	-100.95	730.99	956.49	895.62	861.32	34.30	26.109 SF		
7,000.00	6,879.12	6,822.26	6,817.15	19.94	15.07	-101.45	733.32	952.45	913.27	878.37	34.91	26.163		
7,100.00	6,953.32	6,887.37	6,882.12	20.64	15.21	-101.66	735.86	949.04	938.01	902.48	35.53	26.397		
7,200.00	7,016.16	6,947.73	6,942.35	21.44	15.34	-101.36	738.46	946.09	970.75	934.56	36.18	26.828		
7,300.00	7,066.07	6,996.98	6,991.51	22.34	15.44	-99.90	740.58	944.03	1,011.75	974.94	36.81	27.486		
7,400.00	7,101.84	7,028.91	7,023.39	23.34	15.51	-96.63	741.98	942.86	1,060.98	1,023.62	37.36	28.400		
7,500.00	7,122.58	7,046.22	7,040.67	24.40	15.55	-91.48	742.78	942.28	1,117.54	1,079.73	37.81	29.556		
7,600.00	7,127.94	7,048.38	7,042.83	25.51	15.55	-85.51	742.88	942.21	1,179.76	1,141.62	38.14	30.932		
7,700.00	7,127.49	7,044.65	7,039.11	26.66	15.55	-85.28	742.71	942.33	1,246.62	1,208.22	38.40	32.466		
7,800.00	7,127.05	7,040.83	7,035.29	27.87	15.54	-85.03	742.53	942.45	1,317.67	1,279.05	38.62	34.122		
7,900.00	7,126.60	7,036.90	7,031.37	29.13	15.53	-84.78	742.35	942.58	1,392.27	1,353.47	38.80	35.884		
8,000.00	7,126.16	7,032.86	7,027.34	30.43	15.52	-84.53	742.16	942.72	1,469.89	1,430.93	38.95	37.734		
8,100.00	7,125.71	7,028.71	7,023.19	31.76	15.51	-84.27	741.97	942.86	1,550.06	1,510.97	39.08	39.659		
8,200.00	7,125.26	7,024.44	7,018.93	33.12	15.50	-84.00	741.78	943.01	1,632.41	1,593.21	39.20	41.648		
8,300.00	7,124.82	7,020.05	7,014.55	34.52	15.49	-83.72	741.58	943.17	1,716.62	1,677.33	39.29	43.692		
8,400.00	7,124.37	7,017.35	7,011.85	35.93	15.49	-83.55	741.44	943.27	1,802.44	1,763.06	39.38	45.770		
8,500.00	7,123.92	7,012.17	7,006.68	37.37	15.48	-83.22	741.22	943.45	1,889.65	1,850.20	39.45	47.901		
8,600.00	7,123.48	7,006.82	7,001.34	38.82	15.47	-82.88	741.00	943.65	1,978.05	1,938.55	39.51	50.067		
8,700.00	7,123.03	7,001.29	6,995.81	40.30	15.45	-82.53	740.76	943.86	2,067.51	2,027.95	39.56	52.261		
8,800.00	7,122.59	6,995.56	6,990.10	41.79	15.44	-82.17	740.52	944.08	2,157.88	2,118.27	39.61	54.481		
8,900.00	7,122.14	6,989.64	6,984.18	43.29	15.43	-81.80	740.26	944.32	2,249.05	2,209.40	39.65	56.723		
9,000.00	7,121.69	6,983.50	6,978.06	44.80	15.42	-81.41	740.00	944.56	2,340.94	2,301.25	39.69	58.983		
9,100.00	7,121.25	6,977.14	6,971.71	46.33	15.40	-81.01	739.73	944.82	2,433.45	2,393.72	39.72	61.259		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program:		100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
3,300.00	3,258.74	4,444.65	4,206.60	8.85	18.11	-101.36	2,220.70	501.86	2,499.81	2,476.88	22.93	109.019	
3,400.00	3,357.24	4,509.55	4,266.04	9.07	18.44	-101.70	2,194.73	499.97	2,462.40	2,439.00	23.40	105.212	
3,500.00	3,455.74	4,571.74	4,323.26	9.29	18.75	-102.05	2,170.48	497.76	2,426.18	2,402.30	23.88	101.598	
3,600.00	3,554.23	4,628.99	4,376.20	9.52	19.03	-102.38	2,148.81	495.28	2,391.27	2,366.91	24.35	98.194	
3,700.00	3,652.73	4,682.32	4,425.80	9.76	19.29	-102.71	2,129.41	492.59	2,357.98	2,333.16	24.82	94.998	
3,800.00	3,751.23	4,744.00	4,483.49	10.00	19.59	-103.10	2,107.85	489.19	2,326.30	2,300.99	25.31	91.898	
3,900.00	3,849.73	4,800.00	4,536.08	10.25	19.85	-103.45	2,088.83	486.22	2,295.96	2,270.16	25.80	89.000	
4,000.00	3,948.23	4,871.64	4,603.67	10.50	20.18	-103.91	2,065.35	482.71	2,266.96	2,240.64	26.32	86.123	
4,100.00	4,046.73	4,942.92	4,671.26	10.76	20.50	-104.36	2,042.94	479.60	2,239.39	2,212.54	26.85	83.402	
4,200.00	4,145.23	5,018.05	4,742.69	11.02	20.84	-104.83	2,019.85	476.68	2,212.76	2,185.37	27.39	80.781	
4,300.00	4,243.73	5,084.00	4,805.63	11.29	21.13	-105.24	2,000.30	474.24	2,187.41	2,159.50	27.91	78.366	
4,400.00	4,342.23	5,155.06	4,873.70	11.56	21.43	-105.69	1,980.06	471.65	2,163.43	2,134.98	28.45	76.045	
4,500.00	4,440.72	5,221.86	4,937.89	11.84	21.72	-106.12	1,961.70	469.30	2,140.69	2,111.72	28.98	73.879	
4,600.00	4,539.22	5,279.33	4,993.36	12.12	21.95	-106.48	1,946.85	467.50	2,119.74	2,090.27	29.47	71.919	
4,700.00	4,637.72	5,338.70	5,050.97	12.40	22.19	-106.86	1,932.54	465.85	2,100.70	2,070.72	29.97	70.084	
4,800.00	4,736.22	5,400.00	5,110.68	12.69	22.43	-107.24	1,918.81	464.21	2,083.51	2,053.03	30.48	68.362	
4,900.00	4,834.72	5,462.31	5,171.61	12.97	22.66	-107.63	1,905.85	462.55	2,068.14	2,037.16	30.98	66.757	
5,000.00	4,933.22	5,525.63	5,233.72	13.26	22.89	-108.02	1,893.69	460.83	2,054.56	2,023.07	31.48	65.259	
5,100.00	5,031.72	5,589.15	5,296.22	13.56	23.12	-108.42	1,882.50	459.03	2,042.78	2,010.80	31.98	63.871	
5,200.00	5,130.22	5,653.99	5,360.20	13.85	23.34	-108.82	1,872.11	457.15	2,032.79	2,000.31	32.48	62.581	
5,300.00	5,228.72	5,720.13	5,425.62	14.15	23.56	-109.23	1,862.56	455.25	2,024.57	1,991.59	32.98	61.382	
5,400.00	5,327.21	5,788.40	5,493.28	14.45	23.79	-109.65	1,853.71	453.27	2,018.01	1,984.52	33.49	60.260	
5,500.00	5,425.71	5,853.59	5,558.01	14.75	23.99	-110.05	1,846.25	451.36	2,013.15	1,979.18	33.97	59.255	
5,600.00	5,524.21	5,924.25	5,628.31	15.05	24.21	-110.47	1,839.34	449.29	2,010.07	1,975.59	34.48	58.298	
5,700.00	5,622.71	6,010.40	5,714.09	15.36	24.46	-110.97	1,831.74	447.26	2,008.05	1,973.00	35.05	57.289	
5,800.00	5,721.21	6,096.56	5,799.94	15.67	24.71	-111.47	1,824.66	445.26	2,006.80	1,971.18	35.62	56.336	
5,900.00	5,819.71	6,185.80	5,888.86	15.97	24.97	-112.00	1,817.64	442.52	2,006.26	1,970.05	36.21	55.406	
5,921.23	5,840.62	6,204.73	5,907.72	16.04	25.03	-112.11	1,816.16	441.81	2,006.23	1,969.90	36.34	55.215 CC, ES	
6,000.00	5,918.21	6,260.51	5,963.31	16.28	25.19	-112.46	1,812.12	439.49	2,006.66	1,969.93	36.73	54.636	
6,100.00	6,016.71	6,336.49	6,039.05	16.59	25.40	-112.94	1,807.34	435.86	2,008.48	1,971.23	37.25	53.924	
6,200.00	6,115.21	6,437.17	6,139.48	16.91	25.65	-113.55	1,801.95	431.55	2,011.31	1,973.45	37.86	53.122	
6,300.00	6,213.70	6,500.00	6,202.22	17.22	25.80	-113.83	1,798.94	432.72	2,013.76	1,975.49	38.27	52.618	
6,400.00	6,312.20	6,560.86	6,263.01	17.53	25.84	-114.04	1,797.60	435.26	2,018.15	1,979.59	38.56	52.334	
6,500.00	6,410.70	6,600.00	6,302.12	17.85	25.88	-114.18	1,798.28	436.36	2,026.04	1,987.27	38.77	52.255	
6,600.00	6,509.20	6,684.20	6,386.26	18.17	25.84	-114.49	1,801.13	438.04	2,035.89	1,996.86	39.03	52.158	
6,700.00	6,607.69	6,775.72	6,477.71	18.48	25.81	-114.26	1,804.44	439.31	2,046.24	2,006.93	39.31	52.048	
6,800.00	6,704.15	6,837.77	6,539.71	18.86	25.78	-110.02	1,806.99	439.71	2,060.06	2,020.46	39.60	52.018	
6,900.00	6,795.38	6,900.00	6,601.81	19.35	25.76	-107.66	1,810.77	438.98	2,080.55	2,040.53	40.02	51.982	
7,000.00	6,879.12	7,000.00	6,778.94	19.94	25.74	-107.51	1,817.06	436.48	2,104.05	2,063.12	40.93	51.412	
7,100.00	6,953.32	7,231.60	6,933.22	20.64	26.12	-107.56	1,815.80	437.16	2,128.88	2,086.62	42.26	50.377	
7,200.00	7,016.16	7,304.53	6,997.07	21.44	26.26	-105.86	1,814.70	438.00	2,159.50	2,116.29	43.21	49.976	
7,300.00	7,066.07	7,346.53	7,048.12	22.34	26.45	-103.45	1,813.81	438.68	2,196.28	2,151.97	44.31	49.567	
7,400.00	7,101.84	7,383.53	7,085.11	23.34	26.63	-100.14	1,813.17	439.17	2,238.95	2,193.53	45.41	49.303	
7,500.00	7,122.58	7,405.56	7,107.14	24.40	26.76	-95.83	1,812.79	439.46	2,286.85	2,240.39	46.46	49.226 SF	
7,600.00	7,127.94	7,412.23	7,113.81	25.51	26.82	-91.31	1,812.67	439.55	2,338.95	2,291.56	47.38	49.363	
7,700.00	7,127.49	7,413.10	7,114.67	26.66	26.83	-91.34	1,812.66	439.56	2,394.21	2,345.99	48.22	49.653	
7,800.00	7,127.05	7,413.97	7,115.54	27.87	26.84	-91.37	1,812.64	439.57	2,452.31	2,403.27	49.03	50.012	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,900.00	3,849.73	4,820.43	4,496.50	10.25	21.63	-78.82	2,141.36	1,478.39	2,495.58	2,465.48	30.09	82.927		
4,000.00	3,948.23	4,878.28	4,548.65	10.50	21.94	-78.58	2,119.92	1,491.31	2,464.13	2,433.43	30.70	80.276		
4,100.00	4,046.73	4,968.96	4,630.95	10.76	22.42	-78.21	2,087.38	1,511.10	2,433.75	2,402.34	31.42	77.471		
4,200.00	4,145.23	5,117.37	4,765.71	11.02	23.21	-77.63	2,032.84	1,540.87	2,402.11	2,369.79	32.33	74.310		
4,300.00	4,243.73	5,185.38	4,827.51	11.29	23.57	-77.37	2,007.66	1,554.00	2,370.14	2,337.17	32.97	71.881		
4,400.00	4,342.23	5,253.81	4,890.05	11.56	23.93	-77.11	1,983.13	1,567.04	2,339.26	2,305.64	33.62	69.579		
4,500.00	4,440.72	5,300.00	4,932.48	11.84	24.16	-76.94	1,967.06	1,575.65	2,309.65	2,275.46	34.19	67.546		
4,600.00	4,539.22	5,349.26	4,978.27	12.12	24.40	-76.79	1,951.12	1,584.35	2,282.04	2,247.28	34.76	65.657		
4,700.00	4,637.72	5,400.00	5,026.26	12.40	24.64	-76.67	1,936.79	1,592.48	2,257.10	2,221.78	35.32	63.911		
4,800.00	4,736.22	5,434.99	5,059.70	12.69	24.79	-76.61	1,927.93	1,597.68	2,234.38	2,198.59	35.80	62.420		
4,900.00	4,834.72	5,500.00	5,122.31	12.97	25.06	-76.53	1,912.97	1,606.78	2,213.81	2,177.45	36.37	60.877		
5,000.00	4,933.22	5,557.66	5,178.22	13.26	25.29	-76.48	1,900.96	1,614.16	2,194.83	2,157.94	36.89	59.499		
5,100.00	5,031.72	5,635.83	5,254.40	13.56	25.59	-76.46	1,885.90	1,623.07	2,176.96	2,139.50	37.47	58.101		
5,200.00	5,130.22	5,718.90	5,335.74	13.85	25.89	-76.49	1,871.11	1,631.12	2,159.86	2,121.81	38.05	56.766		
5,300.00	5,228.72	5,800.00	5,415.49	14.15	26.17	-76.56	1,857.86	1,637.57	2,143.48	2,104.87	38.61	55.522		
5,400.00	5,327.21	5,861.15	5,475.90	14.45	26.37	-76.66	1,849.17	1,641.27	2,128.38	2,089.31	39.07	54.473		
5,500.00	5,425.71	5,951.13	5,565.24	14.75	26.63	-76.90	1,838.90	1,644.27	2,114.85	2,075.26	39.59	53.414		
5,600.00	5,524.21	6,042.94	5,656.53	15.05	26.86	-77.23	1,829.14	1,644.05	2,100.88	2,060.81	40.07	52.427		
5,700.00	5,622.71	6,100.00	5,713.36	15.36	26.99	-77.48	1,824.28	1,642.83	2,088.35	2,047.91	40.44	51.635		
5,800.00	5,721.21	6,161.94	5,775.16	15.67	27.10	-77.77	1,820.34	1,641.18	2,077.74	2,036.96	40.79	50.941		
5,900.00	5,819.71	6,219.05	5,832.20	15.97	27.20	-78.05	1,818.00	1,639.82	2,069.31	2,028.20	41.11	50.337		
6,000.00	5,918.21	6,280.69	5,893.81	16.28	27.31	-78.35	1,816.38	1,639.10	2,062.84	2,021.40	41.44	49.779		
6,100.00	6,016.71	6,352.94	5,966.05	16.59	27.46	-78.68	1,815.42	1,639.17	2,058.07	2,016.26	41.82	49.218		
6,200.00	6,115.21	6,433.80	6,046.92	16.91	27.59	-79.05	1,815.21	1,639.29	2,054.47	2,012.29	42.18	48.703		
6,300.00	6,213.70	6,520.23	6,133.34	17.22	27.64	-79.48	1,815.83	1,638.65	2,051.66	2,009.19	42.47	48.303		
6,400.00	6,312.20	6,605.34	6,218.42	17.53	27.62	-79.94	1,817.27	1,637.16	2,049.63	2,006.96	42.67	48.032		
6,500.00	6,410.70	6,691.79	6,304.79	17.85	27.58	-80.44	1,819.68	1,634.39	2,048.36	2,005.51	42.86	47.794		
6,600.00	6,509.20	6,840.35	6,453.27	18.17	27.60	-81.26	1,822.12	1,630.90	2,046.55	2,003.34	43.20	47.368		
6,700.00	6,607.69	6,958.00	6,570.91	18.48	27.81	-81.32	1,820.38	1,631.68	2,042.65	1,998.93	43.71	46.729		
6,800.00	6,704.15	7,038.85	6,651.73	18.86	27.99	-78.95	1,819.10	1,632.87	2,036.66	1,992.48	44.18	46.100		
6,900.00	6,795.38	7,113.67	6,726.52	19.35	28.15	-79.26	1,818.47	1,635.04	2,028.04	1,983.37	44.68	45.394		
7,000.00	6,879.12	7,220.38	6,833.17	19.94	28.38	-81.20	1,817.27	1,638.26	2,016.55	1,971.18	45.37	44.443		
7,100.00	6,953.32	7,305.77	6,918.52	20.64	28.59	-83.61	1,815.73	1,640.67	2,003.12	1,957.04	46.07	43.477		
7,200.00	7,016.16	7,370.02	6,982.73	21.44	28.70	-85.99	1,814.42	1,642.46	1,989.64	1,942.93	46.71	42.595		
7,300.00	7,066.07	7,422.33	7,035.01	22.34	28.85	-88.20	1,813.35	1,643.91	1,977.81	1,930.35	47.46	41.673		
7,400.00	7,101.84	7,460.68	7,073.33	23.34	29.01	-89.94	1,812.56	1,644.98	1,969.00	1,920.71	48.29	40.773		
7,500.00	7,122.58	7,484.13	7,096.77	24.40	29.12	-90.98	1,812.08	1,645.63	1,964.31	1,915.22	49.09	40.015		
7,547.89	7,127.28	7,509.85	7,102.79	24.93	29.27	-91.18	1,811.96	1,645.80	1,963.74	1,914.14	49.61	39.585 CC, ES		
7,600.00	7,127.94	7,507.75	7,104.89	25.51	29.25	-91.22	1,811.92	1,645.86	1,964.42	1,914.48	49.95	39.330		
7,700.00	7,127.49	7,505.42	7,107.21	26.66	29.23	-91.29	1,811.87	1,645.92	1,969.59	1,918.94	50.65	38.887		
7,800.00	7,127.05	7,503.09	7,109.54	27.87	29.21	-91.35	1,811.82	1,645.99	1,979.79	1,928.41	51.38	38.533		
7,900.00	7,126.60	7,500.77	7,111.86	29.13	29.19	-91.42	1,811.77	1,646.05	1,994.96	1,942.83	52.12	38.274		
8,000.00	7,126.16	7,501.56	7,114.19	30.43	29.20	-91.49	1,811.73	1,646.12	2,014.98	1,962.07	52.91	38.085		
8,100.00	7,125.71	7,503.88	7,116.51	31.76	29.20	-91.56	1,811.68	1,646.18	2,039.70	1,986.02	53.68	37.995		
8,200.00	7,125.26	7,506.21	7,118.83	33.12	29.21	-91.62	1,811.63	1,646.25	2,068.97	2,014.51	54.46	37.992 SF		
8,300.00	7,124.82	7,508.53	7,121.16	34.52	29.26	-91.69	1,811.58	1,646.31	2,102.59	2,047.33	55.26	38.048		
8,400.00	7,124.37	7,510.86	7,123.48	35.93	29.28	-91.76	1,811.54	1,646.38	2,140.36	2,084.35	56.01	38.214		
8,500.00	7,123.92	7,513.19	7,125.81	37.37	29.30	-91.83	1,811.49	1,646.44	2,182.05	2,125.32	56.73	38.463		
8,600.00	7,123.48	7,515.51	7,128.13	38.82	29.32	-91.90	1,811.44	1,646.51	2,227.46	2,170.03	57.42	38.789		
8,700.00	7,123.03	7,517.84	7,130.46	40.30	29.33	-91.96	1,811.39	1,646.57	2,276.35	2,218.26	58.09	39.189		
8,800.00	7,122.59	7,520.16	7,132.78	41.79	29.35	-92.03	1,811.35	1,646.64	2,328.51	2,269.79	58.72	39.656		
8,900.00	7,122.14	7,522.49	7,135.10	43.29	29.37	-92.10	1,811.30	1,646.70	2,383.72	2,324.41	59.31	40.188		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program:	100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference	Offset	Semi Major Axis					Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	
9,000.00	7,121.69	7,524.81	7,137.43	44.80	29.39	-92.17	1,811.25	1,646.77	2,441.78	2,381.90	59.88	40.778		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	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	299.99	301.02	301.02	3.35	3.35	172.89	0.73	-99.95	101.06	93.40	7.66	13.189	
400.00	399.88	404.35	404.33	3.41	3.42	173.63	1.48	-98.20	103.89	96.10	7.79	13.341	
500.00	499.55	507.69	507.51	3.50	3.51	175.37	3.70	-93.03	106.96	99.01	7.95	13.458	
600.00	598.89	610.99	610.38	3.61	3.62	178.00	7.39	-84.45	110.42	102.28	8.15	13.554	
700.00	697.76	714.19	712.75	3.76	3.77	-178.58	12.53	-72.49	114.52	106.13	8.39	13.651	
800.00	796.26	817.27	814.46	3.95	3.95	-174.48	19.11	-57.16	118.33	109.65	8.68	13.636	
900.00	894.76	920.02	915.20	4.17	4.16	-169.54	27.11	-38.54	119.99	110.96	9.02	13.301	
1,000.00	993.26	1,019.41	1,012.28	4.40	4.41	-164.37	35.50	-19.01	121.28	111.83	9.45	12.839	
1,100.00	1,091.76	1,118.80	1,109.37	4.66	4.69	-159.34	43.89	0.52	123.55	113.62	9.92	12.448	
1,200.00	1,190.26	1,218.19	1,206.46	4.94	4.98	-154.52	52.28	20.05	126.74	116.28	10.45	12.124	
1,300.00	1,288.76	1,317.58	1,303.55	5.23	5.30	-149.97	60.68	39.58	130.79	119.76	11.03	11.858	
1,400.00	1,387.26	1,416.97	1,400.64	5.53	5.63	-145.72	69.07	59.11	135.61	123.97	11.64	11.646	
1,500.00	1,485.76	1,516.36	1,497.73	5.84	5.97	-141.78	77.46	78.65	141.14	128.84	12.30	11.479	
1,600.00	1,584.26	1,615.75	1,594.82	6.16	6.33	-138.14	85.85	98.18	147.29	134.31	12.97	11.353	
1,700.00	1,682.75	1,715.14	1,691.91	6.49	6.69	-134.81	94.24	117.71	153.98	140.31	13.68	11.260	
1,800.00	1,781.25	1,814.53	1,789.00	6.83	7.04	-131.76	102.63	137.24	161.15	146.78	14.37	11.214	
1,900.00	1,879.75	1,913.92	1,886.09	7.01	7.22	-128.98	111.02	156.77	168.74	154.35	14.39	11.726	
2,000.00	1,978.25	2,013.31	1,983.18	7.05	7.27	-126.44	119.41	176.30	176.70	162.17	14.52	12.165	
2,100.00	2,076.75	2,112.69	2,080.27	7.11	7.34	-124.12	127.81	195.83	184.97	170.28	14.69	12.595	
2,200.00	2,175.25	2,212.08	2,177.36	7.18	7.43	-122.00	136.20	215.36	193.51	178.64	14.88	13.009	
2,300.00	2,273.75	2,311.47	2,274.45	7.27	7.53	-120.07	144.59	234.90	202.30	187.21	15.09	13.405	
2,400.00	2,372.25	2,410.86	2,371.53	7.37	7.65	-118.29	152.98	254.43	211.30	195.97	15.33	13.780	
2,500.00	2,470.75	2,510.25	2,468.62	7.49	7.79	-116.66	161.37	273.96	220.48	204.88	15.60	14.132	
2,600.00	2,569.25	2,609.64	2,565.71	7.62	7.94	-115.17	169.76	293.49	229.83	213.93	15.89	14.460	
2,700.00	2,667.74	2,709.03	2,662.80	7.76	8.10	-113.79	178.15	313.02	239.32	223.11	16.21	14.762	
2,800.00	2,766.24	2,808.42	2,759.89	7.92	8.28	-112.51	186.54	332.55	248.94	232.39	16.55	15.040	
2,900.00	2,864.74	2,907.81	2,856.98	8.08	8.46	-111.33	194.94	352.08	258.67	241.76	16.91	15.294	
3,000.00	2,963.24	3,007.20	2,954.07	8.26	8.66	-110.24	203.33	371.62	268.50	251.21	17.29	15.525	
3,100.00	3,061.74	3,106.59	3,051.16	8.45	8.87	-109.22	211.72	391.15	278.42	260.73	17.70	15.734	
3,200.00	3,160.24	3,205.98	3,148.25	8.65	9.09	-108.28	220.11	410.68	288.43	270.31	18.11	15.922	
3,300.00	3,258.74	3,305.37	3,245.34	8.85	9.32	-107.40	228.50	430.21	298.50	279.95	18.55	16.091	
3,400.00	3,357.24	3,404.75	3,342.43	9.07	9.56	-106.57	236.89	449.74	308.65	289.64	19.00	16.242	
3,500.00	3,455.74	3,504.14	3,439.52	9.29	9.81	-105.80	245.28	469.27	318.85	299.38	19.47	16.377	
3,600.00	3,554.23	3,603.53	3,536.61	9.52	10.06	-105.07	253.67	488.80	329.10	309.15	19.95	16.497	
3,700.00	3,652.73	3,702.92	3,633.69	9.76	10.32	-104.39	262.07	508.34	339.41	318.96	20.44	16.603	
3,800.00	3,751.23	3,802.31	3,730.78	10.00	10.59	-103.75	270.46	527.87	349.75	328.81	20.95	16.696	
3,900.00	3,849.73	3,901.70	3,827.87	10.25	10.86	-103.15	278.85	547.40	360.14	338.68	21.46	16.779	
4,000.00	3,948.23	4,001.09	3,924.96	10.50	11.13	-102.58	287.24	566.93	370.57	348.58	21.99	16.851	
4,100.00	4,046.73	4,100.48	4,022.05	10.76	11.42	-102.04	295.63	586.46	381.03	358.50	22.53	16.914	
4,200.00	4,145.23	4,200.13	4,119.14	11.02	11.70	-101.53	304.02	605.99	391.52	368.45	23.07	16.969	
4,300.00	4,243.73	4,300.74	4,216.23	11.29	12.00	-101.05	312.41	625.52	402.05	378.42	23.63	17.014	
4,400.00	4,342.23	4,401.35	4,313.32	11.56	12.30	-100.59	320.80	645.06	412.59	388.40	24.20	17.052	
4,500.00	4,440.72	4,498.04	4,410.41	11.84	12.59	-100.15	329.20	664.59	423.17	398.41	24.76	17.093	
4,600.00	4,539.22	4,602.58	4,507.50	12.12	12.91	-99.74	337.59	684.12	433.76	408.42	25.35	17.113	
4,700.00	4,637.72	4,703.19	4,604.59	12.40	13.22	-99.35	345.98	703.65	444.38	418.45	25.93	17.136	
4,800.00	4,736.22	4,803.80	4,701.68	12.69	13.53	-98.97	354.37	723.18	455.02	428.50	26.52	17.155	
4,900.00	4,834.72	4,904.41	4,798.77	12.97	13.84	-98.61	362.76	742.71	465.68	438.55	27.12	17.170	
5,000.00	4,933.22	4,994.98	4,895.86	13.26	14.13	-98.27	371.15	762.24	476.35	448.66	27.69	17.202	
5,100.00	5,031.72	5,105.63	4,992.94	13.56	14.48	-97.94	379.54	781.77	487.04	458.71	28.33	17.191	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,130.22	5,206.24	5,090.03	13.85	14.80	-97.63	387.93	801.31	497.74	468.80	28.94	17.198	
5,300.00	5,228.72	5,306.85	5,187.12	14.15	15.13	-97.32	396.33	820.84	508.46	478.90	29.56	17.202	
5,400.00	5,327.21	5,407.46	5,284.21	14.45	15.46	-97.04	404.72	840.37	519.20	489.02	30.18	17.204	
5,500.00	5,425.71	5,508.07	5,381.30	14.75	15.78	-96.76	413.11	859.90	529.94	499.14	30.80	17.204	
5,600.00	5,524.21	5,608.68	5,478.39	15.05	16.11	-96.49	421.50	879.43	540.70	509.27	31.43	17.203	
5,700.00	5,622.71	5,690.71	5,575.48	15.36	16.39	-96.24	429.89	898.96	551.46	519.46	32.00	17.234	
5,800.00	5,721.21	5,790.09	5,672.57	15.67	16.72	-95.99	438.28	918.49	562.24	529.61	32.63	17.231	
5,900.00	5,819.71	5,889.48	5,769.66	15.97	17.05	-95.76	446.67	938.03	573.03	539.77	33.26	17.228	
6,000.00	5,918.21	5,988.87	5,866.75	16.28	17.38	-95.53	455.06	957.56	583.83	549.93	33.90	17.224	
6,100.00	6,016.71	6,088.26	5,963.84	16.59	17.71	-95.31	463.46	977.09	594.63	560.10	34.53	17.219	
6,200.00	6,115.21	6,187.65	6,060.93	16.91	18.05	-95.10	471.85	996.62	605.45	570.27	35.17	17.213	
6,300.00	6,213.70	6,287.04	6,158.02	17.22	18.38	-94.90	480.24	1,016.15	616.27	580.45	35.82	17.206	
6,400.00	6,312.20	6,386.43	6,255.10	17.53	18.72	-94.70	488.63	1,035.68	627.10	590.64	36.46	17.199	
6,500.00	6,410.70	6,485.82	6,352.19	17.85	19.06	-94.51	497.02	1,055.21	637.93	600.83	37.11	17.191	
6,600.00	6,509.20	6,585.21	6,449.28	18.17	19.40	-94.32	505.41	1,074.75	648.78	611.02	37.76	17.182	
6,700.00	6,607.69	6,684.60	6,546.37	18.48	19.74	-93.58	513.80	1,094.28	659.62	621.21	38.41	17.173	
6,800.00	6,704.15	6,783.73	6,643.21	18.86	20.08	-89.84	522.17	1,113.76	669.85	630.72	39.13	17.119	
6,900.00	6,795.38	6,880.67	6,737.91	19.35	20.41	-89.58	530.36	1,132.81	679.30	639.35	39.96	17.001	
7,000.00	6,879.12	6,975.35	6,829.99	19.94	20.75	-90.87	538.33	1,153.24	689.13	648.24	40.89	16.854	
7,100.00	6,953.32	7,075.41	6,923.42	20.64	21.21	-92.59	546.53	1,187.79	699.90	657.87	42.03	16.651	
7,200.00	7,016.16	7,182.56	7,016.15	21.44	21.83	-94.47	554.82	1,240.57	711.29	667.86	43.42	16.380	
7,300.00	7,066.07	7,298.11	7,104.73	22.34	22.65	-96.44	562.92	1,314.08	722.76	677.69	45.06	16.038	
7,400.00	7,101.84	7,423.31	7,184.04	23.34	23.70	-98.42	570.42	1,410.40	733.58	686.62	46.96	15.620	
7,500.00	7,122.58	7,558.91	7,246.98	24.40	25.02	-100.30	576.72	1,530.06	742.85	693.75	49.10	15.128	
7,600.00	7,127.94	7,704.72	7,284.88	25.51	26.60	-102.01	581.06	1,670.46	749.52	698.06	51.46	14.564	
7,700.00	7,127.49	7,838.42	7,291.92	26.66	28.14	-102.57	582.72	1,803.79	751.17	697.22	53.95	13.923	
7,800.00	7,127.05	7,938.42	7,291.70	27.87	29.32	-102.58	583.51	1,903.79	751.39	695.10	56.29	13.349	
7,900.00	7,126.60	8,038.42	7,291.48	29.13	30.55	-102.59	584.29	2,003.78	751.61	692.89	58.72	12.801	
8,000.00	7,126.16	8,138.42	7,291.25	30.43	31.83	-102.61	585.07	2,103.78	751.83	690.60	61.22	12.280	
8,100.00	7,125.71	8,238.42	7,291.03	31.76	33.13	-102.62	585.85	2,203.77	752.05	688.24	63.80	11.787	
8,200.00	7,125.26	8,338.42	7,290.81	33.12	34.47	-102.63	586.64	2,303.77	752.27	685.82	66.44	11.322	
8,300.00	7,124.82	8,438.42	7,290.58	34.52	35.83	-102.65	587.42	2,403.77	752.49	683.35	69.14	10.884	
8,400.00	7,124.37	8,538.42	7,290.36	35.93	37.22	-102.66	588.20	2,503.76	752.71	680.82	71.88	10.471	
8,500.00	7,123.92	8,638.42	7,290.14	37.37	38.64	-102.67	588.98	2,603.76	752.92	678.26	74.67	10.083	
8,600.00	7,123.48	8,738.42	7,289.91	38.82	40.07	-102.69	589.77	2,703.76	753.14	675.65	77.49	9.719	
8,700.00	7,123.03	8,838.42	7,289.69	40.30	41.52	-102.70	590.55	2,803.75	753.36	673.01	80.35	9.376	
8,800.00	7,122.59	8,938.42	7,289.47	41.79	42.98	-102.72	591.33	2,903.75	753.58	670.34	83.24	9.053	
8,900.00	7,122.14	9,038.41	7,289.24	43.29	44.46	-102.73	592.11	3,003.75	753.80	667.64	86.16	8.749	
9,000.00	7,121.69	9,138.41	7,289.02	44.80	45.96	-102.74	592.90	3,103.74	754.02	664.92	89.11	8.462	
9,100.00	7,121.25	9,238.41	7,288.80	46.33	47.46	-102.76	593.68	3,203.74	754.24	662.17	92.07	8.192	
9,200.00	7,120.80	9,338.41	7,288.57	47.86	48.98	-102.77	594.46	3,303.73	754.46	659.41	95.06	7.937	
9,300.00	7,120.35	9,438.41	7,288.35	49.40	50.50	-102.78	595.24	3,403.73	754.68	656.62	98.06	7.696	
9,400.00	7,119.91	9,538.41	7,288.13	50.96	52.04	-102.80	596.03	3,503.73	754.90	653.82	101.08	7.468	
9,500.00	7,119.46	9,638.41	7,287.90	52.52	53.58	-102.81	596.81	3,603.72	755.12	651.01	104.12	7.253	
9,600.00	7,119.02	9,738.41	7,287.68	54.08	55.13	-102.82	597.59	3,703.72	755.34	648.18	107.17	7.048	
9,700.00	7,118.57	9,838.41	7,287.46	55.65	56.69	-102.84	598.37	3,803.72	755.56	645.34	110.23	6.855	
9,800.00	7,118.12	9,938.41	7,287.23	57.23	58.25	-102.85	599.16	3,903.71	755.78	642.48	113.30	6.671	
9,900.00	7,117.68	10,038.41	7,287.01	58.81	59.82	-102.87	599.94	4,003.71	756.01	639.62	116.39	6.496	
10,000.00	7,117.23	10,138.41	7,286.79	60.40	61.39	-102.88	600.72	4,103.70	756.23	636.74	119.48	6.329	
10,100.00	7,116.78	10,238.41	7,286.56	61.99	62.97	-102.89	601.50	4,203.70	756.45	633.86	122.58	6.171	
10,200.00	7,116.34	10,338.41	7,286.34	63.59	64.56	-102.91	602.29	4,303.70	756.67	630.97	125.70	6.020	
10,300.00	7,115.89	10,438.41	7,286.12	65.19	66.14	-102.92	603.07	4,403.69	756.89	628.07	128.82	5.876	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,115.44	10,538.41	7,285.89	66.80	67.74	-102.93	603.85	4,503.69	757.11	625.16	131.94	5.738	
10,500.00	7,115.00	10,638.41	7,285.67	68.40	69.33	-102.95	604.63	4,603.69	757.33	622.25	135.08	5.607	
10,600.00	7,114.55	10,738.41	7,285.45	70.01	70.93	-102.96	605.41	4,703.68	757.55	619.33	138.22	5.481	
10,700.00	7,114.11	10,838.41	7,285.23	71.63	72.54	-102.97	606.20	4,803.68	757.77	616.41	141.36	5.360	
10,800.00	7,113.66	10,938.41	7,285.00	73.24	74.14	-102.99	606.98	4,903.67	757.99	613.48	144.51	5.245	
10,900.00	7,113.21	11,038.41	7,284.78	74.86	75.75	-103.00	607.76	5,003.67	758.21	610.54	147.67	5.135	
11,000.00	7,112.77	11,138.41	7,284.56	76.48	77.36	-103.01	608.54	5,103.67	758.43	607.60	150.83	5.028	
11,100.00	7,112.32	11,238.41	7,284.33	78.10	78.98	-103.03	609.33	5,203.66	758.65	604.66	153.99	4.927	
11,200.00	7,111.87	11,338.41	7,284.11	79.73	80.59	-103.04	610.11	5,303.66	758.87	601.71	157.16	4.829	
11,300.00	7,111.43	11,438.41	7,283.89	81.35	82.21	-103.05	610.89	5,403.66	759.09	598.76	160.34	4.734	
11,400.00	7,110.98	11,538.40	7,283.66	82.98	83.83	-103.07	611.67	5,503.65	759.31	595.80	163.51	4.644	
11,500.00	7,110.54	11,638.40	7,283.44	84.61	85.45	-103.08	612.46	5,603.65	759.54	592.84	166.69	4.557	
11,600.00	7,110.09	11,738.40	7,283.22	86.24	87.08	-103.09	613.24	5,703.65	759.76	589.88	169.87	4.472	
11,700.00	7,109.64	11,838.40	7,282.99	87.88	88.70	-103.11	614.02	5,803.64	759.98	586.92	173.06	4.391	
11,800.00	7,109.20	11,938.40	7,282.77	89.51	90.33	-103.12	614.80	5,903.64	760.20	583.95	176.25	4.313	
11,900.00	7,108.75	12,038.40	7,282.55	91.15	91.96	-103.13	615.59	6,003.63	760.42	580.98	179.44	4.238	
12,000.00	7,108.30	12,138.40	7,282.32	92.79	93.59	-103.15	616.37	6,103.63	760.64	578.01	182.63	4.165	
12,100.00	7,107.86	12,238.40	7,282.10	94.42	95.22	-103.16	617.15	6,203.63	760.86	575.03	185.83	4.094	
12,200.00	7,107.41	12,338.40	7,281.88	96.06	96.86	-103.17	617.93	6,303.62	761.08	572.06	189.03	4.026	
12,300.00	7,106.96	12,438.40	7,281.65	97.70	98.49	-103.19	618.72	6,403.62	761.30	569.08	192.23	3.960	
12,400.00	7,106.52	12,538.40	7,281.43	99.35	100.13	-103.20	619.50	6,503.62	761.53	566.10	195.43	3.897	
12,500.00	7,106.07	12,638.40	7,281.21	100.99	101.77	-103.21	620.28	6,603.61	761.75	563.11	198.63	3.835	
12,600.00	7,105.63	12,738.40	7,280.98	102.63	103.40	-103.23	621.06	6,703.61	761.97	560.13	201.84	3.775	
12,700.00	7,105.18	12,838.40	7,280.76	104.28	105.04	-103.24	621.85	6,803.60	762.19	557.14	205.05	3.717	
12,800.00	7,104.73	12,938.40	7,280.54	105.92	106.68	-103.25	622.63	6,903.60	762.41	554.15	208.26	3.661	
12,900.00	7,104.29	13,038.40	7,280.31	107.57	108.33	-103.27	623.41	7,003.60	762.63	551.17	211.47	3.606	
13,000.00	7,103.84	13,138.40	7,280.09	109.22	109.97	-103.28	624.19	7,103.59	762.85	548.18	214.68	3.553	
13,100.00	7,103.39	13,238.40	7,279.87	110.86	111.61	-103.29	624.98	7,203.59	763.08	545.18	217.89	3.502	
13,200.00	7,102.95	13,338.40	7,279.64	112.51	113.26	-103.31	625.76	7,303.59	763.30	542.19	221.11	3.452	
13,300.00	7,102.50	13,438.40	7,279.42	114.16	114.90	-103.32	626.54	7,403.58	763.52	539.20	224.32	3.404	
13,400.00	7,102.06	13,538.40	7,279.20	115.81	116.55	-103.33	627.32	7,503.58	763.74	536.20	227.54	3.357	
13,500.00	7,101.61	13,638.40	7,278.97	117.46	118.19	-103.35	628.11	7,603.57	763.96	533.21	230.76	3.311	
13,600.00	7,101.16	13,738.40	7,278.75	119.11	119.84	-103.36	628.89	7,703.57	764.19	530.21	233.98	3.266	
13,700.00	7,100.72	13,838.40	7,278.53	120.77	121.49	-103.37	629.67	7,803.57	764.41	527.21	237.20	3.223	
13,800.00	7,100.27	13,938.40	7,278.31	122.42	123.14	-103.39	630.45	7,903.56	764.63	524.21	240.42	3.180	
13,900.00	7,099.82	14,038.39	7,278.08	124.07	124.78	-103.40	631.24	8,003.56	764.85	521.21	243.64	3.139	
14,000.00	7,099.38	14,138.39	7,277.86	125.72	126.43	-103.41	632.02	8,103.56	765.07	518.21	246.86	3.099	
14,100.00	7,098.93	14,238.39	7,277.64	127.38	128.08	-103.43	632.80	8,203.55	765.30	515.21	250.09	3.060	
14,200.00	7,098.49	14,338.39	7,277.41	129.03	129.74	-103.44	633.58	8,303.55	765.52	512.21	253.31	3.022	
14,300.00	7,098.04	14,438.39	7,277.19	130.69	131.39	-103.45	634.37	8,403.54	765.74	509.21	256.53	2.985	
14,400.00	7,097.59	14,538.39	7,276.97	132.34	133.04	-103.47	635.15	8,503.54	765.96	506.20	259.76	2.949	
14,500.00	7,097.15	14,638.39	7,276.74	134.00	134.69	-103.48	635.93	8,603.54	766.18	503.20	262.99	2.913	
14,600.00	7,096.70	14,738.39	7,276.52	135.65	136.34	-103.49	636.71	8,703.53	766.41	500.19	266.21	2.879	
14,700.00	7,096.25	14,838.39	7,276.30	137.31	138.00	-103.51	637.50	8,803.53	766.63	497.19	269.44	2.845	
14,800.00	7,095.81	14,938.39	7,276.07	138.97	139.65	-103.52	638.28	8,903.53	766.85	494.18	272.67	2.812	
14,900.00	7,095.36	15,038.39	7,275.85	140.63	141.30	-103.53	639.06	9,003.52	767.07	491.18	275.89	2.780	
15,000.00	7,094.91	15,138.39	7,275.63	142.28	142.96	-103.54	639.84	9,103.52	767.30	488.17	279.12	2.749	
15,100.00	7,094.47	15,238.39	7,275.40	143.94	144.61	-103.56	640.63	9,203.52	767.52	485.17	282.35	2.718	
15,200.00	7,094.02	15,338.39	7,275.18	145.60	146.27	-103.57	641.41	9,303.51	767.74	482.16	285.58	2.688	
15,300.00	7,093.58	15,438.39	7,274.96	147.26	147.93	-103.58	642.19	9,403.51	767.96	479.15	288.81	2.659	
15,400.00	7,093.13	15,538.39	7,274.73	148.92	149.58	-103.60	642.97	9,503.50	768.19	476.14	292.04	2.630	
15,500.00	7,092.68	15,638.39	7,274.51	150.58	151.24	-103.61	643.76	9,603.50	768.41	473.13	295.27	2.602	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,092.24	15,738.39	7,274.29	152.23	152.89	-103.62	644.54	9,703.50	768.63	470.13	298.50	2.575	
15,700.00	7,091.79	15,838.39	7,274.06	153.89	154.55	-103.64	645.32	9,803.49	768.85	467.12	301.74	2.548	
15,800.00	7,091.34	15,938.39	7,273.84	155.55	156.21	-103.65	646.10	9,903.49	769.08	464.11	304.97	2.522	
15,900.00	7,090.90	16,038.39	7,273.62	157.21	157.87	-103.66	646.89	10,003.49	769.30	461.10	308.20	2.496	
16,000.00	7,090.45	16,138.39	7,273.39	158.87	159.52	-103.68	647.67	10,103.48	769.52	458.09	311.43	2.471	
16,100.00	7,090.01	16,238.39	7,273.17	160.54	161.18	-103.69	648.45	10,203.48	769.74	455.08	314.66	2.446	
16,200.00	7,089.56	16,338.39	7,272.95	162.20	162.84	-103.70	649.23	10,303.47	769.97	452.07	317.90	2.422	
16,300.00	7,089.11	16,438.39	7,272.72	163.86	164.50	-103.71	650.01	10,403.47	770.19	449.06	321.13	2.398	
16,400.00	7,088.67	16,538.38	7,272.50	165.52	166.16	-103.73	650.80	10,503.47	770.41	446.05	324.36	2.375	
16,500.00	7,088.22	16,638.38	7,272.28	167.18	167.82	-103.74	651.58	10,603.46	770.64	443.04	327.60	2.352	
16,600.00	7,087.77	16,738.38	7,272.05	168.84	169.48	-103.75	652.36	10,703.46	770.86	440.03	330.83	2.330	
16,700.00	7,087.33	16,838.38	7,271.83	170.50	171.14	-103.77	653.14	10,803.46	771.08	437.02	334.06	2.308	
16,800.00	7,086.88	16,938.38	7,271.61	172.17	172.80	-103.78	653.93	10,903.45	771.31	434.01	337.30	2.287	
16,900.00	7,086.43	17,038.38	7,271.39	173.83	174.46	-103.79	654.71	11,003.45	771.53	431.00	340.53	2.266	
17,000.00	7,085.99	17,138.38	7,271.16	175.49	176.12	-103.81	655.49	11,103.44	771.75	427.99	343.76	2.245	
17,100.00	7,085.54	17,238.38	7,270.94	177.15	177.78	-103.82	656.27	11,203.44	771.97	424.98	347.00	2.225	
17,200.00	7,085.10	17,338.38	7,270.72	178.82	179.44	-103.83	657.06	11,303.44	772.20	421.96	350.23	2.205	
17,300.00	7,084.65	17,438.38	7,270.49	180.48	181.10	-103.84	657.84	11,403.43	772.42	418.95	353.47	2.185	
17,400.00	7,084.20	17,538.38	7,270.27	182.14	182.76	-103.86	658.62	11,503.43	772.64	415.94	356.70	2.166	
17,500.00	7,083.76	17,638.38	7,270.05	183.81	184.42	-103.87	659.40	11,603.43	772.87	412.93	359.94	2.147	
17,600.00	7,083.31	17,738.38	7,269.82	185.47	186.09	-103.88	660.19	11,703.42	773.09	409.92	363.17	2.129	
17,700.00	7,082.86	17,838.38	7,269.60	187.13	187.75	-103.90	660.97	11,803.42	773.32	406.91	366.41	2.111	
17,800.00	7,082.42	17,938.38	7,269.38	188.80	189.41	-103.91	661.75	11,903.42	773.54	403.90	369.64	2.093	
17,900.00	7,081.97	18,038.38	7,269.15	190.46	191.07	-103.92	662.53	12,003.41	773.76	400.89	372.88	2.075	
17,993.68	7,081.55	18,132.06	7,268.94	192.02	192.63	-103.93	663.27	12,097.09	773.97	398.07	375.91	2.059 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.56	1.09	-140.04	140.04				
100.00	100.00	101.00	101.00	3.28	3.28	-89.56	1.09	-140.04	140.04	132.52	7.53	18.601	
200.00	200.00	201.00	201.00	3.31	3.31	-89.56	1.09	-140.04	140.04	132.47	7.57	18.490 CC, ES	
300.00	299.99	304.24	304.23	3.35	3.35	173.21	1.84	-139.06	140.21	132.55	7.66	18.302	
400.00	399.88	408.15	408.02	3.41	3.42	174.68	4.83	-135.13	141.02	133.24	7.78	18.115	
500.00	499.55	511.85	511.34	3.50	3.52	177.21	10.09	-128.23	142.69	134.74	7.95	17.946	
600.00	598.89	615.20	613.95	3.61	3.65	-179.30	17.59	-118.40	145.54	137.38	8.16	17.828	
700.00	697.76	718.11	715.60	3.76	3.80	-175.00	27.28	-105.69	150.01	141.58	8.43	17.795	
800.00	796.26	820.50	816.11	3.95	4.00	-170.04	39.11	-90.18	155.39	146.63	8.76	17.740	
900.00	894.76	922.25	915.24	4.17	4.25	-164.38	53.02	-71.94	160.04	150.88	9.16	17.468	
1,000.00	993.26	1,022.62	1,012.18	4.40	4.54	-158.09	68.77	-51.28	164.70	155.05	9.65	17.063	
1,100.00	1,091.76	1,120.77	1,106.71	4.66	4.86	-151.99	84.80	-30.27	170.89	160.67	10.22	16.723	
1,200.00	1,190.26	1,218.93	1,201.24	4.94	5.21	-146.36	100.82	-9.25	178.92	168.08	10.84	16.510	
1,300.00	1,288.76	1,317.08	1,295.77	5.23	5.58	-141.25	116.85	11.76	188.55	177.05	11.50	16.400	
1,400.00	1,387.26	1,415.23	1,390.29	5.53	5.98	-136.66	132.88	32.78	199.56	187.37	12.19	16.374	
1,500.00	1,485.76	1,513.38	1,484.82	5.84	6.38	-132.55	148.90	53.79	211.73	198.83	12.90	16.412	
1,600.00	1,584.26	1,611.53	1,579.35	6.16	6.80	-128.91	164.93	74.80	224.87	211.24	13.63	16.496	
1,700.00	1,682.75	1,709.68	1,673.87	6.49	7.22	-125.66	180.95	95.82	238.83	224.45	14.37	16.614	
1,800.00	1,781.25	1,807.84	1,768.40	6.83	7.64	-122.78	196.98	116.83	253.46	238.35	15.11	16.773	
1,900.00	1,879.75	1,905.99	1,862.93	7.01	7.89	-120.22	213.01	137.85	268.66	253.50	15.15	17.730	
2,000.00	1,978.25	2,004.14	1,957.45	7.05	7.94	-117.93	229.03	158.86	284.33	269.09	15.24	18.651	
2,100.00	2,076.75	2,102.29	2,051.98	7.11	8.03	-115.88	245.06	179.88	300.41	285.03	15.38	19.535	
2,200.00	2,175.25	2,200.44	2,146.51	7.18	8.13	-114.03	261.08	200.89	316.82	301.28	15.54	20.384	
2,300.00	2,273.75	2,301.41	2,241.03	7.27	8.26	-112.37	277.11	221.91	333.53	317.79	15.74	21.188	
2,400.00	2,372.25	2,396.75	2,335.56	7.37	8.40	-110.87	293.14	242.92	350.49	334.52	15.96	21.956	
2,500.00	2,470.75	2,505.10	2,430.09	7.49	8.58	-109.50	309.16	263.93	367.66	351.42	16.23	22.647	
2,600.00	2,569.25	2,593.05	2,524.61	7.62	8.73	-108.26	325.19	284.95	385.01	368.51	16.50	23.335	
2,700.00	2,667.74	2,691.20	2,619.14	7.76	8.92	-107.13	341.21	305.96	402.53	385.72	16.81	23.948	
2,800.00	2,766.24	2,789.35	2,713.67	7.92	9.12	-106.08	357.24	326.98	420.19	403.04	17.14	24.511	
2,900.00	2,864.74	2,887.50	2,808.20	8.08	9.34	-105.13	373.27	347.99	437.97	420.47	17.50	25.025	
3,000.00	2,963.24	2,985.66	2,902.72	8.26	9.57	-104.24	389.29	369.01	455.86	437.98	17.88	25.492	
3,100.00	3,061.74	3,083.81	2,997.25	8.45	9.81	-103.43	405.32	390.02	473.85	455.57	18.28	25.916	
3,200.00	3,160.24	3,181.96	3,091.78	8.65	10.06	-102.67	421.34	411.04	491.93	473.22	18.71	26.297	
3,300.00	3,258.74	3,280.11	3,186.30	8.85	10.32	-101.97	437.37	432.05	510.08	490.93	19.15	26.640	
3,400.00	3,357.24	3,378.26	3,280.83	9.07	10.59	-101.31	453.39	453.06	528.30	508.70	19.60	26.948	
3,500.00	3,455.74	3,476.42	3,375.36	9.29	10.86	-100.70	469.42	474.08	546.59	526.51	20.08	27.222	
3,600.00	3,554.23	3,574.57	3,469.88	9.52	11.15	-100.13	485.45	495.09	564.93	544.36	20.57	27.467	
3,700.00	3,652.73	3,672.72	3,564.41	9.76	11.44	-99.59	501.47	516.11	583.32	562.25	21.07	27.685	
3,800.00	3,751.23	3,770.87	3,658.94	10.00	11.74	-99.09	517.50	537.12	601.76	580.18	21.59	27.878	
3,900.00	3,849.73	3,869.02	3,753.46	10.25	12.04	-98.62	533.52	558.14	620.24	598.13	22.11	28.049	
4,000.00	3,948.23	3,967.17	3,847.99	10.50	12.35	-98.17	549.55	579.15	638.77	616.11	22.65	28.200	
4,100.00	4,046.73	4,065.33	3,942.52	10.76	12.67	-97.75	565.58	600.17	657.32	634.12	23.20	28.332	
4,200.00	4,145.23	4,163.48	4,037.04	11.02	12.99	-97.35	581.60	621.18	675.91	652.15	23.76	28.449	
4,300.00	4,243.73	4,261.63	4,131.57	11.29	13.32	-96.98	597.63	642.19	694.53	670.20	24.33	28.550	
4,400.00	4,342.23	4,359.78	4,226.10	11.56	13.65	-96.62	613.65	663.21	713.17	688.27	24.90	28.639	
4,500.00	4,440.72	4,457.93	4,320.63	11.84	13.98	-96.28	629.68	684.22	731.84	706.36	25.49	28.716	
4,600.00	4,539.22	4,556.08	4,415.15	12.12	14.32	-95.96	645.71	705.24	750.54	724.46	26.08	28.783	
4,700.00	4,637.72	4,654.24	4,509.68	12.40	14.66	-95.65	661.73	726.25	769.25	742.58	26.67	28.840	
4,800.00	4,736.22	4,752.39	4,604.21	12.69	15.00	-95.36	677.76	747.27	787.99	760.71	27.28	28.889	
4,900.00	4,834.72	4,850.54	4,698.73	12.97	15.35	-95.08	693.78	768.28	806.75	778.86	27.89	28.930	
5,000.00	4,933.22	4,948.69	4,793.26	13.26	15.70	-94.82	709.81	789.29	825.52	797.02	28.50	28.965	
5,100.00	5,031.72	5,046.84	4,887.79	13.56	16.05	-94.56	725.84	810.31	844.31	815.19	29.12	28.993	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,130.22	5,144.99	4,982.31	13.85	16.40	-94.32	741.86	831.32	863.11	833.37	29.75	29.017	
5,300.00	5,228.72	5,243.15	5,076.84	14.15	16.76	-94.09	757.89	852.34	881.93	851.56	30.37	29.035	
5,400.00	5,327.21	5,341.30	5,171.37	14.45	17.12	-93.87	773.91	873.35	900.76	869.75	31.01	29.049	
5,500.00	5,425.71	5,439.45	5,265.89	14.75	17.48	-93.65	789.94	894.37	919.61	887.96	31.65	29.060	
5,600.00	5,524.21	5,537.60	5,360.42	15.05	17.84	-93.45	805.97	915.38	938.46	906.18	32.29	29.067	
5,700.00	5,622.71	5,635.75	5,454.95	15.36	18.20	-93.25	821.99	936.40	957.33	924.40	32.93	29.071	
5,800.00	5,721.21	5,733.91	5,549.47	15.67	18.57	-93.06	838.02	957.41	976.21	942.63	33.58	29.072	
5,900.00	5,819.71	5,832.06	5,644.00	15.97	18.94	-92.88	854.04	978.42	995.10	960.87	34.23	29.071	
6,000.00	5,918.21	5,930.21	5,738.53	16.28	19.31	-92.70	870.07	999.44	1,014.00	979.11	34.88	29.068	
6,100.00	6,016.71	6,028.36	5,833.05	16.59	19.68	-92.53	886.09	1,020.45	1,032.90	997.36	35.54	29.063	
6,200.00	6,115.21	6,126.51	5,927.58	16.91	20.05	-92.37	902.12	1,041.47	1,051.82	1,015.62	36.20	29.056	
6,300.00	6,213.70	6,224.66	6,022.11	17.22	20.42	-92.21	918.15	1,062.48	1,070.74	1,033.88	36.86	29.047	
6,400.00	6,312.20	6,322.82	6,116.64	17.53	20.80	-92.06	934.17	1,083.50	1,089.67	1,052.14	37.53	29.038	
6,500.00	6,410.70	6,420.97	6,211.16	17.85	21.17	-91.92	950.20	1,104.51	1,108.61	1,070.41	38.19	29.027	
6,600.00	6,509.20	6,519.12	6,305.69	18.17	21.55	-91.78	966.22	1,125.53	1,127.55	1,088.69	38.86	29.015	
6,700.00	6,607.69	6,617.27	6,400.22	18.48	21.92	-91.01	982.25	1,146.54	1,146.50	1,106.96	39.53	29.002	
6,800.00	6,704.15	6,715.36	6,494.68	18.86	22.30	-86.29	998.27	1,167.54	1,164.38	1,124.10	40.28	28.905	
6,900.00	6,795.38	6,811.60	6,587.37	19.35	22.67	-84.64	1,013.98	1,188.15	1,180.37	1,139.20	41.17	28.672	
7,000.00	6,879.12	6,900.94	6,672.74	19.94	23.03	-84.16	1,028.47	1,209.97	1,194.94	1,152.78	42.17	28.340	
7,100.00	6,953.32	6,991.80	6,755.83	20.64	23.49	-84.11	1,042.63	1,243.69	1,208.61	1,165.24	43.37	27.864	
7,200.00	7,016.16	7,087.85	6,837.56	21.44	24.06	-84.41	1,056.63	1,291.98	1,221.15	1,176.32	44.83	27.238	
7,300.00	7,066.07	7,190.19	6,915.69	22.34	24.79	-84.99	1,070.11	1,356.51	1,232.28	1,185.73	46.55	26.473	
7,400.00	7,101.84	7,300.01	6,987.03	23.34	25.69	-85.83	1,082.52	1,438.89	1,241.67	1,193.14	48.53	25.587	
7,500.00	7,122.58	7,418.46	7,047.09	24.40	26.79	-86.91	1,093.13	1,540.24	1,248.90	1,198.15	50.76	24.606	
7,600.00	7,127.94	7,546.46	7,089.98	25.51	28.11	-88.21	1,100.94	1,660.35	1,253.54	1,200.35	53.19	23.569	
7,700.00	7,127.49	7,685.36	7,108.75	26.66	29.63	-89.10	1,104.77	1,797.65	1,255.41	1,199.60	55.81	22.493	
7,800.00	7,127.05	7,808.78	7,108.80	27.87	31.03	-89.12	1,105.29	1,903.51	1,255.28	1,196.82	58.45	21.475	
7,900.00	7,126.60	7,908.78	7,108.57	29.13	32.22	-89.13	1,105.74	2,003.51	1,255.11	1,194.18	60.93	20.599	
8,000.00	7,126.16	8,008.78	7,108.34	30.43	33.44	-89.14	1,106.19	2,103.51	1,254.95	1,191.46	63.49	19.766	
8,100.00	7,125.71	8,108.78	7,108.10	31.76	34.70	-89.15	1,106.63	2,203.51	1,254.79	1,188.67	66.12	18.978	
8,200.00	7,125.26	8,208.78	7,107.87	33.12	36.00	-89.16	1,107.08	2,303.50	1,254.62	1,185.81	68.81	18.234	
8,300.00	7,124.82	8,308.78	7,107.64	34.52	37.32	-89.17	1,107.53	2,403.50	1,254.46	1,182.90	71.55	17.531	
8,400.00	7,124.37	8,408.78	7,107.41	35.93	38.67	-89.18	1,107.97	2,503.50	1,254.29	1,179.94	74.35	16.870	
8,500.00	7,123.92	8,508.78	7,107.17	37.37	40.05	-89.19	1,108.42	2,603.50	1,254.13	1,176.94	77.19	16.247	
8,600.00	7,123.48	8,591.22	7,106.94	38.82	41.20	-89.20	1,108.87	2,703.50	1,253.97	1,174.15	79.82	15.710	
8,700.00	7,123.03	8,708.78	7,106.71	40.30	42.86	-89.21	1,109.31	2,803.50	1,253.80	1,170.82	82.98	15.109	
8,800.00	7,122.59	8,808.78	7,106.47	41.79	44.29	-89.22	1,109.76	2,903.49	1,253.64	1,167.71	85.93	14.589	
8,900.00	7,122.14	8,908.78	7,106.24	43.29	45.74	-89.23	1,110.20	3,003.49	1,253.47	1,164.57	88.90	14.099	
9,000.00	7,121.69	9,008.78	7,106.01	44.80	47.20	-89.24	1,110.65	3,103.49	1,253.31	1,161.41	91.90	13.638	
9,100.00	7,121.25	9,108.78	7,105.77	46.33	48.68	-89.25	1,111.10	3,203.49	1,253.15	1,158.22	94.92	13.202	
9,200.00	7,120.80	9,208.78	7,105.54	47.86	50.17	-89.26	1,111.54	3,303.49	1,252.98	1,155.02	97.97	12.790	
9,300.00	7,120.35	9,308.78	7,105.31	49.40	51.67	-89.27	1,111.99	3,403.49	1,252.82	1,151.79	101.03	12.400	
9,400.00	7,119.91	9,408.78	7,105.07	50.96	53.18	-89.28	1,112.44	3,503.49	1,252.66	1,148.55	104.11	12.032	
9,500.00	7,119.46	9,491.22	7,104.84	52.52	54.43	-89.29	1,112.88	3,603.48	1,252.49	1,145.56	106.94	11.713	
9,600.00	7,119.02	9,608.78	7,104.61	54.08	56.23	-89.30	1,113.33	3,703.48	1,252.33	1,142.01	110.32	11.352	
9,700.00	7,118.57	9,708.78	7,104.38	55.65	57.76	-89.31	1,113.78	3,803.48	1,252.16	1,138.72	113.44	11.038	
9,800.00	7,118.12	9,808.78	7,104.14	57.23	59.31	-89.31	1,114.22	3,903.48	1,252.00	1,135.42	116.58	10.740	
9,900.00	7,117.68	9,908.78	7,103.91	58.81	60.86	-89.32	1,114.67	4,003.48	1,251.84	1,132.11	119.72	10.456	
10,000.00	7,117.23	10,008.78	7,103.68	60.40	62.41	-89.33	1,115.12	4,103.48	1,251.67	1,128.79	122.88	10.186	
10,100.00	7,116.78	10,108.78	7,103.44	61.99	63.97	-89.34	1,115.56	4,203.47	1,251.51	1,125.46	126.05	9.929	
10,200.00	7,116.34	10,208.78	7,103.21	63.59	65.54	-89.35	1,116.01	4,303.47	1,251.35	1,122.12	129.22	9.684	
10,300.00	7,115.89	10,308.78	7,102.98	65.19	67.11	-89.36	1,116.45	4,403.47	1,251.18	1,118.77	132.41	9.449	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,115.44	10,408.79	7,102.74	66.80	68.69	-89.37	1,116.90	4,503.47	1,251.02	1,115.42	135.60	9.226	
10,500.00	7,115.00	10,508.79	7,102.51	68.40	70.27	-89.38	1,117.35	4,603.47	1,250.86	1,112.06	138.80	9.012	
10,600.00	7,114.55	10,591.21	7,102.28	70.01	71.58	-89.39	1,117.79	4,703.47	1,250.69	1,108.97	141.73	8.825	
10,700.00	7,114.11	10,708.79	7,102.04	71.63	73.45	-89.40	1,118.24	4,803.46	1,250.53	1,105.31	145.22	8.611	
10,800.00	7,113.66	10,808.79	7,101.81	73.24	75.04	-89.41	1,118.69	4,903.46	1,250.37	1,101.93	148.44	8.424	
10,900.00	7,113.21	10,908.79	7,101.58	74.86	76.64	-89.42	1,119.13	5,003.46	1,250.20	1,098.54	151.66	8.243	
11,000.00	7,112.77	11,008.79	7,101.35	76.48	78.24	-89.43	1,119.58	5,103.46	1,250.04	1,095.15	154.89	8.071	
11,100.00	7,112.32	11,108.79	7,101.11	78.10	79.84	-89.44	1,120.03	5,203.46	1,249.88	1,091.75	158.12	7.904	
11,200.00	7,111.87	11,208.79	7,100.88	79.73	81.45	-89.45	1,120.47	5,303.46	1,249.71	1,088.35	161.36	7.745	
11,300.00	7,111.43	11,308.79	7,100.65	81.35	83.05	-89.46	1,120.92	5,403.45	1,249.55	1,084.95	164.60	7.591	
11,400.00	7,110.98	11,408.79	7,100.41	82.98	84.66	-89.47	1,121.37	5,503.45	1,249.39	1,081.54	167.85	7.443	
11,500.00	7,110.54	11,508.79	7,100.18	84.61	86.28	-89.48	1,121.81	5,603.45	1,249.23	1,078.13	171.10	7.301	
11,600.00	7,110.09	11,608.79	7,099.95	86.24	87.89	-89.49	1,122.26	5,703.45	1,249.06	1,074.71	174.35	7.164	
11,700.00	7,109.64	11,708.79	7,099.71	87.88	89.51	-89.50	1,122.70	5,803.45	1,248.90	1,071.29	177.61	7.032	
11,800.00	7,109.20	11,808.79	7,099.48	89.51	91.13	-89.51	1,123.15	5,903.45	1,248.74	1,067.87	180.87	6.904	
11,900.00	7,108.75	11,908.79	7,099.25	91.15	92.75	-89.52	1,123.60	6,003.44	1,248.57	1,064.44	184.13	6.781	
12,000.00	7,108.30	12,008.79	7,099.02	92.79	94.37	-89.53	1,124.04	6,103.44	1,248.41	1,061.01	187.40	6.662	
12,100.00	7,107.86	12,108.79	7,098.78	94.42	96.00	-89.54	1,124.49	6,203.44	1,248.25	1,057.58	190.67	6.547	
12,200.00	7,107.41	12,208.79	7,098.55	96.06	97.62	-89.55	1,124.94	6,303.44	1,248.09	1,054.15	193.94	6.435	
12,300.00	7,106.96	12,308.79	7,098.32	97.70	99.25	-89.56	1,125.38	6,403.44	1,247.92	1,050.71	197.21	6.328	
12,400.00	7,106.52	12,408.79	7,098.08	99.35	100.88	-89.57	1,125.83	6,503.44	1,247.76	1,047.27	200.49	6.224	
12,500.00	7,106.07	12,508.79	7,097.85	100.99	102.51	-89.58	1,126.28	6,603.43	1,247.60	1,043.83	203.77	6.123	
12,600.00	7,105.63	12,608.79	7,097.62	102.63	104.14	-89.59	1,126.72	6,703.43	1,247.44	1,040.39	207.05	6.025	
12,700.00	7,105.18	12,708.79	7,097.38	104.28	105.77	-89.60	1,127.17	6,803.43	1,247.27	1,036.94	210.33	5.930	
12,800.00	7,104.73	12,808.79	7,097.15	105.92	107.41	-89.61	1,127.61	6,903.43	1,247.11	1,033.50	213.61	5.838	
12,900.00	7,104.29	12,908.79	7,096.92	107.57	109.04	-89.62	1,128.06	7,003.43	1,246.95	1,030.05	216.90	5.749	
13,000.00	7,103.84	13,008.79	7,096.68	109.22	110.68	-89.63	1,128.51	7,103.43	1,246.79	1,026.60	220.19	5.662	
13,100.00	7,103.39	13,108.80	7,096.45	110.86	112.32	-89.64	1,128.95	7,203.42	1,246.62	1,023.15	223.48	5.578	
13,200.00	7,102.95	13,208.80	7,096.22	112.51	113.95	-89.65	1,129.40	7,303.42	1,246.46	1,019.69	226.77	5.497	
13,300.00	7,102.50	13,308.80	7,095.99	114.16	115.59	-89.65	1,129.85	7,403.42	1,246.30	1,016.24	230.06	5.417	
13,400.00	7,102.06	13,408.80	7,095.75	115.81	117.23	-89.66	1,130.29	7,503.42	1,246.14	1,012.78	233.36	5.340	
13,500.00	7,101.61	13,508.80	7,095.52	117.46	118.88	-89.67	1,130.74	7,603.42	1,245.97	1,009.32	236.65	5.265	
13,600.00	7,101.16	13,608.80	7,095.29	119.11	120.52	-89.68	1,131.19	7,703.42	1,245.81	1,005.86	239.95	5.192	
13,700.00	7,100.72	13,708.80	7,095.05	120.77	122.16	-89.69	1,131.63	7,803.42	1,245.65	1,002.40	243.25	5.121	
13,800.00	7,100.27	13,808.80	7,094.82	122.42	123.80	-89.70	1,132.08	7,903.41	1,245.49	998.94	246.54	5.052	
13,900.00	7,099.82	13,891.20	7,094.59	124.07	125.16	-89.71	1,132.53	8,003.41	1,245.33	995.77	249.56	4.990	
14,000.00	7,099.38	14,008.80	7,094.35	125.72	127.09	-89.72	1,132.97	8,103.41	1,245.16	992.02	253.15	4.919	
14,100.00	7,098.93	14,108.80	7,094.12	127.38	128.74	-89.73	1,133.42	8,203.41	1,245.00	988.55	256.45	4.855	
14,200.00	7,098.49	14,208.80	7,093.89	129.03	130.39	-89.74	1,133.86	8,303.41	1,244.84	985.09	259.75	4.792	
14,300.00	7,098.04	14,308.80	7,093.65	130.69	132.03	-89.75	1,134.31	8,403.41	1,244.68	981.62	263.06	4.732	
14,400.00	7,097.59	14,408.80	7,093.42	132.34	133.68	-89.76	1,134.76	8,503.40	1,244.52	978.15	266.36	4.672	
14,500.00	7,097.15	14,508.80	7,093.19	134.00	135.33	-89.77	1,135.20	8,603.40	1,244.35	974.68	269.67	4.614	
14,600.00	7,096.70	14,608.80	7,092.96	135.65	136.98	-89.78	1,135.65	8,703.40	1,244.19	971.21	272.98	4.558	
14,700.00	7,096.25	14,708.80	7,092.72	137.31	138.63	-89.79	1,136.10	8,803.40	1,244.03	967.74	276.29	4.503	
14,800.00	7,095.81	14,808.80	7,092.49	138.97	140.28	-89.80	1,136.54	8,903.40	1,243.87	964.27	279.59	4.449	
14,900.00	7,095.36	14,908.80	7,092.26	140.63	141.93	-89.81	1,136.99	9,003.40	1,243.71	960.80	282.90	4.396	
15,000.00	7,094.91	15,008.80	7,092.02	142.28	143.58	-89.82	1,137.44	9,103.39	1,243.54	957.33	286.22	4.345	
15,100.00	7,094.47	15,108.80	7,091.79	143.94	145.23	-89.83	1,137.88	9,203.39	1,243.38	953.86	289.53	4.295	
15,200.00	7,094.02	15,208.80	7,091.56	145.60	146.88	-89.84	1,138.33	9,303.39	1,243.22	950.38	292.84	4.245	
15,300.00	7,093.58	15,308.80	7,091.32	147.26	148.54	-89.85	1,138.78	9,403.39	1,243.06	946.91	296.15	4.197	
15,400.00	7,093.13	15,408.80	7,091.09	148.92	150.19	-89.86	1,139.22	9,503.39	1,242.90	943.43	299.47	4.150	
15,500.00	7,092.68	15,508.80	7,090.86	150.58	151.84	-89.87	1,139.67	9,603.39	1,242.74	939.96	302.78	4.104	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,092.24	15,608.80	7,090.62	152.23	153.50	-89.88	1,140.11	9,703.38	1,242.58	936.48	306.09	4.059	
15,700.00	7,091.79	15,708.80	7,090.39	153.89	155.15	-89.89	1,140.56	9,803.38	1,242.41	933.00	309.41	4.015	
15,800.00	7,091.34	15,791.20	7,090.16	155.55	156.51	-89.90	1,141.01	9,903.38	1,242.25	929.82	312.43	3.976	
15,900.00	7,090.90	15,908.81	7,089.93	157.21	158.46	-89.91	1,141.45	10,003.38	1,242.09	926.05	316.04	3.930	
16,000.00	7,090.45	16,008.81	7,089.69	158.87	160.12	-89.92	1,141.90	10,103.38	1,241.93	922.57	319.36	3.889	
16,100.00	7,090.01	16,108.81	7,089.46	160.54	161.77	-89.93	1,142.35	10,203.38	1,241.77	919.09	322.68	3.848	
16,200.00	7,089.56	16,208.81	7,089.23	162.20	163.43	-89.94	1,142.79	10,303.37	1,241.61	915.61	326.00	3.809	
16,300.00	7,089.11	16,308.81	7,088.99	163.86	165.08	-89.95	1,143.24	10,403.37	1,241.45	912.13	329.31	3.770	
16,400.00	7,088.67	16,391.19	7,088.76	165.52	166.45	-89.96	1,143.69	10,503.37	1,241.28	908.94	332.34	3.735	
16,500.00	7,088.22	16,508.81	7,088.53	167.18	168.40	-89.97	1,144.13	10,603.37	1,241.12	905.17	335.95	3.694	
16,600.00	7,087.77	16,608.81	7,088.29	168.84	170.05	-89.98	1,144.58	10,703.37	1,240.96	901.69	339.27	3.658	
16,700.00	7,087.33	16,708.81	7,088.06	170.50	171.71	-89.99	1,145.03	10,803.37	1,240.80	898.21	342.59	3.622	
16,800.00	7,086.88	16,808.81	7,087.83	172.17	173.37	-90.00	1,145.47	10,903.36	1,240.64	894.73	345.91	3.587	
16,900.00	7,086.43	16,908.81	7,087.59	173.83	175.03	-90.01	1,145.92	11,003.36	1,240.48	891.24	349.24	3.552	
17,000.00	7,085.99	17,008.81	7,087.36	175.49	176.69	-90.02	1,146.36	11,103.36	1,240.32	887.76	352.56	3.518	
17,100.00	7,085.54	17,091.19	7,087.13	177.15	178.05	-90.03	1,146.81	11,203.36	1,240.16	884.57	355.59	3.488	
17,200.00	7,085.10	17,208.81	7,086.90	178.82	180.00	-90.04	1,147.26	11,303.36	1,240.00	880.79	359.20	3.452	
17,300.00	7,084.65	17,308.81	7,086.66	180.48	181.66	-90.05	1,147.70	11,403.36	1,239.84	877.31	362.53	3.420	
17,400.00	7,084.20	17,408.81	7,086.43	182.14	183.32	-90.06	1,148.15	11,503.36	1,239.67	873.83	365.85	3.388	
17,500.00	7,083.76	17,508.81	7,086.20	183.81	184.98	-90.07	1,148.60	11,603.35	1,239.51	870.34	369.17	3.358	
17,600.00	7,083.31	17,608.81	7,085.96	185.47	186.64	-90.08	1,149.04	11,703.35	1,239.35	866.86	372.50	3.327	
17,700.00	7,082.86	17,708.81	7,085.73	187.13	188.30	-90.09	1,149.49	11,803.35	1,239.19	863.37	375.82	3.297	
17,800.00	7,082.42	17,808.81	7,085.50	188.80	189.96	-90.10	1,149.94	11,903.35	1,239.03	859.89	379.14	3.268	
17,900.00	7,081.97	17,908.81	7,085.26	190.46	191.62	-90.11	1,150.38	12,003.35	1,238.87	856.40	382.47	3.239	
17,993.68	7,081.55	17,984.87	7,085.05	192.02	192.89	-90.12	1,150.80	12,097.03	1,238.72	853.43	385.29	3.215 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	1.00	1.00	3.28	3.28	-89.48	1.09	-119.99	120.00				
100.00	100.00	101.00	101.00	3.28	3.28	-89.48	1.09	-119.99	120.00	112.47	7.53	15.938	
200.00	200.00	201.00	201.00	3.31	3.31	-89.48	1.09	-119.99	120.00	112.43	7.57	15.843	CC, ES
300.00	299.99	302.46	302.45	3.35	3.35	173.07	1.27	-119.74	120.86	113.20	7.66	15.774	
400.00	399.88	405.98	405.92	3.41	3.42	174.25	3.20	-116.93	122.70	114.91	7.79	15.760	
500.00	499.55	509.38	509.07	3.50	3.52	176.56	7.24	-111.05	125.22	117.27	7.95	15.751	
600.00	598.89	612.56	611.67	3.61	3.64	179.88	13.37	-102.14	128.72	120.56	8.16	15.778	
700.00	697.76	715.41	713.49	3.76	3.78	-175.94	21.55	-90.23	133.55	125.14	8.41	15.871	
800.00	796.26	817.88	814.36	3.95	3.97	-171.08	31.76	-75.37	138.98	130.25	8.73	15.923	
900.00	894.76	919.86	914.04	4.17	4.20	-165.47	43.95	-57.64	143.33	134.22	9.11	15.735	
1,000.00	993.26	1,020.20	1,011.37	4.40	4.47	-159.20	57.75	-37.55	147.37	137.79	9.57	15.393	
1,100.00	1,091.76	1,118.78	1,106.83	4.66	4.77	-153.20	71.68	-17.28	152.80	142.69	10.11	15.113	
1,200.00	1,190.26	1,217.36	1,202.29	4.94	5.10	-147.65	85.62	2.99	159.83	149.13	10.70	14.937	
1,300.00	1,288.76	1,315.94	1,297.75	5.23	5.45	-142.61	99.55	23.26	168.24	156.91	11.33	14.844	
1,400.00	1,387.26	1,414.51	1,393.21	5.53	5.81	-138.06	113.48	43.54	177.85	165.85	12.00	14.820	
1,500.00	1,485.76	1,513.09	1,488.67	5.84	6.19	-134.00	127.42	63.81	188.47	175.77	12.69	14.847	
1,600.00	1,584.26	1,611.67	1,584.13	6.16	6.58	-130.38	141.35	84.08	199.93	186.53	13.41	14.912	
1,700.00	1,682.75	1,710.25	1,679.59	6.49	6.99	-127.16	155.28	104.35	212.11	197.98	14.14	15.006	
1,800.00	1,781.25	1,808.83	1,775.06	6.83	7.40	-124.29	169.21	124.63	224.89	210.01	14.87	15.119	
1,900.00	1,879.75	1,907.41	1,870.52	7.01	7.60	-121.73	183.15	144.90	238.16	223.28	14.88	16.002	
2,000.00	1,978.25	2,005.99	1,965.98	7.05	7.66	-119.45	197.08	165.17	251.86	236.86	14.99	16.800	
2,100.00	2,076.75	2,104.57	2,061.44	7.11	7.74	-117.40	211.01	185.44	265.91	250.78	15.13	17.573	
2,200.00	2,175.25	2,203.15	2,156.90	7.18	7.83	-115.55	224.95	205.72	280.26	264.96	15.30	18.317	
2,300.00	2,273.75	2,301.73	2,252.36	7.27	7.95	-113.89	238.88	225.99	294.88	279.38	15.50	19.025	
2,400.00	2,372.25	2,400.30	2,347.82	7.37	8.08	-112.38	252.81	246.26	309.71	293.98	15.73	19.693	
2,500.00	2,470.75	2,501.12	2,443.28	7.49	8.24	-111.02	266.74	266.54	324.74	308.75	15.99	20.313	
2,600.00	2,569.25	2,597.46	2,538.74	7.62	8.40	-109.77	280.68	286.81	339.93	323.66	16.27	20.897	
2,700.00	2,667.74	2,696.04	2,634.20	7.76	8.58	-108.63	294.61	307.08	355.26	338.69	16.58	21.433	
2,800.00	2,766.24	2,805.38	2,729.66	7.92	8.79	-107.58	308.54	327.35	370.73	353.80	16.93	21.896	
2,900.00	2,864.74	2,906.80	2,825.12	8.08	9.01	-106.62	322.48	347.63	386.30	369.01	17.30	22.335	
3,000.00	2,963.24	3,008.22	2,920.58	8.26	9.23	-105.73	336.41	367.90	401.97	384.29	17.68	22.732	
3,100.00	3,061.74	3,109.64	3,016.04	8.45	9.47	-104.91	350.34	388.17	417.74	399.64	18.09	23.090	
3,200.00	3,160.24	3,188.94	3,111.50	8.65	9.66	-104.15	364.28	408.44	433.57	415.11	18.47	23.480	
3,300.00	3,258.74	3,287.51	3,206.96	8.85	9.91	-103.44	378.21	428.72	449.48	430.58	18.90	23.778	
3,400.00	3,357.24	3,386.09	3,302.42	9.07	10.17	-102.78	392.14	448.99	465.45	446.10	19.36	24.045	
3,500.00	3,455.74	3,484.67	3,397.88	9.29	10.43	-102.16	406.07	469.26	481.48	461.65	19.83	24.284	
3,600.00	3,554.23	3,583.25	3,493.34	9.52	10.71	-101.59	420.01	489.53	497.56	477.25	20.31	24.496	
3,700.00	3,652.73	3,681.83	3,588.80	9.76	10.99	-101.05	433.94	509.81	513.68	492.87	20.81	24.685	
3,800.00	3,751.23	3,780.41	3,684.27	10.00	11.27	-100.54	447.87	530.08	529.85	508.53	21.32	24.851	
3,900.00	3,849.73	3,878.99	3,779.73	10.25	11.57	-100.06	461.81	550.35	546.05	524.21	21.84	24.999	
4,000.00	3,948.23	3,977.57	3,875.19	10.50	11.86	-99.61	475.74	570.63	562.29	539.92	22.38	25.129	
4,100.00	4,046.73	4,076.15	3,970.65	10.76	12.17	-99.19	489.67	590.90	578.56	555.64	22.92	25.243	
4,200.00	4,145.23	4,174.73	4,066.11	11.02	12.47	-98.78	503.60	611.17	594.86	571.39	23.47	25.343	
4,300.00	4,243.73	4,273.30	4,161.57	11.29	12.79	-98.40	517.54	631.44	611.19	587.16	24.03	25.430	
4,400.00	4,342.23	4,371.88	4,257.03	11.56	13.10	-98.04	531.47	651.72	627.54	602.94	24.60	25.506	
4,500.00	4,440.72	4,470.46	4,352.49	11.84	13.42	-97.70	545.40	671.99	643.92	618.74	25.18	25.571	
4,600.00	4,539.22	4,569.04	4,447.95	12.12	13.75	-97.38	559.34	692.26	660.32	634.55	25.77	25.628	
4,700.00	4,637.72	4,667.62	4,543.41	12.40	14.08	-97.07	573.27	712.53	676.73	650.38	26.36	25.676	
4,800.00	4,736.22	4,766.20	4,638.87	12.69	14.41	-96.77	587.20	732.81	693.17	666.21	26.95	25.717	
4,900.00	4,834.72	4,864.78	4,734.33	12.97	14.74	-96.49	601.13	753.08	709.62	682.06	27.56	25.752	
5,000.00	4,933.22	4,963.36	4,829.79	13.26	15.07	-96.22	615.07	773.35	726.09	697.92	28.16	25.780	
5,100.00	5,031.72	5,061.94	4,925.25	13.56	15.41	-95.97	629.00	793.62	742.57	713.79	28.78	25.804	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,130.22	5,160.52	5,020.71	13.85	15.75	-95.72	642.93	813.90	759.06	729.67	29.40	25.823		
5,300.00	5,228.72	5,259.09	5,116.17	14.15	16.10	-95.49	656.87	834.17	775.57	745.56	30.02	25.837		
5,400.00	5,327.21	5,357.67	5,211.63	14.45	16.44	-95.26	670.80	854.44	792.09	761.45	30.64	25.849		
5,500.00	5,425.71	5,456.25	5,307.09	14.75	16.79	-95.04	684.73	874.72	808.63	777.35	31.27	25.856		
5,600.00	5,524.21	5,554.83	5,402.55	15.05	17.14	-94.84	698.66	894.99	825.17	793.26	31.91	25.861		
5,700.00	5,622.71	5,653.41	5,498.01	15.36	17.49	-94.64	712.60	915.26	841.72	809.18	32.55	25.863		
5,800.00	5,721.21	5,751.99	5,593.48	15.67	17.84	-94.45	726.53	935.53	858.29	825.10	33.19	25.863		
5,900.00	5,819.71	5,850.57	5,688.94	15.97	18.19	-94.26	740.46	955.81	874.86	841.03	33.83	25.861		
6,000.00	5,918.21	5,949.15	5,784.40	16.28	18.55	-94.09	754.40	976.08	891.44	856.96	34.48	25.857		
6,100.00	6,016.71	6,047.73	5,879.86	16.59	18.90	-93.91	768.33	996.35	908.03	872.90	35.13	25.851		
6,200.00	6,115.21	6,146.30	5,975.32	16.91	19.26	-93.75	782.26	1,016.62	924.62	888.85	35.78	25.844		
6,300.00	6,213.70	6,244.88	6,070.78	17.22	19.62	-93.59	796.19	1,036.90	941.23	904.80	36.43	25.836		
6,400.00	6,312.20	6,343.46	6,166.24	17.53	19.98	-93.44	810.13	1,057.17	957.84	920.75	37.09	25.826		
6,500.00	6,410.70	6,442.04	6,261.70	17.85	20.34	-93.29	824.06	1,077.44	974.45	936.71	37.75	25.816		
6,600.00	6,509.20	6,540.62	6,357.16	18.17	20.70	-93.15	837.99	1,097.71	991.08	952.67	38.41	25.804		
6,700.00	6,607.69	6,639.20	6,452.62	18.48	21.07	-92.40	851.93	1,117.99	1,007.70	968.63	39.07	25.792		
6,800.00	6,704.15	6,737.63	6,547.93	18.86	21.43	-87.92	865.84	1,138.23	1,023.49	983.68	39.81	25.708		
6,900.00	6,795.38	6,834.05	6,641.30	19.35	21.79	-86.57	879.47	1,158.06	1,037.85	997.17	40.68	25.513		
7,000.00	6,879.12	6,929.42	6,733.24	19.94	22.15	-86.58	892.82	1,179.51	1,051.29	1,009.61	41.68	25.220		
7,100.00	6,953.32	7,031.62	6,827.70	20.64	22.64	-87.11	906.09	1,215.88	1,063.87	1,020.95	42.93	24.783		
7,200.00	7,016.16	7,141.44	6,921.46	21.44	23.28	-87.95	918.64	1,271.39	1,075.20	1,030.76	44.44	24.192		
7,300.00	7,066.07	7,260.15	7,010.65	22.34	24.13	-89.03	929.81	1,348.67	1,084.80	1,038.55	46.25	23.456		
7,400.00	7,101.84	7,388.75	7,089.55	23.34	25.21	-90.28	938.65	1,449.56	1,092.08	1,043.74	48.34	22.592		
7,500.00	7,122.58	7,527.56	7,150.45	24.40	26.55	-91.61	943.99	1,573.87	1,096.40	1,045.71	50.70	21.627		
7,600.00	7,127.94	7,675.61	7,184.53	25.51	28.13	-92.91	944.62	1,717.61	1,097.11	1,043.86	53.24	20.606		
7,700.00	7,127.49	7,802.93	7,188.82	26.66	29.55	-93.17	941.24	1,844.70	1,093.91	1,038.17	55.74	19.626		
7,800.00	7,127.05	7,902.85	7,188.46	27.87	30.71	-93.19	938.01	1,944.57	1,090.08	1,031.96	58.13	18.754		
7,900.00	7,126.60	8,002.78	7,188.11	29.13	31.91	-93.21	934.77	2,044.44	1,086.25	1,025.65	60.60	17.924		
8,000.00	7,126.16	8,102.70	7,187.75	30.43	33.16	-93.22	931.54	2,144.32	1,082.42	1,019.26	63.16	17.137		
8,100.00	7,125.71	8,202.63	7,187.39	31.76	34.43	-93.24	928.31	2,244.19	1,078.59	1,012.80	65.79	16.394		
8,200.00	7,125.26	8,302.56	7,187.03	33.12	35.75	-93.25	925.08	2,344.06	1,074.76	1,006.28	68.48	15.694		
8,300.00	7,124.82	8,402.48	7,186.67	34.52	37.09	-93.27	921.85	2,443.94	1,070.93	999.71	71.23	15.035		
8,400.00	7,124.37	8,502.41	7,186.31	35.93	38.45	-93.29	918.62	2,543.81	1,067.10	993.08	74.02	14.416		
8,500.00	7,123.92	8,602.34	7,185.95	37.37	39.84	-93.30	915.39	2,643.68	1,063.27	986.41	76.86	13.833		
8,600.00	7,123.48	8,702.26	7,185.59	38.82	41.25	-93.32	912.16	2,743.56	1,059.45	979.70	79.74	13.286		
8,700.00	7,123.03	8,802.19	7,185.24	40.30	42.68	-93.34	908.92	2,843.43	1,055.62	972.96	82.65	12.772		
8,800.00	7,122.59	8,902.11	7,184.88	41.79	44.13	-93.35	905.69	2,943.30	1,051.79	966.19	85.60	12.288		
8,900.00	7,122.14	9,002.04	7,184.52	43.29	45.59	-93.37	902.46	3,043.18	1,047.96	959.39	88.57	11.832		
9,000.00	7,121.69	9,101.97	7,184.16	44.80	47.06	-93.39	899.23	3,143.05	1,044.13	952.56	91.56	11.403		
9,100.00	7,121.25	9,201.89	7,183.80	46.33	48.55	-93.40	896.00	3,242.92	1,040.30	945.72	94.58	10.999		
9,200.00	7,120.80	9,301.82	7,183.44	47.86	50.05	-93.42	892.77	3,342.80	1,036.47	938.85	97.62	10.617		
9,300.00	7,120.35	9,401.74	7,183.08	49.40	51.56	-93.44	889.54	3,442.67	1,032.64	931.96	100.68	10.256		
9,400.00	7,119.91	9,501.67	7,182.73	50.96	53.08	-93.46	886.31	3,542.54	1,028.81	925.05	103.76	9.915		
9,500.00	7,119.46	9,577.17	7,182.45	52.52	54.24	-93.47	884.68	3,618.02	1,026.09	919.47	106.62	9.624		
9,549.79	7,119.24	9,627.77	7,182.33	53.30	55.01	-93.47	884.58	3,652.58	1,025.68	917.44	108.24	9.476		
9,600.00	7,119.02	9,661.94	7,182.15	54.08	55.54	-93.47	884.90	3,702.80	1,025.70	916.14	109.56	9.362		
9,700.00	7,118.57	9,761.94	7,181.79	55.65	57.08	-93.48	885.54	3,802.79	1,025.74	913.06	112.67	9.104		
9,800.00	7,118.12	9,861.94	7,181.43	57.23	58.64	-93.48	886.18	3,902.79	1,025.77	909.96	115.81	8.858		
9,900.00	7,117.68	9,961.94	7,181.07	58.81	60.20	-93.49	886.82	4,002.79	1,025.81	906.86	118.95	8.624		
10,000.00	7,117.23	10,061.94	7,180.71	60.40	61.77	-93.49	887.46	4,102.78	1,025.84	903.74	122.10	8.401		
10,100.00	7,116.78	10,161.94	7,180.35	61.99	63.34	-93.50	888.10	4,202.78	1,025.88	900.61	125.27	8.189		
10,200.00	7,116.34	10,261.94	7,180.00	63.59	64.92	-93.50	888.74	4,302.78	1,025.92	897.48	128.44	7.988		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,115.89	10,361.94	7,179.64	65.19	66.50	-93.51	889.37	4,402.78	1,025.95	894.33	131.62	7.795		
10,400.00	7,115.44	10,461.94	7,179.28	66.80	68.08	-93.51	890.01	4,502.77	1,025.99	891.18	134.81	7.611		
10,500.00	7,115.00	10,561.94	7,178.92	68.40	69.67	-93.52	890.65	4,602.77	1,026.02	888.02	138.00	7.435		
10,600.00	7,114.55	10,661.94	7,178.56	70.01	71.27	-93.52	891.29	4,702.77	1,026.06	884.86	141.21	7.266		
10,700.00	7,114.11	10,761.94	7,178.20	71.63	72.86	-93.53	891.93	4,802.77	1,026.10	881.68	144.41	7.105		
10,800.00	7,113.66	10,861.94	7,177.84	73.24	74.47	-93.53	892.57	4,902.76	1,026.13	878.51	147.63	6.951		
10,900.00	7,113.21	10,961.94	7,177.48	74.86	76.07	-93.53	893.20	5,002.76	1,026.17	875.32	150.85	6.803		
11,000.00	7,112.77	11,061.94	7,177.12	76.48	77.68	-93.54	893.84	5,102.76	1,026.21	872.14	154.07	6.661		
11,100.00	7,112.32	11,161.94	7,176.76	78.10	79.29	-93.54	894.48	5,202.75	1,026.24	868.94	157.30	6.524		
11,200.00	7,111.87	11,261.94	7,176.40	79.73	80.90	-93.55	895.12	5,302.75	1,026.28	865.75	160.53	6.393		
11,300.00	7,111.43	11,361.94	7,176.04	81.35	82.51	-93.55	895.76	5,402.75	1,026.31	862.55	163.77	6.267		
11,400.00	7,110.98	11,461.94	7,175.69	82.98	84.13	-93.56	896.40	5,502.75	1,026.35	859.34	167.01	6.145		
11,500.00	7,110.54	11,561.94	7,175.33	84.61	85.75	-93.56	897.03	5,602.74	1,026.39	856.13	170.25	6.029		
11,600.00	7,110.09	11,661.94	7,174.97	86.24	87.37	-93.57	897.67	5,702.74	1,026.42	852.92	173.50	5.916		
11,700.00	7,109.64	11,761.94	7,174.61	87.88	88.99	-93.57	898.31	5,802.74	1,026.46	849.70	176.75	5.807		
11,800.00	7,109.20	11,861.94	7,174.25	89.51	90.61	-93.58	898.95	5,902.74	1,026.50	846.49	180.01	5.702		
11,900.00	7,108.75	11,961.94	7,173.89	91.15	92.24	-93.58	899.59	6,002.73	1,026.53	843.27	183.27	5.601		
12,000.00	7,108.30	12,061.94	7,173.53	92.79	93.87	-93.59	900.23	6,102.73	1,026.57	840.04	186.53	5.504		
12,100.00	7,107.86	12,161.94	7,173.17	94.42	95.50	-93.59	900.86	6,202.73	1,026.61	836.81	189.79	5.409		
12,200.00	7,107.41	12,261.94	7,172.81	96.06	97.13	-93.60	901.50	6,302.72	1,026.64	833.59	193.06	5.318		
12,300.00	7,106.96	12,361.94	7,172.45	97.70	98.76	-93.60	902.14	6,402.72	1,026.68	830.35	196.32	5.230		
12,400.00	7,106.52	12,461.94	7,172.09	99.35	100.39	-93.61	902.78	6,502.72	1,026.71	827.12	199.59	5.144		
12,500.00	7,106.07	12,561.94	7,171.73	100.99	102.03	-93.61	903.42	6,602.72	1,026.75	823.88	202.87	5.061		
12,600.00	7,105.63	12,661.94	7,171.38	102.63	103.66	-93.62	904.06	6,702.71	1,026.79	820.65	206.14	4.981		
12,700.00	7,105.18	12,761.94	7,171.02	104.28	105.30	-93.62	904.69	6,802.71	1,026.82	817.41	209.42	4.903		
12,800.00	7,104.73	12,861.94	7,170.66	105.92	106.94	-93.62	905.33	6,902.71	1,026.86	814.16	212.70	4.828		
12,900.00	7,104.29	12,961.94	7,170.30	107.57	108.58	-93.63	905.97	7,002.71	1,026.90	810.92	215.97	4.755		
13,000.00	7,103.84	13,061.94	7,169.94	109.22	110.22	-93.63	906.61	7,102.70	1,026.93	807.68	219.26	4.684		
13,100.00	7,103.39	13,161.94	7,169.58	110.86	111.86	-93.64	907.25	7,202.70	1,026.97	804.43	222.54	4.615		
13,200.00	7,102.95	13,261.94	7,169.22	112.51	113.50	-93.64	907.89	7,302.70	1,027.01	801.18	225.82	4.548		
13,300.00	7,102.50	13,361.94	7,168.86	114.16	115.14	-93.65	908.52	7,402.69	1,027.04	797.93	229.11	4.483		
13,400.00	7,102.06	13,461.94	7,168.50	115.81	116.78	-93.65	909.16	7,502.69	1,027.08	794.68	232.40	4.419		
13,500.00	7,101.61	13,561.94	7,168.14	117.46	118.43	-93.66	909.80	7,602.69	1,027.11	791.43	235.69	4.358		
13,600.00	7,101.16	13,661.94	7,167.78	119.11	120.07	-93.66	910.44	7,702.69	1,027.15	788.17	238.98	4.298		
13,700.00	7,100.72	13,761.94	7,167.42	120.77	121.72	-93.67	911.08	7,802.68	1,027.19	784.92	242.27	4.240		
13,800.00	7,100.27	13,861.94	7,167.07	122.42	123.37	-93.67	911.72	7,902.68	1,027.22	781.66	245.56	4.183		
13,900.00	7,099.82	13,961.94	7,166.71	124.07	125.01	-93.68	912.35	8,002.68	1,027.26	778.41	248.86	4.128		
14,000.00	7,099.38	14,061.94	7,166.35	125.72	126.66	-93.68	912.99	8,102.68	1,027.30	775.15	252.15	4.074		
14,100.00	7,098.93	14,161.94	7,165.99	127.38	128.31	-93.69	913.63	8,202.67	1,027.33	771.89	255.45	4.022		
14,200.00	7,098.49	14,261.94	7,165.63	129.03	129.96	-93.69	914.27	8,302.67	1,027.37	768.63	258.74	3.971		
14,300.00	7,098.04	14,361.94	7,165.27	130.69	131.61	-93.70	914.91	8,402.67	1,027.41	765.37	262.04	3.921		
14,400.00	7,097.59	14,461.94	7,164.91	132.34	133.26	-93.70	915.55	8,502.66	1,027.44	762.10	265.34	3.872		
14,500.00	7,097.15	14,561.94	7,164.55	134.00	134.91	-93.71	916.18	8,602.66	1,027.48	758.84	268.64	3.825		
14,600.00	7,096.70	14,661.94	7,164.19	135.65	136.56	-93.71	916.82	8,702.66	1,027.52	755.58	271.94	3.778		
14,700.00	7,096.25	14,761.94	7,163.83	137.31	138.21	-93.71	917.46	8,802.66	1,027.55	752.31	275.24	3.733		
14,800.00	7,095.81	14,861.94	7,163.47	138.97	139.86	-93.72	918.10	8,902.65	1,027.59	749.05	278.54	3.689		
14,900.00	7,095.36	14,961.94	7,163.11	140.63	141.52	-93.72	918.74	9,002.65	1,027.63	745.78	281.85	3.646		
15,000.00	7,094.91	15,061.94	7,162.76	142.28	143.17	-93.73	919.38	9,102.65	1,027.66	742.51	285.15	3.604		
15,100.00	7,094.47	15,161.94	7,162.40	143.94	144.82	-93.73	920.01	9,202.65	1,027.70	739.24	288.45	3.563		
15,200.00	7,094.02	15,261.94	7,162.04	145.60	146.48	-93.74	920.65	9,302.64	1,027.74	735.98	291.76	3.523		
15,300.00	7,093.58	15,361.94	7,161.68	147.26	148.13	-93.74	921.29	9,402.64	1,027.77	732.71	295.06	3.483		
15,400.00	7,093.13	15,461.94	7,161.32	148.92	149.79	-93.75	921.93	9,502.64	1,027.81	729.44	298.37	3.445		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,500.00	7,092.68	15,561.94	7,160.96	150.58	151.44	-93.75	922.57	9,602.63	1,027.84	726.17	301.68	3.407	
15,600.00	7,092.24	15,661.94	7,160.60	152.23	153.10	-93.76	923.21	9,702.63	1,027.88	722.90	304.99	3.370	
15,700.00	7,091.79	15,761.94	7,160.24	153.89	154.75	-93.76	923.85	9,802.63	1,027.92	719.62	308.29	3.334	
15,800.00	7,091.34	15,861.94	7,159.88	155.55	156.41	-93.77	924.48	9,902.63	1,027.95	716.35	311.60	3.299	
15,900.00	7,090.90	15,961.94	7,159.52	157.21	158.07	-93.77	925.12	10,002.62	1,027.99	713.08	314.91	3.264	
16,000.00	7,090.45	16,061.94	7,159.16	158.87	159.72	-93.78	925.76	10,102.62	1,028.03	709.81	318.22	3.231	
16,100.00	7,090.01	16,161.94	7,158.80	160.54	161.38	-93.78	926.40	10,202.62	1,028.06	706.53	321.53	3.197	
16,200.00	7,089.56	16,261.94	7,158.45	162.20	163.04	-93.79	927.04	10,302.62	1,028.10	703.26	324.84	3.165	
16,300.00	7,089.11	16,361.94	7,158.09	163.86	164.70	-93.79	927.68	10,402.61	1,028.14	699.98	328.15	3.133	
16,400.00	7,088.67	16,461.94	7,157.73	165.52	166.35	-93.80	928.31	10,502.61	1,028.17	696.71	331.46	3.102	
16,500.00	7,088.22	16,561.94	7,157.37	167.18	168.01	-93.80	928.95	10,602.61	1,028.21	693.43	334.78	3.071	
16,600.00	7,087.77	16,661.94	7,157.01	168.84	169.67	-93.80	929.59	10,702.60	1,028.25	690.16	338.09	3.041	
16,700.00	7,087.33	16,761.94	7,156.65	170.50	171.33	-93.81	930.23	10,802.60	1,028.28	686.88	341.40	3.012	
16,800.00	7,086.88	16,861.94	7,156.29	172.17	172.99	-93.81	930.87	10,902.60	1,028.32	683.60	344.72	2.983	
16,900.00	7,086.43	16,961.94	7,155.93	173.83	174.65	-93.82	931.51	11,002.60	1,028.36	680.33	348.03	2.955	
17,000.00	7,085.99	17,061.94	7,155.57	175.49	176.31	-93.82	932.14	11,102.59	1,028.39	677.05	351.34	2.927	
17,100.00	7,085.54	17,161.94	7,155.21	177.15	177.97	-93.83	932.78	11,202.59	1,028.43	673.77	354.66	2.900	
17,200.00	7,085.10	17,261.94	7,154.85	178.82	179.63	-93.83	933.42	11,302.59	1,028.47	670.49	357.97	2.873	
17,300.00	7,084.65	17,361.94	7,154.49	180.48	181.29	-93.84	934.06	11,402.59	1,028.50	667.22	361.29	2.847	
17,400.00	7,084.20	17,461.94	7,154.14	182.14	182.95	-93.84	934.70	11,502.58	1,028.54	663.94	364.60	2.821	
17,500.00	7,083.76	17,561.94	7,153.78	183.81	184.61	-93.85	935.34	11,602.58	1,028.58	660.66	367.92	2.796	
17,600.00	7,083.31	17,661.94	7,153.42	185.47	186.27	-93.85	935.97	11,702.58	1,028.61	657.38	371.24	2.771	
17,700.00	7,082.86	17,761.94	7,153.06	187.13	187.93	-93.86	936.61	11,802.57	1,028.65	654.10	374.55	2.746	
17,800.00	7,082.42	17,861.94	7,152.70	188.80	189.59	-93.86	937.25	11,902.57	1,028.69	650.82	377.87	2.722	
17,900.00	7,081.97	17,961.94	7,152.34	190.46	191.25	-93.87	937.89	12,002.57	1,028.72	647.54	381.19	2.699	
17,993.68	7,081.55	18,057.10	7,152.00	192.02	192.84	-93.87	938.49	12,096.25	1,028.76	644.44	384.32	2.677 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
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	99.00	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	199.00	3.31	3.31	90.19	-3.62	1,119.76	1,119.77	1,112.19	7.57	147.839	
300.00	299.99	286.57	286.57	3.35	3.34	-7.43	-3.50	1,119.97	1,118.93	1,111.28	7.65	146.205	
400.00	399.88	361.19	361.16	3.41	3.39	-7.51	-2.56	1,121.64	1,116.68	1,108.92	7.76	143.987	
500.00	499.55	435.77	435.64	3.50	3.45	-7.65	-0.66	1,125.01	1,113.24	1,105.35	7.89	141.122	
600.00	598.89	510.28	509.93	3.61	3.52	-7.87	2.18	1,130.06	1,108.62	1,100.57	8.05	137.674	
700.00	697.76	584.70	583.94	3.76	3.60	-8.16	5.97	1,136.78	1,102.85	1,094.61	8.25	133.698	
800.00	796.26	659.05	657.66	3.95	3.70	-8.50	10.70	1,145.16	1,097.15	1,088.68	8.48	129.448	
900.00	894.76	733.39	731.10	4.17	3.82	-8.89	16.36	1,155.21	1,093.75	1,085.02	8.73	125.291	
992.16	985.55	801.80	798.40	4.38	3.94	-9.29	22.39	1,165.92	1,092.73	1,083.74	8.99	121.570	
1,000.00	993.26	807.61	804.10	4.40	3.95	-9.33	22.94	1,166.89	1,092.74	1,083.73	9.01	121.260	
1,100.00	1,091.76	904.39	899.00	4.66	4.16	-9.93	32.25	1,183.40	1,093.21	1,083.82	9.39	116.481	
1,200.00	1,190.26	1,003.68	996.37	4.94	4.41	-10.55	41.80	1,200.35	1,093.82	1,084.02	9.80	111.640	
1,300.00	1,288.76	1,102.97	1,093.73	5.23	4.67	-11.16	51.35	1,217.30	1,094.56	1,084.32	10.24	106.905	
1,400.00	1,387.26	1,202.26	1,191.10	5.53	4.95	-11.78	60.90	1,234.25	1,095.43	1,084.72	10.70	102.345	
1,500.00	1,485.76	1,301.55	1,288.47	5.84	5.25	-12.39	70.45	1,251.20	1,096.42	1,085.24	11.19	97.991	
1,600.00	1,584.26	1,400.84	1,385.83	6.16	5.57	-13.01	80.00	1,268.15	1,097.55	1,085.86	11.69	93.870	
1,700.00	1,682.75	1,500.13	1,483.20	6.49	5.89	-13.62	89.56	1,285.10	1,098.80	1,086.59	12.21	89.981	
1,800.00	1,781.25	1,600.57	1,580.56	6.83	6.23	-14.23	99.11	1,302.05	1,100.18	1,087.43	12.75	86.307	
1,900.00	1,879.75	1,701.28	1,677.93	7.01	6.57	-14.84	108.66	1,319.00	1,101.68	1,088.73	12.95	85.059	
2,000.00	1,978.25	1,801.99	1,775.29	7.05	6.92	-15.45	118.21	1,335.95	1,103.32	1,090.07	13.25	83.287	
2,100.00	2,076.75	1,902.70	1,872.66	7.11	7.12	-16.06	127.76	1,352.90	1,105.07	1,091.82	13.25	83.388	
2,200.00	2,175.25	2,003.41	1,970.03	7.18	7.16	-16.66	137.31	1,369.85	1,106.95	1,093.63	13.32	83.078	
2,300.00	2,273.75	2,095.88	2,067.39	7.27	7.22	-17.26	146.87	1,386.80	1,108.96	1,095.54	13.42	82.604	
2,400.00	2,372.25	2,204.83	2,164.76	7.37	7.30	-17.86	156.42	1,403.75	1,111.09	1,097.53	13.56	81.911	
2,500.00	2,470.75	2,305.54	2,262.12	7.49	7.40	-18.46	165.97	1,420.70	1,113.34	1,099.61	13.73	81.081	
2,600.00	2,569.25	2,406.25	2,359.49	7.62	7.51	-19.05	175.52	1,437.65	1,115.72	1,101.79	13.93	80.108	
2,700.00	2,667.74	2,506.96	2,456.86	7.76	7.64	-19.65	185.07	1,454.60	1,118.22	1,104.06	14.15	79.012	
2,800.00	2,766.24	2,607.67	2,554.22	7.92	7.78	-20.24	194.62	1,471.55	1,120.83	1,106.43	14.40	77.811	
2,900.00	2,864.74	2,708.38	2,651.59	8.08	7.93	-20.82	204.18	1,488.50	1,123.57	1,108.89	14.68	76.524	
3,000.00	2,963.24	2,809.09	2,748.95	8.26	8.10	-21.41	213.73	1,505.45	1,126.42	1,111.44	14.99	75.170	
3,100.00	3,061.74	2,909.80	2,846.32	8.45	8.28	-21.99	223.28	1,522.40	1,129.40	1,114.09	15.31	73.766	
3,200.00	3,160.24	2,989.49	2,943.69	8.65	8.43	-22.57	232.83	1,539.35	1,132.49	1,116.86	15.62	72.488	
3,300.00	3,258.74	3,088.78	3,041.05	8.85	8.62	-23.14	242.38	1,556.29	1,135.69	1,119.71	15.99	71.043	
3,400.00	3,357.24	3,188.08	3,138.42	9.07	8.83	-23.71	251.93	1,573.24	1,139.02	1,122.65	16.37	69.589	
3,500.00	3,455.74	3,287.37	3,235.78	9.29	9.04	-24.28	261.48	1,590.19	1,142.45	1,125.68	16.77	68.136	
3,600.00	3,554.23	3,386.66	3,333.15	9.52	9.26	-24.85	271.04	1,607.14	1,146.00	1,128.82	17.18	66.692	
3,700.00	3,652.73	3,485.95	3,430.51	9.76	9.49	-25.41	280.59	1,624.09	1,149.66	1,132.05	17.61	65.267	
3,800.00	3,751.23	3,585.24	3,527.88	10.00	9.73	-25.97	290.14	1,641.04	1,153.43	1,135.37	18.06	63.865	
3,900.00	3,849.73	3,684.53	3,625.25	10.25	9.97	-26.52	299.69	1,657.99	1,157.31	1,138.80	18.52	62.491	
4,000.00	3,948.23	3,783.82	3,722.61	10.50	10.22	-27.07	309.24	1,674.94	1,161.31	1,142.31	18.99	61.150	
4,100.00	4,046.73	3,883.11	3,819.98	10.76	10.47	-27.62	318.79	1,691.89	1,165.40	1,145.93	19.47	59.843	
4,200.00	4,145.23	3,982.40	3,917.34	11.02	10.73	-28.16	328.35	1,708.84	1,169.61	1,149.64	19.97	58.573	
4,300.00	4,243.73	4,081.69	4,014.71	11.29	11.00	-28.70	337.90	1,725.79	1,173.92	1,153.45	20.47	57.341	
4,400.00	4,342.23	4,180.98	4,112.08	11.56	11.27	-29.23	347.45	1,742.74	1,178.33	1,157.35	20.99	56.149	
4,500.00	4,440.72	4,280.27	4,209.44	11.84	11.54	-29.76	357.00	1,759.69	1,182.85	1,161.34	21.51	54.995	
4,600.00	4,539.22	4,379.56	4,306.81	12.12	11.82	-30.29	366.55	1,776.64	1,187.47	1,165.43	22.04	53.881	
4,700.00	4,637.72	4,478.85	4,404.17	12.40	12.10	-30.81	376.10	1,793.59	1,192.19	1,169.61	22.58	52.805	
4,800.00	4,736.22	4,578.14	4,501.54	12.69	12.39	-31.33	385.66	1,810.54	1,197.01	1,173.88	23.12	51.768	
4,900.00	4,834.72	4,677.44	4,598.91	12.97	12.68	-31.85	395.21	1,827.49	1,201.92	1,178.25	23.68	50.768	
5,000.00	4,933.22	4,776.73	4,696.27	13.26	12.97	-32.36	404.76	1,844.44	1,206.94	1,182.71	24.23	49.804	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,100.00	5,031.72	4,876.02	4,793.64	13.56	13.26	-32.86	414.31	1,861.39	1,212.05	1,187.25	24.80	48.876		
5,200.00	5,130.22	4,975.31	4,891.00	13.85	13.56	-33.37	423.86	1,878.34	1,217.25	1,191.89	25.37	47.983		
5,300.00	5,228.72	5,074.60	4,988.37	14.15	13.86	-33.86	433.41	1,895.29	1,222.55	1,196.61	25.94	47.122		
5,400.00	5,327.21	5,173.89	5,085.73	14.45	14.16	-34.36	442.97	1,912.24	1,227.94	1,201.42	26.52	46.294		
5,500.00	5,425.71	5,273.18	5,183.10	14.75	14.47	-34.85	452.52	1,929.19	1,233.43	1,206.32	27.11	45.497		
5,600.00	5,524.21	5,372.47	5,280.47	15.05	14.77	-35.33	462.07	1,946.13	1,239.00	1,211.30	27.70	44.729		
5,700.00	5,622.71	5,471.76	5,377.83	15.36	15.08	-35.81	471.62	1,963.08	1,244.66	1,216.36	28.29	43.990		
5,800.00	5,721.21	5,571.05	5,475.20	15.67	15.39	-36.29	481.17	1,980.03	1,250.41	1,221.51	28.89	43.278		
5,900.00	5,819.71	5,670.34	5,572.56	15.97	15.70	-36.76	490.72	1,996.98	1,256.24	1,226.75	29.49	42.593		
6,000.00	5,918.21	5,769.63	5,669.93	16.28	16.01	-37.23	500.27	2,013.93	1,262.16	1,232.06	30.10	41.933		
6,100.00	6,016.71	5,869.13	5,770.43	16.59	23.06	-110.66	633.20	942.51	1,216.80	1,184.48	32.32	37.651		
6,200.00	6,115.21	5,979.23	5,894.77	16.91	22.87	-109.32	633.16	961.98	1,143.48	1,110.43	33.05	34.597		
6,300.00	6,213.70	6,079.75	5,995.24	17.22	22.68	-107.98	633.12	981.46	1,074.12	1,040.24	33.88	31.701		
6,400.00	6,312.20	6,179.27	6,095.71	17.53	22.49	-106.62	633.07	1,000.93	1,009.54	974.72	34.81	28.997		
6,500.00	6,410.70	6,279.79	6,196.18	17.85	22.30	-105.25	633.03	1,020.41	950.71	914.87	35.84	26.526		
6,600.00	6,509.20	6,379.31	6,296.65	18.17	22.11	-103.87	632.99	1,039.88	898.75	861.82	36.94	24.332		
6,700.00	6,607.69	6,478.19	6,397.12	18.48	21.93	-102.27	632.94	1,059.40	854.94	816.86	38.08	22.452		
6,800.00	6,704.15	6,573.58	6,497.80	18.86	21.68	-100.13	632.88	1,087.60	821.17	782.02	39.15	20.976		
6,900.00	6,795.38	6,660.73	6,588.83	19.35	21.30	-98.18	632.79	1,130.44	798.50	758.46	40.04	19.942		
7,000.00	6,879.12	6,754.29	6,670.19	19.94	20.84	-95.29	632.66	1,186.86	786.20	745.44	40.75	19.291		
7,100.00	6,953.32	6,835.65	6,751.84	20.64	20.31	-91.64	632.51	1,255.48	782.28	741.00	41.28	18.950		
7,110.89	6,960.75	6,842.50	6,762.03	20.72	20.25	-91.22	632.49	1,263.62	782.25	740.91	41.34	18.922	CC, ES	
7,200.00	7,016.16	6,906.50	6,823.74	21.44	19.77	-87.74	632.34	1,334.60	784.02	742.31	41.71	18.796		
7,300.00	7,066.07	6,951.79	6,875.85	22.34	19.28	-84.15	632.14	1,422.29	788.49	746.34	42.15	18.707		
7,400.00	7,101.84	6,992.81	6,916.58	23.34	18.88	-81.34	631.80	1,513.24	793.18	750.51	42.67	18.590		
7,500.00	7,122.58	7,003.39	6,927.02	24.40	18.60	-78.99	630.46	1,599.05	797.16	753.88	43.28	18.419		
7,600.00	7,127.94	7,008.02	6,934.92	25.51	18.42	-76.99	628.10	1,679.87	800.20	756.25	43.95	18.208		
7,700.00	7,127.49	7,008.06	6,931.77	26.66	18.32	-74.99	624.98	1,752.45	804.76	760.12	44.64	18.027		
7,800.00	7,127.05	7,009.93	6,886.06	27.87	18.28	-72.70	621.46	1,814.35	813.31	768.02	45.28	17.961	SF	
7,900.00	7,126.60	7,010.00	6,882.90	29.13	18.28	-70.41	617.96	1,864.11	827.02	781.20	45.82	18.048		
8,000.00	7,126.16	6,993.75	6,871.65	30.43	18.29	-68.02	614.27	1,907.78	846.82	800.60	46.21	18.324		
8,100.00	7,125.71	6,990.00	6,877.67	31.76	18.30	-66.03	611.16	1,939.47	873.30	826.84	46.46	18.797		
8,200.00	7,125.26	6,990.00	6,875.85	33.12	18.32	-63.65	607.36	1,973.06	906.67	860.17	46.51	19.496		
8,300.00	7,124.82	6,870.02	6,727.55	34.52	18.33	-62.18	604.97	1,991.77	946.77	900.29	46.48	20.369		
8,400.00	7,124.37	6,838.92	6,702.48	35.93	18.34	-60.62	602.41	2,009.99	993.32	946.99	46.33	21.441		
8,500.00	7,123.92	6,811.67	6,679.81	37.37	18.34	-59.25	600.10	2,024.93	1,045.79	999.69	46.10	22.685		
8,600.00	7,123.48	6,787.67	6,659.33	38.82	18.34	-58.04	598.02	2,037.27	1,103.60	1,057.78	45.82	24.083		
8,700.00	7,123.03	6,766.44	6,640.84	40.30	18.35	-56.96	596.14	2,047.53	1,166.16	1,120.64	45.52	25.617		
8,800.00	7,122.59	6,750.00	6,626.29	41.79	18.35	-56.13	594.67	2,055.05	1,232.90	1,187.67	45.23	27.261		
8,900.00	7,122.14	6,730.68	6,608.96	43.29	18.34	-55.16	592.92	2,063.39	1,303.27	1,258.37	44.90	29.023		
9,000.00	7,121.69	6,715.53	6,595.20	44.80	18.34	-54.40	591.53	2,069.57	1,376.83	1,332.23	44.61	30.865		
9,100.00	7,121.25	6,700.00	6,580.94	46.33	18.34	-53.62	590.09	2,075.55	1,453.16	1,408.84	44.32	32.788		
9,200.00	7,120.80	6,700.00	6,580.94	47.86	18.34	-53.62	590.09	2,075.55	1,532.00	1,487.88	44.12	34.722		
9,300.00	7,120.35	6,678.26	6,560.74	49.40	18.33	-52.54	588.06	2,083.34	1,612.71	1,568.88	43.83	36.796		
9,400.00	7,119.91	6,668.00	6,551.12	50.96	18.33	-52.04	587.09	2,086.78	1,695.36	1,651.75	43.61	38.876		
9,500.00	7,119.46	6,650.00	6,534.12	52.52	18.32	-51.16	585.38	2,092.42	1,779.68	1,736.31	43.37	41.036		
9,600.00	7,119.02	6,650.00	6,534.12	54.08	18.32	-51.16	585.38	2,092.42	1,865.26	1,822.03	43.23	43.145		
9,700.00	7,118.57	6,650.00	6,534.12	55.65	18.32	-51.16	585.38	2,092.42	1,952.21	1,909.10	43.11	45.288		
9,800.00	7,118.12	6,650.00	6,534.12	57.23	18.32	-51.16	585.38	2,092.42	2,040.35	1,997.36	42.99	47.456		
9,900.00	7,117.68	6,627.84	6,512.97	58.81	18.31	-50.09	583.26	2,098.70	2,129.07	2,086.27	42.80	49.748		
10,000.00	7,117.23	6,621.50	6,506.89	60.40	18.30	-49.79	582.65	2,100.36	2,218.88	2,176.20	42.68	51.983		
10,100.00	7,116.78	6,600.00	6,486.12	61.99	18.29	-48.77	580.58	2,105.54	2,309.69	2,267.17	42.52	54.321		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,116.34	6,600.00	6,486.12	63.59	18.29	-48.77	580.58	2,105.54	2,400.82	2,358.36	42.46	56.545	
10,300.00	7,115.89	6,600.00	6,486.12	65.19	18.29	-48.77	580.58	2,105.54	2,492.63	2,450.22	42.41	58.778	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-3.62	1,139.53	1,139.54				
100.00	100.00	100.00	100.00	3.28	3.28	90.18	-3.62	1,139.53	1,139.54	1,132.01	7.53	151.356	
200.00	200.00	200.00	200.00	3.31	3.31	90.18	-3.62	1,139.53	1,139.54	1,131.96	7.57	150.456	
300.00	299.99	287.91	287.90	3.35	3.34	-7.43	-3.47	1,139.73	1,138.69	1,131.04	7.65	148.771	
400.00	399.88	363.70	363.67	3.41	3.39	-7.52	-2.27	1,141.34	1,136.32	1,128.56	7.76	146.471	
500.00	499.55	439.42	439.28	3.50	3.45	-7.69	0.11	1,144.56	1,132.62	1,124.72	7.89	143.484	
600.00	598.89	515.02	514.65	3.61	3.52	-7.95	3.67	1,149.38	1,127.61	1,119.54	8.06	139.880	
700.00	697.76	590.47	589.67	3.76	3.61	-8.28	8.40	1,155.77	1,121.31	1,113.05	8.26	135.725	
800.00	796.26	665.77	664.31	3.95	3.71	-8.68	14.30	1,163.74	1,114.96	1,106.47	8.49	131.269	
900.00	894.76	741.00	738.60	4.17	3.83	-9.14	21.35	1,173.27	1,110.81	1,102.05	8.75	126.892	
1,000.00	993.26	816.04	812.36	4.40	3.97	-9.65	29.54	1,184.33	1,108.94	1,099.89	9.04	122.630	
1,030.61	1,023.42	838.96	834.82	4.48	4.02	-9.82	32.27	1,188.02	1,108.83	1,099.69	9.14	121.347	
1,100.00	1,091.76	903.55	898.00	4.66	4.16	-10.31	40.26	1,198.82	1,109.09	1,099.70	9.40	118.025	
1,200.00	1,190.26	1,002.47	994.74	4.94	4.41	-11.06	52.53	1,215.40	1,109.69	1,099.87	9.82	113.041	
1,300.00	1,288.76	1,101.39	1,091.49	5.23	4.68	-11.80	64.79	1,231.97	1,110.47	1,100.21	10.27	108.175	
1,400.00	1,387.26	1,200.31	1,188.24	5.53	4.97	-12.55	77.06	1,248.54	1,111.45	1,100.71	10.74	103.493	
1,500.00	1,485.76	1,300.77	1,284.99	5.84	5.28	-13.30	89.32	1,265.11	1,112.62	1,101.38	11.24	98.998	
1,600.00	1,584.26	1,401.85	1,381.73	6.16	5.61	-14.04	101.58	1,281.69	1,113.98	1,102.22	11.76	94.739	
1,700.00	1,682.75	1,497.07	1,478.48	6.49	5.93	-14.78	113.85	1,298.26	1,115.53	1,103.26	12.28	90.855	
1,800.00	1,781.25	1,604.01	1,575.23	6.83	6.30	-15.52	126.11	1,314.83	1,117.28	1,104.43	12.84	86.986	
1,900.00	1,879.75	1,705.10	1,671.97	7.01	6.66	-16.26	138.38	1,331.40	1,119.21	1,106.15	13.06	85.685	
2,000.00	1,978.25	1,806.18	1,768.72	7.05	7.02	-16.99	150.64	1,347.98	1,121.33	1,107.97	13.36	83.910	
2,100.00	2,076.75	1,907.26	1,865.47	7.11	7.21	-17.72	162.91	1,364.55	1,123.64	1,110.27	13.37	84.045	
2,200.00	2,175.25	2,008.34	1,962.21	7.18	7.26	-18.45	175.17	1,381.12	1,126.13	1,112.69	13.44	83.763	
2,300.00	2,273.75	2,109.42	2,058.96	7.27	7.33	-19.18	187.43	1,397.70	1,128.81	1,115.26	13.55	83.295	
2,400.00	2,372.25	2,189.50	2,155.71	7.37	7.40	-19.90	199.70	1,414.27	1,131.68	1,118.00	13.68	82.734	
2,500.00	2,470.75	2,288.42	2,252.45	7.49	7.49	-20.62	211.96	1,430.84	1,134.72	1,120.88	13.84	81.961	
2,600.00	2,569.25	2,387.34	2,349.20	7.62	7.61	-21.33	224.23	1,447.41	1,137.95	1,123.91	14.04	81.048	
2,700.00	2,667.74	2,486.26	2,445.95	7.76	7.73	-22.04	236.49	1,463.99	1,141.36	1,127.09	14.26	80.012	
2,800.00	2,766.24	2,585.18	2,542.69	7.92	7.87	-22.75	248.76	1,480.56	1,144.94	1,130.42	14.52	78.873	
2,900.00	2,864.74	2,684.10	2,639.44	8.08	8.03	-23.45	261.02	1,497.13	1,148.70	1,133.90	14.79	77.649	
3,000.00	2,963.24	2,783.02	2,736.19	8.26	8.19	-24.14	273.28	1,513.70	1,152.63	1,137.54	15.10	76.357	
3,100.00	3,061.74	2,881.94	2,832.93	8.45	8.37	-24.84	285.55	1,530.28	1,156.74	1,141.32	15.42	75.014	
3,200.00	3,160.24	2,980.86	2,929.68	8.65	8.56	-25.52	297.81	1,546.85	1,161.01	1,145.25	15.77	73.636	
3,300.00	3,258.74	3,079.77	3,026.43	8.85	8.76	-26.21	310.08	1,563.42	1,165.46	1,149.33	16.13	72.236	
3,400.00	3,357.24	3,178.69	3,123.18	9.07	8.97	-26.88	322.34	1,579.99	1,170.07	1,153.55	16.52	70.827	
3,500.00	3,455.74	3,277.61	3,219.92	9.29	9.19	-27.55	334.61	1,596.57	1,174.85	1,157.92	16.92	69.418	
3,600.00	3,554.23	3,376.53	3,316.67	9.52	9.42	-28.22	346.87	1,613.14	1,179.79	1,162.44	17.34	68.019	
3,700.00	3,652.73	3,475.45	3,413.42	9.76	9.65	-28.88	359.13	1,629.71	1,184.89	1,167.11	17.78	66.637	
3,800.00	3,751.23	3,574.37	3,510.16	10.00	9.89	-29.54	371.40	1,646.28	1,190.15	1,171.92	18.23	65.278	
3,900.00	3,849.73	3,673.29	3,606.91	10.25	10.14	-30.19	383.66	1,662.86	1,195.57	1,176.87	18.70	63.946	
4,000.00	3,948.23	3,772.21	3,703.66	10.50	10.40	-30.83	395.93	1,679.43	1,201.14	1,181.96	19.17	62.646	
4,100.00	4,046.73	3,871.13	3,800.40	10.76	10.66	-31.47	408.19	1,696.00	1,206.86	1,187.20	19.66	61.380	
4,200.00	4,145.23	3,970.05	3,897.15	11.02	10.93	-32.10	420.46	1,712.58	1,212.73	1,192.57	20.16	60.150	
4,300.00	4,243.73	4,068.97	3,993.90	11.29	11.20	-32.72	432.72	1,729.15	1,218.76	1,198.08	20.67	58.958	
4,400.00	4,342.23	4,167.89	4,090.64	11.56	11.47	-33.34	444.98	1,745.72	1,224.92	1,203.73	21.19	57.804	
4,500.00	4,440.72	4,266.81	4,187.39	11.84	11.75	-33.96	457.25	1,762.29	1,231.24	1,209.52	21.72	56.689	
4,600.00	4,539.22	4,365.72	4,284.14	12.12	12.04	-34.56	469.51	1,778.87	1,237.69	1,215.43	22.26	55.612	
4,700.00	4,637.72	4,464.64	4,380.88	12.40	12.32	-35.16	481.78	1,795.44	1,244.28	1,221.48	22.80	54.573	
4,800.00	4,736.22	4,563.56	4,477.63	12.69	12.62	-35.76	494.04	1,812.01	1,251.01	1,227.66	23.35	53.572	
4,900.00	4,834.72	4,662.48	4,574.38	12.97	12.91	-36.35	506.31	1,828.58	1,257.87	1,233.96	23.91	52.607	
5,000.00	4,933.22	4,761.40	4,671.13	13.26	13.21	-36.93	518.57	1,845.16	1,264.87	1,240.40	24.48	51.679	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.72	4,860.32	4,767.87	13.56	13.51	-37.50	530.83	1,861.73	1,272.00	1,246.95	25.05	50.785	
5,200.00	5,130.22	4,959.24	4,864.62	13.85	13.81	-38.07	543.10	1,878.30	1,279.25	1,253.63	25.62	49.925	
5,300.00	5,228.72	5,058.16	4,961.37	14.15	14.12	-38.64	555.36	1,894.87	1,286.64	1,260.43	26.21	49.098	
5,400.00	5,327.21	5,157.08	5,058.11	14.45	14.42	-39.19	567.63	1,911.45	1,294.14	1,267.35	26.79	48.302	
5,500.00	5,425.71	5,256.00	5,154.86	14.75	14.73	-39.74	579.89	1,928.02	1,301.77	1,274.39	27.38	47.537	
5,600.00	5,524.21	5,354.92	5,251.61	15.05	15.05	-40.29	592.16	1,944.59	1,309.52	1,281.54	27.98	46.801	
5,700.00	5,622.71	5,453.84	5,348.35	15.36	15.36	-40.82	604.42	1,961.17	1,317.38	1,288.80	28.58	46.093	
5,800.00	5,721.21	5,552.76	5,445.10	15.67	15.68	-41.35	616.68	1,977.74	1,325.36	1,296.18	29.19	45.411	
5,900.00	5,819.71	5,651.68	5,541.85	15.97	15.99	-41.88	628.95	1,994.31	1,333.46	1,303.66	29.79	44.756	
6,000.00	5,918.21	5,750.59	5,638.59	16.28	16.31	-42.40	641.21	2,010.88	1,341.66	1,311.26	30.41	44.125	
6,100.00	6,016.71	5,849.51	5,735.34	16.59	16.63	-42.91	653.48	2,027.46	1,349.98	1,318.96	31.02	43.518	
6,200.00	6,115.21	5,948.43	5,832.09	16.91	16.96	-43.41	665.74	2,044.03	1,358.40	1,326.76	31.64	42.933	
6,300.00	6,213.70	6,047.35	5,918.84	17.22	17.27	-43.91	678.00	2,060.60	1,366.82	1,334.66	32.26	42.348	
6,400.00	6,312.20	6,146.26	6,000.33	17.53	17.58	-44.41	690.26	2,077.17	1,375.24	1,342.66	32.88	41.763	
6,500.00	6,410.70	6,245.18	6,093.48	17.85	17.90	-44.91	702.52	2,093.74	1,383.66	1,350.66	33.50	41.178	
6,600.00	6,509.20	6,344.09	6,186.99	18.17	18.22	-45.41	714.78	2,110.31	1,392.08	1,358.66	34.12	40.593	
6,700.00	6,607.69	6,443.01	6,280.50	18.48	18.53	-45.91	727.04	2,126.88	1,400.50	1,366.66	34.74	40.008	
6,800.00	6,706.19	6,541.92	6,373.01	18.79	18.84	-46.41	739.30	2,143.45	1,408.92	1,374.66	35.36	39.423	
6,900.00	6,795.38	6,634.83	6,465.52	19.10	19.15	-46.91	751.56	2,160.02	1,417.34	1,382.66	35.98	38.838	
7,000.00	6,879.12	6,723.37	6,557.69	19.41	19.46	-47.41	763.82	2,176.59	1,425.76	1,390.66	36.60	38.253	
7,100.00	6,953.32	6,803.57	6,649.89	20.64	21.17	-96.96	833.05	1,252.20	993.57	952.04	41.54	23.921	
7,200.00	7,016.16	6,884.41	6,732.57	21.44	20.61	-94.52	832.85	1,331.70	987.27	945.13	42.14	23.427	
7,300.00	7,066.07	6,963.32	6,811.69	22.34	20.13	-92.20	832.63	1,419.67	984.71	941.91	42.79	23.010	
7,400.00	7,101.84	7,036.66	6,888.22	23.34	19.67	-90.23	832.28	1,520.25	983.92	940.49	43.43	22.655	
7,500.00	7,122.58	7,079.63	6,957.78	24.40	19.37	-88.23	829.95	1,635.50	982.17	937.97	44.19	22.224	
7,600.00	7,127.94	7,081.12	6,965.58	25.51	19.25	-86.35	825.42	1,739.48	978.92	933.85	45.07	21.721	
7,700.00	7,127.49	7,081.84	6,970.33	26.66	19.23	-83.91	819.54	1,827.11	975.64	929.60	46.04	21.191	
7,782.59	7,127.13	7,084.37	6,986.37	27.66	19.25	-81.70	814.36	1,885.26	974.53	927.65	46.87	20.790	CC
7,800.00	7,127.05	7,100.96	6,978.41	27.87	19.26	-81.23	813.27	1,895.99	974.59	927.54	47.04	20.716	ES
7,900.00	7,126.60	7,121.73	6,933.80	29.13	19.29	-78.59	807.23	1,948.55	977.56	929.56	48.00	20.365	
8,000.00	7,126.16	7,064.30	6,892.69	30.43	19.31	-76.18	801.72	1,988.24	986.03	937.17	48.85	20.183	SF
8,100.00	7,125.71	7,016.62	6,855.96	31.76	19.33	-74.04	796.83	2,018.23	1,000.96	951.40	49.56	20.196	
8,200.00	7,125.26	6,976.82	6,823.67	33.12	19.34	-72.17	792.55	2,041.09	1,022.89	972.79	50.11	20.415	
8,300.00	7,124.82	6,950.00	6,801.14	34.52	19.34	-70.89	789.58	2,055.33	1,052.02	1,001.50	50.52	20.826	
8,400.00	7,124.37	6,914.95	6,770.83	35.93	19.34	-69.17	785.59	2,072.47	1,088.06	1,037.36	50.70	21.462	
8,500.00	7,123.92	6,900.00	6,757.63	37.37	19.34	-68.43	783.86	2,079.26	1,130.84	1,080.01	50.83	22.248	
8,600.00	7,123.48	6,869.65	6,730.36	38.82	19.33	-66.92	780.29	2,092.08	1,179.58	1,128.84	50.74	23.249	
8,700.00	7,123.03	6,850.00	6,712.38	40.30	19.32	-65.94	777.95	2,099.68	1,233.94	1,183.34	50.60	24.385	
8,800.00	7,122.59	6,835.38	6,698.87	41.79	19.31	-65.20	776.18	2,104.96	1,293.25	1,242.83	50.42	25.651	
8,900.00	7,122.14	6,821.25	6,685.69	43.29	19.31	-64.49	774.47	2,109.77	1,356.96	1,306.78	50.18	27.041	
9,000.00	7,121.69	6,800.00	6,665.69	44.80	19.30	-63.43	771.87	2,116.45	1,424.60	1,374.73	49.86	28.570	
9,100.00	7,121.25	6,800.00	6,665.69	46.33	19.30	-63.43	771.87	2,116.45	1,495.49	1,445.83	49.66	30.114	
9,200.00	7,120.80	6,800.00	6,665.69	47.86	19.30	-63.43	771.87	2,116.45	1,569.55	1,520.11	49.44	31.744	
9,300.00	7,120.35	6,778.28	6,645.02	49.40	19.28	-62.34	769.19	2,122.57	1,645.92	1,596.83	49.09	33.531	
9,400.00	7,119.91	6,770.02	6,637.11	50.96	19.27	-61.92	768.16	2,124.71	1,724.70	1,675.88	48.82	35.329	
9,500.00	7,119.46	6,750.00	6,617.83	52.52	19.25	-60.93	765.66	2,129.47	1,805.62	1,757.14	48.48	37.242	
9,600.00	7,119.02	6,750.00	6,617.83	54.08	19.25	-60.93	765.66	2,129.47	1,888.03	1,839.74	48.29	39.102	
9,700.00	7,118.57	6,750.00	6,617.83	55.65	19.25	-60.93	765.66	2,129.47	1,972.06	1,923.96	48.10	41.003	
9,800.00	7,118.12	6,750.00	6,617.83	57.23	19.25	-60.93	765.66	2,129.47	2,057.52	2,009.60	47.92	42.939	
9,900.00	7,117.68	6,750.00	6,617.83	58.81	19.25	-60.93	765.66	2,129.47	2,144.24	2,096.49	47.75	44.905	
10,000.00	7,117.23	6,750.00	6,617.83	60.40	19.25	-60.93	765.66	2,129.47	2,232.07	2,184.47	47.59	46.897	
10,100.00	7,116.78	6,728.51	6,596.97	61.99	19.23	-59.87	762.97	2,133.90	2,320.45	2,273.12	47.33	49.026	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,116.34	6,724.20	6,592.78	63.59	19.22	-59.65	762.43	2,134.70	2,409.96	2,362.78	47.18	51.082	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-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	90.20	-3.98	1,159.58	1,159.58				
100.00	100.00	100.00	100.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58	1,152.05	7.53	154.018	
200.00	200.00	200.00	200.00	3.31	3.31	90.20	-3.98	1,159.58	1,159.58	1,152.01	7.57	153.103	
300.00	299.99	288.53	288.53	3.35	3.34	-7.42	-3.80	1,159.77	1,158.72	1,151.07	7.65	151.378	
400.00	399.88	365.55	365.52	3.41	3.39	-7.52	-2.40	1,161.29	1,156.20	1,148.44	7.76	148.995	
500.00	499.55	442.47	442.32	3.50	3.45	-7.71	0.39	1,164.34	1,152.22	1,144.32	7.90	145.882	
600.00	598.89	519.23	518.83	3.61	3.53	-7.99	4.56	1,168.90	1,146.78	1,138.71	8.07	142.118	
700.00	697.76	595.75	594.92	3.76	3.62	-8.37	10.09	1,174.95	1,139.94	1,131.66	8.27	137.777	
800.00	796.26	672.07	670.55	3.95	3.72	-8.81	16.97	1,182.47	1,132.91	1,124.40	8.51	133.111	
900.00	894.76	748.24	745.74	4.17	3.84	-9.32	25.20	1,191.46	1,127.96	1,119.19	8.78	128.508	
1,000.00	993.26	824.17	820.33	4.40	3.99	-9.90	34.73	1,201.89	1,125.20	1,116.12	9.07	124.000	
1,073.45	1,065.61	879.71	874.65	4.59	4.11	-10.36	42.55	1,210.43	1,124.59	1,115.28	9.31	120.775 CC	
1,100.00	1,091.76	900.42	894.85	4.66	4.16	-10.54	45.65	1,213.82	1,124.67	1,115.26	9.40	119.626	
1,200.00	1,190.26	998.90	990.82	4.94	4.41	-11.41	60.54	1,230.10	1,125.35	1,115.52	9.83	114.502	
1,300.00	1,288.76	1,102.63	1,086.79	5.23	4.70	-12.28	75.44	1,246.39	1,126.30	1,116.00	10.30	109.362	
1,400.00	1,387.26	1,204.15	1,182.76	5.53	5.01	-13.15	90.33	1,262.67	1,127.51	1,116.72	10.79	104.479	
1,500.00	1,485.76	1,294.33	1,278.74	5.84	5.30	-14.02	105.23	1,278.95	1,129.00	1,117.72	11.28	100.113	
1,600.00	1,584.26	1,407.19	1,374.71	6.16	5.68	-14.88	120.13	1,295.23	1,130.74	1,118.90	11.84	95.478	
1,700.00	1,682.75	1,508.72	1,470.68	6.49	6.04	-15.74	135.02	1,311.52	1,132.76	1,120.36	12.40	91.385	
1,800.00	1,781.25	1,589.76	1,566.65	6.83	6.33	-16.60	149.92	1,327.80	1,135.03	1,122.13	12.90	87.979	
1,900.00	1,879.75	1,688.24	1,662.63	7.01	6.70	-17.46	164.82	1,344.08	1,137.57	1,124.44	13.12	86.677	
2,000.00	1,978.25	1,786.72	1,758.60	7.05	7.07	-18.31	179.71	1,360.37	1,140.36	1,126.92	13.44	84.852	
2,100.00	2,076.75	1,885.19	1,854.57	7.11	7.30	-19.15	194.61	1,376.65	1,143.42	1,129.94	13.48	84.841	
2,200.00	2,175.25	1,983.67	1,950.55	7.18	7.37	-20.00	209.50	1,392.93	1,146.72	1,133.15	13.57	84.493	
2,300.00	2,273.75	2,082.15	2,046.52	7.27	7.44	-20.83	224.40	1,409.22	1,150.28	1,136.61	13.68	84.106	
2,400.00	2,372.25	2,180.63	2,142.49	7.37	7.53	-21.66	239.30	1,425.50	1,154.10	1,140.28	13.81	83.549	
2,500.00	2,470.75	2,279.10	2,238.46	7.49	7.63	-22.49	254.19	1,441.78	1,158.16	1,144.18	13.98	82.836	
2,600.00	2,569.25	2,377.58	2,334.44	7.62	7.74	-23.31	269.09	1,458.07	1,162.46	1,148.29	14.18	81.983	
2,700.00	2,667.74	2,476.06	2,430.41	7.76	7.88	-24.13	283.98	1,474.35	1,167.01	1,152.61	14.41	81.009	
2,800.00	2,766.24	2,574.54	2,526.38	7.92	8.02	-24.93	298.88	1,490.63	1,171.80	1,157.14	14.66	79.930	
2,900.00	2,864.74	2,673.01	2,622.36	8.08	8.18	-25.74	313.78	1,506.92	1,176.83	1,161.89	14.94	78.766	
3,000.00	2,963.24	2,771.49	2,718.33	8.26	8.36	-26.53	328.67	1,523.20	1,182.09	1,166.85	15.25	77.533	
3,100.00	3,061.74	2,869.97	2,814.30	8.45	8.54	-27.32	343.57	1,539.48	1,187.59	1,172.01	15.58	76.249	
3,200.00	3,160.24	2,968.45	2,910.27	8.65	8.74	-28.10	358.46	1,555.77	1,193.31	1,177.38	15.93	74.929	
3,300.00	3,258.74	3,066.92	3,006.25	8.85	8.94	-28.87	373.36	1,572.05	1,199.25	1,182.95	16.30	73.586	
3,400.00	3,357.24	3,165.40	3,102.22	9.07	9.16	-29.64	388.26	1,588.33	1,205.42	1,188.73	16.69	72.233	
3,500.00	3,455.74	3,263.88	3,198.19	9.29	9.39	-30.40	403.15	1,604.62	1,211.80	1,194.71	17.10	70.879	
3,600.00	3,554.23	3,362.36	3,294.17	9.52	9.62	-31.15	418.05	1,620.90	1,218.40	1,200.88	17.52	69.533	
3,700.00	3,652.73	3,460.83	3,390.14	9.76	9.86	-31.89	432.94	1,637.18	1,225.21	1,207.25	17.96	68.204	
3,800.00	3,751.23	3,559.31	3,486.11	10.00	10.11	-32.62	447.84	1,653.46	1,232.23	1,213.81	18.42	66.896	
3,900.00	3,849.73	3,657.79	3,582.08	10.25	10.37	-33.35	462.74	1,669.75	1,239.45	1,220.56	18.89	65.615	
4,000.00	3,948.23	3,756.27	3,678.06	10.50	10.63	-34.06	477.63	1,686.03	1,246.87	1,227.50	19.37	64.364	
4,100.00	4,046.73	3,854.74	3,774.03	10.76	10.90	-34.77	492.53	1,702.31	1,254.49	1,234.63	19.87	63.146	
4,200.00	4,145.23	3,953.22	3,870.00	11.02	11.18	-35.47	507.42	1,718.60	1,262.31	1,241.94	20.37	61.963	
4,300.00	4,243.73	4,051.70	3,965.98	11.29	11.46	-36.17	522.32	1,734.88	1,270.31	1,249.42	20.89	60.817	
4,400.00	4,342.23	4,150.18	4,061.95	11.56	11.74	-36.85	537.22	1,751.16	1,278.50	1,257.09	21.41	59.708	
4,500.00	4,440.72	4,248.65	4,157.92	11.84	12.03	-37.52	552.11	1,767.45	1,286.87	1,264.92	21.95	58.636	
4,600.00	4,539.22	4,347.13	4,253.89	12.12	12.32	-38.19	567.01	1,783.73	1,295.42	1,272.93	22.49	57.601	
4,700.00	4,637.72	4,445.61	4,349.87	12.40	12.62	-38.85	581.91	1,800.01	1,304.15	1,281.11	23.04	56.604	
4,800.00	4,736.22	4,544.09	4,445.84	12.69	12.92	-39.50	596.80	1,816.30	1,313.05	1,289.45	23.60	55.643	
4,900.00	4,834.72	4,642.56	4,541.81	12.97	13.22	-40.14	611.70	1,832.58	1,322.12	1,297.95	24.16	54.718	
5,000.00	4,933.22	4,741.04	4,637.78	13.26	13.53	-40.77	626.59	1,848.86	1,331.35	1,306.62	24.73	53.828	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.72	4,839.52	4,733.76	13.56	13.84	-41.39	641.49	1,865.15	1,340.74	1,315.43	25.31	52.972	
5,200.00	5,130.22	4,938.00	4,829.73	13.85	14.15	-42.01	656.39	1,881.43	1,350.30	1,324.40	25.89	52.149	
5,300.00	5,228.72	5,036.47	4,925.70	14.15	14.46	-42.61	671.28	1,897.71	1,360.00	1,333.52	26.48	51.357	
5,400.00	5,327.21	5,134.95	5,021.68	14.45	14.78	-43.21	686.18	1,914.00	1,369.86	1,342.79	27.07	50.596	
5,500.00	5,425.71	5,233.43	5,117.65	14.75	15.10	-43.80	701.07	1,930.28	1,379.87	1,352.20	27.67	49.865	
5,600.00	5,524.21	5,331.91	5,213.62	15.05	15.42	-44.38	715.97	1,946.56	1,390.03	1,361.75	28.27	49.162	
5,700.00	5,622.71	5,430.38	5,309.59	15.36	15.74	-44.95	730.87	1,962.85	1,400.32	1,371.44	28.88	48.486	
5,800.00	5,721.21	5,528.86	5,405.57	15.67	16.07	-45.52	745.76	1,979.13	1,410.76	1,381.27	29.49	47.836	
5,900.00	5,819.71	5,627.34	5,501.54	15.97	16.39	-46.07	760.66	1,995.41	1,421.33	1,391.22	30.11	47.211	
6,000.00	5,918.21	5,725.82	5,597.51	16.28	16.72	-46.62	775.55	2,011.69	1,432.03	1,401.31	30.72	46.610	
6,100.00	6,016.71	5,824.29	5,693.49	16.59	17.05	-47.16	790.45	2,027.98	1,442.87	1,411.52	31.34	46.032	
6,200.00	6,115.21	5,922.77	5,789.46	16.91	17.38	-47.69	805.35	2,044.26	1,453.83	1,421.86	31.97	45.476	
6,300.00	6,213.70	6,021.25	5,885.43	17.22	17.71	-48.22	820.24	2,060.54	1,464.91	1,432.32	32.60	44.941	
6,400.00	6,312.20	6,119.72	5,981.40	17.53	18.03	-48.75	835.12	2,076.82	1,476.00	1,443.40	33.23	44.406	
6,500.00	6,410.70	6,218.21	6,077.37	17.85	18.35	-49.28	850.00	2,093.10	1,487.08	1,454.48	33.86	43.871	
6,600.00	6,509.20	6,316.71	6,173.34	18.17	18.67	-49.81	864.88	2,109.38	1,498.16	1,465.56	34.49	43.336	
6,700.00	6,607.69	6,415.21	6,269.31	18.48	18.99	-50.34	879.76	2,125.66	1,509.24	1,476.64	35.12	42.801	
6,800.00	6,706.19	6,513.71	6,365.28	18.79	19.31	-50.87	894.64	2,141.94	1,520.32	1,487.72	35.75	42.266	
6,900.00	6,804.69	6,612.21	6,461.25	19.10	19.63	-51.40	909.52	2,158.22	1,531.40	1,498.80	36.38	41.731	
7,000.00	6,897.19	6,710.71	6,557.22	19.41	19.95	-51.93	924.40	2,174.50	1,542.48	1,509.88	37.01	41.196	
7,100.00	6,995.69	6,809.21	6,653.19	19.72	20.27	-52.46	939.28	2,190.78	1,553.56	1,520.96	37.64	40.661	
7,200.00	7,094.19	6,907.71	6,749.16	20.03	20.59	-52.99	954.16	2,207.06	1,564.64	1,532.04	38.27	40.126	
7,300.00	7,192.69	7,006.21	6,845.13	20.34	20.91	-53.52	969.04	2,223.34	1,575.72	1,543.12	38.90	39.591	
7,400.00	7,291.19	7,104.71	6,941.10	20.65	21.23	-54.05	983.92	2,239.62	1,586.80	1,554.20	39.53	39.056	
7,500.00	7,389.69	7,203.21	7,037.07	20.96	21.55	-54.58	998.80	2,255.90	1,597.88	1,565.28	40.16	38.521	
7,600.00	7,488.19	7,301.71	7,133.04	21.27	21.87	-55.11	1,013.68	2,272.18	1,608.96	1,576.36	40.79	37.986	
7,700.00	7,586.69	7,400.21	7,228.99	21.58	22.19	-55.64	1,028.56	2,288.46	1,620.04	1,587.44	41.42	37.451	
7,800.00	7,685.19	7,498.71	7,324.96	21.89	22.51	-56.17	1,043.44	2,304.74	1,631.12	1,598.52	42.05	36.916	
7,900.00	7,783.69	7,597.21	7,420.93	22.20	22.83	-56.70	1,058.32	2,321.02	1,642.20	1,609.60	42.68	36.381	
7,934.52	7,783.69	7,597.21	7,420.93	22.20	22.83	-56.70	1,058.32	2,321.02	1,642.20	1,609.60	42.68	36.381	ES
8,000.00	7,882.19	7,695.71	7,516.90	22.51	23.15	-57.23	1,073.20	2,337.30	1,653.28	1,620.68	43.31	35.846	
8,100.00	7,980.69	7,794.21	7,612.87	22.82	23.47	-57.76	1,088.08	2,353.58	1,664.36	1,631.76	43.94	35.311	
8,200.00	8,079.19	7,892.71	7,708.84	23.13	23.79	-58.29	1,102.96	2,369.86	1,675.44	1,642.84	44.57	34.776	
8,300.00	8,177.69	7,991.21	7,804.81	23.44	24.11	-58.82	1,117.84	2,386.14	1,686.52	1,653.92	45.20	34.241	
8,400.00	8,276.19	8,089.71	7,900.78	23.75	24.43	-59.35	1,132.72	2,402.42	1,697.60	1,665.00	45.83	33.706	
8,500.00	8,374.69	8,188.21	7,996.75	24.06	24.75	-59.88	1,147.60	2,418.70	1,708.68	1,676.08	46.46	33.171	
8,600.00	8,473.19	8,286.71	8,092.72	24.37	25.07	-60.41	1,162.48	2,434.98	1,719.76	1,687.16	47.09	32.636	
8,700.00	8,571.69	8,385.21	8,188.69	24.68	25.39	-60.94	1,177.36	2,451.26	1,730.84	1,698.24	47.72	32.101	
8,800.00	8,670.19	8,483.71	8,284.66	24.99	25.71	-61.47	1,192.24	2,467.54	1,741.92	1,709.32	48.35	31.566	
8,900.00	8,768.69	8,582.21	8,380.63	25.30	26.03	-62.00	1,207.12	2,483.82	1,753.00	1,720.40	48.98	31.031	
9,000.00	8,867.19	8,680.71	8,476.60	25.61	26.35	-62.53	1,222.00	2,500.10	1,764.08	1,731.48	49.61	30.496	
9,100.00	8,965.69	8,779.21	8,572.57	25.92	26.67	-63.06	1,236.88	2,516.38	1,775.16	1,742.56	50.24	29.961	
9,200.00	9,064.19	8,877.71	8,668.54	26.23	26.99	-63.59	1,251.76	2,532.66	1,786.24	1,753.64	50.87	29.426	
9,300.00	9,162.69	8,976.21	8,764.51	26.54	27.31	-64.12	1,266.64	2,548.94	1,797.32	1,764.72	51.50	28.891	
9,400.00	9,261.19	9,074.71	8,860.48	26.85	27.63	-64.65	1,281.52	2,565.22	1,808.40	1,775.80	52.13	28.356	
9,500.00	9,359.69	9,173.21	8,956.45	27.16	27.95	-65.18	1,296.40	2,581.50	1,819.48	1,786.88	52.76	27.821	
9,600.00	9,458.19	9,271.71	9,052.42	27.47	28.27	-65.71	1,311.28	2,597.78	1,830.56	1,797.96	53.39	27.286	
9,700.00	9,556.69	9,370.21	9,148.39	27.78	28.59	-66.24	1,326.16	2,614.06	1,841.64	1,809.04	54.02	26.751	
9,800.00	9,655.19	9,468.71	9,244.36	28.09	28.91	-66.77	1,341.04	2,630.34	1,852.72	1,820.12	54.65	26.216	
9,900.00	9,753.69	9,567.21	9,340.33	28.40	29.23	-67.30	1,355.92	2,646.62	1,863.80	1,831.20	55.28	25.681	
10,000.00	9,852.19	9,665.71	9,436.30	28.71	29.55	-67.83	1,370.80	2,662.90	1,874.88	1,842.28	55.91	25.146	
10,100.00	9,950.69	9,764.21	9,532.27	29.02	29.87	-68.36	1,385.68	2,679.18	1,885.96	1,853.36	56.54	24.611	
10,200.00	10,049.19	9,862.71	9,628.24	29.33	30.19	-68.89	1,400.56	2,695.46	1,897.04	1,864.44	57.17	24.076	
10,300.00	10,147.69	9,961.21	9,724.21	29.64	30.51	-69.42	1,415.44	2,711.74	1,908.12	1,875.52	57.80	23.541	
10,400.00	10,246.19	10,059.71	9,820.18	29.95	30.83	-69.95	1,430.32	2,728.02	1,919.20	1,886.60	58.43	23.006	
10,500.00	10,344.69	10,158.21	9,916.15	30.26	31.15	-70.48	1,445.20	2,744.30	1,930.28	1,897.68	59.06	22.471	
10,600.00	10,443.19	10,256.71	10,012.12	30.57	31.47	-71.01	1,460.08	2,760.58	1,941.36	1,908.76	59.69	21.936	
10,700.00	10,541.69	10,355.21	10,108.09	30.88	31.79	-71.54	1,474.96	2,776.86	1,952.44	1,919.84	60.32	21.401	
10,800.00	10,640.19	10,453.71	10,203.99	31.19	32.11	-72.07	1,489.84	2,793.14	1,963.52	1,930.92	60.95	20.866	
10,900.00	10,738.69	10,552.21	10,300.00	31.50	32.43	-72.60	1,504.72	2,809.42	1,974.60	1,942.00	61.58	20.331	
11,000.00	10,837.19	10,650.71	10,395.97	31.81	32.75	-73.13	1,519.60	2,825.70	1,985.68	1,953.08	62.21	19.796	
11,100.00	10,935.69	10,749.21	10,491.94	32.12	33.07	-73.66	1,534.48	2,841.98	1,996.76	1,964.16	62.84	19.261	
11,200.00	11,034.19	10,847.71	10,587.91	32.43	33.39	-74.19	1,549.36	2,858.26	2,007.84	1,975.24	63.47	18.726	
11,300.00	11,132.69	10,946.21	10,683.88	32.74	33.71	-74.72	1,564.24	2,874.54	2,018.92	1,986.32	64.10	18.191	
11,400.00	11,231.19												

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,116.34	6,800.00	6,646.22	63.59	20.12	-66.19	938.78	2,157.18	2,450.56	2,398.90	51.66	47.438	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	3.28	3.28	90.16	-2.89	1,039.58	1,039.59					
100.00	100.00	101.00	99.00	3.28	3.28	90.16	-2.89	1,039.58	1,039.59	1,032.06	7.53	138.078		
200.00	200.00	201.00	199.00	3.31	3.31	90.16	-2.89	1,039.58	1,039.59	1,032.01	7.57	137.253		
300.00	299.99	301.01	298.99	3.35	3.35	-7.45	-2.89	1,039.58	1,038.48	1,030.82	7.66	135.533		
400.00	399.88	401.12	398.88	3.41	3.42	-7.50	-2.89	1,039.58	1,033.98	1,026.19	7.79	132.689		
500.00	499.55	501.45	498.55	3.50	3.51	-7.58	-2.89	1,039.58	1,026.03	1,018.06	7.97	128.764		
600.00	598.89	602.11	597.89	3.61	3.61	-7.69	-2.89	1,039.58	1,014.64	1,006.45	8.19	123.922		
700.00	697.76	703.24	696.76	3.76	3.74	-7.85	-2.89	1,039.58	999.82	991.37	8.45	118.331		
800.00	796.26	795.26	795.26	3.95	3.87	-7.99	-2.89	1,039.58	982.77	974.03	8.73	112.545		
900.00	894.76	870.13	870.12	4.17	3.97	-8.10	-2.92	1,040.44	966.82	957.82	9.00	107.457		
1,000.00	993.26	944.35	944.29	4.40	4.08	-8.20	-3.02	1,043.21	953.42	944.14	9.28	102.746		
1,100.00	1,091.76	1,019.05	1,018.84	4.66	4.20	-8.30	-3.18	1,047.95	942.60	933.03	9.58	98.401		
1,200.00	1,190.26	1,094.13	1,093.61	4.94	4.32	-8.40	-3.42	1,054.66	934.39	924.50	9.90	94.401		
1,300.00	1,288.76	1,169.48	1,168.46	5.23	4.46	-8.49	-3.72	1,063.36	928.80	918.57	10.23	90.749		
1,400.00	1,387.26	1,245.01	1,243.22	5.53	4.62	-8.57	-4.09	1,074.05	925.84	915.26	10.59	87.459		
1,462.24	1,448.56	1,292.05	1,289.64	5.72	4.72	-8.62	-4.36	1,081.71	925.33	914.52	10.81	85.598		
1,500.00	1,485.76	1,326.17	1,316.98	5.84	4.79	-8.65	-4.53	1,086.58	925.52	914.56	10.96	84.448		
1,600.00	1,584.26	1,419.81	1,415.30	6.16	5.02	-8.75	-5.16	1,104.72	926.60	915.20	11.41	81.244		
1,700.00	1,682.75	1,519.79	1,513.62	6.49	5.28	-8.85	-5.80	1,122.87	927.68	915.80	11.88	78.081		
1,800.00	1,781.25	1,619.77	1,611.94	6.83	5.56	-8.95	-6.43	1,141.01	928.77	916.40	12.37	75.064		
1,900.00	1,879.75	1,719.75	1,710.26	7.01	5.85	-9.05	-7.06	1,159.15	929.86	917.32	12.54	74.165		
2,000.00	1,978.25	1,819.73	1,808.58	7.05	6.13	-9.15	-7.70	1,177.29	930.95	918.35	12.60	73.864		
2,100.00	2,076.75	1,919.72	1,906.90	7.11	6.27	-9.25	-8.33	1,195.43	932.05	919.31	12.74	73.158		
2,200.00	2,175.25	2,019.70	2,005.22	7.18	6.31	-9.35	-8.96	1,213.57	933.15	920.34	12.81	72.844		
2,300.00	2,273.75	2,119.68	2,103.54	7.27	6.37	-9.45	-9.59	1,231.71	934.25	921.33	12.91	72.352		
2,400.00	2,372.25	2,219.66	2,201.86	7.37	6.44	-9.55	-10.23	1,249.85	935.35	922.30	13.05	71.693		
2,500.00	2,470.75	2,319.64	2,300.18	7.49	6.54	-9.65	-10.86	1,267.99	936.46	923.25	13.21	70.882		
2,600.00	2,569.25	2,419.62	2,398.50	7.62	6.65	-9.75	-11.49	1,286.13	937.57	924.16	13.41	69.938		
2,700.00	2,667.74	2,519.60	2,496.82	7.76	6.78	-9.84	-12.12	1,304.27	938.68	925.05	13.63	68.877		
2,800.00	2,766.24	2,619.58	2,595.14	7.92	6.92	-9.94	-12.76	1,322.41	939.79	925.91	13.88	67.720		
2,900.00	2,864.74	2,719.56	2,693.45	8.08	7.08	-10.04	-13.39	1,340.55	940.91	926.76	14.15	66.484		
3,000.00	2,963.24	2,819.54	2,791.77	8.26	7.25	-10.14	-14.02	1,358.69	942.03	927.58	14.45	65.187		
3,100.00	3,061.74	2,919.52	2,890.09	8.45	7.43	-10.23	-14.66	1,376.83	943.15	928.38	14.77	63.846		
3,200.00	3,160.24	3,019.51	2,988.41	8.65	7.63	-10.33	-15.29	1,394.97	944.28	929.16	15.11	62.475		
3,300.00	3,258.74	3,119.49	3,086.73	8.85	7.83	-10.43	-15.92	1,413.11	945.41	929.93	15.48	61.087		
3,400.00	3,357.24	3,219.47	3,185.05	9.07	8.05	-10.52	-16.55	1,431.25	946.54	930.68	15.86	59.696		
3,500.00	3,455.74	3,319.45	3,283.37	9.29	8.27	-10.62	-17.19	1,449.39	947.67	931.42	16.25	58.310		
3,600.00	3,554.23	3,419.43	3,381.69	9.52	8.50	-10.72	-17.82	1,467.53	948.81	932.14	16.66	56.935		
3,700.00	3,652.73	3,519.41	3,480.01	9.76	8.74	-10.81	-18.45	1,485.67	949.95	932.85	17.09	55.580		
3,800.00	3,751.23	3,619.39	3,578.33	10.00	8.99	-10.91	-19.08	1,503.81	951.09	933.56	17.53	54.249		
3,900.00	3,849.73	3,719.37	3,676.65	10.25	9.24	-11.00	-19.72	1,521.95	952.23	934.25	17.98	52.948		
4,000.00	3,948.23	3,819.35	3,774.97	10.50	9.50	-11.10	-20.35	1,540.09	953.38	934.93	18.45	51.678		
4,100.00	4,046.73	3,919.33	3,873.29	10.76	9.77	-11.19	-20.98	1,558.23	954.53	935.60	18.92	50.443		
4,200.00	4,145.23	4,019.31	3,971.61	11.02	10.04	-11.29	-21.62	1,576.38	955.68	936.27	19.41	49.243		
4,300.00	4,243.73	4,119.30	4,069.93	11.29	10.31	-11.38	-22.25	1,594.52	956.83	936.93	19.90	48.080		
4,400.00	4,342.23	4,219.28	4,168.25	11.56	10.59	-11.48	-22.88	1,612.66	957.99	937.59	20.40	46.954		
4,500.00	4,440.72	4,319.26	4,266.57	11.84	10.88	-11.57	-23.51	1,630.80	959.15	938.24	20.91	45.865		
4,600.00	4,539.22	4,419.24	4,364.88	12.12	11.16	-11.66	-24.15	1,648.94	960.31	938.88	21.43	44.812		
4,700.00	4,637.72	4,519.22	4,463.20	12.40	11.46	-11.76	-24.78	1,667.08	961.48	939.53	21.95	43.796		
4,800.00	4,736.22	4,619.20	4,561.52	12.69	11.75	-11.85	-25.41	1,685.22	962.65	940.16	22.48	42.816		
4,900.00	4,834.72	4,719.18	4,659.84	12.97	12.05	-11.94	-26.04	1,703.36	963.82	940.80	23.02	41.870		
5,000.00	4,933.22	4,819.16	4,758.16	13.26	12.35	-12.04	-26.68	1,721.50	964.99	941.43	23.56	40.958		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,031.72	4,919.14	4,856.48	13.56	12.65	-12.13	-27.31	1,739.64	966.16	942.06	24.11	40.078		
5,200.00	5,130.22	5,019.12	4,954.80	13.85	12.95	-12.22	-27.94	1,757.78	967.34	942.68	24.66	39.230		
5,300.00	5,228.72	5,119.10	5,053.12	14.15	13.26	-12.31	-28.57	1,775.92	968.52	943.31	25.21	38.413		
5,400.00	5,327.21	5,219.09	5,151.44	14.45	13.57	-12.41	-29.21	1,794.06	969.70	943.93	25.77	37.624		
5,500.00	5,425.71	5,319.07	5,249.76	14.75	13.88	-12.50	-29.84	1,812.20	970.89	944.55	26.34	36.864		
5,600.00	5,524.21	5,419.05	5,348.08	15.05	14.19	-12.59	-30.47	1,830.34	972.08	945.17	26.90	36.131		
5,700.00	5,622.71	5,519.03	5,446.40	15.36	14.50	-12.68	-31.11	1,848.48	973.27	945.79	27.47	35.424		
5,800.00	5,721.21	5,619.01	5,544.72	15.67	14.82	-12.77	-31.74	1,866.62	974.46	946.41	28.05	34.742		
5,900.00	5,819.71	5,718.99	5,643.04	15.97	15.14	-12.86	-32.37	1,884.76	975.65	947.03	28.63	34.083		
6,000.00	5,918.21	5,818.97	5,741.36	16.28	15.45	-12.95	-33.00	1,902.90	976.85	947.65	29.21	33.448		
6,100.00	6,016.71	5,918.95	5,839.68	16.59	15.77	-13.04	-33.64	1,921.04	978.05	948.26	29.79	32.834		
6,200.00	6,115.21	6,018.93	5,938.00	16.91	16.09	-13.13	-34.27	1,939.18	979.25	948.88	30.37	32.241		
6,300.00	6,213.70	6,118.91	6,036.31	17.22	16.42	-13.22	-34.90	1,957.32	980.46	949.50	30.96	31.668		
6,400.00	6,312.20	6,218.90	6,134.63	17.53	16.74	-13.31	-35.53	1,975.46	981.67	950.12	31.55	31.114		
6,500.00	6,410.70	6,207.73	7,298.81	17.85	22.08	-153.38	-35.58	1,003.70	895.41	865.04	30.37	29.483		
6,600.00	6,509.20	8,171.94	7,299.48	18.17	21.77	-150.21	-35.71	1,024.02	798.52	768.03	30.49	26.192		
6,700.00	6,607.69	8,151.56	7,300.14	18.48	21.61	-147.56	-35.84	1,044.39	701.92	671.21	30.71	22.858		
6,800.00	6,704.15	8,122.52	7,301.09	18.86	21.37	-154.48	-36.03	1,073.41	607.98	577.08	30.91	19.673		
6,900.00	6,795.38	8,078.89	7,302.52	19.35	21.03	-157.21	-36.31	1,117.02	520.18	489.10	31.08	16.736		
7,000.00	6,879.12	8,021.74	7,304.38	19.94	20.61	-157.82	-36.68	1,174.14	440.79	409.51	31.28	14.092		
7,100.00	6,953.32	7,952.47	7,306.65	20.64	20.17	-157.12	-37.12	1,243.37	371.88	340.32	31.57	11.781		
7,200.00	7,016.16	7,872.80	7,309.25	21.44	19.72	-155.55	-37.64	1,323.00	315.16	283.16	32.00	9.849		
7,300.00	7,066.07	7,782.19	7,312.18	22.34	19.30	-153.37	-38.22	1,413.55	271.78	239.21	32.57	8.344		
7,400.00	7,101.84	7,643.13	7,300.16	23.34	18.86	-147.94	-39.03	1,551.82	232.40	199.36	33.04	7.034		
7,500.00	7,122.58	7,521.17	7,265.15	24.40	18.62	-140.30	-39.57	1,668.45	191.38	156.28	35.10	5.453		
7,600.00	7,127.94	7,412.65	7,215.81	25.51	18.51	-128.81	-39.92	1,764.95	152.83	114.03	38.80	3.939		
7,700.00	7,127.49	7,320.74	7,161.70	26.66	18.49	-107.79	-40.10	1,839.15	119.63	75.45	44.18	2.708		
7,770.06	7,127.18	7,267.15	7,125.40	27.51	18.50	-89.59	-40.15	1,878.55	109.86	63.44	46.42	2.367 CC, ES, SF		
7,800.00	7,127.05	7,246.66	7,110.67	27.87	18.50	-81.99	-40.17	1,892.79	111.93	65.99	45.95	2.436		
7,900.00	7,126.60	7,187.19	7,065.41	29.13	18.52	-61.07	-40.17	1,931.34	146.87	106.29	40.58	3.619		
8,000.00	7,126.16	7,139.17	7,026.37	30.43	18.53	-47.72	-40.14	1,959.27	209.74	173.13	36.61	5.729		
8,100.00	7,125.71	7,100.00	6,993.03	31.76	18.55	-39.48	-40.09	1,979.83	285.61	250.65	34.96	8.169		
8,200.00	7,125.26	7,067.68	6,964.61	33.12	18.55	-34.15	-40.04	1,995.22	368.19	333.82	34.37	10.713		
8,300.00	7,124.82	7,040.67	6,940.30	34.52	18.56	-30.52	-39.98	2,006.96	454.80	420.60	34.20	13.299		
8,400.00	7,124.37	7,017.86	6,919.38	35.93	18.56	-27.92	-39.93	2,016.07	544.08	509.87	34.21	15.906		
8,500.00	7,123.92	7,000.00	6,902.79	37.37	18.56	-26.13	-39.88	2,022.67	635.27	600.96	34.31	18.516		
8,600.00	7,123.48	6,981.55	6,885.46	38.82	18.55	-24.47	-39.83	2,029.00	727.88	693.48	34.40	21.157		
8,700.00	7,123.03	6,966.92	6,871.59	40.30	18.55	-23.29	-39.79	2,033.66	821.59	787.06	34.53	23.793		
8,800.00	7,122.59	6,950.00	6,855.42	41.79	18.55	-22.04	-39.74	2,038.66	916.18	881.56	34.63	26.460		
8,900.00	7,122.14	6,950.00	6,855.42	43.29	18.55	-22.04	-39.74	2,038.66	1,011.49	976.64	34.85	29.026		
9,000.00	7,121.69	6,932.66	6,838.73	44.80	18.54	-20.87	-39.68	2,043.32	1,107.26	1,072.34	34.91	31.715		
9,100.00	7,121.25	6,923.64	6,829.99	46.33	18.54	-20.31	-39.64	2,045.57	1,203.56	1,168.53	35.03	34.354		
9,200.00	7,120.80	6,915.51	6,822.09	47.86	18.53	-19.83	-39.61	2,047.49	1,300.26	1,265.11	35.15	36.989		
9,300.00	7,120.35	6,900.00	6,806.95	49.40	18.53	-18.96	-39.56	2,050.87	1,397.37	1,362.15	35.22	39.676		
9,400.00	7,119.91	6,900.00	6,806.95	50.96	18.53	-18.96	-39.56	2,050.87	1,494.62	1,459.25	35.37	42.252		
9,500.00	7,119.46	6,900.00	6,806.95	52.52	18.53	-18.96	-39.56	2,050.87	1,592.21	1,556.69	35.52	44.826		
9,600.00	7,119.02	6,900.00	6,806.95	54.08	18.53	-18.96	-39.56	2,050.87	1,690.08	1,654.42	35.66	47.398		
9,700.00	7,118.57	6,900.00	6,806.95	55.65	18.53	-18.96	-39.56	2,050.87	1,788.19	1,752.40	35.79	49.964		
9,800.00	7,118.12	6,879.99	6,787.31	57.23	18.51	-17.94	-39.48	2,054.69	1,886.07	1,850.26	35.81	52.665		
9,900.00	7,117.68	6,875.62	6,783.01	58.81	18.51	-17.73	-39.46	2,055.44	1,984.35	1,948.43	35.92	55.247		
10,000.00	7,117.23	6,871.57	6,779.01	60.40	18.50	-17.54	-39.44	2,056.11	2,082.76	2,046.74	36.02	57.820		
10,100.00	7,116.78	6,850.00	6,757.67	61.99	18.49	-16.59	-39.35	2,059.25	2,181.60	2,145.56	36.04	60.527		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,116.34	6,850.00	6,757.67	63.59	18.49	-16.59	-39.35	2,059.25	2,280.11	2,243.95	36.16	63.048	
10,300.00	7,115.89	6,850.00	6,757.67	65.19	18.49	-16.59	-39.35	2,059.25	2,378.74	2,342.46	36.28	65.559	
10,400.00	7,115.44	6,850.00	6,757.67	66.80	18.49	-16.59	-39.35	2,059.25	2,477.49	2,441.08	36.40	68.059	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.16	-2.89	1,019.81	1,019.82				
100.00	100.00	101.00	99.00	3.28	3.28	90.16	-2.89	1,019.81	1,019.82	1,012.29	7.53	135.453	
200.00	200.00	199.00	199.00	3.31	3.30	90.16	-2.89	1,019.81	1,019.82	1,012.24	7.57	134.655	
300.00	299.99	296.55	296.53	3.35	3.34	-7.36	-4.51	1,019.82	1,018.73	1,011.07	7.65	133.101	
400.00	399.88	370.41	370.35	3.41	3.39	-7.26	-6.71	1,020.94	1,015.75	1,008.00	7.76	130.965	
500.00	499.55	444.33	444.18	3.50	3.44	-7.20	-8.72	1,023.95	1,011.88	1,003.99	7.89	128.272	
600.00	598.89	518.31	517.97	3.61	3.51	-7.18	-10.52	1,028.86	1,007.11	999.06	8.05	125.092	
700.00	697.76	592.36	591.68	3.76	3.60	-7.18	-12.11	1,035.67	1,001.45	993.21	8.24	121.472	
800.00	796.26	666.53	665.32	3.95	3.70	-7.20	-13.51	1,044.39	996.09	987.62	8.47	117.647	
900.00	894.76	740.85	738.87	4.17	3.81	-7.23	-14.69	1,055.02	993.25	984.53	8.71	113.972	
960.13	953.99	785.57	782.99	4.31	3.89	-7.25	-15.31	1,062.34	992.78	983.91	8.88	111.838	
1,000.00	993.26	823.76	820.60	4.40	3.96	-7.27	-15.79	1,068.93	992.84	983.83	9.01	110.169	
1,100.00	1,091.76	923.76	919.08	4.66	4.17	-7.33	-17.06	1,086.22	993.01	983.63	9.38	105.811	
1,200.00	1,190.26	1,023.75	1,017.56	4.94	4.40	-7.39	-18.33	1,103.50	993.19	983.40	9.79	101.477	
1,300.00	1,288.76	1,123.75	1,116.05	5.23	4.66	-7.45	-19.60	1,120.78	993.36	983.14	10.22	97.238	
1,400.00	1,387.26	1,223.74	1,214.53	5.53	4.93	-7.51	-20.87	1,138.06	993.53	982.86	10.67	93.143	
1,500.00	1,485.76	1,323.74	1,313.01	5.84	5.22	-7.57	-22.13	1,155.35	993.71	982.57	11.14	89.218	
1,600.00	1,584.26	1,423.73	1,411.49	6.16	5.52	-7.63	-23.40	1,172.63	993.88	982.26	11.62	85.514	
1,700.00	1,682.75	1,523.73	1,509.97	6.49	5.83	-7.68	-24.67	1,189.91	994.06	981.93	12.13	81.977	
1,800.00	1,781.25	1,623.72	1,608.45	6.83	6.14	-7.74	-25.94	1,207.20	994.23	981.59	12.64	78.651	
1,900.00	1,879.75	1,723.72	1,706.94	7.01	6.47	-7.80	-27.21	1,224.48	994.41	981.59	12.83	77.530	
2,000.00	1,978.25	1,823.71	1,805.42	7.05	6.77	-7.86	-28.48	1,241.76	994.59	981.69	12.90	77.082	
2,100.00	2,076.75	1,923.71	1,903.90	7.11	6.91	-7.92	-29.74	1,259.05	994.77	981.73	13.04	76.270	
2,200.00	2,175.25	2,023.70	2,002.38	7.18	6.96	-7.98	-31.01	1,276.33	994.96	981.84	13.11	75.884	
2,300.00	2,273.75	2,123.70	2,100.86	7.27	7.02	-8.03	-32.28	1,293.61	995.14	981.93	13.21	75.323	
2,400.00	2,372.25	2,223.69	2,199.34	7.37	7.09	-8.09	-33.55	1,310.89	995.32	981.98	13.34	74.600	
2,500.00	2,470.75	2,323.68	2,297.83	7.49	7.18	-8.15	-34.82	1,328.18	995.51	982.00	13.50	73.729	
2,600.00	2,569.25	2,423.68	2,396.31	7.62	7.29	-8.21	-36.09	1,345.46	995.69	982.00	13.69	72.727	
2,700.00	2,667.74	2,523.67	2,494.79	7.76	7.41	-8.27	-37.36	1,362.74	995.88	981.97	13.91	71.611	
2,800.00	2,766.24	2,623.67	2,593.27	7.92	7.55	-8.33	-38.62	1,380.03	996.07	981.92	14.15	70.400	
2,900.00	2,864.74	2,723.66	2,691.75	8.08	7.69	-8.38	-39.89	1,397.31	996.25	981.84	14.42	69.111	
3,000.00	2,963.24	2,823.66	2,790.23	8.26	7.85	-8.44	-41.16	1,414.59	996.44	981.74	14.71	67.761	
3,100.00	3,061.74	2,923.65	2,888.72	8.45	8.02	-8.50	-42.43	1,431.88	996.64	981.62	15.02	66.366	
3,200.00	3,160.24	3,023.65	2,987.20	8.65	8.21	-8.56	-43.70	1,449.16	996.83	981.48	15.35	64.942	
3,300.00	3,258.74	3,123.64	3,085.68	8.85	8.40	-8.62	-44.97	1,466.44	997.02	981.32	15.70	63.500	
3,400.00	3,357.24	3,223.64	3,184.16	9.07	8.60	-8.67	-46.23	1,483.73	997.21	981.14	16.07	62.051	
3,500.00	3,455.74	3,323.63	3,282.64	9.29	8.81	-8.73	-47.50	1,501.01	997.41	980.95	16.46	60.607	
3,600.00	3,554.23	3,423.63	3,381.12	9.52	9.03	-8.79	-48.77	1,518.29	997.60	980.75	16.86	59.174	
3,700.00	3,652.73	3,523.62	3,479.61	9.76	9.25	-8.85	-50.04	1,535.57	997.80	980.53	17.27	57.760	
3,800.00	3,751.23	3,623.62	3,578.09	10.00	9.49	-8.91	-51.31	1,552.86	998.00	980.30	17.70	56.370	
3,900.00	3,849.73	3,723.61	3,676.57	10.25	9.73	-8.96	-52.58	1,570.14	998.20	980.05	18.15	55.009	
4,000.00	3,948.23	3,823.61	3,775.05	10.50	9.97	-9.02	-53.85	1,587.42	998.40	979.80	18.60	53.679	
4,100.00	4,046.73	3,923.60	3,873.53	10.76	10.22	-9.08	-55.11	1,604.71	998.60	979.54	19.06	52.383	
4,200.00	4,145.23	4,023.59	3,972.01	11.02	10.48	-9.14	-56.38	1,621.99	998.80	979.26	19.54	51.123	
4,300.00	4,243.73	4,123.59	4,070.49	11.29	10.74	-9.20	-57.65	1,639.27	999.01	978.98	20.02	49.899	
4,400.00	4,342.23	4,223.58	4,168.98	11.56	11.01	-9.25	-58.92	1,656.56	999.21	978.70	20.51	48.714	
4,500.00	4,440.72	4,323.58	4,267.46	11.84	11.28	-9.31	-60.19	1,673.84	999.41	978.40	21.01	47.566	
4,600.00	4,539.22	4,423.57	4,365.94	12.12	11.55	-9.37	-61.46	1,691.12	999.62	978.10	21.52	46.455	
4,700.00	4,637.72	4,523.57	4,464.42	12.40	11.83	-9.43	-62.72	1,708.40	999.83	977.80	22.03	45.382	
4,800.00	4,736.22	4,623.56	4,562.90	12.69	12.11	-9.49	-63.99	1,725.69	1,000.04	977.48	22.55	44.345	
4,900.00	4,834.72	4,723.56	4,661.38	12.97	12.39	-9.54	-65.26	1,742.97	1,000.24	977.17	23.08	43.343	
5,000.00	4,933.22	4,823.55	4,759.87	13.26	12.68	-9.60	-66.53	1,760.25	1,000.46	976.85	23.61	42.377	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.72	4,923.55	4,858.35	13.56	12.97	-9.66	-67.80	1,777.54	1,000.67	976.52	24.15	41.444	
5,200.00	5,130.22	5,023.54	4,956.83	13.85	13.26	-9.72	-69.07	1,794.82	1,000.88	976.19	24.69	40.543	
5,300.00	5,228.72	5,123.54	5,055.31	14.15	13.55	-9.77	-70.34	1,812.10	1,001.09	975.86	25.23	39.675	
5,400.00	5,327.21	5,223.53	5,153.79	14.45	13.85	-9.83	-71.60	1,829.39	1,001.31	975.52	25.78	38.837	
5,500.00	5,425.71	5,323.53	5,252.27	14.75	14.15	-9.89	-72.87	1,846.67	1,001.52	975.18	26.34	38.028	
5,600.00	5,524.21	5,423.52	5,350.76	15.05	14.45	-9.95	-74.14	1,863.95	1,001.74	974.84	26.89	37.247	
5,700.00	5,622.71	5,523.52	5,449.24	15.36	14.75	-10.00	-75.41	1,881.23	1,001.96	974.50	27.46	36.494	
5,800.00	5,721.21	5,623.51	5,547.72	15.67	15.06	-10.06	-76.68	1,898.52	1,002.17	974.15	28.02	35.766	
5,900.00	5,819.71	5,723.50	5,646.20	15.97	15.36	-10.12	-77.95	1,915.80	1,002.39	973.81	28.59	35.064	
6,000.00	5,918.21	5,823.50	5,744.68	16.28	15.67	-10.18	-79.21	1,933.08	1,002.61	973.45	29.16	34.385	
6,100.00	6,016.71	5,923.49	5,843.16	16.59	15.98	-10.23	-80.48	1,950.37	1,002.83	973.10	29.73	33.730	
6,200.00	6,115.21	6,045.38	7,114.38	16.91	21.93	-174.00	-105.47	952.41	1,000.90	971.81	29.09	34.406	
6,300.00	6,213.70	6,025.52	7,114.94	17.22	21.74	-172.53	-105.34	972.26	903.03	873.80	29.24	30.887	
6,400.00	6,312.20	6,005.66	7,115.50	17.53	21.56	-170.74	-105.21	992.11	805.19	775.81	29.39	27.400	
6,500.00	6,410.70	7,985.79	7,116.06	17.85	21.39	-168.49	-105.07	1,011.97	707.40	677.85	29.55	23.941	
6,600.00	6,509.20	7,965.93	7,116.62	18.17	21.22	-165.62	-104.94	1,031.82	609.68	579.96	29.72	20.514	
6,700.00	6,607.69	7,946.02	7,117.18	18.48	21.05	-162.58	-104.81	1,051.72	512.07	482.17	29.90	17.124	
6,800.00	6,704.15	7,917.44	7,117.99	18.86	20.81	-165.65	-104.62	1,080.29	416.92	386.87	30.05	13.874	
6,900.00	6,795.38	7,874.24	7,119.21	19.35	20.48	-165.81	-104.33	1,123.48	327.68	297.51	30.17	10.861	
7,000.00	6,879.12	7,817.47	7,120.81	19.94	20.06	-164.10	-103.95	1,180.22	246.78	216.44	30.33	8.136	
7,100.00	6,953.32	7,748.55	7,122.75	20.64	19.62	-160.22	-103.50	1,249.11	176.61	145.88	30.73	5.747	
7,200.00	7,016.16	7,669.16	7,124.99	21.44	19.18	-152.85	-102.97	1,328.47	119.76	87.91	31.84	3.761	
7,300.00	7,066.07	7,579.50	7,127.25	22.34	18.77	-139.06	-102.37	1,418.10	79.11	44.43	34.68	2.281	
7,400.00	7,101.84	7,483.08	7,119.91	23.34	18.45	-109.40	-101.59	1,514.14	53.57	12.75	40.82	1.312 Level 3	
7,442.95	7,112.63	7,443.58	7,112.72	23.79	18.34	-91.27	-101.21	1,552.97	50.40	7.91	42.49	1.186 Level 2, CC, ES, SF	
7,500.00	7,122.58	7,392.64	7,099.92	24.40	18.22	-67.98	-100.68	1,602.27	55.70	15.05	40.65	1.370 Level 3	
7,600.00	7,127.94	7,307.00	7,069.68	25.51	18.09	-41.91	-99.69	1,682.31	81.47	46.57	34.90	2.334	
7,700.00	7,127.49	7,229.15	7,033.08	26.66	18.02	-29.08	-98.69	1,750.96	121.62	89.87	31.74	3.831	
7,800.00	7,127.05	7,161.33	6,994.58	27.87	18.00	-21.77	-97.75	1,806.74	174.60	143.98	30.62	5.703	
7,900.00	7,126.60	7,100.00	6,954.83	29.13	18.00	-17.27	-96.86	1,853.41	236.99	206.58	30.40	7.795	
8,000.00	7,126.16	7,050.00	6,919.22	30.43	18.01	-14.58	-96.11	1,888.48	306.37	275.75	30.63	10.003	
8,100.00	7,125.71	7,010.36	6,889.09	31.76	18.03	-12.91	-95.51	1,914.23	381.11	350.08	31.03	12.281	
8,200.00	7,125.26	6,973.71	6,859.87	33.12	18.04	-11.62	-94.94	1,936.33	460.05	428.65	31.41	14.648	
8,300.00	7,124.82	6,950.00	6,840.30	34.52	18.05	-10.90	-94.57	1,949.71	542.39	510.52	31.86	17.021	
8,400.00	7,124.37	6,914.73	6,810.31	35.93	18.06	-9.97	-94.01	1,968.26	627.12	595.02	32.10	19.535	
8,500.00	7,123.92	6,900.00	6,797.49	37.37	18.06	-9.62	-93.78	1,975.50	714.20	681.71	32.49	21.980	
8,600.00	7,123.48	6,869.89	6,770.77	38.82	18.07	-8.97	-93.30	1,989.38	802.75	770.07	32.68	24.565	
8,700.00	7,123.03	6,850.00	6,752.78	40.30	18.07	-8.59	-92.99	1,997.85	892.84	859.92	32.92	27.123	
8,800.00	7,122.59	6,834.96	6,739.01	41.79	18.07	-8.31	-92.75	2,003.88	984.10	950.94	33.15	29.683	
8,900.00	7,122.14	6,820.30	6,725.44	43.29	18.07	-8.06	-92.52	2,009.44	1,076.34	1,042.98	33.36	32.264	
9,000.00	7,121.69	6,800.00	6,706.46	44.80	18.07	-7.74	-92.20	2,016.62	1,169.48	1,135.97	33.51	34.899	
9,100.00	7,121.25	6,800.00	6,706.46	46.33	18.07	-7.74	-92.20	2,016.62	1,263.23	1,229.47	33.76	37.423	
9,200.00	7,120.80	6,784.55	6,691.86	47.86	18.07	-7.51	-91.96	2,021.68	1,357.59	1,323.70	33.89	40.054	
9,300.00	7,120.35	6,774.78	6,682.58	49.40	18.06	-7.37	-91.81	2,024.70	1,452.51	1,418.46	34.05	42.658	
9,400.00	7,119.91	6,750.00	6,658.81	50.96	18.06	-7.04	-91.43	2,031.70	1,548.16	1,514.03	34.13	45.364	
9,500.00	7,119.46	6,750.00	6,658.81	52.52	18.06	-7.04	-91.43	2,031.70	1,643.72	1,609.41	34.31	47.909	
9,600.00	7,119.02	6,750.00	6,658.81	54.08	18.06	-7.04	-91.43	2,031.70	1,739.77	1,705.29	34.48	50.459	
9,700.00	7,118.57	6,750.00	6,658.81	55.65	18.06	-7.04	-91.43	2,031.70	1,836.25	1,801.61	34.64	53.011	
9,800.00	7,118.12	6,750.00	6,658.81	57.23	18.06	-7.04	-91.43	2,031.70	1,933.09	1,898.29	34.79	55.562	
9,900.00	7,117.68	6,730.95	6,640.36	58.81	18.05	-6.81	-91.13	2,036.46	2,029.85	1,994.99	34.86	58.223	
10,000.00	7,117.23	6,725.43	6,635.00	60.40	18.05	-6.74	-91.05	2,037.73	2,127.02	2,092.03	34.99	60.797	
10,100.00	7,116.78	6,720.29	6,629.99	61.99	18.04	-6.68	-90.97	2,038.87	2,224.38	2,189.27	35.11	63.362	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,116.34	6,700.00	6,610.12	63.59	18.03	-6.46	-90.66	2,043.00	2,322.16	2,286.98	35.17	66.022	
10,300.00	7,115.89	6,700.00	6,610.12	65.19	18.03	-6.46	-90.66	2,043.00	2,419.73	2,384.43	35.31	68.535	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.14	-2.53	999.77	999.77				
100.00	100.00	101.00	99.00	3.28	3.28	90.14	-2.53	999.77	999.77	992.24	7.53	132.790	
200.00	200.00	201.00	199.00	3.31	3.31	90.14	-2.53	999.77	999.77	992.20	7.57	131.996	
300.00	299.99	286.97	286.97	3.35	3.34	-7.46	-2.62	999.99	998.96	991.31	7.65	130.543	
400.00	399.88	362.44	362.41	3.41	3.38	-7.45	-3.33	1,001.82	996.89	989.14	7.75	128.609	
500.00	499.55	437.93	437.79	3.50	3.44	-7.42	-4.77	1,005.51	993.82	985.94	7.88	126.112	
600.00	598.89	513.44	513.07	3.61	3.51	-7.37	-6.94	1,011.04	989.75	981.70	8.04	123.089	
700.00	697.76	588.99	588.20	3.76	3.59	-7.30	-9.82	1,018.43	984.67	976.44	8.23	119.581	
800.00	796.26	664.61	663.17	3.95	3.69	-7.19	-13.43	1,027.66	979.80	971.34	8.46	115.824	
900.00	894.76	740.33	737.94	4.17	3.82	-7.04	-17.77	1,038.76	977.35	968.64	8.71	112.183	
1,000.00	993.26	830.76	826.92	4.40	3.99	-6.81	-23.66	1,053.82	976.94	967.90	9.04	108.125	
1,100.00	1,091.76	930.67	925.18	4.66	4.22	-6.56	-30.22	1,070.62	976.73	967.31	9.42	103.713	
1,200.00	1,190.26	1,030.58	1,023.45	4.94	4.46	-6.31	-36.79	1,087.42	976.54	966.71	9.83	99.337	
1,300.00	1,288.76	1,130.49	1,121.71	5.23	4.73	-6.06	-43.35	1,104.21	976.37	966.10	10.27	95.072	
1,400.00	1,387.26	1,230.39	1,219.98	5.53	5.02	-5.81	-49.92	1,121.01	976.22	965.48	10.73	90.966	
1,500.00	1,485.76	1,330.30	1,318.25	5.84	5.32	-5.56	-56.48	1,137.81	976.08	964.87	11.21	87.040	
1,600.00	1,584.26	1,430.21	1,416.51	6.16	5.64	-5.30	-63.05	1,154.61	975.97	964.26	11.71	83.351	
1,700.00	1,682.75	1,530.12	1,514.78	6.49	5.96	-5.05	-69.61	1,171.40	975.87	963.65	12.22	79.850	
1,800.00	1,781.25	1,630.02	1,613.05	6.83	6.30	-4.80	-76.18	1,188.20	975.80	963.05	12.75	76.560	
1,900.00	1,879.75	1,729.93	1,711.31	7.01	6.64	-4.55	-82.74	1,205.00	975.74	962.80	12.94	75.406	
2,000.00	1,978.25	1,829.84	1,809.58	7.05	6.94	-4.29	-89.31	1,221.80	975.70	962.69	13.02	74.961	
2,100.00	2,076.75	1,929.75	1,907.84	7.11	7.08	-4.04	-95.87	1,238.60	975.68	962.53	13.15	74.197	
2,151.24	2,127.22	1,980.94	1,958.20	7.14	7.10	-3.91	-99.24	1,247.20	975.68	962.50	13.18	74.017	
2,200.00	2,175.25	2,029.65	2,006.11	7.18	7.13	-3.79	-102.44	1,255.39	975.68	962.47	13.22	73.820	
2,300.00	2,273.75	2,129.56	2,104.38	7.27	7.19	-3.54	-109.00	1,272.19	975.70	962.39	13.32	73.275	
2,400.00	2,372.25	2,229.47	2,202.64	7.37	7.27	-3.29	-115.57	1,288.99	975.74	962.29	13.44	72.573	
2,500.00	2,470.75	2,329.38	2,300.91	7.49	7.37	-3.03	-122.13	1,305.79	975.80	962.19	13.60	71.729	
2,600.00	2,569.25	2,429.28	2,399.17	7.62	7.48	-2.78	-128.70	1,322.58	975.87	962.08	13.79	70.759	
2,700.00	2,667.74	2,529.19	2,497.44	7.76	7.61	-2.53	-135.27	1,339.38	975.97	961.96	14.01	69.681	
2,800.00	2,766.24	2,629.10	2,595.71	7.92	7.75	-2.28	-141.83	1,356.18	976.08	961.83	14.25	68.510	
2,900.00	2,864.74	2,729.01	2,693.97	8.08	7.90	-2.02	-148.40	1,372.98	976.21	961.70	14.51	67.266	
3,000.00	2,963.24	2,828.91	2,792.24	8.26	8.07	-1.77	-154.96	1,389.78	976.36	961.56	14.80	65.965	
3,100.00	3,061.74	2,928.82	2,890.51	8.45	8.24	-1.52	-161.53	1,406.57	976.53	961.42	15.11	64.621	
3,200.00	3,160.24	3,028.73	2,988.77	8.65	8.43	-1.27	-168.09	1,423.37	976.72	961.28	15.44	63.248	
3,300.00	3,258.74	3,128.64	3,087.04	8.85	8.63	-1.02	-174.66	1,440.17	976.93	961.14	15.79	61.860	
3,400.00	3,357.24	3,228.54	3,185.30	9.07	8.84	-0.77	-181.22	1,456.97	977.16	961.00	16.16	60.468	
3,500.00	3,455.74	3,328.45	3,283.57	9.29	9.05	-0.51	-187.79	1,473.77	977.40	960.86	16.54	59.079	
3,600.00	3,554.23	3,428.36	3,381.84	9.52	9.28	-0.26	-194.35	1,490.56	977.67	960.72	16.94	57.702	
3,700.00	3,652.73	3,528.27	3,480.10	9.76	9.51	-0.01	-200.92	1,507.36	977.95	960.59	17.36	56.344	
3,800.00	3,751.23	3,628.17	3,578.37	10.00	9.75	0.24	-207.48	1,524.16	978.25	960.47	17.78	55.010	
3,900.00	3,849.73	3,728.08	3,676.63	10.25	10.00	0.49	-214.05	1,540.96	978.57	960.35	18.22	53.704	
4,000.00	3,948.23	3,827.99	3,774.90	10.50	10.25	0.74	-220.61	1,557.75	978.91	960.24	18.67	52.428	
4,100.00	4,046.73	3,927.90	3,873.17	10.76	10.51	0.99	-227.18	1,574.55	979.27	960.14	19.13	51.186	
4,200.00	4,145.23	4,027.80	3,971.43	11.02	10.77	1.24	-233.75	1,591.35	979.65	960.05	19.60	49.979	
4,300.00	4,243.73	4,127.71	4,069.70	11.29	11.04	1.49	-240.31	1,608.15	980.05	959.97	20.08	48.807	
4,400.00	4,342.23	4,227.62	4,167.97	11.56	11.31	1.74	-246.88	1,624.95	980.46	959.89	20.57	47.672	
4,500.00	4,440.72	4,327.53	4,266.23	11.84	11.59	1.99	-253.44	1,641.74	980.89	959.83	21.06	46.573	
4,600.00	4,539.22	4,427.43	4,364.50	12.12	11.87	2.24	-260.01	1,658.54	981.35	959.78	21.56	45.511	
4,700.00	4,637.72	4,527.34	4,462.76	12.40	12.16	2.49	-266.57	1,675.34	981.82	959.75	22.07	44.485	
4,800.00	4,736.22	4,627.25	4,561.03	12.69	12.45	2.74	-273.14	1,692.14	982.31	959.72	22.59	43.494	
4,900.00	4,834.72	4,727.16	4,659.30	12.97	12.74	2.99	-279.70	1,708.93	982.81	959.71	23.10	42.537	
5,000.00	4,933.22	4,827.06	4,757.56	13.26	13.03	3.24	-286.27	1,725.73	983.34	959.71	23.63	41.614	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	4,926.97	4,855.83	13.56	13.33	3.48	-292.83	1,742.53	983.89	959.73	24.16	40.724		
5,200.00	5,130.22	5,026.88	4,954.09	13.85	13.63	3.73	-299.40	1,759.33	984.45	959.75	24.69	39.865		
5,300.00	5,228.72	5,126.79	5,052.36	14.15	13.93	3.98	-305.96	1,776.13	985.03	959.80	25.23	39.037		
5,400.00	5,327.21	5,226.70	5,150.63	14.45	14.24	4.23	-312.53	1,792.92	985.63	959.86	25.78	38.239		
5,500.00	5,425.71	5,326.60	5,248.89	14.75	14.54	4.47	-319.09	1,809.72	986.25	959.93	26.32	37.468		
5,600.00	5,524.21	5,426.51	5,347.16	15.05	14.85	4.72	-325.66	1,826.52	986.89	960.01	26.87	36.725		
5,700.00	5,622.71	5,526.42	5,445.43	15.36	15.16	4.97	-332.22	1,843.32	987.54	960.12	27.43	36.008		
5,800.00	5,721.21	5,626.33	5,543.69	15.67	15.48	5.21	-338.79	1,860.11	988.22	960.23	27.98	35.316		
5,900.00	5,819.71	5,726.23	5,641.96	15.97	15.79	5.46	-345.36	1,876.91	988.91	960.37	28.54	34.649		
6,000.00	5,918.21	5,826.14	5,740.22	16.28	16.11	5.71	-351.92	1,893.71	989.62	960.51	29.10	34.004		
6,100.00	6,016.71	5,926.05	5,838.49	16.59	16.42	5.95	-358.49	1,910.51	990.35	960.68	29.67	33.382		
6,200.00	6,115.21	6,025.96	5,936.76	16.91	16.74	6.19	-365.05	1,927.31	991.09	960.86	30.23	32.781		
6,300.00	6,213.70	6,125.86	6,035.02	17.22	17.06	6.44	-371.62	1,944.10	991.86	961.05	30.80	32.200		
6,400.00	6,312.20	6,056.92	7,181.76	17.53	21.63	116.00	-424.29	985.34	917.71	887.45	30.26	30.323		
6,500.00	6,410.70	6,037.14	7,182.29	17.85	21.46	113.01	-424.73	1,005.10	824.62	793.98	30.64	26.914		
6,600.00	6,509.20	6,017.37	7,182.81	18.17	21.29	109.83	-425.18	1,024.86	732.82	701.72	31.10	23.561		
6,700.00	6,607.69	6,002.44	7,183.34	18.48	21.17	108.12	-425.62	1,044.66	642.87	611.14	31.72	20.264		
6,800.00	6,704.15	7,969.07	7,184.10	18.86	20.92	119.91	-426.26	1,073.13	557.75	525.29	32.46	17.183		
6,900.00	6,795.38	7,925.96	7,185.25	19.35	20.60	124.31	-427.22	1,116.22	481.56	448.13	33.43	14.404		
7,000.00	6,879.12	7,869.29	7,186.75	19.94	20.22	124.63	-428.49	1,172.85	417.21	382.50	34.71	12.020		
7,100.00	6,953.32	7,800.45	7,188.58	20.64	19.81	122.21	-430.04	1,241.65	366.96	330.69	36.28	10.115		
7,200.00	7,016.16	7,721.15	7,190.69	21.44	19.44	117.94	-431.81	1,320.90	331.70	293.67	38.03	8.722		
7,300.00	7,066.07	7,621.87	7,191.34	22.34	19.10	111.72	-433.91	1,420.13	309.56	269.99	39.57	7.823		
7,400.00	7,101.84	7,513.92	7,176.60	23.34	18.86	103.53	-435.19	1,526.93	293.95	252.76	41.19	7.137		
7,500.00	7,122.58	7,415.49	7,147.65	24.40	18.74	94.92	-435.31	1,620.90	285.23	242.35	42.88	6.651		
7,563.23	7,128.13	7,357.38	7,123.88	25.10	18.71	89.34	-434.90	1,673.90	283.66	239.85	43.81	6.474 CC, ES		
7,600.00	7,127.94	7,324.47	7,108.31	25.51	18.70	86.23	-434.52	1,702.89	284.16	239.90	44.26	6.420 SF		
7,700.00	7,127.49	7,244.16	7,064.23	26.66	18.71	77.53	-433.12	1,769.94	292.11	247.04	45.07	6.481		
7,800.00	7,127.05	7,176.50	7,020.79	27.87	18.73	69.40	-431.45	1,821.75	313.10	268.09	45.01	6.956		
7,900.00	7,126.60	7,119.92	6,980.43	29.13	18.75	62.45	-429.71	1,861.34	348.72	304.52	44.19	7.891		
8,000.00	7,126.16	7,072.61	6,944.10	30.43	18.77	56.79	-428.04	1,891.58	397.74	354.70	43.04	9.241		
8,100.00	7,125.71	7,032.87	6,911.93	31.76	18.78	52.27	-426.49	1,914.84	457.66	415.75	41.91	10.920		
8,200.00	7,125.26	7,000.00	6,884.26	33.12	18.79	48.73	-425.11	1,932.53	525.89	484.93	40.96	12.838		
8,300.00	7,124.82	6,970.63	6,858.80	34.52	18.80	45.75	-423.80	1,947.11	600.37	560.17	40.20	14.934		
8,400.00	7,124.37	6,950.00	6,840.53	35.93	18.80	43.77	-422.84	1,956.64	679.56	639.88	39.67	17.128		
8,500.00	7,123.92	6,924.73	6,817.75	37.37	18.81	41.46	-421.62	1,967.50	762.26	723.07	39.19	19.448		
8,600.00	7,123.48	6,900.00	6,795.05	38.82	18.81	39.33	-420.39	1,977.24	847.79	808.98	38.81	21.844		
8,700.00	7,123.03	6,900.00	6,795.05	40.30	18.81	39.33	-420.39	1,977.24	935.50	896.79	38.71	24.165		
8,800.00	7,122.59	6,875.37	6,772.09	41.79	18.80	37.34	-419.12	1,986.06	1,024.72	986.28	38.44	26.658		
8,900.00	7,122.14	6,850.00	6,748.10	43.29	18.80	35.41	-417.77	1,994.20	1,115.64	1,077.43	38.21	29.199		
9,000.00	7,121.69	6,850.00	6,748.10	44.80	18.80	35.41	-417.77	1,994.20	1,207.32	1,169.13	38.20	31.608		
9,100.00	7,121.25	6,850.00	6,748.10	46.33	18.80	35.41	-417.77	1,994.20	1,300.23	1,262.04	38.19	34.042		
9,200.00	7,120.80	6,831.30	6,730.23	47.86	18.79	34.08	-416.75	1,999.59	1,393.73	1,355.65	38.08	36.599		
9,300.00	7,120.35	6,822.80	6,722.05	49.40	18.79	33.49	-416.28	2,001.86	1,488.00	1,449.95	38.05	39.106		
9,400.00	7,119.91	6,800.00	6,699.98	50.96	18.78	31.98	-415.00	2,007.42	1,583.08	1,545.13	37.95	41.717		
9,500.00	7,119.46	6,800.00	6,699.98	52.52	18.78	31.98	-415.00	2,007.42	1,678.22	1,640.23	37.99	44.178		
9,600.00	7,119.02	6,800.00	6,699.98	54.08	18.78	31.98	-415.00	2,007.42	1,773.90	1,735.87	38.03	46.643		
9,700.00	7,118.57	6,800.00	6,699.98	55.65	18.78	31.98	-415.00	2,007.42	1,870.03	1,831.95	38.08	49.110		
9,800.00	7,118.12	6,800.00	6,699.98	57.23	18.78	31.98	-415.00	2,007.42	1,966.54	1,928.42	38.13	51.576		
9,900.00	7,117.68	6,800.00	6,699.98	58.81	18.78	31.98	-415.00	2,007.42	2,063.39	2,025.21	38.18	54.041		
10,000.00	7,117.23	6,779.98	6,680.44	60.40	18.76	30.73	-413.85	2,011.65	2,160.12	2,121.98	38.14	56.631		
10,100.00	7,116.78	6,775.53	6,676.08	61.99	18.76	30.46	-413.59	2,012.51	2,257.31	2,219.13	38.19	59.115		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,116.34	6,771.37	6,672.00	63.59	18.75	30.22	-413.35	2,013.28	2,354.71	2,316.47	38.23	61.590	
10,300.00	7,115.89	6,750.00	6,650.97	65.19	18.74	28.99	-412.09	2,016.83	2,452.58	2,414.37	38.21	64.191	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-90.00	0.00	-20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	-90.00	0.00	-20.05	20.05	12.52	7.53	2.662	
200.00	200.00	200.00	200.00	3.31	3.31	-90.00	0.00	-20.05	20.05	12.47	7.57	2.647	CC
300.00	299.99	300.01	299.99	3.35	3.35	172.80	0.00	-20.05	21.15	13.49	7.66	2.761	
400.00	399.88	400.12	399.88	3.41	3.42	174.06	0.00	-20.05	25.66	17.87	7.79	3.293	
500.00	499.55	500.45	499.55	3.50	3.50	175.46	0.00	-20.05	33.65	25.68	7.97	4.223	
600.00	598.89	601.11	598.89	3.61	3.61	176.60	0.00	-20.05	45.11	36.93	8.19	5.511	
700.00	697.76	702.24	697.76	3.76	3.74	177.43	0.00	-20.05	60.05	51.60	8.45	7.109	
800.00	796.26	803.74	796.26	3.95	3.88	178.00	0.00	-20.05	77.25	68.50	8.74	8.836	
900.00	894.76	894.76	894.76	4.17	4.02	178.37	0.00	-20.05	94.50	85.45	9.04	10.448	
1,000.00	993.26	996.98	996.96	4.40	4.18	178.73	0.02	-18.40	110.19	100.81	9.37	11.754	
1,100.00	1,091.76	1,100.40	1,100.24	4.66	4.34	179.24	0.10	-13.04	122.36	112.64	9.72	12.591	
1,200.00	1,190.26	1,204.59	1,204.01	4.94	4.53	179.88	0.24	-3.87	130.97	120.89	10.08	12.990	
1,300.00	1,288.76	1,309.27	1,307.88	5.23	4.73	-179.31	0.43	9.14	136.00	125.53	10.47	12.994	
1,400.00	1,387.26	1,414.18	1,411.42	5.53	4.97	-178.29	0.68	25.97	137.45	126.59	10.87	12.648	
1,500.00	1,485.76	1,516.07	1,511.46	5.84	5.22	-177.07	0.97	45.31	136.01	124.71	11.31	12.030	
1,600.00	1,584.26	1,616.02	1,609.53	6.16	5.49	-175.82	1.26	64.56	134.35	122.58	11.78	11.409	
1,700.00	1,682.75	1,715.96	1,707.60	6.49	5.78	-174.55	1.54	83.82	132.76	120.50	12.26	10.826	
1,800.00	1,781.25	1,815.90	1,805.67	6.83	6.05	-173.24	1.83	103.08	131.24	118.66	12.58	10.434	
1,900.00	1,879.75	1,915.85	1,903.74	7.01	6.20	-171.91	2.11	122.33	129.78	117.17	12.62	10.287	
2,000.00	1,978.25	2,015.79	2,001.81	7.05	6.24	-170.54	2.40	141.59	128.40	115.74	12.66	10.141	
2,100.00	2,076.75	2,115.73	2,099.88	7.11	6.30	-169.14	2.68	160.85	127.09	114.35	12.74	9.974	
2,200.00	2,175.25	2,215.68	2,197.95	7.18	6.38	-167.72	2.97	180.10	125.86	113.00	12.86	9.788	
2,300.00	2,273.75	2,315.62	2,296.02	7.27	6.48	-166.27	3.25	199.36	124.71	111.70	13.01	9.587	
2,400.00	2,372.25	2,415.56	2,394.09	7.37	6.59	-164.80	3.54	218.61	123.64	110.44	13.19	9.372	
2,500.00	2,470.75	2,515.50	2,492.16	7.49	6.72	-163.30	3.83	237.87	122.65	109.24	13.41	9.147	
2,600.00	2,569.25	2,615.45	2,590.23	7.62	6.87	-161.77	4.11	257.13	121.75	108.09	13.66	8.915	
2,700.00	2,667.74	2,715.39	2,688.30	7.76	7.04	-160.23	4.40	276.38	120.93	107.00	13.94	8.678	
2,800.00	2,766.24	2,815.33	2,786.37	7.92	7.21	-158.66	4.68	295.64	120.21	105.96	14.24	8.440	
2,900.00	2,864.74	2,915.28	2,884.44	8.08	7.40	-157.08	4.97	314.90	119.57	104.99	14.58	8.202	
3,000.00	2,963.24	3,015.22	2,982.51	8.26	7.61	-155.48	5.25	334.15	119.03	104.09	14.94	7.967	
3,100.00	3,061.74	3,115.16	3,080.58	8.45	7.82	-153.87	5.54	353.41	118.58	103.26	15.33	7.737	
3,200.00	3,160.24	3,215.11	3,178.65	8.65	8.04	-152.24	5.83	372.66	118.23	102.49	15.74	7.513	
3,300.00	3,258.74	3,315.05	3,276.72	8.85	8.27	-150.61	6.11	391.92	117.97	101.80	16.17	7.296	
3,400.00	3,357.24	3,414.99	3,374.79	9.07	8.52	-148.97	6.40	411.18	117.81	101.19	16.62	7.087	
3,500.00	3,455.74	3,514.94	3,472.86	9.29	8.76	-147.33	6.68	430.43	117.74	100.65	17.10	6.887	
3,517.74	3,473.21	3,532.66	3,490.26	9.33	8.81	-147.04	6.73	433.85	117.74	100.56	17.18	6.852	
3,600.00	3,554.23	3,614.88	3,570.93	9.52	9.02	-145.69	6.97	449.69	117.77	100.19	17.59	6.696	
3,700.00	3,652.73	3,714.82	3,669.00	9.76	9.28	-144.05	7.25	468.95	117.90	99.80	18.10	6.515	
3,800.00	3,751.23	3,814.76	3,767.07	10.00	9.55	-142.42	7.54	488.20	118.13	99.50	18.62	6.343	
3,900.00	3,849.73	3,914.71	3,865.14	10.25	9.83	-140.79	7.83	507.46	118.45	99.28	19.16	6.181	
4,000.00	3,948.23	4,014.65	3,963.21	10.50	10.11	-139.18	8.11	526.71	118.86	99.14	19.72	6.028	
4,100.00	4,046.73	4,114.59	4,061.28	10.76	10.39	-137.57	8.40	545.97	119.37	99.08	20.29	5.884	
4,200.00	4,145.23	4,214.54	4,159.35	11.02	10.68	-135.98	8.68	565.23	119.97	99.11	20.87	5.750	
4,300.00	4,243.73	4,314.48	4,257.42	11.29	10.97	-134.41	8.97	584.48	120.66	99.21	21.46	5.624	
4,400.00	4,342.23	4,414.42	4,355.49	11.56	11.27	-132.86	9.25	603.74	121.45	99.39	22.06	5.506	
4,500.00	4,440.72	4,514.37	4,453.57	11.84	11.57	-131.33	9.54	623.00	122.32	99.65	22.67	5.396	
4,600.00	4,539.22	4,614.31	4,551.64	12.12	11.87	-129.82	9.83	642.25	123.28	99.99	23.29	5.294	
4,700.00	4,637.72	4,714.25	4,649.71	12.40	12.18	-128.33	10.11	661.51	124.32	100.40	23.91	5.198	
4,800.00	4,736.22	4,814.19	4,747.78	12.69	12.49	-126.87	10.40	680.76	125.44	100.89	24.55	5.110	
4,900.00	4,834.72	4,914.14	4,845.85	12.97	12.80	-125.44	10.68	700.02	126.64	101.46	25.19	5.028	
5,000.00	4,933.22	5,014.08	4,943.92	13.26	13.11	-124.04	10.97	719.28	127.93	102.09	25.84	4.952	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
5,100.00	5,031.72	5,114.02	5,041.99	13.56	13.43	-122.66	11.25	738.53	129.28	102.80	26.49	4.881	
5,200.00	5,130.22	5,213.97	5,140.06	13.85	13.74	-121.31	11.54	757.79	130.71	103.57	27.14	4.816	
5,300.00	5,228.72	5,313.91	5,238.13	14.15	14.06	-120.00	11.83	777.05	132.21	104.41	27.80	4.755	
5,400.00	5,327.21	5,413.85	5,336.20	14.45	14.38	-118.71	12.11	796.30	133.78	105.32	28.47	4.700	
5,500.00	5,425.71	5,513.80	5,434.27	14.75	14.71	-117.45	12.40	815.56	135.42	106.28	29.13	4.648	
5,600.00	5,524.21	5,613.74	5,532.34	15.05	15.03	-116.23	12.68	834.81	137.12	107.31	29.80	4.601	
5,700.00	5,622.71	5,713.68	5,630.41	15.36	15.36	-115.03	12.97	854.07	138.88	108.40	30.47	4.557	
5,800.00	5,721.21	5,813.63	5,728.48	15.67	15.68	-113.87	13.25	873.33	140.69	109.55	31.15	4.517	
5,900.00	5,819.71	5,913.57	5,826.55	15.97	16.01	-112.73	13.54	892.58	142.57	110.74	31.82	4.480	
6,000.00	5,918.21	6,013.51	5,924.62	16.28	16.34	-111.63	13.83	911.84	144.50	112.00	32.50	4.446	
6,100.00	6,016.71	6,113.45	6,022.69	16.59	16.67	-110.55	14.11	931.09	146.48	113.30	33.18	4.414	
6,200.00	6,115.21	6,213.40	6,120.76	16.91	17.00	-109.51	14.40	950.35	148.51	114.65	33.86	4.386	
6,300.00	6,213.70	6,313.34	6,218.83	17.22	17.34	-108.49	14.68	969.61	150.59	116.05	34.54	4.360	
6,400.00	6,312.20	6,413.28	6,316.90	17.53	17.67	-107.50	14.97	988.86	152.72	117.49	35.23	4.335	
6,500.00	6,410.70	6,513.23	6,414.97	17.85	18.00	-106.54	15.25	1,008.12	154.89	118.98	35.91	4.313	
6,600.00	6,509.20	6,613.17	6,513.04	18.17	18.34	-105.60	15.54	1,027.38	157.11	120.51	36.59	4.293	
6,700.00	6,607.69	6,713.11	6,611.11	18.48	18.67	-104.19	15.82	1,046.63	159.36	122.09	37.28	4.275	
6,800.00	6,704.15	6,812.75	6,708.87	18.86	19.01	-102.73	16.11	1,065.83	162.80	124.92	37.87	4.298	
6,900.00	6,795.38	6,910.79	6,805.07	19.35	19.34	-108.04	16.39	1,084.79	170.06	131.80	38.26	4.445	
7,000.00	6,879.12	7,017.24	6,906.89	19.94	19.78	-115.38	16.73	1,115.39	182.01	143.38	38.63	4.712	
7,100.00	6,953.32	7,129.52	7,007.18	20.64	20.39	-121.71	17.13	1,165.54	196.31	157.23	39.08	5.023	
7,200.00	7,016.16	7,248.08	7,101.79	21.44	21.18	-126.89	17.60	1,236.72	211.36	171.80	39.56	5.342	
7,300.00	7,066.07	7,373.07	7,185.41	22.34	22.20	-130.93	18.13	1,329.33	225.55	185.50	40.05	5.631	
7,400.00	7,101.84	7,504.10	7,251.92	23.34	23.44	-133.90	18.69	1,441.96	237.44	196.84	40.60	5.848	
7,500.00	7,122.58	7,640.13	7,295.10	24.40	24.89	-135.85	19.26	1,570.69	245.81	204.46	41.35	5.945	
7,600.00	7,127.94	7,779.42	7,310.00	25.51	26.46	-136.82	19.81	1,708.89	249.67	207.20	42.47	5.879	
7,700.00	7,127.49	7,879.82	7,309.59	26.66	27.65	-136.87	20.18	1,809.29	249.53	205.41	44.12	5.656	
7,800.00	7,127.05	7,979.82	7,309.17	27.87	28.87	-136.91	20.55	1,909.29	249.39	203.54	45.85	5.439	
7,900.00	7,126.60	8,079.82	7,308.75	29.13	30.14	-136.95	20.92	2,009.29	249.25	201.59	47.66	5.230	
8,000.00	7,126.16	8,179.82	7,308.33	30.43	31.45	-137.00	21.29	2,109.28	249.11	199.57	49.54	5.029	
8,100.00	7,125.71	8,279.82	7,307.92	31.76	32.80	-137.04	21.66	2,209.28	248.97	197.49	51.48	4.837	
8,200.00	7,125.26	8,379.82	7,307.50	33.12	34.17	-137.09	22.03	2,309.28	248.83	195.36	53.47	4.654	
8,300.00	7,124.82	8,479.81	7,307.08	34.52	35.56	-137.13	22.40	2,409.28	248.69	193.18	55.51	4.480	
8,400.00	7,124.37	8,579.81	7,306.67	35.93	36.98	-137.18	22.77	2,509.28	248.55	190.95	57.59	4.315	
8,500.00	7,123.92	8,679.81	7,306.25	37.37	38.43	-137.22	23.14	2,609.28	248.41	188.69	59.72	4.160	
8,600.00	7,123.48	8,779.81	7,305.83	38.82	39.88	-137.27	23.51	2,709.27	248.27	186.40	61.87	4.013	
8,700.00	7,123.03	8,879.81	7,305.41	40.30	41.36	-137.31	23.88	2,809.27	248.13	184.07	64.05	3.874	
8,800.00	7,122.59	8,979.81	7,305.00	41.79	42.85	-137.36	24.25	2,909.27	247.99	181.72	66.26	3.742	
8,900.00	7,122.14	9,079.81	7,304.58	43.29	44.35	-137.40	24.62	3,009.27	247.85	179.35	68.50	3.618	
9,000.00	7,121.69	9,179.81	7,304.16	44.80	45.87	-137.45	24.99	3,109.27	247.71	176.95	70.75	3.501	
9,100.00	7,121.25	9,279.81	7,303.74	46.33	47.39	-137.49	25.36	3,209.26	247.57	174.54	73.03	3.390	
9,200.00	7,120.80	9,379.81	7,303.33	47.86	48.93	-137.54	25.73	3,309.26	247.43	172.11	75.32	3.285	
9,300.00	7,120.35	9,479.81	7,302.91	49.40	50.47	-137.58	26.10	3,409.26	247.29	169.67	77.62	3.186	
9,400.00	7,119.91	9,579.81	7,302.49	50.96	52.02	-137.63	26.47	3,509.26	247.15	167.21	79.94	3.092	
9,500.00	7,119.46	9,679.81	7,302.08	52.52	53.58	-137.67	26.84	3,609.26	247.01	164.74	82.27	3.002	
9,600.00	7,119.02	9,779.81	7,301.66	54.08	55.15	-137.72	27.21	3,709.26	246.88	162.26	84.62	2.918	
9,700.00	7,118.57	9,879.81	7,301.24	55.65	56.72	-137.76	27.58	3,809.25	246.74	159.77	86.97	2.837	
9,800.00	7,118.12	9,979.81	7,300.82	57.23	58.29	-137.81	27.95	3,909.25	246.60	157.27	89.33	2.761	
9,900.00	7,117.68	10,079.81	7,300.41	58.81	59.88	-137.85	28.32	4,009.25	246.46	154.77	91.70	2.688	
10,000.00	7,117.23	10,179.81	7,299.99	60.40	61.46	-137.90	28.69	4,109.25	246.32	152.25	94.07	2.618	
10,100.00	7,116.78	10,279.81	7,299.57	61.99	63.05	-137.94	29.06	4,209.25	246.19	149.73	96.45	2.552	
10,200.00	7,116.34	10,379.81	7,299.16	63.59	64.65	-137.99	29.43	4,309.24	246.05	147.21	98.84	2.489	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
10,300.00	7,115.89	10,479.81	7,298.74	65.19	66.25	-138.04	29.80	4,409.24	245.91	144.68	101.23	2.429	
10,400.00	7,115.44	10,579.81	7,298.32	66.80	67.85	-138.08	30.17	4,509.24	245.77	142.14	103.63	2.372	
10,500.00	7,115.00	10,679.81	7,297.90	68.40	69.46	-138.13	30.54	4,609.24	245.64	139.61	106.03	2.317	
10,600.00	7,114.55	10,779.81	7,297.49	70.01	71.07	-138.17	30.91	4,709.24	245.50	137.06	108.44	2.264	
10,700.00	7,114.11	10,879.81	7,297.07	71.63	72.68	-138.22	31.28	4,809.24	245.36	134.52	110.85	2.214	
10,800.00	7,113.66	10,979.81	7,296.65	73.24	74.30	-138.26	31.65	4,909.23	245.23	131.97	113.26	2.165	
10,900.00	7,113.21	11,079.81	7,296.23	74.86	75.91	-138.31	32.02	5,009.23	245.09	129.42	115.67	2.119	
11,000.00	7,112.77	11,179.81	7,295.82	76.48	77.53	-138.36	32.39	5,109.23	244.96	126.87	118.08	2.074	
11,100.00	7,112.32	11,279.81	7,295.40	78.10	79.15	-138.40	32.76	5,209.23	244.82	124.32	120.50	2.032	
11,200.00	7,111.87	11,379.81	7,294.98	79.73	80.78	-138.45	33.13	5,309.23	244.68	121.76	122.92	1.991	
11,300.00	7,111.43	11,479.81	7,294.57	81.35	82.40	-138.49	33.50	5,409.22	244.55	119.21	125.34	1.951	
11,400.00	7,110.98	11,579.81	7,294.15	82.98	84.03	-138.54	33.87	5,509.22	244.41	116.65	127.76	1.913	
11,500.00	7,110.54	11,679.81	7,293.73	84.61	85.66	-138.59	34.24	5,609.22	244.28	114.09	130.18	1.876	
11,600.00	7,110.09	11,779.81	7,293.31	86.24	87.29	-138.63	34.61	5,709.22	244.14	111.54	132.61	1.841	
11,700.00	7,109.64	11,879.81	7,292.90	87.88	88.92	-138.68	34.98	5,809.22	244.01	108.98	135.03	1.807	
11,800.00	7,109.20	11,979.81	7,292.48	89.51	90.56	-138.73	35.35	5,909.21	243.87	106.42	137.45	1.774	
11,900.00	7,108.75	12,079.80	7,292.06	91.15	92.19	-138.77	35.72	6,009.21	243.74	103.86	139.88	1.743	
12,000.00	7,108.30	12,179.80	7,291.65	92.79	93.83	-138.82	36.09	6,109.21	243.60	101.30	142.30	1.712	
12,100.00	7,107.86	12,279.80	7,291.23	94.42	95.47	-138.87	36.46	6,209.21	243.47	98.74	144.72	1.682	
12,200.00	7,107.41	12,379.80	7,290.81	96.06	97.11	-138.91	36.83	6,309.21	243.33	96.19	147.15	1.654	
12,300.00	7,106.96	12,479.80	7,290.39	97.70	98.75	-138.96	37.20	6,409.21	243.20	93.63	149.57	1.626	
12,400.00	7,106.52	12,579.80	7,289.98	99.35	100.39	-139.01	37.57	6,509.20	243.07	91.07	151.99	1.599	
12,500.00	7,106.07	12,679.80	7,289.56	100.99	102.03	-139.05	37.94	6,609.20	242.93	88.52	154.41	1.573	
12,600.00	7,105.63	12,779.80	7,289.14	102.63	103.67	-139.10	38.31	6,709.20	242.80	85.96	156.84	1.548	
12,700.00	7,105.18	12,879.80	7,288.72	104.28	105.32	-139.15	38.68	6,809.20	242.67	83.41	159.26	1.524	
12,800.00	7,104.73	12,979.80	7,288.31	105.92	106.96	-139.19	39.05	6,909.20	242.53	80.86	161.68	1.500	
12,900.00	7,104.29	13,079.80	7,287.89	107.57	108.61	-139.24	39.42	7,009.19	242.40	78.31	164.09	1.477 Level 3	
13,000.00	7,103.84	13,179.80	7,287.47	109.22	110.26	-139.29	39.79	7,109.19	242.27	75.75	166.51	1.455 Level 3	
13,100.00	7,103.39	13,279.80	7,287.06	110.86	111.90	-139.33	40.16	7,209.19	242.13	73.21	168.93	1.433 Level 3	
13,200.00	7,102.95	13,379.80	7,286.64	112.51	113.55	-139.38	40.53	7,309.19	242.00	70.66	171.34	1.412 Level 3	
13,300.00	7,102.50	13,479.80	7,286.22	114.16	115.20	-139.43	40.90	7,409.19	241.87	68.11	173.76	1.392 Level 3	
13,400.00	7,102.06	13,579.80	7,285.80	115.81	116.85	-139.48	41.27	7,509.19	241.74	65.57	176.17	1.372 Level 3	
13,500.00	7,101.61	13,679.80	7,285.39	117.46	118.50	-139.52	41.64	7,609.18	241.60	63.02	178.58	1.353 Level 3	
13,600.00	7,101.16	13,779.80	7,284.97	119.11	120.15	-139.57	42.01	7,709.18	241.47	60.48	180.99	1.334 Level 3	
13,700.00	7,100.72	13,879.80	7,284.55	120.77	121.80	-139.62	42.38	7,809.18	241.34	57.94	183.40	1.316 Level 3	
13,800.00	7,100.27	13,979.80	7,284.14	122.42	123.45	-139.67	42.75	7,909.18	241.21	55.40	185.80	1.298 Level 3	
13,900.00	7,099.82	14,079.80	7,283.72	124.07	125.11	-139.71	43.12	8,009.18	241.08	52.87	188.21	1.281 Level 3	
14,000.00	7,099.38	14,179.80	7,283.30	125.72	126.76	-139.76	43.49	8,109.17	240.95	50.33	190.61	1.264 Level 3	
14,100.00	7,098.93	14,279.80	7,282.88	127.38	128.41	-139.81	43.86	8,209.17	240.82	47.80	193.01	1.248 Level 2	
14,200.00	7,098.49	14,379.80	7,282.47	129.03	130.07	-139.86	44.23	8,309.17	240.68	45.27	195.41	1.232 Level 2	
14,300.00	7,098.04	14,479.80	7,282.05	130.69	131.72	-139.90	44.60	8,409.17	240.55	42.74	197.81	1.216 Level 2	
14,400.00	7,097.59	14,579.80	7,281.63	132.34	133.38	-139.95	44.97	8,509.17	240.42	40.21	200.21	1.201 Level 2	
14,500.00	7,097.15	14,679.80	7,281.21	134.00	135.03	-140.00	45.34	8,609.17	240.29	37.69	202.60	1.186 Level 2	
14,600.00	7,096.70	14,779.80	7,280.80	135.65	136.69	-140.05	45.71	8,709.16	240.16	35.17	205.00	1.172 Level 2	
14,700.00	7,096.25	14,879.80	7,280.38	137.31	138.34	-140.09	46.08	8,809.16	240.03	32.65	207.39	1.157 Level 2	
14,800.00	7,095.81	14,979.80	7,279.96	138.97	140.00	-140.14	46.45	8,909.16	239.90	30.13	209.77	1.144 Level 2	
14,900.00	7,095.36	15,079.80	7,279.55	140.63	141.66	-140.19	46.82	9,009.16	239.77	27.61	212.16	1.130 Level 2	
15,000.00	7,094.91	15,179.80	7,279.13	142.28	143.31	-140.24	47.19	9,109.16	239.64	25.10	214.55	1.117 Level 2	
15,100.00	7,094.47	15,279.80	7,278.71	143.94	144.97	-140.29	47.56	9,209.15	239.51	22.58	216.93	1.104 Level 2	
15,200.00	7,094.02	15,379.80	7,278.29	145.60	146.63	-140.34	47.93	9,309.15	239.38	20.07	219.31	1.092 Level 2	
15,300.00	7,093.58	15,479.80	7,277.88	147.26	148.29	-140.38	48.30	9,409.15	239.25	17.57	221.69	1.079 Level 2	
15,400.00	7,093.13	15,579.79	7,277.46	148.92	149.95	-140.43	48.67	9,509.15	239.13	15.06	224.06	1.067 Level 2	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	
15,500.00	7,092.68	15,679.79	7,277.04	150.58	151.61	-140.48	49.04	9,609.15	239.00	12.56	226.44	1.055 Level 2	
15,600.00	7,092.24	15,779.79	7,276.63	152.23	153.27	-140.53	49.41	9,709.15	238.87	10.06	228.81	1.044 Level 2	
15,700.00	7,091.79	15,879.79	7,276.21	153.89	154.92	-140.58	49.78	9,809.14	238.74	7.56	231.18	1.033 Level 2	
15,800.00	7,091.34	15,979.79	7,275.79	155.55	156.58	-140.63	50.15	9,909.14	238.61	5.07	233.55	1.022 Level 2	
15,900.00	7,090.90	16,079.79	7,275.37	157.21	158.24	-140.67	50.52	10,009.14	238.48	2.57	235.91	1.011 Level 2	
16,000.00	7,090.45	16,179.79	7,274.96	158.87	159.91	-140.72	50.89	10,109.14	238.36	0.08	238.27	1.000 Level 2	
16,100.00	7,090.01	16,279.79	7,274.54	160.54	161.57	-140.77	51.26	10,209.14	238.23	-2.41	240.64	0.990 Level 1	
16,200.00	7,089.56	16,379.79	7,274.12	162.20	163.23	-140.82	51.63	10,309.13	238.10	-4.89	242.99	0.980 Level 1	
16,300.00	7,089.11	16,479.79	7,273.70	163.86	164.89	-140.87	52.00	10,409.13	237.97	-7.38	245.35	0.970 Level 1	
16,400.00	7,088.67	16,579.79	7,273.29	165.52	166.55	-140.92	52.37	10,509.13	237.85	-9.86	247.70	0.960 Level 1	
16,500.00	7,088.22	16,679.79	7,272.87	167.18	168.21	-140.97	52.74	10,609.13	237.72	-12.34	250.05	0.951 Level 1	
16,600.00	7,087.77	16,779.79	7,272.45	168.84	169.87	-141.01	53.11	10,709.13	237.59	-14.81	252.40	0.941 Level 1	
16,700.00	7,087.33	16,879.79	7,272.04	170.50	171.53	-141.06	53.48	10,809.12	237.47	-17.28	254.75	0.932 Level 1	
16,800.00	7,086.88	16,979.79	7,271.62	172.17	173.20	-141.11	53.85	10,909.12	237.34	-19.76	257.09	0.923 Level 1	
16,900.00	7,086.43	17,079.79	7,271.20	173.83	174.86	-141.16	54.22	11,009.12	237.21	-22.22	259.44	0.914 Level 1	
17,000.00	7,085.99	17,179.79	7,270.78	175.49	176.52	-141.21	54.59	11,109.12	237.09	-24.69	261.78	0.906 Level 1	
17,100.00	7,085.54	17,279.79	7,270.37	177.15	178.18	-141.26	54.96	11,209.12	236.96	-27.15	264.11	0.897 Level 1	
17,200.00	7,085.10	17,379.79	7,269.95	178.82	179.85	-141.31	55.33	11,309.12	236.83	-29.61	266.45	0.889 Level 1	
17,300.00	7,084.65	17,479.79	7,269.53	180.48	181.51	-141.36	55.70	11,409.11	236.71	-32.07	268.78	0.881 Level 1	
17,400.00	7,084.20	17,579.79	7,269.12	182.14	183.17	-141.41	56.07	11,509.11	236.58	-34.52	271.11	0.873 Level 1	
17,500.00	7,083.76	17,679.79	7,268.70	183.81	184.84	-141.46	56.44	11,609.11	236.46	-36.98	273.43	0.865 Level 1	
17,600.00	7,083.31	17,779.79	7,268.28	185.47	186.50	-141.51	56.81	11,709.11	236.33	-39.43	275.76	0.857 Level 1	
17,700.00	7,082.86	17,879.79	7,267.86	187.13	188.16	-141.56	57.18	11,809.11	236.21	-41.87	278.08	0.849 Level 1	
17,800.00	7,082.42	17,979.79	7,267.45	188.80	189.83	-141.61	57.55	11,909.10	236.08	-44.32	280.40	0.842 Level 1	
17,900.00	7,081.97	18,079.79	7,267.03	190.46	191.49	-141.66	57.92	12,009.10	235.96	-46.76	282.72	0.835 Level 1	
17,993.68	7,081.55	18,173.47	7,266.64	192.02	193.05	-141.70	58.26	12,102.78	235.84	-49.04	284.88	0.828 Level 1, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.00	0.00	20.05	20.05				
100.00	100.00	101.00	99.00	3.28	3.28	90.00	0.00	20.05	20.05	12.52	7.53	2.662	
200.00	200.00	199.00	199.00	3.31	3.30	90.00	0.00	20.05	20.05	12.47	7.57	2.647	CC
300.00	299.99	298.33	298.31	3.35	3.35	-6.55	-0.52	21.65	20.56	12.90	7.65	2.686	
400.00	399.88	397.63	397.48	3.41	3.41	-3.88	-2.11	26.53	21.01	13.25	7.76	2.706	
500.00	499.55	496.90	496.37	3.50	3.50	0.33	-4.75	34.66	21.43	13.52	7.91	2.708	
600.00	598.89	596.13	594.87	3.61	3.61	5.98	-8.45	46.05	21.93	13.83	8.09	2.709	
700.00	697.76	695.37	692.90	3.76	3.76	12.89	-13.20	60.67	22.68	14.36	8.32	2.727	
800.00	796.26	795.32	791.39	3.95	3.95	20.60	-18.46	76.85	23.11	14.49	8.62	2.681	
900.00	894.76	904.73	889.89	4.17	4.19	27.95	-23.71	93.03	23.90	14.91	9.00	2.657	
1,000.00	993.26	1,004.78	988.38	4.40	4.43	34.72	-28.97	109.21	25.06	15.65	9.42	2.662	
1,100.00	1,091.76	1,104.83	1,086.87	4.66	4.69	40.82	-34.23	125.39	26.53	16.65	9.89	2.683	
1,200.00	1,190.26	1,204.88	1,185.37	4.94	4.97	46.23	-39.49	141.57	28.28	17.87	10.41	2.716	
1,300.00	1,288.76	1,304.93	1,283.86	5.23	5.27	50.97	-44.74	157.75	30.24	19.26	10.98	2.755	
1,400.00	1,387.26	1,404.97	1,382.35	5.53	5.57	55.11	-50.00	173.93	32.38	20.81	11.57	2.798	
1,500.00	1,485.76	1,494.98	1,480.85	5.84	5.85	58.72	-55.26	190.11	34.68	22.50	12.17	2.849	
1,600.00	1,584.26	1,605.07	1,579.34	6.16	6.21	61.87	-60.51	206.29	37.09	24.24	12.85	2.886	
1,700.00	1,682.75	1,694.88	1,677.83	6.49	6.50	64.63	-65.77	222.47	39.60	26.11	13.49	2.936	
1,800.00	1,781.25	1,805.17	1,776.32	6.83	6.86	67.06	-71.03	238.65	42.19	28.00	14.20	2.972	
1,900.00	1,879.75	1,905.22	1,874.82	7.01	7.04	69.20	-76.29	254.83	44.85	30.65	14.20	3.158	
2,000.00	1,978.25	2,005.27	1,973.31	7.05	7.08	71.10	-81.54	271.01	47.57	33.24	14.32	3.321	
2,100.00	2,076.75	2,105.31	2,071.80	7.11	7.14	72.79	-86.80	287.19	50.33	35.86	14.47	3.479	
2,200.00	2,175.25	2,205.36	2,170.30	7.18	7.21	74.31	-92.06	303.37	53.13	38.49	14.64	3.629	
2,300.00	2,273.75	2,305.41	2,268.79	7.27	7.30	75.67	-97.32	319.55	55.96	41.12	14.84	3.771	
2,400.00	2,372.25	2,405.46	2,367.28	7.37	7.40	76.90	-102.57	335.73	58.82	43.76	15.06	3.905	
2,500.00	2,470.75	2,505.51	2,465.77	7.49	7.52	78.02	-107.83	351.91	61.71	46.39	15.32	4.029	
2,600.00	2,569.25	2,605.56	2,564.27	7.62	7.65	79.04	-113.09	368.09	64.62	49.03	15.59	4.144	
2,700.00	2,667.74	2,705.61	2,662.76	7.76	7.79	79.96	-118.34	384.27	67.54	51.65	15.89	4.250	
2,800.00	2,766.24	2,805.65	2,761.25	7.92	7.95	80.82	-123.60	400.45	70.49	54.27	16.22	4.347	
2,900.00	2,864.74	2,905.70	2,859.75	8.08	8.12	81.60	-128.86	416.63	73.44	56.88	16.56	4.435	
3,000.00	2,963.24	3,005.75	2,958.24	8.26	8.29	82.32	-134.12	432.81	76.41	59.49	16.93	4.515	
3,100.00	3,061.74	3,105.80	3,056.73	8.45	8.48	82.99	-139.37	448.99	79.40	62.09	17.31	4.587	
3,200.00	3,160.24	3,205.85	3,155.23	8.65	8.68	83.61	-144.63	465.17	82.39	64.67	17.71	4.652	
3,300.00	3,258.74	3,305.90	3,253.72	8.85	8.89	84.18	-149.89	481.35	85.39	67.26	18.13	4.709	
3,400.00	3,357.24	3,405.95	3,352.21	9.07	9.10	84.72	-155.14	497.53	88.39	69.83	18.57	4.761	
3,500.00	3,455.74	3,505.99	3,450.70	9.29	9.33	85.22	-160.40	513.71	91.41	72.39	19.02	4.807	
3,600.00	3,554.23	3,606.04	3,549.20	9.52	9.56	85.69	-165.66	529.89	94.43	74.95	19.48	4.848	
3,700.00	3,652.73	3,706.09	3,647.69	9.76	9.79	86.13	-170.92	546.07	97.46	77.50	19.96	4.884	
3,800.00	3,751.23	3,793.86	3,746.18	10.00	10.01	86.55	-176.17	562.25	100.49	80.08	20.41	4.923	
3,900.00	3,849.73	3,893.81	3,844.68	10.25	10.25	86.94	-181.43	578.43	103.53	82.62	20.91	4.951	
4,000.00	3,948.23	4,006.24	3,943.17	10.50	10.54	87.30	-186.69	594.61	106.57	85.12	21.45	4.968	
4,100.00	4,046.73	4,106.29	4,041.66	10.76	10.80	87.65	-191.94	610.79	109.62	87.65	21.97	4.989	
4,200.00	4,145.23	4,206.33	4,140.15	11.02	11.06	87.98	-197.20	626.97	112.67	90.17	22.50	5.007	
4,300.00	4,243.73	4,306.38	4,238.65	11.29	11.33	88.29	-202.46	643.15	115.73	92.69	23.04	5.023	
4,400.00	4,342.23	4,406.43	4,337.14	11.56	11.60	88.58	-207.72	659.33	118.78	95.20	23.58	5.037	
4,500.00	4,440.72	4,506.48	4,435.63	11.84	11.88	88.86	-212.97	675.51	121.84	97.71	24.13	5.048	
4,600.00	4,539.22	4,606.53	4,534.13	12.12	12.16	89.13	-218.23	691.69	124.91	100.21	24.69	5.058	
4,700.00	4,637.72	4,706.58	4,632.62	12.40	12.44	89.38	-223.49	707.87	127.97	102.71	25.26	5.066	
4,800.00	4,736.22	4,806.63	4,731.11	12.69	12.73	89.63	-228.75	724.05	131.04	105.21	25.83	5.073	
4,900.00	4,834.72	4,906.67	4,829.61	12.97	13.01	89.86	-234.00	740.23	134.11	107.70	26.41	5.079	
5,000.00	4,933.22	5,006.72	4,928.10	13.26	13.31	90.08	-239.26	756.41	137.18	110.19	26.99	5.083	
5,100.00	5,031.72	5,106.77	5,026.59	13.56	13.60	90.29	-244.52	772.59	140.26	112.68	27.57	5.087	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,130.22	5,206.82	5,125.08	13.85	13.89	90.49	-249.77	788.77	143.33	115.17	28.16	5.089	
5,300.00	5,228.72	5,306.87	5,223.58	14.15	14.19	90.68	-255.03	804.95	146.41	117.65	28.76	5.091	
5,400.00	5,327.21	5,406.92	5,322.07	14.45	14.49	90.87	-260.29	821.13	149.49	120.13	29.36	5.092	
5,500.00	5,425.71	5,506.97	5,420.56	14.75	14.79	91.05	-265.55	837.31	152.57	122.61	29.96	5.092	
5,600.00	5,524.21	5,607.01	5,519.06	15.05	15.10	91.22	-270.80	853.49	155.65	125.08	30.57	5.092	
5,700.00	5,622.71	5,707.06	5,617.55	15.36	15.40	91.38	-276.06	869.67	158.74	127.56	31.18	5.091	
5,800.00	5,721.21	5,807.11	5,716.04	15.67	15.71	91.54	-281.32	885.85	161.82	130.03	31.79	5.090	
5,900.00	5,819.71	5,907.16	5,814.53	15.97	16.02	91.69	-286.57	902.03	164.91	132.50	32.41	5.089	
6,000.00	5,918.21	6,007.21	5,913.03	16.28	16.33	91.84	-291.83	918.21	167.99	134.97	33.03	5.087	
6,100.00	6,016.71	6,107.26	6,011.52	16.59	16.64	91.98	-297.09	934.39	171.08	137.44	33.65	5.085	
6,200.00	6,115.21	6,207.31	6,110.01	16.91	16.95	92.11	-302.35	950.57	174.17	139.90	34.27	5.082	
6,300.00	6,213.70	6,307.35	6,208.51	17.22	17.27	92.24	-307.60	966.75	177.26	142.36	34.90	5.079	
6,400.00	6,312.20	6,392.60	6,307.00	17.53	17.53	92.37	-312.86	982.93	180.35	144.87	35.48	5.083	
6,500.00	6,410.70	6,507.45	6,405.49	17.85	17.90	92.49	-318.12	999.11	183.45	147.29	36.16	5.074	
6,600.00	6,509.20	6,592.50	6,503.98	18.17	18.17	92.61	-323.37	1,015.29	186.54	149.80	36.74	5.077	
6,700.00	6,607.69	6,692.45	6,602.48	18.48	18.48	93.22	-328.63	1,031.47	189.64	152.26	37.38	5.074	
6,800.00	6,704.15	6,794.58	6,702.89	18.86	18.82	98.68	-333.99	1,049.21	194.36	156.21	38.14	5.095	
6,900.00	6,795.38	6,902.39	6,805.31	19.35	19.26	102.56	-339.45	1,081.99	199.93	160.83	39.09	5.114	
7,000.00	6,879.12	7,012.29	6,902.52	19.94	19.83	105.32	-344.61	1,132.71	205.39	165.22	40.17	5.113	
7,100.00	6,953.32	7,124.07	6,990.97	20.64	20.53	107.32	-349.29	1,200.66	210.40	169.04	41.36	5.087	
7,200.00	7,016.16	7,237.40	7,067.15	21.44	21.36	108.65	-353.30	1,284.28	214.62	171.96	42.66	5.031	
7,300.00	7,066.07	7,351.86	7,127.85	22.34	22.33	109.38	-356.47	1,381.08	217.81	173.70	44.10	4.938	
7,400.00	7,101.84	7,466.94	7,170.46	23.34	23.42	109.53	-358.67	1,487.79	219.77	174.05	45.73	4.806	
7,500.00	7,122.58	7,582.09	7,193.23	24.40	24.60	109.14	-359.80	1,600.50	220.45	172.90	47.55	4.636	
7,589.67	7,128.86	7,681.07	7,196.88	25.39	25.67	108.29	-359.92	1,699.34	219.91	170.48	49.42	4.449	
7,600.00	7,127.94	7,708.56	7,196.83	25.51	25.97	108.50	-359.91	1,709.71	220.25	170.46	49.79	4.424	
7,700.00	7,127.49	7,808.56	7,196.35	26.66	27.12	108.45	-359.80	1,809.71	220.72	168.72	52.00	4.245	
7,800.00	7,127.05	7,908.56	7,195.88	27.87	28.33	108.40	-359.70	1,909.71	221.19	166.87	54.32	4.072	
7,900.00	7,126.60	8,008.57	7,195.40	29.13	29.58	108.35	-359.60	2,009.70	221.66	164.93	56.73	3.907	
8,000.00	7,126.16	8,108.57	7,194.93	30.43	30.87	108.31	-359.50	2,109.70	222.13	162.90	59.23	3.750	
8,100.00	7,125.71	8,208.57	7,194.45	31.76	32.20	108.26	-359.39	2,209.70	222.60	160.81	61.79	3.602	
8,200.00	7,125.26	8,308.57	7,193.98	33.12	33.55	108.21	-359.29	2,309.70	223.07	158.65	64.42	3.463	
8,300.00	7,124.82	8,408.57	7,193.50	34.52	34.94	108.16	-359.19	2,409.69	223.54	156.44	67.10	3.331	
8,400.00	7,124.37	8,508.57	7,193.02	35.93	36.35	108.11	-359.09	2,509.69	224.01	154.17	69.84	3.208	
8,500.00	7,123.92	8,608.57	7,192.55	37.37	37.79	108.07	-358.98	2,609.69	224.48	151.87	72.61	3.091	
8,600.00	7,123.48	8,708.57	7,192.07	38.82	39.24	108.02	-358.88	2,709.69	224.95	149.52	75.43	2.982	
8,700.00	7,123.03	8,808.58	7,191.60	40.30	40.71	107.97	-358.78	2,809.68	225.42	147.14	78.28	2.880	
8,800.00	7,122.59	8,908.58	7,191.12	41.79	42.19	107.93	-358.68	2,909.68	225.90	144.73	81.16	2.783	
8,900.00	7,122.14	9,008.58	7,190.65	43.29	43.69	107.88	-358.57	3,009.68	226.37	142.29	84.07	2.692	
9,000.00	7,121.69	9,108.58	7,190.17	44.80	45.20	107.84	-358.47	3,109.68	226.84	139.83	87.01	2.607	
9,100.00	7,121.25	9,208.58	7,189.70	46.33	46.73	107.79	-358.37	3,209.67	227.31	137.34	89.97	2.527	
9,200.00	7,120.80	9,308.58	7,189.22	47.86	48.26	107.74	-358.26	3,309.67	227.78	134.83	92.95	2.451	
9,300.00	7,120.35	9,408.58	7,188.74	49.40	49.80	107.70	-358.16	3,409.67	228.25	132.30	95.95	2.379	
9,400.00	7,119.91	9,508.58	7,188.27	50.96	51.35	107.65	-358.06	3,509.67	228.73	129.76	98.97	2.311	
9,500.00	7,119.46	9,608.59	7,187.79	52.52	52.91	107.61	-357.96	3,609.66	229.20	127.20	102.00	2.247	
9,600.00	7,119.02	9,708.59	7,187.32	54.08	54.47	107.56	-357.85	3,709.66	229.67	124.63	105.04	2.186	
9,700.00	7,118.57	9,808.59	7,186.84	55.65	56.04	107.52	-357.75	3,809.66	230.14	122.04	108.11	2.129	
9,800.00	7,118.12	9,908.59	7,186.37	57.23	57.62	107.47	-357.65	3,909.66	230.61	119.44	111.18	2.074	
9,900.00	7,117.68	9,991.41	7,185.89	58.81	58.93	107.43	-357.55	4,009.65	231.09	117.09	114.00	2.027	
10,000.00	7,117.23	10,108.59	7,185.42	60.40	60.79	107.38	-357.44	4,109.65	231.56	114.20	117.36	1.973	
10,100.00	7,116.78	10,191.41	7,184.94	61.99	62.10	107.34	-357.34	4,209.65	232.03	111.84	120.20	1.930	
10,200.00	7,116.34	10,308.60	7,184.47	63.59	63.97	107.30	-357.24	4,309.65	232.51	108.93	123.58	1.881	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
10,300.00	7,115.89	10,408.60	7,183.99	65.19	65.57	107.25	-357.14	4,409.65	232.98	106.28	126.70	1.839	
10,400.00	7,115.44	10,508.60	7,183.51	66.80	67.17	107.21	-357.03	4,509.64	233.45	103.62	129.83	1.798	
10,500.00	7,115.00	10,608.60	7,183.04	68.40	68.78	107.16	-356.93	4,609.64	233.93	100.96	132.97	1.759	
10,600.00	7,114.55	10,708.60	7,182.56	70.01	70.39	107.12	-356.83	4,709.64	234.40	98.29	136.12	1.722	
10,700.00	7,114.11	10,808.60	7,182.09	71.63	72.00	107.08	-356.72	4,809.64	234.87	95.61	139.27	1.686	
10,800.00	7,113.66	10,908.60	7,181.61	73.24	73.62	107.04	-356.62	4,909.63	235.35	92.92	142.43	1.652	
10,900.00	7,113.21	11,008.60	7,181.14	74.86	75.23	106.99	-356.52	5,009.63	235.82	90.23	145.59	1.620	
11,000.00	7,112.77	11,108.61	7,180.66	76.48	76.85	106.95	-356.42	5,109.63	236.30	87.54	148.76	1.588	
11,100.00	7,112.32	11,208.61	7,180.19	78.10	78.47	106.91	-356.31	5,209.63	236.77	84.84	151.94	1.558	
11,200.00	7,111.87	11,308.61	7,179.71	79.73	80.10	106.87	-356.21	5,309.62	237.25	82.13	155.12	1.529	
11,300.00	7,111.43	11,408.61	7,179.24	81.35	81.72	106.82	-356.11	5,409.62	237.72	79.42	158.30	1.502	
11,400.00	7,110.98	11,508.61	7,178.76	82.98	83.35	106.78	-356.01	5,509.62	238.19	76.71	161.49	1.475 Level 3	
11,500.00	7,110.54	11,608.61	7,178.28	84.61	84.98	106.74	-355.90	5,609.62	238.67	73.99	164.68	1.449 Level 3	
11,600.00	7,110.09	11,708.61	7,177.81	86.24	86.61	106.70	-355.80	5,709.61	239.14	71.27	167.88	1.425 Level 3	
11,700.00	7,109.64	11,808.61	7,177.33	87.88	88.25	106.66	-355.70	5,809.61	239.62	68.54	171.08	1.401 Level 3	
11,800.00	7,109.20	11,908.62	7,176.86	89.51	89.88	106.62	-355.59	5,909.61	240.10	65.81	174.29	1.378 Level 3	
11,900.00	7,108.75	12,008.62	7,176.38	91.15	91.52	106.58	-355.49	6,009.61	240.57	63.08	177.49	1.355 Level 3	
12,000.00	7,108.30	12,108.62	7,175.91	92.79	93.15	106.53	-355.39	6,109.60	241.05	60.34	180.71	1.334 Level 3	
12,100.00	7,107.86	12,208.62	7,175.43	94.42	94.79	106.49	-355.29	6,209.60	241.52	57.60	183.92	1.313 Level 3	
12,200.00	7,107.41	12,308.62	7,174.96	96.06	96.43	106.45	-355.18	6,309.60	242.00	54.86	187.14	1.293 Level 3	
12,300.00	7,106.96	12,408.62	7,174.48	97.70	98.07	106.41	-355.08	6,409.60	242.47	52.11	190.36	1.274 Level 3	
12,400.00	7,106.52	12,508.62	7,174.00	99.35	99.71	106.37	-354.98	6,509.59	242.95	49.36	193.58	1.255 Level 3	
12,500.00	7,106.07	12,608.62	7,173.53	100.99	101.36	106.33	-354.88	6,609.59	243.43	46.61	196.81	1.237 Level 2	
12,600.00	7,105.63	12,708.63	7,173.05	102.63	103.00	106.29	-354.77	6,709.59	243.90	43.86	200.04	1.219 Level 2	
12,700.00	7,105.18	12,808.63	7,172.58	104.28	104.64	106.25	-354.67	6,809.59	244.38	41.11	203.27	1.202 Level 2	
12,800.00	7,104.73	12,908.63	7,172.10	105.92	106.29	106.21	-354.57	6,909.58	244.85	38.35	206.51	1.186 Level 2	
12,900.00	7,104.29	13,008.63	7,171.63	107.57	107.94	106.17	-354.47	7,009.58	245.33	35.59	209.74	1.170 Level 2	
13,000.00	7,103.84	13,108.63	7,171.15	109.22	109.58	106.13	-354.36	7,109.58	245.81	32.83	212.98	1.154 Level 2	
13,100.00	7,103.39	13,208.63	7,170.68	110.86	111.23	106.10	-354.26	7,209.58	246.28	30.06	216.22	1.139 Level 2	
13,200.00	7,102.95	13,308.63	7,170.20	112.51	112.88	106.06	-354.16	7,309.57	246.76	27.30	219.47	1.124 Level 2	
13,300.00	7,102.50	13,408.63	7,169.73	114.16	114.53	106.02	-354.05	7,409.57	247.24	24.53	222.71	1.110 Level 2	
13,400.00	7,102.06	13,508.64	7,169.25	115.81	116.18	105.98	-353.95	7,509.57	247.72	21.76	225.96	1.096 Level 2	
13,500.00	7,101.61	13,608.64	7,168.77	117.46	117.83	105.94	-353.85	7,609.57	248.19	18.99	229.21	1.083 Level 2	
13,600.00	7,101.16	13,691.36	7,168.30	119.11	119.20	105.90	-353.75	7,709.56	248.67	16.49	232.18	1.071 Level 2	
13,700.00	7,100.72	13,808.64	7,167.82	120.77	121.13	105.86	-353.64	7,809.56	249.15	13.44	235.71	1.057 Level 2	
13,800.00	7,100.27	13,908.64	7,167.35	122.42	122.78	105.83	-353.54	7,909.56	249.63	10.66	238.97	1.045 Level 2	
13,900.00	7,099.82	14,008.64	7,166.87	124.07	124.44	105.79	-353.44	8,009.56	250.10	7.88	242.22	1.033 Level 2	
14,000.00	7,099.38	14,108.64	7,166.40	125.72	126.09	105.75	-353.34	8,109.55	250.58	5.10	245.48	1.021 Level 2	
14,100.00	7,098.93	14,208.64	7,165.92	127.38	127.75	105.71	-353.23	8,209.55	251.06	2.32	248.74	1.009 Level 2	
14,200.00	7,098.49	14,308.65	7,165.45	129.03	129.40	105.67	-353.13	8,309.55	251.54	-0.46	252.00	0.998 Level 1	
14,300.00	7,098.04	14,408.65	7,164.97	130.69	131.05	105.64	-353.03	8,409.55	252.01	-3.25	255.26	0.987 Level 1	
14,400.00	7,097.59	14,508.65	7,164.49	132.34	132.71	105.60	-352.93	8,509.54	252.49	-6.03	258.53	0.977 Level 1	
14,500.00	7,097.15	14,608.65	7,164.02	134.00	134.37	105.56	-352.82	8,609.54	252.97	-8.82	261.79	0.966 Level 1	
14,600.00	7,096.70	14,708.65	7,163.54	135.65	136.02	105.53	-352.72	8,709.54	253.45	-11.61	265.06	0.956 Level 1	
14,700.00	7,096.25	14,808.65	7,163.07	137.31	137.68	105.49	-352.62	8,809.54	253.93	-14.40	268.33	0.946 Level 1	
14,800.00	7,095.81	14,908.65	7,162.59	138.97	139.34	105.45	-352.51	8,909.53	254.41	-17.19	271.60	0.937 Level 1	
14,900.00	7,095.36	15,008.66	7,162.12	140.63	140.99	105.42	-352.41	9,009.53	254.89	-19.98	274.87	0.927 Level 1	
15,000.00	7,094.91	15,108.66	7,161.64	142.28	142.65	105.38	-352.31	9,109.53	255.36	-22.77	278.14	0.918 Level 1	
15,100.00	7,094.47	15,208.66	7,161.17	143.94	144.31	105.34	-352.21	9,209.53	255.84	-25.57	281.41	0.909 Level 1	
15,200.00	7,094.02	15,308.66	7,160.69	145.60	145.97	105.31	-352.10	9,309.52	256.32	-28.36	284.69	0.900 Level 1	
15,300.00	7,093.58	15,408.66	7,160.22	147.26	147.63	105.27	-352.00	9,409.52	256.80	-31.16	287.96	0.892 Level 1	
15,400.00	7,093.13	15,508.66	7,159.74	148.92	149.28	105.23	-351.90	9,509.52	257.28	-33.96	291.24	0.883 Level 1	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,092.68	15,608.66	7,159.26	150.58	150.94	105.20	-351.80	9,609.52	257.76	-36.76	294.52	0.875	Level 1
15,600.00	7,092.24	15,708.66	7,158.79	152.23	152.60	105.16	-351.69	9,709.51	258.24	-39.56	297.80	0.867	Level 1
15,700.00	7,091.79	15,808.67	7,158.31	153.89	154.26	105.13	-351.59	9,809.51	258.72	-42.36	301.08	0.859	Level 1
15,800.00	7,091.34	15,908.67	7,157.84	155.55	155.92	105.09	-351.49	9,909.51	259.20	-45.16	304.36	0.852	Level 1
15,900.00	7,090.90	16,008.67	7,157.36	157.21	157.58	105.06	-351.38	10,009.51	259.68	-47.96	307.64	0.844	Level 1
16,000.00	7,090.45	16,108.67	7,156.89	158.87	159.24	105.02	-351.28	10,109.50	260.16	-50.76	310.92	0.837	Level 1
16,100.00	7,090.01	16,208.67	7,156.41	160.54	160.91	104.99	-351.18	10,209.50	260.64	-53.57	314.21	0.830	Level 1
16,200.00	7,089.56	16,308.67	7,155.94	162.20	162.57	104.95	-351.08	10,309.50	261.12	-56.37	317.49	0.822	Level 1
16,300.00	7,089.11	16,408.67	7,155.46	163.86	164.23	104.92	-350.97	10,409.50	261.60	-59.18	320.78	0.816	Level 1
16,400.00	7,088.67	16,508.67	7,154.99	165.52	165.89	104.88	-350.87	10,509.50	262.08	-61.99	324.07	0.809	Level 1
16,500.00	7,088.22	16,608.68	7,154.51	167.18	167.55	104.85	-350.77	10,609.49	262.56	-64.79	327.35	0.802	Level 1
16,600.00	7,087.77	16,708.68	7,154.03	168.84	169.21	104.81	-350.67	10,709.49	263.04	-67.60	330.64	0.796	Level 1
16,700.00	7,087.33	16,808.68	7,153.56	170.50	170.88	104.78	-350.56	10,809.49	263.52	-70.41	333.93	0.789	Level 1
16,800.00	7,086.88	16,908.68	7,153.08	172.17	172.54	104.75	-350.46	10,909.49	264.00	-73.22	337.22	0.783	Level 1
16,900.00	7,086.43	17,008.68	7,152.61	173.83	174.20	104.71	-350.36	11,009.48	264.48	-76.03	340.51	0.777	Level 1
17,000.00	7,085.99	17,108.68	7,152.13	175.49	175.86	104.68	-350.26	11,109.48	264.96	-78.84	343.81	0.771	Level 1
17,100.00	7,085.54	17,191.32	7,151.66	177.15	177.24	104.64	-350.15	11,209.48	265.44	-81.37	346.82	0.765	Level 1
17,200.00	7,085.10	17,308.68	7,151.18	178.82	179.19	104.61	-350.05	11,309.48	265.92	-84.47	350.39	0.759	Level 1
17,300.00	7,084.65	17,408.69	7,150.71	180.48	180.85	104.58	-349.95	11,409.47	266.41	-87.28	353.69	0.753	Level 1
17,400.00	7,084.20	17,508.69	7,150.23	182.14	182.52	104.54	-349.84	11,509.47	266.89	-90.10	356.98	0.748	Level 1
17,500.00	7,083.76	17,591.31	7,149.75	183.81	183.89	104.51	-349.74	11,609.47	267.37	-92.63	360.00	0.743	Level 1
17,600.00	7,083.31	17,708.69	7,149.28	185.47	185.85	104.48	-349.64	11,709.47	267.85	-95.73	363.58	0.737	Level 1
17,700.00	7,082.86	17,808.69	7,148.80	187.13	187.51	104.44	-349.54	11,809.46	268.33	-98.54	366.87	0.731	Level 1
17,800.00	7,082.42	17,891.31	7,148.33	188.80	188.88	104.41	-349.43	11,909.46	268.81	-101.08	369.89	0.727	Level 1
17,900.00	7,081.97	17,991.31	7,147.85	190.46	190.55	104.38	-349.33	12,009.46	269.29	-103.89	373.19	0.722	Level 1
17,904.12	7,081.95	18,004.58	7,147.83	190.53	190.77	104.38	-349.33	12,013.57	269.31	-104.16	373.47	0.721	Level 1, ES, SF
17,993.68	7,081.55	18,060.31	7,147.52	192.02	191.70	104.36	-349.26	12,078.46	270.87	-103.96	374.83	0.723	Level 1

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	0.36	-40.09	40.09				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.36	-40.09	40.09	32.56	7.53	5.325	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.36	-40.09	40.09	32.52	7.57	5.294 CC	
300.00	299.99	300.01	299.99	3.35	3.35	173.11	0.36	-40.09	41.20	33.54	7.66	5.378	
400.00	399.88	400.12	399.88	3.41	3.42	173.78	0.36	-40.09	45.71	37.92	7.79	5.866	
500.00	499.55	500.45	499.55	3.50	3.50	174.69	0.36	-40.09	53.69	45.72	7.97	6.738	
600.00	598.89	601.11	598.89	3.61	3.61	175.61	0.36	-40.09	65.14	56.95	8.19	7.957	
700.00	697.76	702.24	697.76	3.76	3.74	176.41	0.36	-40.09	80.06	71.61	8.45	9.478	
800.00	796.26	803.74	796.26	3.95	3.88	177.04	0.36	-40.09	97.24	88.50	8.74	11.123	
900.00	894.76	905.24	894.76	4.17	4.03	177.49	0.36	-40.09	114.49	105.42	9.06	12.634	
1,000.00	993.26	1,006.74	993.26	4.40	4.20	177.82	0.36	-40.09	131.73	122.32	9.41	13.998	
1,100.00	1,091.76	1,091.76	1,091.76	4.66	4.35	178.07	0.36	-40.09	148.98	139.23	9.76	15.272	
1,200.00	1,190.26	1,195.66	1,195.64	4.94	4.54	178.40	0.53	-38.50	164.76	154.62	10.14	16.250	
1,300.00	1,288.76	1,301.04	1,300.88	5.23	4.72	178.93	1.10	-33.08	177.02	166.49	10.53	16.809	
1,400.00	1,387.26	1,407.20	1,406.61	5.53	4.93	179.67	2.08	-23.73	185.71	174.77	10.94	16.979	
1,500.00	1,485.76	1,513.84	1,512.40	5.84	5.15	-179.38	3.48	-10.42	190.83	179.47	11.36	16.802	
1,600.00	1,584.26	1,620.67	1,617.81	6.16	5.40	-178.17	5.30	6.84	192.40	180.61	11.79	16.317	
1,700.00	1,682.75	1,727.41	1,722.40	6.49	5.68	-176.64	7.52	27.96	190.47	178.23	12.24	15.565	
1,800.00	1,781.25	1,827.42	1,820.00	6.83	5.93	-174.99	9.80	49.69	186.78	174.25	12.53	14.907	
1,900.00	1,879.75	1,927.20	1,917.37	7.01	6.06	-173.29	12.08	71.37	183.25	170.69	12.55	14.598	
2,000.00	1,978.25	2,026.99	2,014.75	7.05	6.10	-171.51	14.36	93.06	179.88	167.28	12.60	14.272	
2,100.00	2,076.75	2,126.77	2,112.12	7.11	6.17	-169.67	16.64	114.74	176.70	164.01	12.69	13.920	
2,200.00	2,175.25	2,226.56	2,209.50	7.18	6.25	-167.77	18.92	136.42	173.71	160.88	12.82	13.548	
2,300.00	2,273.75	2,326.34	2,306.87	7.27	6.36	-165.80	21.19	158.10	170.91	157.92	12.99	13.160	
2,400.00	2,372.25	2,426.13	2,404.24	7.37	6.49	-163.77	23.47	179.78	168.32	155.13	13.19	12.761	
2,500.00	2,470.75	2,525.91	2,501.62	7.49	6.64	-161.67	25.75	201.47	165.96	152.53	13.43	12.357	
2,600.00	2,569.25	2,625.70	2,598.99	7.62	6.81	-159.52	28.03	223.15	163.82	150.11	13.71	11.952	
2,700.00	2,667.74	2,725.48	2,696.37	7.76	6.99	-157.32	30.31	244.83	161.92	147.90	14.02	11.551	
2,800.00	2,766.24	2,825.27	2,793.74	7.92	7.19	-155.07	32.59	266.51	160.26	145.90	14.36	11.159	
2,900.00	2,864.74	2,925.05	2,891.12	8.08	7.40	-152.77	34.87	288.19	158.86	144.12	14.74	10.778	
3,000.00	2,963.24	3,024.84	2,988.49	8.26	7.62	-150.44	37.15	309.88	157.72	142.57	15.15	10.412	
3,100.00	3,061.74	3,124.62	3,085.86	8.45	7.85	-148.08	39.43	331.56	156.84	141.26	15.58	10.064	
3,200.00	3,160.24	3,224.41	3,183.24	8.65	8.10	-145.69	41.70	353.24	156.23	140.18	16.05	9.734	
3,300.00	3,258.74	3,324.19	3,280.61	8.85	8.36	-143.29	43.98	374.92	155.90	139.36	16.54	9.425	
3,370.62	3,328.30	3,405.34	3,349.38	9.01	8.57	-141.60	45.59	390.23	155.83	138.91	16.93	9.206	
3,400.00	3,357.24	3,423.98	3,377.99	9.07	8.62	-140.89	46.26	396.60	155.85	138.79	17.06	9.137	
3,500.00	3,455.74	3,523.76	3,475.36	9.29	8.89	-138.49	48.54	418.29	156.06	138.47	17.59	8.871	
3,600.00	3,554.23	3,623.55	3,572.73	9.52	9.17	-136.10	50.82	439.97	156.56	138.41	18.15	8.626	
3,700.00	3,652.73	3,723.33	3,670.11	9.76	9.46	-133.72	53.10	461.65	157.32	138.60	18.73	8.402	
3,800.00	3,751.23	3,823.12	3,767.48	10.00	9.75	-131.38	55.38	483.33	158.36	139.04	19.32	8.198	
3,900.00	3,849.73	3,922.90	3,864.86	10.25	10.05	-129.07	57.66	505.01	159.65	139.73	19.92	8.014	
4,000.00	3,948.23	4,022.69	3,962.23	10.50	10.35	-126.80	59.94	526.70	161.20	140.66	20.54	7.848	
4,100.00	4,046.73	4,122.47	4,059.60	10.76	10.66	-124.57	62.21	548.38	163.00	141.84	21.17	7.700	
4,200.00	4,145.23	4,222.26	4,156.98	11.02	10.97	-122.40	64.49	570.06	165.05	143.24	21.81	7.569	
4,300.00	4,243.73	4,322.04	4,254.35	11.29	11.29	-120.28	66.77	591.74	167.32	144.87	22.45	7.452	
4,400.00	4,342.23	4,421.83	4,351.73	11.56	11.60	-118.23	69.05	613.42	169.82	146.71	23.10	7.350	
4,500.00	4,440.72	4,521.61	4,449.10	11.84	11.93	-116.23	71.33	635.11	172.53	148.77	23.76	7.261	
4,600.00	4,539.22	4,621.40	4,546.48	12.12	12.25	-114.30	73.61	656.79	175.44	151.02	24.42	7.184	
4,700.00	4,637.72	4,721.18	4,643.85	12.40	12.58	-112.43	75.89	678.47	178.55	153.46	25.08	7.118	
4,800.00	4,736.22	4,820.97	4,741.22	12.69	12.91	-110.63	78.17	700.15	181.84	156.09	25.75	7.061	
4,900.00	4,834.72	4,920.75	4,838.60	12.97	13.25	-108.90	80.44	721.83	185.30	158.88	26.42	7.014	
5,000.00	4,933.22	5,020.54	4,935.97	13.26	13.58	-107.23	82.72	743.51	188.93	161.84	27.09	6.974	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.72	5,120.32	5,033.35	13.56	13.92	-105.62	85.00	765.20	192.71	164.95	27.76	6.942	
5,200.00	5,130.22	5,220.10	5,130.72	13.85	14.26	-104.07	87.28	786.88	196.64	168.21	28.43	6.916	
5,300.00	5,228.72	5,319.89	5,228.09	14.15	14.60	-102.59	89.56	808.56	200.71	171.60	29.10	6.896	
5,400.00	5,327.21	5,419.67	5,325.47	14.45	14.94	-101.17	91.84	830.24	204.90	175.12	29.78	6.881	
5,500.00	5,425.71	5,519.46	5,422.84	14.75	15.29	-99.80	94.12	851.92	209.22	178.77	30.45	6.871	
5,600.00	5,524.21	5,619.24	5,520.22	15.05	15.63	-98.49	96.40	873.61	213.65	182.52	31.12	6.865	
5,700.00	5,622.71	5,719.03	5,617.59	15.36	15.98	-97.24	98.68	895.29	218.18	186.39	31.79	6.862	
5,800.00	5,721.21	5,818.81	5,714.97	15.67	16.33	-96.03	100.95	916.97	222.82	190.35	32.47	6.863	
5,900.00	5,819.71	5,918.60	5,812.34	15.97	16.68	-94.88	103.23	938.65	227.55	194.41	33.14	6.867	
6,000.00	5,918.21	6,018.38	5,909.71	16.28	17.03	-93.77	105.51	960.33	232.37	198.56	33.81	6.873	
6,100.00	6,016.71	6,118.17	6,007.09	16.59	17.38	-92.71	107.79	982.02	237.28	202.79	34.48	6.881	
6,200.00	6,115.21	6,217.95	6,104.46	16.91	17.73	-91.69	110.07	1,003.70	242.26	207.10	35.16	6.891	
6,300.00	6,213.70	6,317.74	6,201.84	17.22	18.09	-90.71	112.35	1,025.38	247.31	211.49	35.83	6.903	
6,400.00	6,312.20	6,417.52	6,299.21	17.53	18.44	-89.78	114.63	1,047.06	252.44	215.94	36.50	6.916	
6,500.00	6,410.70	6,517.31	6,396.58	17.85	18.80	-88.88	116.91	1,068.74	257.63	220.45	37.17	6.931	
6,600.00	6,509.20	6,617.09	6,493.96	18.17	19.15	-88.01	119.18	1,090.43	262.88	225.03	37.85	6.946	
6,700.00	6,607.69	6,709.70	6,582.59	18.48	19.54	-85.31	121.21	1,116.93	269.47	230.95	38.52	6.996	
6,800.00	6,704.15	6,799.56	6,664.04	18.86	20.02	-78.22	122.99	1,154.66	277.54	238.28	39.26	7.069	
6,900.00	6,795.38	6,887.65	6,737.95	19.35	20.59	-73.83	124.50	1,202.42	285.53	245.41	40.13	7.116	
7,000.00	6,879.12	6,974.27	6,803.54	19.94	21.24	-70.57	125.75	1,258.89	292.98	251.89	41.09	7.130	
7,100.00	6,953.32	7,059.69	6,860.13	20.64	21.97	-68.09	126.73	1,322.78	299.50	257.35	42.15	7.105	
7,200.00	7,016.16	7,144.19	6,907.21	21.44	22.78	-66.24	127.42	1,392.88	304.76	261.43	43.32	7.034	
7,300.00	7,066.07	7,228.01	6,944.34	22.34	23.66	-64.96	127.84	1,467.96	308.51	263.89	44.62	6.914	
7,400.00	7,101.84	7,311.39	6,971.18	23.34	24.58	-64.20	127.97	1,546.83	310.58	264.52	46.05	6.744	
7,500.00	7,122.58	7,394.55	6,987.47	24.40	25.55	-63.95	127.82	1,628.32	310.86	263.23	47.63	6.527	
7,600.00	7,127.94	7,477.71	6,993.00	25.51	26.53	-64.14	127.39	1,711.24	309.41	260.07	49.35	6.270	
7,700.00	7,127.49	7,576.89	6,992.52	26.66	27.75	-64.03	126.70	1,810.42	308.26	256.79	51.47	5.990	
7,800.00	7,127.05	7,676.89	6,992.03	27.87	29.01	-63.92	126.01	1,910.40	307.11	253.42	53.69	5.720	
7,900.00	7,126.60	7,776.88	6,991.53	29.13	30.31	-63.80	125.32	2,010.39	305.96	249.97	55.99	5.464	
8,000.00	7,126.16	7,876.87	6,991.04	30.43	31.65	-63.69	124.62	2,110.38	304.82	246.45	58.37	5.223	
8,100.00	7,125.71	7,976.86	6,990.54	31.76	33.02	-63.57	123.93	2,210.37	303.68	242.88	60.80	4.995	
8,200.00	7,125.26	8,076.85	6,990.05	33.12	34.42	-63.45	123.24	2,310.35	302.53	239.25	63.28	4.780	
8,300.00	7,124.82	8,176.84	6,989.55	34.52	35.84	-63.33	122.54	2,410.34	301.39	235.57	65.82	4.579	
8,400.00	7,124.37	8,276.83	6,989.06	35.93	37.28	-63.21	121.85	2,510.33	300.25	231.86	68.39	4.390	
8,500.00	7,123.92	8,376.83	6,988.56	37.37	38.74	-63.09	121.16	2,610.32	299.11	228.12	71.00	4.213	
8,600.00	7,123.48	8,476.82	6,988.06	38.82	40.21	-62.97	120.46	2,710.31	297.98	224.34	73.63	4.047	
8,700.00	7,123.03	8,576.81	6,987.57	40.30	41.70	-62.85	119.77	2,810.29	296.84	220.54	76.30	3.891	
8,800.00	7,122.59	8,676.80	6,987.07	41.79	43.21	-62.73	119.08	2,910.28	295.71	216.72	78.98	3.744	
8,900.00	7,122.14	8,776.79	6,986.58	43.29	44.72	-62.60	118.38	3,010.27	294.57	212.88	81.69	3.606	
9,000.00	7,121.69	8,876.78	6,986.08	44.80	46.25	-62.48	117.69	3,110.26	293.44	209.02	84.42	3.476	
9,100.00	7,121.25	8,976.78	6,985.59	46.33	47.79	-62.35	116.99	3,210.25	292.31	205.15	87.16	3.354	
9,200.00	7,120.80	9,076.77	6,985.09	47.86	49.34	-62.22	116.30	3,310.23	291.18	201.27	89.91	3.239	
9,300.00	7,120.35	9,176.76	6,984.60	49.40	50.89	-62.09	115.61	3,410.22	290.05	197.38	92.68	3.130	
9,400.00	7,119.91	9,276.75	6,984.10	50.96	52.45	-61.96	114.91	3,510.21	288.93	193.48	95.45	3.027	
9,500.00	7,119.46	9,376.74	6,983.61	52.52	54.02	-61.83	114.22	3,610.20	287.80	189.57	98.24	2.930	
9,600.00	7,119.02	9,476.73	6,983.11	54.08	55.59	-61.70	113.53	3,710.19	286.68	185.65	101.03	2.838	
9,700.00	7,118.57	9,576.72	6,982.61	55.65	57.17	-61.57	112.83	3,810.17	285.56	181.74	103.82	2.750	
9,800.00	7,118.12	9,676.72	6,982.12	57.23	58.76	-61.44	112.14	3,910.16	284.44	177.81	106.63	2.668	
9,900.00	7,117.68	9,776.71	6,981.62	58.81	60.35	-61.30	111.45	4,010.15	283.32	173.89	109.43	2.589	
10,000.00	7,117.23	9,876.70	6,981.13	60.40	61.94	-61.17	110.75	4,110.14	282.20	169.96	112.24	2.514	
10,100.00	7,116.78	9,976.69	6,980.63	61.99	63.54	-61.03	110.06	4,210.12	281.09	166.04	115.05	2.443	
10,200.00	7,116.34	10,076.68	6,980.14	63.59	65.14	-60.89	109.37	4,310.11	279.98	162.11	117.86	2.375	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,115.89	10,176.67	6,979.64	65.19	66.75	-60.75	108.67	4,410.10	278.86	158.19	120.68	2.311	
10,400.00	7,115.44	10,276.66	6,979.15	66.80	68.36	-60.61	107.98	4,510.09	277.75	154.26	123.49	2.249	
10,500.00	7,115.00	10,376.66	6,978.65	68.40	69.97	-60.47	107.29	4,610.08	276.65	150.34	126.30	2.190	
10,600.00	7,114.55	10,476.65	6,978.16	70.01	71.58	-60.33	106.59	4,710.06	275.54	146.42	129.11	2.134	
10,700.00	7,114.11	10,576.64	6,977.66	71.63	73.20	-60.19	105.90	4,810.05	274.43	142.51	131.93	2.080	
10,800.00	7,113.66	10,676.63	6,977.16	73.24	74.82	-60.04	105.20	4,910.04	273.33	138.60	134.73	2.029	
10,900.00	7,113.21	10,776.62	6,976.67	74.86	76.44	-59.90	104.51	5,010.03	272.23	134.69	137.54	1.979	
11,000.00	7,112.77	10,876.61	6,976.17	76.48	78.07	-59.75	103.82	5,110.02	271.13	130.78	140.34	1.932	
11,100.00	7,112.32	10,976.61	6,975.68	78.10	79.69	-59.60	103.12	5,210.00	270.03	126.89	143.14	1.886	
11,200.00	7,111.87	11,076.60	6,975.18	79.73	81.32	-59.45	102.43	5,309.99	268.93	122.99	145.94	1.843	
11,300.00	7,111.43	11,176.59	6,974.69	81.35	82.95	-59.30	101.74	5,409.98	267.84	119.11	148.73	1.801	
11,400.00	7,110.98	11,276.58	6,974.19	82.98	84.58	-59.15	101.04	5,509.97	266.75	115.23	151.52	1.760	
11,500.00	7,110.54	11,376.57	6,973.70	84.61	86.21	-59.00	100.35	5,609.96	265.66	111.35	154.30	1.722	
11,600.00	7,110.09	11,474.89	6,973.21	86.24	87.82	-58.92	100.32	5,708.27	265.13	108.03	157.10	1.688	
11,700.00	7,109.64	11,574.89	6,972.72	87.88	89.46	-58.85	100.37	5,808.27	264.67	104.70	159.97	1.655	
11,800.00	7,109.20	11,674.89	6,972.22	89.51	91.09	-58.77	100.41	5,908.27	264.22	101.38	162.84	1.623	
11,900.00	7,108.75	11,774.89	6,971.73	91.15	92.73	-58.70	100.45	6,008.27	263.76	98.05	165.71	1.592	
12,000.00	7,108.30	11,874.89	6,971.23	92.79	94.37	-58.63	100.50	6,108.26	263.30	94.73	168.57	1.562	
12,100.00	7,107.86	11,974.88	6,970.74	94.42	96.01	-58.56	100.54	6,208.26	262.85	91.41	171.44	1.533	
12,200.00	7,107.41	12,074.88	6,970.24	96.06	97.65	-58.48	100.59	6,308.26	262.39	88.09	174.30	1.505	
12,300.00	7,106.96	12,174.88	6,969.75	97.70	99.30	-58.41	100.63	6,408.25	261.94	84.78	177.16	1.479 Level 3	
12,400.00	7,106.52	12,274.88	6,969.25	99.35	100.94	-58.34	100.68	6,508.25	261.48	81.46	180.02	1.453 Level 3	
12,500.00	7,106.07	12,374.88	6,968.76	100.99	102.58	-58.26	100.72	6,608.25	261.03	78.15	182.88	1.427 Level 3	
12,600.00	7,105.63	12,474.88	6,968.27	102.63	104.23	-58.19	100.76	6,708.25	260.58	74.84	185.74	1.403 Level 3	
12,700.00	7,105.18	12,574.87	6,967.77	104.28	105.88	-58.11	100.81	6,808.24	260.12	71.53	188.59	1.379 Level 3	
12,800.00	7,104.73	12,674.87	6,967.28	105.92	107.52	-58.04	100.85	6,908.24	259.67	68.22	191.45	1.356 Level 3	
12,900.00	7,104.29	12,774.87	6,966.78	107.57	109.17	-57.96	100.90	7,008.24	259.22	64.92	194.30	1.334 Level 3	
13,000.00	7,103.84	12,874.87	6,966.29	109.22	110.82	-57.89	100.94	7,108.23	258.77	61.62	197.15	1.313 Level 3	
13,100.00	7,103.39	12,974.87	6,965.79	110.86	112.47	-57.81	100.99	7,208.23	258.32	58.32	200.00	1.292 Level 3	
13,200.00	7,102.95	13,074.87	6,965.30	112.51	114.12	-57.74	101.03	7,308.23	257.87	55.03	202.84	1.271 Level 3	
13,300.00	7,102.50	13,174.86	6,964.80	114.16	115.77	-57.66	101.07	7,408.23	257.42	51.73	205.68	1.252 Level 3	
13,400.00	7,102.06	13,274.86	6,964.31	115.81	117.42	-57.59	101.12	7,508.22	256.97	48.44	208.52	1.232 Level 2	
13,500.00	7,101.61	13,374.86	6,963.82	117.46	119.07	-57.51	101.16	7,608.22	256.52	45.16	211.36	1.214 Level 2	
13,600.00	7,101.16	13,474.86	6,963.32	119.11	120.73	-57.43	101.21	7,708.22	256.07	41.87	214.20	1.195 Level 2	
13,700.00	7,100.72	13,574.86	6,962.83	120.77	122.38	-57.36	101.25	7,808.21	255.62	38.59	217.03	1.178 Level 2	
13,800.00	7,100.27	13,674.86	6,962.33	122.42	124.03	-57.28	101.30	7,908.21	255.17	35.31	219.86	1.161 Level 2	
13,900.00	7,099.82	13,774.85	6,961.84	124.07	125.69	-57.20	101.34	8,008.21	254.72	32.04	222.69	1.144 Level 2	
14,000.00	7,099.38	13,874.85	6,961.34	125.72	127.34	-57.12	101.38	8,108.21	254.28	28.77	225.51	1.128 Level 2	
14,100.00	7,098.93	13,974.85	6,960.85	127.38	129.00	-57.04	101.43	8,208.20	253.83	25.50	228.33	1.112 Level 2	
14,200.00	7,098.49	14,074.85	6,960.35	129.03	130.65	-56.97	101.47	8,308.20	253.38	22.24	231.15	1.096 Level 2	
14,300.00	7,098.04	14,174.85	6,959.86	130.69	132.31	-56.89	101.52	8,408.20	252.94	18.98	233.96	1.081 Level 2	
14,400.00	7,097.59	14,274.85	6,959.37	132.34	133.96	-56.81	101.56	8,508.19	252.49	15.72	236.77	1.066 Level 2	
14,500.00	7,097.15	14,374.85	6,958.87	134.00	135.62	-56.73	101.61	8,608.19	252.05	12.47	239.58	1.052 Level 2	
14,600.00	7,096.70	14,474.84	6,958.38	135.65	137.28	-56.65	101.65	8,708.19	251.60	9.22	242.39	1.038 Level 2	
14,700.00	7,096.25	14,574.84	6,957.88	137.31	138.94	-56.57	101.69	8,808.19	251.16	5.97	245.19	1.024 Level 2	
14,800.00	7,095.81	14,674.84	6,957.39	138.97	140.59	-56.49	101.74	8,908.18	250.72	2.73	247.98	1.011 Level 2	
14,900.00	7,095.36	14,774.84	6,956.89	140.63	142.25	-56.41	101.78	9,008.18	250.28	-0.50	250.78	0.998 Level 1	
15,000.00	7,094.91	14,874.84	6,956.40	142.28	143.91	-56.33	101.83	9,108.18	249.83	-3.74	253.57	0.985 Level 1	
15,100.00	7,094.47	14,974.84	6,955.90	143.94	145.57	-56.25	101.87	9,208.17	249.39	-6.97	256.36	0.973 Level 1	
15,200.00	7,094.02	15,074.83	6,955.41	145.60	147.23	-56.17	101.92	9,308.17	248.95	-10.19	259.14	0.961 Level 1	
15,300.00	7,093.58	15,174.83	6,954.92	147.26	148.89	-56.09	101.96	9,408.17	248.51	-13.41	261.92	0.949 Level 1	
15,400.00	7,093.13	15,274.83	6,954.42	148.92	150.55	-56.00	102.00	9,508.17	248.07	-16.63	264.70	0.937 Level 1	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,500.00	7,092.68	15,374.83	6,953.93	150.58	152.21	-55.92	102.05	9,608.16	247.63	-19.84	267.47	0.926	Level 1
15,600.00	7,092.24	15,474.83	6,953.43	152.23	153.87	-55.84	102.09	9,708.16	247.19	-23.05	270.24	0.915	Level 1
15,700.00	7,091.79	15,574.83	6,952.94	153.89	155.53	-55.76	102.14	9,808.16	246.75	-26.25	273.00	0.904	Level 1
15,800.00	7,091.34	15,674.82	6,952.44	155.55	157.19	-55.67	102.18	9,908.15	246.31	-29.45	275.76	0.893	Level 1
15,900.00	7,090.90	15,774.82	6,951.95	157.21	158.85	-55.59	102.23	10,008.15	245.88	-32.64	278.52	0.883	Level 1
16,000.00	7,090.45	15,874.82	6,951.45	158.87	160.51	-55.51	102.27	10,108.15	245.44	-35.83	281.27	0.873	Level 1
16,100.00	7,090.01	15,974.82	6,950.96	160.54	162.17	-55.42	102.31	10,208.15	245.00	-39.02	284.02	0.863	Level 1
16,200.00	7,089.56	16,074.82	6,950.47	162.20	163.84	-55.34	102.36	10,308.14	244.57	-42.20	286.76	0.853	Level 1
16,300.00	7,089.11	16,174.82	6,949.97	163.86	165.50	-55.25	102.40	10,408.14	244.13	-45.37	289.50	0.843	Level 1
16,400.00	7,088.67	16,274.82	6,949.48	165.52	167.16	-55.17	102.45	10,508.14	243.70	-48.54	292.24	0.834	Level 1
16,500.00	7,088.22	16,374.81	6,948.98	167.18	168.82	-55.08	102.49	10,608.14	243.26	-51.71	294.97	0.825	Level 1
16,600.00	7,087.77	16,474.81	6,948.49	168.84	170.49	-55.00	102.54	10,708.13	242.83	-54.87	297.69	0.816	Level 1
16,700.00	7,087.33	16,574.81	6,947.99	170.50	172.15	-54.91	102.58	10,808.13	242.39	-58.02	300.42	0.807	Level 1
16,800.00	7,086.88	16,674.81	6,947.50	172.17	173.81	-54.83	102.62	10,908.13	241.96	-61.17	303.13	0.798	Level 1
16,900.00	7,086.43	16,774.81	6,947.00	173.83	175.47	-54.74	102.67	11,008.12	241.53	-64.32	305.85	0.790	Level 1
17,000.00	7,085.99	16,874.81	6,946.51	175.49	177.14	-54.65	102.71	11,108.12	241.10	-67.46	308.56	0.781	Level 1
17,100.00	7,085.54	16,974.80	6,946.02	177.15	178.80	-54.57	102.76	11,208.12	240.67	-70.59	311.26	0.773	Level 1
17,200.00	7,085.10	17,074.80	6,945.52	178.82	180.46	-54.48	102.80	11,308.12	240.24	-73.72	313.96	0.765	Level 1
17,300.00	7,084.65	17,174.80	6,945.03	180.48	182.13	-54.39	102.85	11,408.11	239.80	-76.85	316.65	0.757	Level 1
17,400.00	7,084.20	17,274.80	6,944.53	182.14	183.79	-54.30	102.89	11,508.11	239.38	-79.97	319.34	0.750	Level 1
17,500.00	7,083.76	17,374.80	6,944.04	183.81	185.46	-54.22	102.93	11,608.11	238.95	-83.08	322.03	0.742	Level 1
17,600.00	7,083.31	17,474.80	6,943.54	185.47	187.12	-54.13	102.98	11,708.10	238.52	-86.19	324.71	0.735	Level 1
17,700.00	7,082.86	17,574.79	6,943.05	187.13	188.79	-54.04	103.02	11,808.10	238.09	-89.29	327.38	0.727	Level 1
17,800.00	7,082.42	17,674.79	6,942.55	188.80	190.45	-53.95	103.07	11,908.10	237.66	-92.39	330.06	0.720	Level 1
17,900.00	7,081.97	17,774.79	6,942.06	190.46	192.12	-53.86	103.11	12,008.10	237.24	-95.48	332.72	0.713	Level 1
17,993.68	7,081.55	17,868.47	6,941.60	192.02	193.68	-53.78	103.15	12,101.77	236.84	-98.38	335.21	0.707	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	1.00	1.00	3.28	3.28	-89.48	0.73	-79.90	79.91				
100.00	100.00	101.00	101.00	3.28	3.28	-89.48	0.73	-79.90	79.91	72.38	7.53	10.613	
200.00	200.00	201.03	201.03	3.31	3.31	-89.48	0.73	-79.90	79.91	72.33	7.57	10.550	
300.00	299.99	303.70	303.68	3.35	3.35	173.49	1.35	-78.13	79.30	71.64	7.66	10.354	
400.00	399.88	406.31	406.13	3.41	3.42	175.28	3.19	-72.90	78.77	71.00	7.78	10.130	
497.84	497.41	506.60	506.01	3.50	3.52	178.23	6.15	-64.44	78.55	70.62	7.93	9.907 CC	
500.00	499.55	508.80	508.21	3.50	3.52	178.31	6.23	-64.21	78.55	70.62	7.93	9.902 ES	
600.00	598.89	611.14	609.73	3.61	3.64	-177.46	10.48	-52.11	78.90	70.77	8.13	9.700	
700.00	697.76	713.28	710.54	3.76	3.80	-172.17	15.91	-36.63	80.16	71.77	8.39	9.559	
800.00	796.26	814.64	809.95	3.95	4.01	-165.92	22.44	-18.02	81.63	72.93	8.71	9.377	
900.00	894.76	914.20	907.41	4.17	4.24	-159.57	29.18	1.21	83.36	74.26	9.11	9.153	
1,000.00	993.26	1,013.77	1,004.87	4.40	4.50	-153.55	35.93	20.44	86.08	76.51	9.57	8.995	
1,100.00	1,091.76	1,113.33	1,102.32	4.66	4.79	-147.96	42.67	39.67	89.68	79.60	10.09	8.892	
1,200.00	1,190.26	1,212.89	1,199.78	4.94	5.09	-142.83	49.42	58.90	94.08	83.43	10.65	8.833	
1,300.00	1,288.76	1,312.46	1,297.23	5.23	5.41	-138.20	56.16	78.13	99.16	87.90	11.26	8.808	
1,400.00	1,387.26	1,412.02	1,394.69	5.53	5.74	-134.04	62.91	97.35	104.83	92.93	11.90	8.811	
1,500.00	1,485.76	1,511.58	1,492.15	5.84	6.09	-130.32	69.65	116.58	110.99	98.43	12.56	8.834	
1,600.00	1,584.26	1,611.15	1,589.60	6.16	6.44	-127.00	76.40	135.81	117.58	104.33	13.25	8.873	
1,700.00	1,682.75	1,710.71	1,687.06	6.49	6.80	-124.04	83.14	155.04	124.51	110.56	13.96	8.922	
1,800.00	1,781.25	1,810.27	1,784.51	6.83	7.15	-121.40	89.89	174.27	131.74	117.09	14.65	8.990	
1,900.00	1,879.75	1,909.84	1,881.97	7.01	7.34	-119.04	96.63	193.50	139.22	124.55	14.67	9.490	
2,000.00	1,978.25	2,009.40	1,979.43	7.05	7.38	-116.92	103.38	212.73	146.92	132.13	14.79	9.935	
2,100.00	2,076.75	2,108.97	2,076.88	7.11	7.45	-115.01	110.12	231.96	154.79	139.86	14.93	10.365	
2,200.00	2,175.25	2,208.53	2,174.34	7.18	7.53	-113.29	116.87	251.18	162.82	147.71	15.11	10.778	
2,300.00	2,273.75	2,308.09	2,271.80	7.27	7.63	-111.73	123.61	270.41	170.98	155.67	15.31	11.170	
2,400.00	2,372.25	2,407.66	2,369.25	7.37	7.75	-110.31	130.36	289.64	179.25	163.72	15.54	11.539	
2,500.00	2,470.75	2,507.22	2,466.71	7.49	7.88	-109.02	137.10	308.87	187.63	171.84	15.79	11.883	
2,600.00	2,569.25	2,606.78	2,564.16	7.62	8.02	-107.84	143.85	328.10	196.09	180.02	16.07	12.204	
2,700.00	2,667.74	2,706.35	2,661.62	7.76	8.18	-106.76	150.59	347.33	204.62	188.25	16.37	12.498	
2,800.00	2,766.24	2,805.91	2,759.08	7.92	8.35	-105.77	157.34	366.56	213.22	196.52	16.70	12.768	
2,900.00	2,864.74	2,905.47	2,856.53	8.08	8.53	-104.85	164.08	385.78	221.89	204.84	17.05	13.015	
3,000.00	2,963.24	3,005.04	2,953.99	8.26	8.72	-104.00	170.83	405.01	230.60	213.18	17.42	13.238	
3,100.00	3,061.74	3,104.60	3,051.44	8.45	8.92	-103.22	177.57	424.24	239.36	221.55	17.81	13.440	
3,200.00	3,160.24	3,204.17	3,148.90	8.65	9.14	-102.48	184.32	443.47	248.16	229.94	18.22	13.622	
3,300.00	3,258.74	3,303.73	3,246.36	8.85	9.36	-101.80	191.06	462.70	257.00	238.36	18.64	13.785	
3,400.00	3,357.24	3,403.29	3,343.81	9.07	9.59	-101.17	197.81	481.93	265.88	246.79	19.09	13.931	
3,500.00	3,455.74	3,502.86	3,441.27	9.29	9.82	-100.57	204.55	501.16	274.78	255.24	19.54	14.061	
3,600.00	3,554.23	3,602.42	3,538.72	9.52	10.07	-100.02	211.30	520.39	283.71	263.70	20.01	14.176	
3,700.00	3,652.73	3,701.98	3,636.18	9.76	10.32	-99.49	218.04	539.61	292.67	272.17	20.50	14.278	
3,800.00	3,751.23	3,801.55	3,733.64	10.00	10.58	-99.00	224.79	558.84	301.64	280.65	20.99	14.367	
3,900.00	3,849.73	3,901.11	3,831.09	10.25	10.84	-98.54	231.53	578.07	310.64	289.14	21.50	14.447	
4,000.00	3,948.23	4,000.67	3,928.55	10.50	11.11	-98.10	238.28	597.30	319.66	297.64	22.02	14.516	
4,100.00	4,046.73	4,100.24	4,026.00	10.76	11.39	-97.69	245.02	616.53	328.70	306.15	22.55	14.576	
4,200.00	4,145.23	4,200.20	4,123.46	11.02	11.66	-97.30	251.77	635.76	337.75	314.66	23.09	14.628	
4,300.00	4,243.73	4,300.63	4,220.92	11.29	11.95	-96.92	258.51	654.99	346.82	323.18	23.64	14.672	
4,400.00	4,342.23	4,401.07	4,318.37	11.56	12.24	-96.57	265.26	674.22	355.90	331.70	24.19	14.710	
4,500.00	4,440.72	4,501.51	4,415.83	11.84	12.53	-96.24	272.00	693.44	364.99	340.23	24.76	14.742	
4,600.00	4,539.22	4,601.94	4,513.28	12.12	12.83	-95.92	278.75	712.67	374.10	348.77	25.33	14.769	
4,700.00	4,637.72	4,702.38	4,610.74	12.40	13.13	-95.62	285.49	731.90	383.21	357.31	25.91	14.792	
4,800.00	4,736.22	4,802.82	4,708.20	12.69	13.43	-95.33	292.24	751.13	392.34	365.85	26.49	14.810	
4,900.00	4,834.72	4,903.25	4,805.65	12.97	13.74	-95.05	298.98	770.36	401.48	374.39	27.08	14.825	
5,000.00	4,933.22	5,003.69	4,903.11	13.26	14.05	-94.79	305.73	789.59	410.62	382.94	27.68	14.837	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,031.72	5,104.13	5,000.56	13.56	14.36	-94.54	312.47	808.82	419.77	391.50	28.28	14.846		
5,200.00	5,130.22	5,204.56	5,098.02	13.85	14.68	-94.29	319.22	828.04	428.93	400.05	28.88	14.852		
5,300.00	5,228.72	5,305.00	5,195.48	14.15	14.99	-94.06	325.96	847.27	438.10	408.61	29.49	14.856		
5,400.00	5,327.21	5,405.43	5,292.93	14.45	15.31	-93.84	332.71	866.50	447.27	417.17	30.10	14.859		
5,500.00	5,425.71	5,505.87	5,390.39	14.75	15.63	-93.63	339.45	885.73	456.46	425.74	30.72	14.859		
5,600.00	5,524.21	5,593.69	5,487.84	15.05	15.91	-93.42	346.20	904.96	465.64	434.34	31.30	14.877		
5,700.00	5,622.71	5,706.74	5,585.30	15.36	16.28	-93.23	352.94	924.19	474.83	442.87	31.96	14.856		
5,800.00	5,721.21	5,807.18	5,682.76	15.67	16.60	-93.04	359.69	943.42	484.03	451.44	32.59	14.852		
5,900.00	5,819.71	5,907.62	5,780.21	15.97	16.93	-92.86	366.43	962.65	493.24	460.01	33.22	14.847		
6,000.00	5,918.21	6,008.05	5,877.67	16.28	17.26	-92.68	373.18	981.87	502.44	468.59	33.85	14.842		
6,100.00	6,016.71	6,108.49	5,975.13	16.59	17.59	-92.51	379.92	1,001.10	511.65	477.17	34.49	14.835		
6,200.00	6,115.21	6,208.93	6,072.58	16.91	17.92	-92.35	386.67	1,020.33	520.87	485.74	35.13	14.828		
6,300.00	6,213.70	6,309.36	6,170.04	17.22	18.25	-92.19	393.41	1,039.56	530.09	494.32	35.77	14.820		
6,400.00	6,312.20	6,409.80	6,267.49	17.53	18.58	-92.04	400.16	1,058.79	539.32	502.90	36.41	14.812		
6,500.00	6,410.70	6,489.77	6,364.95	17.85	18.85	-91.89	406.90	1,078.02	548.54	511.56	36.99	14.830		
6,600.00	6,509.20	6,589.33	6,462.41	18.17	19.18	-91.75	413.65	1,097.25	557.77	520.14	37.63	14.822		
6,700.00	6,607.69	6,688.89	6,559.86	18.48	19.52	-91.06	420.39	1,116.48	567.00	528.73	38.28	14.813		
6,800.00	6,704.15	6,785.29	6,653.97	18.86	19.85	-87.50	426.91	1,136.22	575.34	536.35	38.99	14.757		
6,900.00	6,795.38	6,878.12	6,741.58	19.35	20.25	-86.49	433.04	1,166.05	582.99	543.12	39.87	14.622		
7,000.00	6,879.12	6,972.28	6,825.06	19.94	20.76	-86.22	438.94	1,209.00	590.04	549.07	40.97	14.401		
7,100.00	6,953.32	7,067.94	6,902.46	20.64	21.38	-86.34	444.49	1,264.80	596.37	554.07	42.30	14.098		
7,200.00	7,016.16	7,165.30	6,971.77	21.44	22.13	-86.72	449.55	1,332.85	601.85	557.99	43.86	13.721		
7,300.00	7,066.07	7,264.50	7,030.90	22.34	22.99	-87.30	453.97	1,412.25	606.36	560.70	45.66	13.281		
7,400.00	7,101.84	7,365.66	7,077.80	23.34	23.98	-88.03	457.60	1,501.69	609.79	562.13	47.66	12.794		
7,500.00	7,122.58	7,468.83	7,110.46	24.40	25.08	-88.88	460.30	1,599.39	612.03	562.19	49.84	12.280		
7,600.00	7,127.94	7,574.03	7,127.13	25.51	26.26	-89.83	461.94	1,703.13	613.01	560.88	52.13	11.759		
7,700.00	7,127.49	7,677.34	7,128.78	26.66	27.45	-90.03	462.55	1,806.39	612.99	558.50	54.49	11.250		
7,800.00	7,127.05	7,777.34	7,128.36	27.87	28.65	-90.03	463.01	1,906.39	612.84	555.93	56.91	10.768		
7,900.00	7,126.60	7,877.34	7,127.93	29.13	29.90	-90.03	463.46	2,006.38	612.68	553.26	59.42	10.311		
8,000.00	7,126.16	7,977.34	7,127.50	30.43	31.19	-90.03	463.91	2,106.38	612.53	550.51	62.01	9.877		
8,100.00	7,125.71	8,077.34	7,127.08	31.76	32.51	-90.03	464.36	2,206.38	612.37	547.70	64.67	9.469		
8,200.00	7,125.26	8,177.34	7,126.65	33.12	33.86	-90.04	464.82	2,306.38	612.22	544.82	67.40	9.084		
8,300.00	7,124.82	8,277.34	7,126.22	34.52	35.24	-90.04	465.27	2,406.38	612.06	541.89	70.17	8.722		
8,400.00	7,124.37	8,377.34	7,125.79	35.93	36.64	-90.04	465.72	2,506.37	611.91	538.91	73.00	8.383		
8,500.00	7,123.92	8,477.34	7,125.37	37.37	38.07	-90.04	466.17	2,606.37	611.75	535.89	75.87	8.064		
8,600.00	7,123.48	8,577.34	7,124.94	38.82	39.51	-90.04	466.63	2,706.37	611.60	532.83	78.77	7.764		
8,700.00	7,123.03	8,677.33	7,124.51	40.30	40.97	-90.05	467.08	2,806.37	611.44	529.73	81.71	7.483		
8,800.00	7,122.59	8,777.33	7,124.09	41.79	42.45	-90.05	467.53	2,906.37	611.29	526.61	84.68	7.219		
8,900.00	7,122.14	8,877.33	7,123.66	43.29	43.94	-90.05	467.99	3,006.36	611.13	523.46	87.68	6.970		
9,000.00	7,121.69	8,977.33	7,123.23	44.80	45.44	-90.05	468.44	3,106.36	610.98	520.28	90.70	6.737		
9,100.00	7,121.25	9,077.33	7,122.80	46.33	46.95	-90.05	468.89	3,206.36	610.83	517.09	93.74	6.516		
9,200.00	7,120.80	9,177.33	7,122.38	47.86	48.48	-90.05	469.34	3,306.36	610.67	513.87	96.80	6.308		
9,300.00	7,120.35	9,277.33	7,121.95	49.40	50.01	-90.06	469.80	3,406.35	610.52	510.63	99.88	6.112		
9,400.00	7,119.91	9,377.33	7,121.52	50.96	51.56	-90.06	470.25	3,506.35	610.36	507.38	102.98	5.927		
9,500.00	7,119.46	9,477.33	7,121.10	52.52	53.11	-90.06	470.70	3,606.35	610.21	504.11	106.09	5.752		
9,600.00	7,119.02	9,577.33	7,120.67	54.08	54.66	-90.06	471.15	3,706.35	610.05	500.83	109.22	5.585		
9,700.00	7,118.57	9,677.33	7,120.24	55.65	56.23	-90.06	471.61	3,806.35	609.90	497.54	112.36	5.428		
9,800.00	7,118.12	9,777.33	7,119.81	57.23	57.80	-90.07	472.06	3,906.34	609.74	494.23	115.51	5.279		
9,900.00	7,117.68	9,877.33	7,119.39	58.81	59.37	-90.07	472.51	4,006.34	609.59	490.92	118.67	5.137		
10,000.00	7,117.23	9,977.33	7,118.96	60.40	60.96	-90.07	472.97	4,106.34	609.43	487.59	121.84	5.002		
10,100.00	7,116.78	10,077.33	7,118.53	61.99	62.54	-90.07	473.42	4,206.34	609.28	484.25	125.02	4.873		
10,200.00	7,116.34	10,177.33	7,118.11	63.59	64.13	-90.07	473.87	4,306.34	609.12	480.91	128.21	4.751		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,115.89	10,277.33	7,117.68	65.19	65.73	-90.07	474.32	4,406.33	608.97	477.56	131.41	4.634	
10,400.00	7,115.44	10,377.33	7,117.25	66.80	67.32	-90.08	474.78	4,506.33	608.81	474.20	134.61	4.523	
10,500.00	7,115.00	10,477.33	7,116.83	68.40	68.92	-90.08	475.23	4,606.33	608.66	470.84	137.82	4.416	
10,600.00	7,114.55	10,577.33	7,116.40	70.01	70.53	-90.08	475.68	4,706.33	608.51	467.47	141.04	4.314	
10,700.00	7,114.11	10,677.33	7,115.97	71.63	72.14	-90.08	476.13	4,806.33	608.35	464.09	144.26	4.217	
10,800.00	7,113.66	10,777.33	7,115.54	73.24	73.75	-90.08	476.59	4,906.32	608.20	460.71	147.49	4.124	
10,900.00	7,113.21	10,877.33	7,115.12	74.86	75.36	-90.09	477.04	5,006.32	608.04	457.32	150.72	4.034	
11,000.00	7,112.77	10,977.33	7,114.69	76.48	76.98	-90.09	477.49	5,106.32	607.89	453.93	153.96	3.948	
11,100.00	7,112.32	11,077.33	7,114.26	78.10	78.60	-90.09	477.95	5,206.32	607.73	450.53	157.20	3.866	
11,200.00	7,111.87	11,177.33	7,113.84	79.73	80.22	-90.09	478.40	5,306.32	607.58	447.13	160.45	3.787	
11,300.00	7,111.43	11,277.33	7,113.41	81.35	81.84	-90.09	478.85	5,406.31	607.42	443.72	163.70	3.711	
11,400.00	7,110.98	11,377.33	7,112.98	82.98	83.46	-90.09	479.30	5,506.31	607.27	440.31	166.95	3.637	
11,500.00	7,110.54	11,477.33	7,112.55	84.61	85.09	-90.10	479.76	5,606.31	607.11	436.90	170.21	3.567	
11,600.00	7,110.09	11,577.33	7,112.13	86.24	86.72	-90.10	480.21	5,706.31	606.96	433.49	173.47	3.499	
11,700.00	7,109.64	11,677.33	7,111.70	87.88	88.35	-90.10	480.66	5,806.31	606.80	430.07	176.74	3.433	
11,800.00	7,109.20	11,777.33	7,111.27	89.51	89.98	-90.10	481.11	5,906.30	606.65	426.65	180.00	3.370	
11,900.00	7,108.75	11,877.33	7,110.85	91.15	91.61	-90.10	481.57	6,006.30	606.49	423.22	183.27	3.309	
12,000.00	7,108.30	11,977.33	7,110.42	92.79	93.24	-90.11	482.02	6,106.30	606.34	419.80	186.54	3.250	
12,100.00	7,107.86	12,077.33	7,109.99	94.42	94.88	-90.11	482.47	6,206.30	606.19	416.37	189.82	3.193	
12,200.00	7,107.41	12,177.33	7,109.56	96.06	96.52	-90.11	482.93	6,306.30	606.03	412.93	193.10	3.138	
12,300.00	7,106.96	12,277.33	7,109.14	97.70	98.15	-90.11	483.38	6,406.29	605.88	409.50	196.38	3.085	
12,400.00	7,106.52	12,377.33	7,108.71	99.35	99.79	-90.11	483.83	6,506.29	605.72	406.06	199.66	3.034	
12,500.00	7,106.07	12,477.33	7,108.28	100.99	101.43	-90.11	484.28	6,606.29	605.57	402.62	202.94	2.984	
12,600.00	7,105.63	12,577.33	7,107.86	102.63	103.07	-90.12	484.74	6,706.29	605.41	399.18	206.23	2.936	
12,700.00	7,105.18	12,677.33	7,107.43	104.28	104.72	-90.12	485.19	6,806.29	605.26	395.74	209.52	2.889	
12,800.00	7,104.73	12,777.33	7,107.00	105.92	106.36	-90.12	485.64	6,906.28	605.10	392.30	212.80	2.843	
12,900.00	7,104.29	12,877.33	7,106.57	107.57	108.00	-90.12	486.09	7,006.28	604.95	388.85	216.10	2.799	
13,000.00	7,103.84	12,977.33	7,106.15	109.22	109.65	-90.12	486.55	7,106.28	604.79	385.41	219.39	2.757	
13,100.00	7,103.39	13,077.33	7,105.72	110.86	111.29	-90.13	487.00	7,206.28	604.64	381.96	222.68	2.715	
13,200.00	7,102.95	13,177.33	7,105.29	112.51	112.94	-90.13	487.45	7,306.27	604.48	378.51	225.98	2.675	
13,300.00	7,102.50	13,277.33	7,104.87	114.16	114.59	-90.13	487.91	7,406.27	604.33	375.05	229.28	2.636	
13,400.00	7,102.06	13,377.33	7,104.44	115.81	116.24	-90.13	488.36	7,506.27	604.17	371.60	232.57	2.598	
13,500.00	7,101.61	13,477.33	7,104.01	117.46	117.88	-90.13	488.81	7,606.27	604.02	368.15	235.87	2.561	
13,600.00	7,101.16	13,577.33	7,103.59	119.11	119.53	-90.14	489.26	7,706.27	603.87	364.69	239.17	2.525	
13,700.00	7,100.72	13,677.33	7,103.16	120.77	121.18	-90.14	489.72	7,806.26	603.71	361.23	242.48	2.490	
13,800.00	7,100.27	13,777.33	7,102.73	122.42	122.83	-90.14	490.17	7,906.26	603.56	357.78	245.78	2.456	
13,900.00	7,099.82	13,877.33	7,102.30	124.07	124.48	-90.14	490.62	8,006.26	603.40	354.32	249.08	2.422	
14,000.00	7,099.38	13,977.33	7,101.88	125.72	126.14	-90.14	491.07	8,106.26	603.25	350.86	252.39	2.390	
14,100.00	7,098.93	14,077.33	7,101.45	127.38	127.79	-90.14	491.53	8,206.26	603.09	347.40	255.70	2.359	
14,200.00	7,098.49	14,177.33	7,101.02	129.03	129.44	-90.15	491.98	8,306.25	602.94	343.93	259.00	2.328	
14,300.00	7,098.04	14,277.33	7,100.60	130.69	131.09	-90.15	492.43	8,406.25	602.78	340.47	262.31	2.298	
14,400.00	7,097.59	14,377.33	7,100.17	132.34	132.75	-90.15	492.89	8,506.25	602.63	337.01	265.62	2.269	
14,500.00	7,097.15	14,477.33	7,099.74	134.00	134.40	-90.15	493.34	8,606.25	602.47	333.54	268.93	2.240	
14,600.00	7,096.70	14,577.33	7,099.31	135.65	136.06	-90.15	493.79	8,706.25	602.32	330.08	272.24	2.212	
14,700.00	7,096.25	14,677.33	7,098.89	137.31	137.71	-90.16	494.24	8,806.24	602.16	326.61	275.55	2.185	
14,800.00	7,095.81	14,777.33	7,098.46	138.97	139.37	-90.16	494.70	8,906.24	602.01	323.14	278.87	2.159	
14,900.00	7,095.36	14,877.33	7,098.03	140.63	141.02	-90.16	495.15	9,006.24	601.85	319.68	282.18	2.133	
15,000.00	7,094.91	14,977.33	7,097.61	142.28	142.68	-90.16	495.60	9,106.24	601.70	316.21	285.49	2.108	
15,100.00	7,094.47	15,077.33	7,097.18	143.94	144.33	-90.16	496.05	9,206.24	601.55	312.74	288.81	2.083	
15,200.00	7,094.02	15,177.33	7,096.75	145.60	145.99	-90.17	496.51	9,306.23	601.39	309.27	292.12	2.059	
15,300.00	7,093.58	15,277.33	7,096.32	147.26	147.65	-90.17	496.96	9,406.23	601.24	305.80	295.44	2.035	
15,400.00	7,093.13	15,377.33	7,095.90	148.92	149.31	-90.17	497.41	9,506.23	601.08	302.33	298.76	2.012	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,092.68	15,477.33	7,095.47	150.58	150.96	-90.17	497.87	9,606.23	600.93	298.85	302.07	1.989	
15,600.00	7,092.24	15,577.33	7,095.04	152.23	152.62	-90.17	498.32	9,706.23	600.77	295.38	305.39	1.967	
15,700.00	7,091.79	15,677.33	7,094.62	153.89	154.28	-90.17	498.77	9,806.22	600.62	291.91	308.71	1.946	
15,800.00	7,091.34	15,777.33	7,094.19	155.55	155.94	-90.18	499.22	9,906.22	600.46	288.44	312.03	1.924	
15,900.00	7,090.90	15,877.33	7,093.76	157.21	157.60	-90.18	499.68	10,006.22	600.31	284.96	315.35	1.904	
16,000.00	7,090.45	15,977.33	7,093.33	158.87	159.26	-90.18	500.13	10,106.22	600.15	281.49	318.67	1.883	
16,100.00	7,090.01	16,077.33	7,092.91	160.54	160.92	-90.18	500.58	10,206.22	600.00	278.01	321.99	1.863	
16,200.00	7,089.56	16,177.33	7,092.48	162.20	162.58	-90.18	501.03	10,306.21	599.84	274.54	325.31	1.844	
16,300.00	7,089.11	16,277.33	7,092.05	163.86	164.24	-90.19	501.49	10,406.21	599.69	271.06	328.63	1.825	
16,400.00	7,088.67	16,377.33	7,091.63	165.52	165.90	-90.19	501.94	10,506.21	599.54	267.58	331.95	1.806	
16,500.00	7,088.22	16,477.33	7,091.20	167.18	167.56	-90.19	502.39	10,606.21	599.38	264.11	335.27	1.788	
16,600.00	7,087.77	16,577.33	7,090.77	168.84	169.22	-90.19	502.85	10,706.20	599.23	260.63	338.60	1.770	
16,700.00	7,087.33	16,677.33	7,090.35	170.50	170.88	-90.19	503.30	10,806.20	599.07	257.15	341.92	1.752	
16,800.00	7,086.88	16,777.33	7,089.92	172.17	172.54	-90.20	503.75	10,906.20	598.92	253.67	345.24	1.735	
16,900.00	7,086.43	16,877.33	7,089.49	173.83	174.20	-90.20	504.20	11,006.20	598.76	250.19	348.57	1.718	
17,000.00	7,085.99	16,977.33	7,089.06	175.49	175.87	-90.20	504.66	11,106.20	598.61	246.72	351.89	1.701	
17,100.00	7,085.54	17,077.32	7,088.64	177.15	177.53	-90.20	505.11	11,206.19	598.45	243.24	355.22	1.685	
17,200.00	7,085.10	17,177.32	7,088.21	178.82	179.19	-90.20	505.56	11,306.19	598.30	239.76	358.54	1.669	
17,300.00	7,084.65	17,277.32	7,087.78	180.48	180.85	-90.20	506.01	11,406.19	598.14	236.28	361.87	1.653	
17,400.00	7,084.20	17,377.32	7,087.36	182.14	182.51	-90.21	506.47	11,506.19	597.99	232.80	365.19	1.637	
17,500.00	7,083.76	17,477.32	7,086.93	183.81	184.18	-90.21	506.92	11,606.19	597.83	229.32	368.52	1.622	
17,600.00	7,083.31	17,577.32	7,086.50	185.47	185.84	-90.21	507.37	11,706.18	597.68	225.83	371.84	1.607	
17,700.00	7,082.86	17,677.32	7,086.07	187.13	187.50	-90.21	507.83	11,806.18	597.53	222.35	375.17	1.593	
17,800.00	7,082.42	17,777.32	7,085.65	188.80	189.17	-90.21	508.28	11,906.18	597.37	218.87	378.50	1.578	
17,900.00	7,081.97	17,877.32	7,085.22	190.46	190.83	-90.22	508.73	12,006.18	597.22	215.39	381.83	1.564	
17,993.68	7,081.55	17,971.01	7,084.82	192.02	192.39	-90.22	509.15	12,099.86	597.07	212.13	384.94	1.551 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.65	0.36	-60.14	60.14				
100.00	100.00	101.00	101.00	3.28	3.28	-89.65	0.36	-60.14	60.14	52.61	7.53	7.987	
200.00	200.00	201.00	201.00	3.31	3.31	-89.65	0.36	-60.14	60.14	52.56	7.57	7.940 CC	
300.00	299.99	301.85	301.83	3.35	3.35	174.31	1.89	-59.83	60.98	53.32	7.66	7.960	
400.00	399.88	403.98	403.88	3.41	3.41	176.98	4.23	-56.53	62.40	54.62	7.78	8.022	
500.00	499.55	506.13	505.76	3.50	3.51	-179.84	6.79	-49.59	63.94	56.00	7.93	8.058	
600.00	598.89	608.29	607.32	3.61	3.62	-176.22	9.58	-39.03	65.69	57.56	8.13	8.081	
700.00	697.76	710.44	708.44	3.76	3.77	-172.22	12.57	-24.86	67.75	59.39	8.37	8.099	
800.00	796.26	812.21	808.61	3.95	3.96	-167.75	15.76	-7.23	69.11	60.45	8.66	7.983	
900.00	894.76	912.05	906.66	4.17	4.17	-163.10	18.96	11.31	69.80	60.77	9.03	7.734	
1,000.00	993.26	1,011.89	1,004.71	4.40	4.42	-158.57	22.16	29.85	70.94	61.50	9.44	7.513	
1,100.00	1,091.76	1,111.72	1,102.76	4.66	4.68	-154.21	25.37	48.38	72.50	62.60	9.91	7.319	
1,200.00	1,190.26	1,211.56	1,200.81	4.94	4.97	-150.05	28.57	66.92	74.47	64.06	10.42	7.150	
1,300.00	1,288.76	1,311.40	1,298.86	5.23	5.27	-146.13	31.77	85.45	76.81	65.85	10.97	7.004	
1,400.00	1,387.26	1,411.24	1,396.91	5.53	5.58	-142.46	34.97	103.99	79.49	67.94	11.55	6.880	
1,500.00	1,485.76	1,511.08	1,494.96	5.84	5.91	-139.04	38.17	122.53	82.48	70.30	12.17	6.774	
1,600.00	1,584.26	1,610.92	1,593.01	6.16	6.24	-135.86	41.37	141.06	85.73	72.91	12.82	6.686	
1,700.00	1,682.75	1,710.75	1,691.06	6.49	6.58	-132.93	44.58	159.60	89.23	75.74	13.49	6.613	
1,800.00	1,781.25	1,810.59	1,789.11	6.83	6.91	-130.23	47.78	178.13	92.95	78.78	14.17	6.560	
1,900.00	1,879.75	1,910.43	1,887.16	7.01	7.09	-127.73	50.98	196.67	96.86	82.68	14.18	6.831	
2,000.00	1,978.25	2,010.27	1,985.21	7.05	7.13	-125.44	54.18	215.21	100.94	86.63	14.31	7.053	
2,100.00	2,076.75	2,110.11	2,083.26	7.11	7.19	-123.32	57.38	233.74	105.16	90.69	14.47	7.268	
2,200.00	2,175.25	2,209.95	2,181.31	7.18	7.27	-121.37	60.58	252.28	109.52	94.87	14.65	7.474	
2,300.00	2,273.75	2,309.78	2,279.37	7.27	7.37	-119.58	63.79	270.81	114.00	99.13	14.87	7.666	
2,400.00	2,372.25	2,409.62	2,377.42	7.37	7.47	-117.91	66.99	289.35	118.58	103.47	15.11	7.848	
2,500.00	2,470.75	2,509.46	2,475.47	7.49	7.60	-116.38	70.19	307.89	123.25	107.87	15.38	8.016	
2,600.00	2,569.25	2,609.30	2,573.52	7.62	7.74	-114.96	73.39	326.42	128.00	112.34	15.67	8.171	
2,700.00	2,667.74	2,709.14	2,671.57	7.76	7.89	-113.63	76.59	344.96	132.83	116.85	15.98	8.313	
2,800.00	2,766.24	2,808.98	2,769.62	7.92	8.05	-112.41	79.79	363.49	137.72	121.41	16.31	8.442	
2,900.00	2,864.74	2,908.81	2,867.67	8.08	8.23	-111.26	83.00	382.03	142.67	126.00	16.67	8.558	
3,000.00	2,963.24	3,008.65	2,965.72	8.26	8.41	-110.20	86.20	400.57	147.67	130.63	17.05	8.662	
3,100.00	3,061.74	3,108.49	3,063.77	8.45	8.61	-109.20	89.40	419.10	152.73	135.28	17.44	8.755	
3,200.00	3,160.24	3,208.33	3,161.82	8.65	8.81	-108.27	92.60	437.64	157.82	139.96	17.86	8.838	
3,300.00	3,258.74	3,308.17	3,259.87	8.85	9.03	-107.40	95.80	456.18	162.95	144.67	18.29	8.911	
3,400.00	3,357.24	3,408.01	3,357.92	9.07	9.25	-106.58	99.00	474.71	168.12	149.39	18.73	8.975	
3,500.00	3,455.74	3,507.84	3,455.97	9.29	9.48	-105.81	102.21	493.25	173.32	154.13	19.19	9.030	
3,600.00	3,554.23	3,607.68	3,554.02	9.52	9.72	-105.08	105.41	511.78	178.55	158.89	19.67	9.079	
3,700.00	3,652.73	3,707.52	3,652.07	9.76	9.96	-104.40	108.61	530.32	183.81	163.66	20.15	9.121	
3,800.00	3,751.23	3,807.36	3,750.12	10.00	10.21	-103.75	111.81	548.86	189.10	168.44	20.65	9.157	
3,900.00	3,849.73	3,907.20	3,848.17	10.25	10.47	-103.14	115.01	567.39	194.40	173.24	21.16	9.187	
4,000.00	3,948.23	4,007.03	3,946.22	10.50	10.73	-102.56	118.21	585.93	199.73	178.05	21.68	9.213	
4,100.00	4,046.73	4,106.87	4,044.27	10.76	11.00	-102.01	121.42	604.46	205.07	182.86	22.21	9.234	
4,200.00	4,145.23	4,206.71	4,142.32	11.02	11.27	-101.49	124.62	623.00	210.43	187.69	22.75	9.252	
4,300.00	4,243.73	4,306.55	4,240.37	11.29	11.55	-101.00	127.82	641.54	215.81	192.52	23.29	9.266	
4,400.00	4,342.23	4,406.39	4,338.42	11.56	11.83	-100.53	131.02	660.07	221.21	197.36	23.84	9.277	
4,500.00	4,440.72	4,506.23	4,436.47	11.84	12.11	-100.08	134.22	678.61	226.62	202.21	24.41	9.286	
4,600.00	4,539.22	4,606.06	4,534.52	12.12	12.40	-99.65	137.42	697.14	232.04	207.07	24.97	9.292	
4,700.00	4,637.72	4,705.90	4,632.57	12.40	12.69	-99.24	140.63	715.68	237.47	211.93	25.55	9.296	
4,800.00	4,736.22	4,805.74	4,730.62	12.69	12.98	-98.85	143.83	734.22	242.92	216.80	26.12	9.298	
4,900.00	4,834.72	4,905.58	4,828.67	12.97	13.27	-98.48	147.03	752.75	248.38	221.67	26.71	9.299	
5,000.00	4,933.22	5,005.42	4,926.72	13.26	13.57	-98.12	150.23	771.29	253.84	226.54	27.30	9.299	
5,100.00	5,031.72	5,105.26	5,024.77	13.56	13.87	-97.78	153.43	789.82	259.32	231.43	27.89	9.297	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,130.22	5,205.09	5,122.82	13.85	14.18	-97.46	156.64	808.36	264.80	236.31	28.49	9.294	
5,300.00	5,228.72	5,304.93	5,220.87	14.15	14.48	-97.14	159.84	826.90	270.30	241.20	29.10	9.290	
5,400.00	5,327.21	5,404.77	5,318.92	14.45	14.79	-96.84	163.04	845.43	275.80	246.09	29.70	9.285	
5,500.00	5,425.71	5,504.61	5,416.97	14.75	15.10	-96.55	166.24	863.97	281.31	250.99	30.31	9.280	
5,600.00	5,524.21	5,604.45	5,515.02	15.05	15.41	-96.27	169.44	882.50	286.82	255.89	30.93	9.274	
5,700.00	5,622.71	5,704.29	5,613.07	15.36	15.72	-96.00	172.64	901.04	292.34	260.80	31.55	9.267	
5,800.00	5,721.21	5,804.12	5,711.12	15.67	16.03	-95.75	175.85	919.58	297.87	265.70	32.17	9.260	
5,900.00	5,819.71	5,903.96	5,809.17	15.97	16.35	-95.50	179.05	938.11	303.40	270.61	32.79	9.253	
6,000.00	5,918.21	6,003.80	5,907.22	16.28	16.67	-95.26	182.25	956.65	308.94	275.53	33.42	9.245	
6,100.00	6,016.71	6,103.64	6,005.27	16.59	16.99	-95.03	185.45	975.18	314.49	280.44	34.05	9.237	
6,200.00	6,115.21	6,203.48	6,103.32	16.91	17.31	-94.80	188.65	993.72	320.04	285.36	34.68	9.229	
6,300.00	6,213.70	6,303.32	6,201.37	17.22	17.63	-94.59	191.85	1,012.26	325.59	290.28	35.31	9.221	
6,400.00	6,312.20	6,403.15	6,299.42	17.53	17.95	-94.38	195.06	1,030.79	331.15	295.20	35.95	9.212	
6,500.00	6,410.70	6,502.99	6,397.47	17.85	18.27	-94.18	198.26	1,049.33	336.71	300.13	36.58	9.204	
6,600.00	6,509.20	6,602.83	6,495.53	18.17	18.60	-93.98	201.46	1,067.86	342.28	305.05	37.22	9.195	
6,700.00	6,607.69	6,702.67	6,593.58	18.48	18.92	-93.26	204.66	1,086.40	347.84	309.98	37.87	9.186	
6,800.00	6,704.15	6,801.70	6,690.82	18.86	19.24	-90.65	207.84	1,104.85	352.81	314.26	38.55	9.151	
6,900.00	6,795.38	6,897.11	6,782.46	19.35	19.62	-91.16	211.24	1,130.87	357.94	318.57	39.37	9.091	
7,000.00	6,879.12	6,994.56	6,870.95	19.94	20.11	-92.30	215.24	1,171.25	363.84	323.43	40.41	9.005	
7,100.00	6,953.32	7,094.24	6,954.00	20.64	20.72	-93.64	219.79	1,226.01	370.39	328.72	41.66	8.890	
7,200.00	7,016.16	7,196.35	7,029.12	21.44	21.47	-95.04	224.81	1,294.83	377.40	334.25	43.15	8.746	
7,300.00	7,066.07	7,301.02	7,093.68	22.34	22.36	-96.40	230.20	1,376.89	384.65	339.78	44.87	8.573	
7,400.00	7,101.84	7,408.33	7,144.98	23.34	23.38	-97.66	235.83	1,470.83	391.84	345.04	46.80	8.373	
7,500.00	7,122.58	7,518.23	7,180.40	24.40	24.54	-98.78	241.55	1,574.56	398.66	349.75	48.91	8.151	
7,600.00	7,127.94	7,630.58	7,197.62	25.51	25.79	-99.77	247.16	1,685.29	404.78	353.63	51.15	7.913	
7,700.00	7,127.49	7,736.05	7,198.72	26.66	27.01	-99.88	252.13	1,790.62	409.06	355.56	53.51	7.645	
7,800.00	7,127.05	7,835.97	7,198.25	27.87	28.21	-99.78	256.81	1,890.42	413.08	357.17	55.90	7.389	
7,900.00	7,126.60	7,935.88	7,197.79	29.13	29.46	-99.68	261.49	1,990.23	417.09	358.70	58.39	7.143	
8,000.00	7,126.16	8,035.80	7,197.32	30.43	30.74	-99.59	266.17	2,090.04	421.11	360.15	60.96	6.908	
8,100.00	7,125.71	8,135.72	7,196.86	31.76	32.06	-99.50	270.85	2,189.84	425.12	361.53	63.59	6.685	
8,200.00	7,125.26	8,235.63	7,196.40	33.12	33.41	-99.40	275.53	2,289.65	429.14	362.85	66.29	6.474	
8,300.00	7,124.82	8,335.55	7,195.93	34.52	34.79	-99.31	280.20	2,389.46	433.16	364.11	69.04	6.274	
8,400.00	7,124.37	8,435.47	7,195.47	35.93	36.20	-99.22	284.88	2,489.26	437.18	365.33	71.84	6.085	
8,500.00	7,123.92	8,535.38	7,195.00	37.37	37.62	-99.14	289.56	2,589.07	441.20	366.51	74.69	5.907	
8,600.00	7,123.48	8,635.30	7,194.54	38.82	39.06	-99.05	294.24	2,688.87	445.22	367.65	77.57	5.739	
8,700.00	7,123.03	8,735.22	7,194.07	40.30	40.52	-98.97	298.92	2,788.68	449.24	368.75	80.49	5.581	
8,800.00	7,122.59	8,835.14	7,193.61	41.79	42.00	-98.88	303.60	2,888.49	453.27	369.83	83.44	5.433	
8,900.00	7,122.14	8,935.05	7,193.15	43.29	43.49	-98.80	308.28	2,988.29	457.29	370.88	86.41	5.292	
9,000.00	7,121.69	9,034.97	7,192.68	44.80	44.99	-98.72	312.95	3,088.10	461.31	371.90	89.41	5.160	
9,100.00	7,121.25	9,134.89	7,192.22	46.33	46.50	-98.64	317.63	3,187.91	465.34	372.91	92.43	5.034	
9,200.00	7,120.80	9,234.80	7,191.75	47.86	48.03	-98.57	322.31	3,287.71	469.37	373.89	95.48	4.916	
9,300.00	7,120.35	9,334.72	7,191.29	49.40	49.56	-98.49	326.99	3,387.52	473.40	374.86	98.54	4.804	
9,400.00	7,119.91	9,434.64	7,190.83	50.96	51.10	-98.42	331.67	3,487.32	477.42	375.81	101.61	4.698	
9,500.00	7,119.46	9,534.55	7,190.36	52.52	52.65	-98.34	336.35	3,587.13	481.45	376.75	104.71	4.598	
9,600.00	7,119.02	9,634.47	7,189.90	54.08	54.20	-98.27	341.03	3,686.94	485.48	377.67	107.82	4.503	
9,700.00	7,118.57	9,734.39	7,189.43	55.65	55.76	-98.20	345.70	3,786.74	489.51	378.58	110.94	4.413	
9,800.00	7,118.12	9,834.30	7,188.97	57.23	57.33	-98.13	350.38	3,886.55	493.55	379.48	114.07	4.327	
9,900.00	7,117.68	9,934.22	7,188.51	58.81	58.90	-98.06	355.06	3,986.35	497.58	380.37	117.21	4.245	
10,000.00	7,117.23	10,040.34	7,188.01	60.40	60.58	-98.00	359.81	4,092.37	501.43	380.95	120.48	4.162	
10,100.00	7,116.78	10,161.33	7,187.45	61.99	62.50	-97.98	361.41	4,213.34	502.14	378.23	123.90	4.053	
10,200.00	7,116.34	10,261.71	7,186.98	63.59	64.10	-98.00	360.54	4,313.71	500.67	373.61	127.06	3.940	
10,300.00	7,115.89	10,361.70	7,186.52	65.19	65.70	-98.02	359.67	4,413.69	499.21	368.98	130.23	3.833	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	7,115.44	10,461.69	7,186.05	66.80	67.29	-98.04	358.81	4,513.68	497.75	364.35	133.40	3.731	
10,500.00	7,115.00	10,561.68	7,185.59	68.40	68.90	-98.07	357.94	4,613.66	496.29	359.71	136.58	3.634	
10,600.00	7,114.55	10,661.67	7,185.12	70.01	70.50	-98.09	357.08	4,713.65	494.83	355.06	139.77	3.540	
10,700.00	7,114.11	10,761.65	7,184.65	71.63	72.11	-98.11	356.21	4,813.63	493.37	350.41	142.96	3.451	
10,800.00	7,113.66	10,861.64	7,184.19	73.24	73.72	-98.13	355.34	4,913.61	491.91	345.75	146.15	3.366	
10,900.00	7,113.21	10,961.63	7,183.72	74.86	75.34	-98.15	354.48	5,013.60	490.44	341.09	149.35	3.284	
11,000.00	7,112.77	11,061.62	7,183.26	76.48	76.95	-98.17	353.61	5,113.58	488.98	336.43	152.56	3.205	
11,100.00	7,112.32	11,161.61	7,182.79	78.10	78.57	-98.20	352.75	5,213.57	487.52	331.76	155.77	3.130	
11,200.00	7,111.87	11,261.60	7,182.33	79.73	80.19	-98.22	351.88	5,313.55	486.06	327.08	158.98	3.057	
11,300.00	7,111.43	11,361.59	7,181.86	81.35	81.82	-98.24	351.02	5,413.54	484.60	322.40	162.20	2.988	
11,400.00	7,110.98	11,461.58	7,181.39	82.98	83.44	-98.26	350.15	5,513.52	483.14	317.72	165.42	2.921	
11,500.00	7,110.54	11,561.57	7,180.93	84.61	85.07	-98.29	349.28	5,613.50	481.68	313.04	168.64	2.856	
11,600.00	7,110.09	11,661.56	7,180.46	86.24	86.70	-98.31	348.42	5,713.49	480.22	308.35	171.86	2.794	
11,700.00	7,109.64	11,761.55	7,180.00	87.88	88.33	-98.33	347.55	5,813.47	478.76	303.66	175.09	2.734	
11,800.00	7,109.20	11,861.54	7,179.53	89.51	89.96	-98.36	346.69	5,913.46	477.30	298.97	178.32	2.677	
11,900.00	7,108.75	11,961.52	7,179.06	91.15	91.59	-98.38	345.82	6,013.44	475.84	294.28	181.56	2.621	
12,000.00	7,108.30	12,061.51	7,178.60	92.79	93.23	-98.40	344.95	6,113.43	474.38	289.58	184.79	2.567	
12,100.00	7,107.86	12,161.50	7,178.13	94.42	94.87	-98.43	344.09	6,213.41	472.92	284.88	188.03	2.515	
12,200.00	7,107.41	12,261.49	7,177.67	96.06	96.50	-98.45	343.22	6,313.39	471.46	280.18	191.27	2.465	
12,300.00	7,106.96	12,361.48	7,177.20	97.70	98.14	-98.48	342.36	6,413.38	470.00	275.48	194.51	2.416	
12,400.00	7,106.52	12,461.47	7,176.74	99.35	99.78	-98.50	341.49	6,513.36	468.54	270.78	197.76	2.369	
12,500.00	7,106.07	12,561.46	7,176.27	100.99	101.42	-98.52	340.63	6,613.35	467.08	266.07	201.00	2.324	
12,600.00	7,105.63	12,661.45	7,175.80	102.63	103.07	-98.55	339.76	6,713.33	465.62	261.37	204.25	2.280	
12,700.00	7,105.18	12,761.44	7,175.34	104.28	104.71	-98.57	338.89	6,813.32	464.16	256.66	207.50	2.237	
12,800.00	7,104.73	12,861.43	7,174.87	105.92	106.35	-98.60	338.03	6,913.30	462.70	251.95	210.75	2.196	
12,900.00	7,104.29	12,961.42	7,174.41	107.57	108.00	-98.62	337.16	7,013.28	461.24	247.24	214.00	2.155	
13,000.00	7,103.84	13,061.41	7,173.94	109.22	109.64	-98.65	336.30	7,113.27	459.78	242.53	217.25	2.116	
13,100.00	7,103.39	13,161.39	7,173.48	110.86	111.29	-98.67	335.43	7,213.25	458.32	237.82	220.50	2.079	
13,200.00	7,102.95	13,261.38	7,173.01	112.51	112.94	-98.70	334.56	7,313.24	456.86	233.10	223.75	2.042	
13,300.00	7,102.50	13,361.37	7,172.54	114.16	114.59	-98.72	333.70	7,413.22	455.40	228.39	227.01	2.006	
13,400.00	7,102.06	13,461.36	7,172.08	115.81	116.24	-98.75	332.83	7,513.21	453.94	223.67	230.27	1.971	
13,500.00	7,101.61	13,561.35	7,171.61	117.46	117.89	-98.78	331.97	7,613.19	452.48	218.96	233.52	1.938	
13,600.00	7,101.16	13,661.34	7,171.15	119.11	119.54	-98.80	331.10	7,713.18	451.02	214.24	236.78	1.905	
13,700.00	7,100.72	13,761.33	7,170.68	120.77	121.19	-98.83	330.24	7,813.16	449.56	209.53	240.04	1.873	
13,800.00	7,100.27	13,861.32	7,170.21	122.42	122.84	-98.86	329.37	7,913.14	448.10	204.81	243.30	1.842	
13,900.00	7,099.82	13,961.31	7,169.75	124.07	124.49	-98.88	328.50	8,013.13	446.65	200.09	246.56	1.812	
14,000.00	7,099.38	14,061.30	7,169.28	125.72	126.14	-98.91	327.64	8,113.11	445.19	195.37	249.82	1.782	
14,100.00	7,098.93	14,161.29	7,168.82	127.38	127.80	-98.94	326.77	8,213.10	443.73	190.65	253.08	1.753	
14,200.00	7,098.49	14,261.27	7,168.35	129.03	129.45	-98.96	325.91	8,313.08	442.27	185.93	256.34	1.725	
14,300.00	7,098.04	14,361.26	7,167.89	130.69	131.11	-98.99	325.04	8,413.07	440.81	181.21	259.60	1.698	
14,400.00	7,097.59	14,461.25	7,167.42	132.34	132.76	-99.02	324.18	8,513.05	439.35	176.49	262.86	1.671	
14,500.00	7,097.15	14,561.24	7,166.95	134.00	134.42	-99.05	323.31	8,613.03	437.90	171.77	266.12	1.645	
14,600.00	7,096.70	14,661.23	7,166.49	135.65	136.07	-99.07	322.44	8,713.02	436.44	167.05	269.38	1.620	
14,700.00	7,096.25	14,761.22	7,166.02	137.31	137.73	-99.10	321.58	8,813.00	434.98	162.33	272.65	1.595	
14,800.00	7,095.81	14,861.21	7,165.56	138.97	139.38	-99.13	320.71	8,912.99	433.52	157.61	275.91	1.571	
14,900.00	7,095.36	14,961.20	7,165.09	140.63	141.04	-99.16	319.85	9,012.97	432.06	152.89	279.17	1.548	
15,000.00	7,094.91	15,061.19	7,164.63	142.28	142.70	-99.19	318.98	9,112.96	430.61	148.17	282.43	1.525	
15,100.00	7,094.47	15,161.18	7,164.16	143.94	144.36	-99.22	318.11	9,212.94	429.15	143.45	285.70	1.502	
15,200.00	7,094.02	15,261.17	7,163.69	145.60	146.01	-99.24	317.25	9,312.92	427.69	138.73	288.96	1.480 Level 3	
15,300.00	7,093.58	15,361.16	7,163.23	147.26	147.67	-99.27	316.38	9,412.91	426.23	134.01	292.22	1.459 Level 3	
15,400.00	7,093.13	15,461.14	7,162.76	148.92	149.33	-99.30	315.52	9,512.89	424.78	129.29	295.49	1.438 Level 3	
15,500.00	7,092.68	15,561.13	7,162.30	150.58	150.99	-99.33	314.65	9,612.88	423.32	124.57	298.75	1.417 Level 3	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,600.00	7,092.24	15,661.12	7,161.83	152.23	152.65	-99.36	313.79	9,712.86	421.86	119.85	302.01	1.397	Level 3
15,700.00	7,091.79	15,761.11	7,161.36	153.89	154.31	-99.39	312.92	9,812.85	420.41	115.13	305.28	1.377	Level 3
15,800.00	7,091.34	15,861.10	7,160.90	155.55	155.97	-99.42	312.05	9,912.83	418.95	110.41	308.54	1.358	Level 3
15,900.00	7,090.90	15,961.09	7,160.43	157.21	157.63	-99.45	311.19	10,012.81	417.49	105.69	311.80	1.339	Level 3
16,000.00	7,090.45	16,061.08	7,159.97	158.87	159.29	-99.48	310.32	10,112.80	416.04	100.97	315.07	1.320	Level 3
16,100.00	7,090.01	16,161.07	7,159.50	160.54	160.95	-99.51	309.46	10,212.78	414.58	96.25	318.33	1.302	Level 3
16,200.00	7,089.56	16,261.06	7,159.04	162.20	162.61	-99.55	308.59	10,312.77	413.12	91.53	321.59	1.285	Level 3
16,300.00	7,089.11	16,361.05	7,158.57	163.86	164.27	-99.58	307.72	10,412.75	411.67	86.82	324.85	1.267	Level 3
16,400.00	7,088.67	16,461.04	7,158.10	165.52	165.93	-99.61	306.86	10,512.74	410.21	82.10	328.11	1.250	Level 3
16,500.00	7,088.22	16,561.03	7,157.64	167.18	167.60	-99.64	305.99	10,612.72	408.76	77.38	331.38	1.234	Level 2
16,600.00	7,087.77	16,661.01	7,157.17	168.84	169.26	-99.67	305.13	10,712.70	407.30	72.66	334.64	1.217	Level 2
16,700.00	7,087.33	16,761.00	7,156.71	170.50	170.92	-99.70	304.26	10,812.69	405.85	67.95	337.90	1.201	Level 2
16,800.00	7,086.88	16,860.99	7,156.24	172.17	172.58	-99.74	303.40	10,912.67	404.39	63.23	341.16	1.185	Level 2
16,900.00	7,086.43	16,960.98	7,155.78	173.83	174.25	-99.77	302.53	11,012.66	402.93	58.51	344.42	1.170	Level 2
17,000.00	7,085.99	17,060.97	7,155.31	175.49	175.91	-99.80	301.66	11,112.64	401.48	53.80	347.68	1.155	Level 2
17,100.00	7,085.54	17,160.96	7,154.84	177.15	177.57	-99.84	300.80	11,212.63	400.02	49.08	350.94	1.140	Level 2
17,200.00	7,085.10	17,260.95	7,154.38	178.82	179.24	-99.87	299.93	11,312.61	398.57	44.37	354.20	1.125	Level 2
17,300.00	7,084.65	17,360.94	7,153.91	180.48	180.90	-99.90	299.07	11,412.59	397.11	39.66	357.46	1.111	Level 2
17,400.00	7,084.20	17,460.93	7,153.45	182.14	182.56	-99.94	298.20	11,512.58	395.66	34.94	360.72	1.097	Level 2
17,500.00	7,083.76	17,560.92	7,152.98	183.81	184.23	-99.97	297.34	11,612.56	394.21	30.23	363.97	1.083	Level 2
17,600.00	7,083.31	17,660.91	7,152.52	185.47	185.89	-100.01	296.47	11,712.55	392.75	25.52	367.23	1.069	Level 2
17,700.00	7,082.86	17,760.90	7,152.05	187.13	187.55	-100.04	295.60	11,812.53	391.30	20.81	370.49	1.056	Level 2
17,800.00	7,082.42	17,860.88	7,151.58	188.80	189.22	-100.08	294.74	11,912.52	389.84	16.10	373.74	1.043	Level 2
17,900.00	7,081.97	17,960.87	7,151.12	190.46	190.88	-100.11	293.87	12,012.50	388.39	11.39	377.00	1.030	Level 2
17,993.68	7,081.55	18,054.54	7,150.68	192.02	192.44	-100.14	293.06	12,106.17	387.03	6.98	380.05	1.018	Level 2, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.61	1.09	-160.09	160.09				
100.00	100.00	102.00	102.00	3.28	3.28	-89.61	1.09	-160.09	160.09	152.56	7.53	21.263	
200.00	200.00	202.00	202.00	3.31	3.31	-89.61	1.09	-160.09	160.09	152.51	7.57	21.135 CC, ES	
300.00	299.99	302.08	302.08	3.35	3.35	172.84	1.09	-160.08	161.20	153.53	7.66	21.036	
400.00	399.88	406.43	406.40	3.41	3.42	173.49	2.39	-158.60	164.29	156.50	7.79	21.088	
500.00	499.55	510.67	510.48	3.50	3.52	175.13	6.18	-154.25	168.23	160.27	7.96	21.140	
600.00	598.89	614.67	614.04	3.61	3.63	177.64	12.44	-147.08	173.24	165.07	8.17	21.208	
700.00	697.76	718.29	716.80	3.76	3.78	-179.10	21.13	-137.11	179.66	171.23	8.43	21.322	
800.00	796.26	821.46	818.59	3.95	3.96	-175.24	32.21	-124.42	186.67	177.94	8.73	21.374	
900.00	894.76	924.14	919.22	4.17	4.17	-170.78	45.61	-109.05	192.53	183.43	9.10	21.157	
1,000.00	993.26	1,026.07	1,018.32	4.40	4.43	-165.73	61.25	-91.12	197.75	188.21	9.54	20.732	
1,100.00	1,091.76	1,127.00	1,115.56	4.66	4.74	-160.11	79.02	-70.76	203.02	192.97	10.06	20.186	
1,200.00	1,190.26	1,224.94	1,209.33	4.94	5.08	-154.41	97.62	-49.43	209.49	198.83	10.66	19.660	
1,300.00	1,288.76	1,322.53	1,302.74	5.23	5.46	-149.10	116.17	-28.17	217.94	206.64	11.30	19.279	
1,400.00	1,387.26	1,420.11	1,396.16	5.53	5.85	-144.21	134.72	-6.90	228.19	216.19	12.00	19.023	
1,500.00	1,485.76	1,517.70	1,489.57	5.84	6.26	-139.76	153.27	14.37	239.99	227.27	12.71	18.876	
1,600.00	1,584.26	1,615.28	1,582.99	6.16	6.69	-135.73	171.83	35.63	253.13	239.67	13.46	18.813	
1,700.00	1,682.75	1,712.86	1,676.40	6.49	7.13	-132.10	190.38	56.90	267.41	253.19	14.21	18.816	
1,800.00	1,781.25	1,810.45	1,769.82	6.83	7.55	-128.84	208.93	78.17	282.65	267.70	14.96	18.898	
1,900.00	1,879.75	1,908.03	1,863.23	7.01	7.79	-125.92	227.48	99.43	298.72	283.73	15.00	19.920	
2,000.00	1,978.25	2,005.62	1,956.65	7.05	7.86	-123.29	246.03	120.70	315.49	300.38	15.11	20.882	
2,100.00	2,076.75	2,103.20	2,050.06	7.11	7.96	-120.93	264.59	141.97	332.84	317.59	15.25	21.826	
2,200.00	2,175.25	2,200.79	2,143.48	7.18	8.07	-118.80	283.14	163.23	350.70	335.27	15.42	22.736	
2,300.00	2,273.75	2,298.37	2,236.89	7.27	8.20	-116.88	301.69	184.50	368.98	353.35	15.63	23.608	
2,400.00	2,372.25	2,404.04	2,330.30	7.37	8.37	-115.14	320.24	205.77	387.64	371.76	15.88	24.414	
2,500.00	2,470.75	2,493.54	2,423.72	7.49	8.53	-113.56	338.79	227.03	406.61	390.48	16.13	25.210	
2,600.00	2,569.25	2,608.87	2,517.13	7.62	8.75	-112.12	357.35	248.30	425.86	409.40	16.46	25.879	
2,700.00	2,667.74	2,688.71	2,610.55	7.76	8.92	-110.80	375.90	269.57	445.35	428.61	16.74	26.603	
2,800.00	2,766.24	2,786.30	2,703.96	7.92	9.13	-109.59	394.45	290.83	465.04	447.96	17.09	27.218	
2,900.00	2,864.74	2,883.88	2,797.38	8.08	9.36	-108.48	413.00	312.10	484.92	467.47	17.45	27.782	
3,000.00	2,963.24	2,981.47	2,890.79	8.26	9.61	-107.46	431.55	333.37	504.97	487.12	17.85	28.295	
3,100.00	3,061.74	3,079.05	2,984.21	8.45	9.86	-106.52	450.11	354.63	525.16	506.90	18.26	28.761	
3,200.00	3,160.24	3,176.64	3,077.62	8.65	10.13	-105.64	468.66	375.90	545.47	526.78	18.69	29.182	
3,300.00	3,258.74	3,274.22	3,171.04	8.85	10.41	-104.83	487.21	397.17	565.90	546.76	19.14	29.561	
3,400.00	3,357.24	3,371.81	3,264.45	9.07	10.69	-104.07	505.76	418.43	586.43	566.82	19.61	29.901	
3,500.00	3,455.74	3,469.39	3,357.87	9.29	10.98	-103.37	524.31	439.70	607.05	586.96	20.10	30.207	
3,600.00	3,554.23	3,566.98	3,451.28	9.52	11.29	-102.71	542.86	460.97	627.76	607.16	20.60	30.479	
3,700.00	3,652.73	3,664.56	3,544.70	9.76	11.60	-102.09	561.42	482.23	648.54	627.43	21.11	30.723	
3,800.00	3,751.23	3,762.14	3,638.11	10.00	11.91	-101.51	579.97	503.50	669.39	647.75	21.64	30.939	
3,900.00	3,849.73	3,859.73	3,731.53	10.25	12.23	-100.97	598.52	524.77	690.30	668.12	22.17	31.132	
4,000.00	3,948.23	3,957.31	3,824.94	10.50	12.56	-100.46	617.07	546.03	711.26	688.54	22.72	31.302	
4,100.00	4,046.73	4,054.90	3,918.36	10.76	12.89	-99.97	635.62	567.30	732.28	709.00	23.28	31.453	
4,200.00	4,145.23	4,152.48	4,011.77	11.02	13.23	-99.52	654.18	588.57	753.35	729.50	23.85	31.586	
4,300.00	4,243.73	4,250.07	4,105.19	11.29	13.57	-99.09	672.73	609.83	774.45	750.03	24.43	31.704	
4,400.00	4,342.23	4,347.65	4,198.60	11.56	13.92	-98.68	691.28	631.10	795.60	770.59	25.01	31.807	
4,500.00	4,440.72	4,445.24	4,292.02	11.84	14.27	-98.29	709.83	652.37	816.79	791.18	25.61	31.897	
4,600.00	4,539.22	4,542.82	4,385.43	12.12	14.62	-97.92	728.38	673.63	838.00	811.80	26.21	31.976	
4,700.00	4,637.72	4,640.41	4,478.85	12.40	14.98	-97.57	746.94	694.90	859.25	832.44	26.81	32.044	
4,800.00	4,736.22	4,737.99	4,572.26	12.69	15.34	-97.24	765.49	716.17	880.53	853.11	27.43	32.104	
4,900.00	4,834.72	4,835.58	4,665.68	12.97	15.70	-96.92	784.04	737.43	901.84	873.79	28.05	32.155	
5,000.00	4,933.22	4,933.16	4,759.09	13.26	16.07	-96.62	802.59	758.70	923.17	894.50	28.67	32.199	
5,100.00	5,031.72	5,030.75	4,852.51	13.56	16.44	-96.33	821.14	779.97	944.52	915.22	29.30	32.236	

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Anticollision Report

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Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,130.22	5,128.33	4,945.92	13.85	16.81	-96.06	839.70	801.23	965.90	935.97	29.93	32.267		
5,300.00	5,228.72	5,225.92	5,039.34	14.15	17.18	-95.79	858.25	822.50	987.30	956.73	30.57	32.293		
5,400.00	5,327.21	5,323.50	5,132.75	14.45	17.56	-95.54	876.80	843.77	1,008.72	977.50	31.22	32.314		
5,500.00	5,425.71	5,421.09	5,226.17	14.75	17.93	-95.30	895.35	865.03	1,030.15	998.29	31.86	32.331		
5,600.00	5,524.21	5,518.67	5,319.58	15.05	18.31	-95.06	913.90	886.30	1,051.60	1,019.09	32.51	32.344		
5,700.00	5,622.71	5,616.25	5,413.00	15.36	18.69	-94.84	932.45	907.57	1,073.07	1,039.90	33.17	32.354		
5,800.00	5,721.21	5,713.84	5,506.41	15.67	19.07	-94.63	951.01	928.83	1,094.55	1,060.73	33.82	32.361		
5,900.00	5,819.71	5,811.42	5,599.82	15.97	19.46	-94.42	969.56	950.10	1,116.05	1,081.56	34.48	32.365		
6,000.00	5,918.21	5,909.01	5,693.24	16.28	19.84	-94.22	988.11	971.37	1,137.56	1,102.41	35.15	32.366		
6,100.00	6,016.71	6,006.59	5,786.65	16.59	20.23	-94.03	1,006.66	992.63	1,159.08	1,123.27	35.81	32.365		
6,200.00	6,115.21	6,104.18	5,880.07	16.91	20.62	-93.85	1,025.21	1,013.90	1,180.61	1,144.13	36.48	32.363		
6,300.00	6,213.70	6,201.76	5,973.48	17.22	21.00	-93.67	1,043.77	1,035.17	1,202.16	1,165.01	37.15	32.358		
6,400.00	6,312.20	6,300.65	6,066.90	17.53	21.40	-93.50	1,062.32	1,056.44	1,223.71	1,185.88	37.83	32.348		
6,500.00	6,410.70	6,403.07	6,160.31	17.85	21.81	-93.33	1,080.87	1,077.70	1,245.28	1,206.76	38.52	32.325		
6,600.00	6,509.20	6,505.48	6,253.73	18.17	22.22	-93.17	1,099.42	1,098.97	1,266.85	1,227.64	39.22	32.302		
6,700.00	6,607.69	6,592.10	6,347.15	18.48	22.57	-92.37	1,117.97	1,120.24	1,288.44	1,248.58	39.86	32.326		
6,800.00	6,704.15	6,689.67	6,440.54	18.86	22.96	-87.31	1,136.52	1,141.50	1,309.15	1,268.54	40.62	32.232		
6,900.00	6,795.38	6,785.48	6,532.26	19.35	23.35	-85.24	1,154.74	1,162.38	1,328.22	1,286.72	41.51	31.999		
7,000.00	6,879.12	6,877.19	6,620.05	19.94	23.72	-84.45	1,172.17	1,182.36	1,345.87	1,303.36	42.52	31.654		
7,100.00	6,953.32	6,962.53	6,701.74	20.64	24.07	-84.37	1,188.40	1,200.96	1,362.78	1,319.15	43.63	31.235		
7,200.00	7,016.16	7,041.68	6,777.48	21.44	24.39	-84.68	1,203.44	1,218.34	1,379.92	1,335.09	44.83	30.779		
7,300.00	7,066.07	7,136.59	6,865.91	22.34	24.83	-85.59	1,221.04	1,247.69	1,397.59	1,351.30	46.29	30.195		
7,400.00	7,101.84	7,247.58	6,962.51	23.34	25.47	-86.93	1,240.33	1,298.53	1,415.22	1,367.20	48.02	29.470		
7,500.00	7,122.58	7,383.94	7,067.04	24.40	26.43	-88.86	1,261.33	1,383.12	1,432.00	1,381.88	50.12	28.574		
7,600.00	7,127.94	7,600.00	7,161.60	25.51	28.30	-91.23	1,280.50	1,505.29	1,446.33	1,393.27	53.07	27.254		
7,700.00	7,127.49	7,799.92	7,246.99	26.66	30.38	-94.63	1,298.34	1,748.10	1,454.81	1,398.90	55.91	26.021		
7,800.00	7,127.05	7,954.90	7,253.11	27.87	32.08	-94.89	1,300.16	1,902.80	1,455.29	1,396.63	58.66	24.808		
7,900.00	7,126.60	8,054.90	7,253.28	29.13	33.23	-94.92	1,300.58	2,002.79	1,455.16	1,394.08	61.09	23.821		
8,000.00	7,126.16	8,154.89	7,253.44	30.43	34.41	-94.94	1,301.01	2,102.79	1,455.03	1,391.44	63.59	22.881		
8,100.00	7,125.71	8,254.89	7,253.61	31.76	35.64	-94.96	1,301.43	2,202.79	1,454.90	1,388.73	66.17	21.987		
8,200.00	7,125.26	8,354.89	7,253.77	33.12	36.90	-94.99	1,301.85	2,302.78	1,454.77	1,385.96	68.81	21.141		
8,300.00	7,124.82	8,454.89	7,253.94	34.52	38.19	-95.01	1,302.28	2,402.78	1,454.65	1,383.13	71.51	20.341		
8,400.00	7,124.37	8,554.89	7,254.10	35.93	39.50	-95.04	1,302.70	2,502.78	1,454.52	1,380.25	74.27	19.585		
8,500.00	7,123.92	8,654.88	7,254.27	37.37	40.85	-95.06	1,303.13	2,602.77	1,454.39	1,377.33	77.06	18.873		
8,600.00	7,123.48	8,754.88	7,254.43	38.82	42.21	-95.09	1,303.55	2,702.77	1,454.26	1,374.36	79.90	18.201		
8,700.00	7,123.03	8,854.88	7,254.60	40.30	43.60	-95.11	1,303.98	2,802.77	1,454.13	1,371.36	82.78	17.567		
8,800.00	7,122.59	8,954.88	7,254.76	41.79	45.01	-95.14	1,304.40	2,902.77	1,454.01	1,368.32	85.68	16.969		
8,900.00	7,122.14	9,054.88	7,254.93	43.29	46.43	-95.16	1,304.83	3,002.76	1,453.88	1,365.26	88.62	16.406		
9,000.00	7,121.69	9,154.87	7,255.09	44.80	47.87	-95.19	1,305.25	3,102.76	1,453.75	1,362.17	91.58	15.873		
9,100.00	7,121.25	9,254.87	7,255.26	46.33	49.32	-95.21	1,305.68	3,202.76	1,453.63	1,359.05	94.57	15.371		
9,200.00	7,120.80	9,354.87	7,255.42	47.86	50.79	-95.24	1,306.10	3,302.75	1,453.50	1,355.92	97.58	14.895		
9,300.00	7,120.35	9,454.87	7,255.59	49.40	52.27	-95.26	1,306.53	3,402.75	1,453.37	1,352.76	100.61	14.446		
9,400.00	7,119.91	9,554.87	7,255.75	50.96	53.76	-95.28	1,306.95	3,502.75	1,453.25	1,349.59	103.66	14.020		
9,500.00	7,119.46	9,654.86	7,255.92	52.52	55.26	-95.31	1,307.38	3,602.74	1,453.12	1,346.40	106.72	13.616		
9,600.00	7,119.02	9,754.86	7,256.08	54.08	56.77	-95.33	1,307.80	3,702.74	1,453.00	1,343.20	109.80	13.233		
9,700.00	7,118.57	9,854.86	7,256.25	55.65	58.29	-95.36	1,308.23	3,802.74	1,452.87	1,339.98	112.89	12.869		
9,800.00	7,118.12	9,954.86	7,256.41	57.23	59.82	-95.38	1,308.65	3,902.73	1,452.75	1,336.75	116.00	12.524		
9,900.00	7,117.68	10,054.86	7,256.58	58.81	61.35	-95.41	1,309.07	4,002.73	1,452.62	1,333.50	119.12	12.195		
10,000.00	7,117.23	10,154.85	7,256.74	60.40	62.89	-95.43	1,309.50	4,102.73	1,452.50	1,330.25	122.25	11.882		
10,100.00	7,116.78	10,254.85	7,256.91	61.99	64.44	-95.46	1,309.92	4,202.73	1,452.37	1,326.99	125.38	11.583		
10,200.00	7,116.34	10,354.85	7,257.07	63.59	66.00	-95.48	1,310.35	4,302.72	1,452.25	1,323.72	128.53	11.299		
10,300.00	7,115.89	10,454.85	7,257.24	65.19	67.55	-95.51	1,310.77	4,402.72	1,452.13	1,320.44	131.69	11.027		

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,115.44	10,554.85	7,257.40	66.80	69.12	-95.53	1,311.20	4,502.72	1,452.00	1,317.15	134.85	10.767	
10,500.00	7,115.00	10,654.84	7,257.57	68.40	70.69	-95.56	1,311.62	4,602.71	1,451.88	1,313.86	138.02	10.519	
10,600.00	7,114.55	10,754.84	7,257.73	70.01	72.26	-95.58	1,312.05	4,702.71	1,451.76	1,310.56	141.20	10.282	
10,700.00	7,114.11	10,854.84	7,257.90	71.63	73.84	-95.61	1,312.47	4,802.71	1,451.64	1,307.25	144.38	10.054	
10,800.00	7,113.66	10,954.84	7,258.06	73.24	75.42	-95.63	1,312.90	4,902.70	1,451.51	1,303.94	147.57	9.836	
10,900.00	7,113.21	11,054.84	7,258.23	74.86	77.01	-95.66	1,313.32	5,002.70	1,451.39	1,300.62	150.77	9.627	
11,000.00	7,112.77	11,154.83	7,258.39	76.48	78.60	-95.68	1,313.75	5,102.70	1,451.27	1,297.30	153.97	9.426	
11,100.00	7,112.32	11,254.83	7,258.56	78.10	80.19	-95.70	1,314.17	5,202.69	1,451.15	1,293.97	157.18	9.233	
11,200.00	7,111.87	11,354.83	7,258.72	79.73	81.79	-95.73	1,314.60	5,302.69	1,451.03	1,290.64	160.39	9.047	
11,300.00	7,111.43	11,454.83	7,258.89	81.35	83.39	-95.75	1,315.02	5,402.69	1,450.91	1,287.31	163.60	8.869	
11,400.00	7,110.98	11,554.83	7,259.05	82.98	84.99	-95.78	1,315.45	5,502.69	1,450.79	1,283.97	166.82	8.697	
11,500.00	7,110.54	11,654.82	7,259.22	84.61	86.60	-95.80	1,315.87	5,602.68	1,450.67	1,280.63	170.04	8.531	
11,600.00	7,110.09	11,754.82	7,259.38	86.24	88.20	-95.83	1,316.29	5,702.68	1,450.55	1,277.28	173.27	8.372	
11,700.00	7,109.64	11,854.82	7,259.55	87.88	89.81	-95.85	1,316.72	5,802.68	1,450.43	1,273.93	176.50	8.218	
11,800.00	7,109.20	11,954.82	7,259.71	89.51	91.42	-95.88	1,317.14	5,902.67	1,450.31	1,270.58	179.73	8.069	
11,900.00	7,108.75	12,054.81	7,259.88	91.15	93.04	-95.90	1,317.57	6,002.67	1,450.19	1,267.22	182.97	7.926	
12,000.00	7,108.30	12,154.81	7,260.04	92.79	94.65	-95.93	1,317.99	6,102.67	1,450.07	1,263.87	186.20	7.788	
12,100.00	7,107.86	12,254.81	7,260.21	94.42	96.27	-95.95	1,318.42	6,202.66	1,449.95	1,260.51	189.44	7.654	
12,200.00	7,107.41	12,354.81	7,260.37	96.06	97.89	-95.98	1,318.84	6,302.66	1,449.84	1,257.15	192.69	7.524	
12,300.00	7,106.96	12,454.81	7,260.54	97.70	99.51	-96.00	1,319.27	6,402.66	1,449.72	1,253.78	195.93	7.399	
12,400.00	7,106.52	12,554.80	7,260.70	99.35	101.14	-96.03	1,319.69	6,502.65	1,449.60	1,250.42	199.18	7.278	
12,500.00	7,106.07	12,654.80	7,260.87	100.99	102.76	-96.05	1,320.12	6,602.65	1,449.48	1,247.05	202.43	7.160	
12,600.00	7,105.63	12,754.80	7,261.03	102.63	104.39	-96.08	1,320.54	6,702.65	1,449.37	1,243.68	205.68	7.047	
12,700.00	7,105.18	12,854.80	7,261.20	104.28	106.01	-96.10	1,320.97	6,802.65	1,449.25	1,240.31	208.94	6.936	
12,800.00	7,104.73	12,954.80	7,261.36	105.92	107.64	-96.13	1,321.39	6,902.64	1,449.13	1,236.94	212.19	6.829	
12,900.00	7,104.29	13,054.79	7,261.53	107.57	109.27	-96.15	1,321.82	7,002.64	1,449.02	1,233.57	215.45	6.726	
13,000.00	7,103.84	13,154.79	7,261.69	109.22	110.90	-96.18	1,322.24	7,102.64	1,448.90	1,230.19	218.71	6.625	
13,100.00	7,103.39	13,254.79	7,261.86	110.86	112.54	-96.20	1,322.66	7,202.63	1,448.78	1,226.82	221.97	6.527	
13,200.00	7,102.95	13,354.79	7,262.02	112.51	114.17	-96.23	1,323.09	7,302.63	1,448.67	1,223.44	225.23	6.432	
13,300.00	7,102.50	13,454.79	7,262.19	114.16	115.81	-96.25	1,323.51	7,402.63	1,448.55	1,220.06	228.49	6.340	
13,400.00	7,102.06	13,554.78	7,262.35	115.81	117.44	-96.27	1,323.94	7,502.62	1,448.44	1,216.68	231.75	6.250	
13,500.00	7,101.61	13,654.78	7,262.52	117.46	119.08	-96.30	1,324.36	7,602.62	1,448.32	1,213.30	235.02	6.163	
13,600.00	7,101.16	13,754.78	7,262.68	119.11	120.72	-96.32	1,324.79	7,702.62	1,448.21	1,209.92	238.29	6.078	
13,700.00	7,100.72	13,854.78	7,262.85	120.77	122.36	-96.35	1,325.21	7,802.61	1,448.09	1,206.54	241.55	5.995	
13,800.00	7,100.27	13,954.78	7,263.01	122.42	124.00	-96.37	1,325.64	7,902.61	1,447.98	1,203.16	244.82	5.914	
13,900.00	7,099.82	14,054.77	7,263.18	124.07	125.64	-96.40	1,326.06	8,002.61	1,447.87	1,199.78	248.09	5.836	
14,000.00	7,099.38	14,154.77	7,263.34	125.72	127.28	-96.42	1,326.49	8,102.61	1,447.75	1,196.39	251.36	5.760	
14,100.00	7,098.93	14,254.77	7,263.51	127.38	128.92	-96.45	1,326.91	8,202.60	1,447.64	1,193.01	254.63	5.685	
14,200.00	7,098.49	14,354.77	7,263.67	129.03	130.56	-96.47	1,327.34	8,302.60	1,447.53	1,189.62	257.90	5.613	
14,300.00	7,098.04	14,454.77	7,263.84	130.69	132.21	-96.50	1,327.76	8,402.60	1,447.42	1,186.24	261.18	5.542	
14,400.00	7,097.59	14,554.76	7,264.01	132.34	133.85	-96.52	1,328.19	8,502.59	1,447.30	1,182.85	264.45	5.473	
14,500.00	7,097.15	14,654.76	7,264.17	134.00	135.50	-96.55	1,328.61	8,602.59	1,447.19	1,179.47	267.72	5.406	
14,600.00	7,096.70	14,754.76	7,264.34	135.65	137.14	-96.57	1,329.04	8,702.59	1,447.08	1,176.08	271.00	5.340	
14,700.00	7,096.25	14,854.76	7,264.50	137.31	138.79	-96.60	1,329.46	8,802.58	1,446.97	1,172.69	274.28	5.276	
14,800.00	7,095.81	14,954.76	7,264.67	138.97	140.43	-96.62	1,329.88	8,902.58	1,446.86	1,169.31	277.55	5.213	
14,900.00	7,095.36	15,054.75	7,264.83	140.63	142.08	-96.65	1,330.31	9,002.58	1,446.75	1,165.92	280.83	5.152	
15,000.00	7,094.91	15,154.75	7,265.00	142.28	143.73	-96.67	1,330.73	9,102.57	1,446.64	1,162.53	284.11	5.092	
15,100.00	7,094.47	15,254.75	7,265.16	143.94	145.38	-96.70	1,331.16	9,202.57	1,446.53	1,159.14	287.38	5.033	
15,200.00	7,094.02	15,354.75	7,265.33	145.60	147.03	-96.72	1,331.58	9,302.57	1,446.42	1,155.75	290.66	4.976	
15,300.00	7,093.58	15,454.75	7,265.49	147.26	148.68	-96.75	1,332.01	9,402.57	1,446.31	1,152.37	293.94	4.920	
15,400.00	7,093.13	15,554.74	7,265.66	148.92	150.33	-96.77	1,332.43	9,502.56	1,446.20	1,148.98	297.22	4.866	
15,500.00	7,092.68	15,654.74	7,265.82	150.58	151.98	-96.80	1,332.86	9,602.56	1,446.09	1,145.59	300.50	4.812	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,092.24	15,754.74	7,265.99	152.23	153.63	-96.82	1,333.28	9,702.56	1,445.98	1,142.20	303.78	4.760	
15,700.00	7,091.79	15,854.74	7,266.15	153.89	155.28	-96.85	1,333.71	9,802.55	1,445.87	1,138.81	307.06	4.709	
15,800.00	7,091.34	15,954.74	7,266.32	155.55	156.93	-96.87	1,334.13	9,902.55	1,445.76	1,135.42	310.34	4.659	
15,900.00	7,090.90	16,054.73	7,266.48	157.21	158.59	-96.90	1,334.56	10,002.55	1,445.65	1,132.03	313.62	4.610	
16,000.00	7,090.45	16,154.73	7,266.65	158.87	160.24	-96.92	1,334.98	10,102.54	1,445.55	1,128.64	316.90	4.562	
16,100.00	7,090.01	16,254.73	7,266.81	160.54	161.89	-96.95	1,335.41	10,202.54	1,445.44	1,125.26	320.18	4.514	
16,200.00	7,089.56	16,354.73	7,266.98	162.20	163.55	-96.97	1,335.83	10,302.54	1,445.33	1,121.87	323.46	4.468	
16,300.00	7,089.11	16,454.73	7,267.14	163.86	165.20	-97.00	1,336.26	10,402.53	1,445.22	1,118.48	326.75	4.423	
16,400.00	7,088.67	16,554.72	7,267.31	165.52	166.85	-97.02	1,336.68	10,502.53	1,445.12	1,115.09	330.03	4.379	
16,500.00	7,088.22	16,654.72	7,267.47	167.18	168.51	-97.05	1,337.10	10,602.53	1,445.01	1,111.70	333.31	4.335	
16,600.00	7,087.77	16,754.72	7,267.64	168.84	170.16	-97.07	1,337.53	10,702.53	1,444.90	1,108.31	336.59	4.293	
16,700.00	7,087.33	16,854.72	7,267.80	170.50	171.82	-97.10	1,337.95	10,802.52	1,444.80	1,104.92	339.87	4.251	
16,800.00	7,086.88	16,954.72	7,267.97	172.17	173.48	-97.12	1,338.38	10,902.52	1,444.69	1,101.54	343.16	4.210	
16,900.00	7,086.43	17,054.71	7,268.13	173.83	175.13	-97.15	1,338.80	11,002.52	1,444.59	1,098.15	346.44	4.170	
17,000.00	7,085.99	17,154.71	7,268.30	175.49	176.79	-97.17	1,339.23	11,102.51	1,444.48	1,094.76	349.72	4.130	
17,100.00	7,085.54	17,254.71	7,268.46	177.15	178.44	-97.20	1,339.65	11,202.51	1,444.38	1,091.37	353.01	4.092	
17,200.00	7,085.10	17,354.71	7,268.63	178.82	180.10	-97.22	1,340.08	11,302.51	1,444.27	1,087.98	356.29	4.054	
17,300.00	7,084.65	17,454.71	7,268.79	180.48	181.76	-97.25	1,340.50	11,402.50	1,444.17	1,084.60	359.57	4.016	
17,400.00	7,084.20	17,554.70	7,268.96	182.14	183.42	-97.27	1,340.93	11,502.50	1,444.06	1,081.21	362.85	3.980	
17,500.00	7,083.76	17,654.70	7,269.12	183.81	185.07	-97.30	1,341.35	11,602.50	1,443.96	1,077.82	366.14	3.944	
17,600.00	7,083.31	17,754.70	7,269.29	185.47	186.73	-97.32	1,341.78	11,702.49	1,443.86	1,074.44	369.42	3.908	
17,700.00	7,082.86	17,854.70	7,269.45	187.13	188.39	-97.35	1,342.20	11,802.49	1,443.75	1,071.05	372.70	3.874	
17,800.00	7,082.42	17,954.69	7,269.62	188.80	190.05	-97.37	1,342.63	11,902.49	1,443.65	1,067.66	375.99	3.840	
17,900.00	7,081.97	18,054.69	7,269.78	190.46	191.71	-97.40	1,343.05	12,002.49	1,443.55	1,064.28	379.27	3.806	
17,993.68	7,081.55	18,148.37	7,269.94	192.02	193.26	-97.42	1,343.45	12,096.16	1,443.45	1,061.11	382.35	3.775 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.54	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	202.10	202.10	3.31	3.31	-89.54	1.46	-179.85	179.86	172.28	7.57	23.745	
299.14	299.13	306.07	306.04	3.35	3.35	173.34	2.76	-178.38	179.83	172.17	7.66	23.473	
300.00	299.99	306.97	306.94	3.35	3.35	173.34	2.78	-178.36	179.56	171.89	7.66	23.433	CC, ES
400.00	399.88	411.68	411.48	3.41	3.43	174.76	6.63	-173.99	180.00	172.22	7.79	23.114	
500.00	499.55	516.09	515.44	3.50	3.53	177.10	12.99	-166.80	181.49	173.53	7.96	22.808	
600.00	598.89	620.05	618.55	3.61	3.66	-179.73	21.81	-156.81	184.33	176.16	8.18	22.546	
700.00	697.76	723.44	720.53	3.76	3.82	-175.84	33.03	-144.11	188.97	180.52	8.45	22.362	
800.00	796.26	826.17	821.20	3.95	4.03	-171.38	46.58	-128.76	194.69	185.90	8.79	22.148	
900.00	894.76	928.14	920.32	4.17	4.28	-166.33	62.38	-110.87	199.82	190.61	9.20	21.712	
1,000.00	993.26	1,029.09	1,017.57	4.40	4.59	-160.70	80.32	-90.55	205.01	195.30	9.70	21.129	
1,100.00	1,091.76	1,127.93	1,111.88	4.66	4.94	-154.71	99.88	-68.41	211.12	200.83	10.29	20.515	
1,200.00	1,190.26	1,225.19	1,204.53	4.94	5.32	-149.04	119.49	-46.20	219.33	208.39	10.94	20.046	
1,300.00	1,288.76	1,322.46	1,297.17	5.23	5.73	-143.81	139.10	-24.00	229.60	217.97	11.63	19.734	
1,400.00	1,387.26	1,419.72	1,389.82	5.53	6.16	-139.05	158.71	-1.80	241.68	229.32	12.36	19.555	
1,500.00	1,485.76	1,516.99	1,482.46	5.84	6.61	-134.75	178.31	20.40	255.30	242.20	13.11	19.481	
1,600.00	1,584.26	1,614.26	1,575.11	6.16	7.06	-130.89	197.92	42.60	270.24	256.37	13.87	19.489	
1,700.00	1,682.75	1,711.52	1,667.75	6.49	7.53	-127.44	217.53	64.80	286.28	271.64	14.64	19.557	
1,800.00	1,781.25	1,808.79	1,760.40	6.83	7.99	-124.35	237.14	87.01	303.25	287.86	15.40	19.695	
1,900.00	1,879.75	1,906.05	1,853.05	7.01	8.25	-121.59	256.74	109.21	321.01	305.57	15.44	20.795	
2,000.00	1,978.25	2,003.32	1,945.69	7.05	8.32	-119.11	276.35	131.41	339.43	323.89	15.54	21.848	
2,100.00	2,076.75	2,100.58	2,038.34	7.11	8.42	-116.90	295.96	153.61	358.41	342.74	15.67	22.876	
2,200.00	2,175.25	2,202.15	2,130.98	7.18	8.55	-114.90	315.57	175.81	377.86	362.02	15.84	23.861	
2,300.00	2,273.75	2,304.88	2,223.63	7.27	8.69	-113.10	335.17	198.01	397.72	381.68	16.04	24.796	
2,400.00	2,372.25	2,392.38	2,316.27	7.37	8.84	-111.46	354.78	220.22	417.92	401.67	16.25	25.715	
2,500.00	2,470.75	2,489.65	2,408.92	7.49	9.01	-109.98	374.39	242.42	438.42	421.91	16.51	26.557	
2,600.00	2,569.25	2,586.91	2,501.57	7.62	9.20	-108.63	394.00	264.62	459.19	442.39	16.79	27.342	
2,700.00	2,667.74	2,684.18	2,594.21	7.76	9.41	-107.40	413.60	286.82	480.17	463.07	17.11	28.068	
2,800.00	2,766.24	2,781.44	2,686.86	7.92	9.64	-106.26	433.21	309.02	501.36	483.91	17.45	28.735	
2,900.00	2,864.74	2,878.71	2,779.50	8.08	9.87	-105.22	452.82	331.23	522.72	504.91	17.81	29.346	
3,000.00	2,963.24	2,975.98	2,872.15	8.26	10.12	-104.26	472.43	353.43	544.23	526.03	18.20	29.902	
3,100.00	3,061.74	3,073.24	2,964.80	8.45	10.38	-103.38	492.04	375.63	565.88	547.27	18.61	30.407	
3,200.00	3,160.24	3,170.51	3,057.44	8.65	10.66	-102.56	511.64	397.83	587.65	568.60	19.04	30.863	
3,300.00	3,258.74	3,267.77	3,150.09	8.85	10.94	-101.79	531.25	420.03	609.52	590.03	19.49	31.273	
3,400.00	3,357.24	3,365.04	3,242.73	9.07	11.23	-101.08	550.86	442.23	631.49	611.53	19.96	31.642	
3,500.00	3,455.74	3,462.30	3,335.38	9.29	11.53	-100.42	570.47	464.44	653.55	633.11	20.44	31.972	
3,600.00	3,554.23	3,559.57	3,428.02	9.52	11.84	-99.80	590.07	486.64	675.69	654.75	20.94	32.267	
3,700.00	3,652.73	3,656.84	3,520.67	9.76	12.16	-99.22	609.68	508.84	697.89	676.44	21.45	32.530	
3,800.00	3,751.23	3,754.10	3,613.32	10.00	12.48	-98.68	629.29	531.04	720.16	698.18	21.98	32.763	
3,900.00	3,849.73	3,851.37	3,705.96	10.25	12.81	-98.16	648.90	553.24	742.49	719.97	22.52	32.971	
4,000.00	3,948.23	3,948.63	3,798.61	10.50	13.14	-97.68	668.50	575.44	764.88	741.81	23.07	33.155	
4,100.00	4,046.73	4,045.90	3,891.25	10.76	13.49	-97.23	688.11	597.65	787.31	763.68	23.63	33.317	
4,200.00	4,145.23	4,143.16	3,983.90	11.02	13.83	-96.80	707.72	619.85	809.79	785.58	24.20	33.460	
4,300.00	4,243.73	4,240.43	4,076.55	11.29	14.18	-96.39	727.33	642.05	832.30	807.52	24.78	33.586	
4,400.00	4,342.23	4,337.70	4,169.19	11.56	14.54	-96.00	746.93	664.25	854.86	829.49	25.37	33.696	
4,500.00	4,440.72	4,434.96	4,261.84	11.84	14.90	-95.64	766.54	686.45	877.45	851.48	25.97	33.793	
4,600.00	4,539.22	4,532.23	4,354.48	12.12	15.26	-95.29	786.15	708.65	900.07	873.50	26.57	33.877	
4,700.00	4,637.72	4,629.49	4,447.13	12.40	15.63	-94.96	805.76	730.86	922.72	895.54	27.18	33.949	
4,800.00	4,736.22	4,726.76	4,539.77	12.69	16.00	-94.65	825.36	753.06	945.40	917.61	27.80	34.012	
4,900.00	4,834.72	4,824.02	4,632.42	12.97	16.37	-94.35	844.97	775.26	968.11	939.69	28.42	34.066	
5,000.00	4,933.22	4,921.29	4,725.07	13.26	16.74	-94.06	864.58	797.46	990.84	961.79	29.05	34.112	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	5,018.56	4,817.71	13.56	17.12	-93.79	884.19	819.66	1,013.59	983.91	29.68	34.150		
5,200.00	5,130.22	5,115.82	4,910.36	13.85	17.50	-93.53	903.80	841.86	1,036.37	1,006.05	30.32	34.183		
5,300.00	5,228.72	5,213.09	5,003.00	14.15	17.88	-93.28	923.40	864.07	1,059.16	1,028.20	30.96	34.209		
5,400.00	5,327.21	5,310.35	5,095.65	14.45	18.27	-93.04	943.01	886.27	1,081.97	1,050.36	31.61	34.230		
5,500.00	5,425.71	5,407.62	5,188.29	14.75	18.66	-92.81	962.62	908.47	1,104.80	1,072.54	32.26	34.247		
5,600.00	5,524.21	5,504.88	5,280.94	15.05	19.05	-92.59	982.23	930.67	1,127.64	1,094.73	32.91	34.260		
5,700.00	5,622.71	5,602.15	5,373.59	15.36	19.44	-92.38	1,001.83	952.87	1,150.50	1,116.93	33.57	34.268		
5,800.00	5,721.21	5,700.58	5,466.23	15.67	19.83	-92.17	1,021.44	975.07	1,173.38	1,139.14	34.24	34.269		
5,900.00	5,819.71	5,796.68	5,558.88	15.97	20.22	-91.98	1,041.05	997.28	1,196.27	1,161.37	34.90	34.277		
6,000.00	5,918.21	5,906.05	5,651.52	16.28	20.67	-91.79	1,060.66	1,019.48	1,219.17	1,183.55	35.62	34.232		
6,100.00	6,016.71	6,008.79	5,744.17	16.59	21.09	-91.61	1,080.26	1,041.68	1,242.08	1,205.77	36.31	34.210		
6,200.00	6,115.21	6,088.48	5,836.82	16.91	21.41	-91.43	1,099.87	1,063.88	1,265.00	1,228.09	36.91	34.270		
6,300.00	6,213.70	6,185.74	5,929.46	17.22	21.81	-91.26	1,119.48	1,086.08	1,287.94	1,250.35	37.59	34.263		
6,400.00	6,312.20	6,283.01	6,022.11	17.53	22.21	-91.10	1,139.09	1,108.29	1,310.88	1,272.61	38.27	34.255		
6,500.00	6,410.70	6,380.28	6,114.75	17.85	22.61	-90.94	1,158.69	1,130.49	1,333.84	1,294.89	38.95	34.246		
6,600.00	6,509.20	6,477.54	6,207.40	18.17	23.02	-90.79	1,178.30	1,152.69	1,356.80	1,317.17	39.63	34.235		
6,700.00	6,607.69	6,574.81	6,300.05	18.48	23.42	-89.99	1,197.91	1,174.89	1,379.77	1,339.45	40.32	34.223		
6,800.00	6,704.15	6,672.16	6,392.77	18.86	23.83	-84.82	1,217.53	1,197.11	1,401.51	1,360.42	41.09	34.112		
6,900.00	6,795.38	6,767.94	6,484.00	19.35	24.23	-82.66	1,236.84	1,218.97	1,420.93	1,378.94	41.99	33.839		
7,000.00	6,879.12	6,851.86	6,562.69	19.94	24.60	-81.51	1,253.52	1,242.70	1,438.43	1,395.44	42.99	33.459		
7,100.00	6,953.32	6,938.31	6,639.83	20.64	25.07	-80.85	1,269.93	1,277.96	1,454.29	1,410.08	44.21	32.895		
7,200.00	7,016.16	7,028.87	6,714.83	21.44	25.65	-80.59	1,285.96	1,325.97	1,468.23	1,422.56	45.67	32.151		
7,300.00	7,066.07	7,124.42	6,785.88	22.34	26.35	-80.69	1,301.22	1,387.87	1,479.97	1,432.60	47.37	31.242		
7,400.00	7,101.84	7,225.92	6,850.51	23.34	27.20	-81.12	1,315.22	1,464.73	1,489.26	1,439.93	49.32	30.193		
7,500.00	7,122.58	7,334.36	6,905.41	24.40	28.21	-81.88	1,327.24	1,557.31	1,495.81	1,444.30	51.51	29.040		
7,600.00	7,127.94	7,450.66	6,946.30	25.51	29.38	-82.96	1,336.40	1,665.62	1,499.36	1,445.48	53.88	27.826		
7,700.00	7,127.49	7,577.12	6,968.10	26.66	30.74	-83.83	1,341.62	1,789.88	1,500.88	1,444.44	56.44	26.594		
7,800.00	7,127.05	7,689.23	6,969.85	27.87	31.98	-83.91	1,342.56	1,901.93	1,500.86	1,441.95	58.92	25.474		
7,900.00	7,126.60	7,789.23	6,969.61	29.13	33.13	-83.92	1,343.01	2,001.92	1,500.70	1,439.32	61.38	24.451		
8,000.00	7,126.16	7,889.23	6,969.37	30.43	34.32	-83.93	1,343.47	2,101.92	1,500.53	1,436.61	63.92	23.477		
8,100.00	7,125.71	7,989.23	6,969.12	31.76	35.54	-83.93	1,343.93	2,201.92	1,500.36	1,433.83	66.53	22.553		
8,200.00	7,125.26	8,089.22	6,968.88	33.12	36.81	-83.94	1,344.39	2,301.92	1,500.19	1,430.99	69.20	21.680		
8,300.00	7,124.82	8,189.22	6,968.64	34.52	38.10	-83.95	1,344.85	2,401.92	1,500.02	1,428.09	71.93	20.855		
8,400.00	7,124.37	8,289.22	6,968.39	35.93	39.42	-83.95	1,345.31	2,501.92	1,499.85	1,425.14	74.70	20.077		
8,500.00	7,123.92	8,389.22	6,968.15	37.37	40.77	-83.96	1,345.77	2,601.91	1,499.68	1,422.15	77.53	19.344		
8,600.00	7,123.48	8,489.22	6,967.91	38.82	42.13	-83.97	1,346.23	2,701.91	1,499.51	1,419.12	80.39	18.653		
8,700.00	7,123.03	8,589.22	6,967.67	40.30	43.52	-83.98	1,346.68	2,801.91	1,499.34	1,416.06	83.29	18.003		
8,800.00	7,122.59	8,689.22	6,967.42	41.79	44.93	-83.98	1,347.14	2,901.91	1,499.17	1,412.96	86.21	17.389		
8,900.00	7,122.14	8,789.22	6,967.18	43.29	46.36	-83.99	1,347.60	3,001.91	1,499.00	1,409.83	89.17	16.810		
9,000.00	7,121.69	8,889.22	6,966.94	44.80	47.80	-84.00	1,348.06	3,101.91	1,498.83	1,406.68	92.15	16.264		
9,100.00	7,121.25	8,989.22	6,966.70	46.33	49.26	-84.00	1,348.52	3,201.90	1,498.66	1,403.50	95.16	15.749		
9,200.00	7,120.80	9,089.22	6,966.45	47.86	50.73	-84.01	1,348.98	3,301.90	1,498.49	1,400.31	98.19	15.261		
9,300.00	7,120.35	9,189.22	6,966.21	49.40	52.21	-84.02	1,349.44	3,401.90	1,498.33	1,397.09	101.24	14.800		
9,400.00	7,119.91	9,289.22	6,965.97	50.96	53.70	-84.03	1,349.90	3,501.90	1,498.16	1,393.85	104.30	14.364		
9,500.00	7,119.46	9,389.22	6,965.72	52.52	55.20	-84.03	1,350.35	3,601.90	1,497.99	1,390.60	107.38	13.950		
9,600.00	7,119.02	9,489.22	6,965.48	54.08	56.72	-84.04	1,350.81	3,701.90	1,497.82	1,387.34	110.48	13.558		
9,700.00	7,118.57	9,589.22	6,965.24	55.65	58.24	-84.05	1,351.27	3,801.89	1,497.65	1,384.06	113.59	13.185		
9,800.00	7,118.12	9,689.22	6,965.00	57.23	59.77	-84.05	1,351.73	3,901.89	1,497.48	1,380.77	116.71	12.831		
9,900.00	7,117.68	9,789.22	6,964.75	58.81	61.30	-84.06	1,352.19	4,001.89	1,497.31	1,377.47	119.84	12.494		
10,000.00	7,117.23	9,889.22	6,964.51	60.40	62.85	-84.07	1,352.65	4,101.89	1,497.14	1,374.15	122.99	12.173		
10,100.00	7,116.78	9,989.22	6,964.27	61.99	64.39	-84.08	1,353.11	4,201.89	1,496.97	1,370.83	126.14	11.867		
10,200.00	7,116.34	10,089.22	6,964.03	63.59	65.95	-84.08	1,353.57	4,301.89	1,496.80	1,367.50	129.31	11.576		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,115.89	10,189.22	6,963.78	65.19	67.51	-84.09	1,354.02	4,401.88	1,496.64	1,364.16	132.48	11.297	
10,400.00	7,115.44	10,289.22	6,963.54	66.80	69.08	-84.10	1,354.48	4,501.88	1,496.47	1,360.81	135.66	11.031	
10,500.00	7,115.00	10,389.22	6,963.30	68.40	70.65	-84.10	1,354.94	4,601.88	1,496.30	1,357.45	138.85	10.777	
10,600.00	7,114.55	10,489.22	6,963.05	70.01	72.22	-84.11	1,355.40	4,701.88	1,496.13	1,354.09	142.04	10.533	
10,700.00	7,114.11	10,589.22	6,962.81	71.63	73.80	-84.12	1,355.86	4,801.88	1,495.96	1,350.72	145.24	10.300	
10,800.00	7,113.66	10,689.22	6,962.57	73.24	75.39	-84.13	1,356.32	4,901.88	1,495.79	1,347.35	148.45	10.076	
10,900.00	7,113.21	10,789.22	6,962.33	74.86	76.97	-84.13	1,356.78	5,001.87	1,495.62	1,343.96	151.66	9.862	
11,000.00	7,112.77	10,889.22	6,962.08	76.48	78.57	-84.14	1,357.24	5,101.87	1,495.45	1,340.58	154.88	9.656	
11,100.00	7,112.32	10,989.22	6,961.84	78.10	80.16	-84.15	1,357.69	5,201.87	1,495.29	1,337.19	158.10	9.458	
11,200.00	7,111.87	11,089.22	6,961.60	79.73	81.76	-84.15	1,358.15	5,301.87	1,495.12	1,333.79	161.33	9.268	
11,300.00	7,111.43	11,189.22	6,961.35	81.35	83.36	-84.16	1,358.61	5,401.87	1,494.95	1,330.39	164.56	9.085	
11,400.00	7,110.98	11,289.21	6,961.11	82.98	84.96	-84.17	1,359.07	5,501.87	1,494.78	1,326.99	167.79	8.909	
11,500.00	7,110.54	11,389.21	6,960.87	84.61	86.57	-84.18	1,359.53	5,601.86	1,494.61	1,323.58	171.03	8.739	
11,600.00	7,110.09	11,489.21	6,960.63	86.24	88.17	-84.18	1,359.99	5,701.86	1,494.44	1,320.17	174.27	8.575	
11,700.00	7,109.64	11,589.21	6,960.38	87.88	89.78	-84.19	1,360.45	5,801.86	1,494.27	1,316.75	177.52	8.417	
11,800.00	7,109.20	11,689.21	6,960.14	89.51	91.40	-84.20	1,360.90	5,901.86	1,494.11	1,313.33	180.77	8.265	
11,900.00	7,108.75	11,789.21	6,959.90	91.15	93.01	-84.20	1,361.36	6,001.86	1,493.94	1,309.91	184.02	8.118	
12,000.00	7,108.30	11,889.21	6,959.66	92.79	94.63	-84.21	1,361.82	6,101.86	1,493.77	1,306.49	187.28	7.976	
12,100.00	7,107.86	11,989.21	6,959.41	94.42	96.25	-84.22	1,362.28	6,201.85	1,493.60	1,303.06	190.54	7.839	
12,200.00	7,107.41	12,089.21	6,959.17	96.06	97.87	-84.23	1,362.74	6,301.85	1,493.43	1,299.63	193.80	7.706	
12,300.00	7,106.96	12,189.21	6,958.93	97.70	99.49	-84.23	1,363.20	6,401.85	1,493.26	1,296.20	197.06	7.578	
12,400.00	7,106.52	12,289.21	6,958.68	99.35	101.11	-84.24	1,363.66	6,501.85	1,493.09	1,292.76	200.33	7.453	
12,500.00	7,106.07	12,389.21	6,958.44	100.99	102.74	-84.25	1,364.12	6,601.85	1,492.93	1,289.33	203.60	7.333	
12,600.00	7,105.63	12,489.21	6,958.20	102.63	104.37	-84.26	1,364.57	6,701.85	1,492.76	1,285.89	206.87	7.216	
12,700.00	7,105.18	12,589.21	6,957.96	104.28	105.99	-84.26	1,365.03	6,801.84	1,492.59	1,282.45	210.14	7.103	
12,800.00	7,104.73	12,689.21	6,957.71	105.92	107.62	-84.27	1,365.49	6,901.84	1,492.42	1,279.00	213.42	6.993	
12,900.00	7,104.29	12,789.21	6,957.47	107.57	109.25	-84.28	1,365.95	7,001.84	1,492.25	1,275.56	216.70	6.886	
13,000.00	7,103.84	12,889.21	6,957.23	109.22	110.89	-84.28	1,366.41	7,101.84	1,492.08	1,272.11	219.98	6.783	
13,100.00	7,103.39	12,989.21	6,956.98	110.86	112.52	-84.29	1,366.87	7,201.84	1,491.92	1,268.66	223.26	6.683	
13,200.00	7,102.95	13,089.21	6,956.74	112.51	114.15	-84.30	1,367.33	7,301.84	1,491.75	1,265.21	226.54	6.585	
13,300.00	7,102.50	13,189.21	6,956.50	114.16	115.79	-84.31	1,367.79	7,401.83	1,491.58	1,261.76	229.82	6.490	
13,400.00	7,102.06	13,289.21	6,956.26	115.81	117.43	-84.31	1,368.24	7,501.83	1,491.41	1,258.30	233.11	6.398	
13,500.00	7,101.61	13,389.21	6,956.01	117.46	119.06	-84.32	1,368.70	7,601.83	1,491.24	1,254.85	236.39	6.308	
13,600.00	7,101.16	13,489.21	6,955.77	119.11	120.70	-84.33	1,369.16	7,701.83	1,491.08	1,251.39	239.68	6.221	
13,700.00	7,100.72	13,589.21	6,955.53	120.77	122.34	-84.33	1,369.62	7,801.83	1,490.91	1,247.93	242.97	6.136	
13,800.00	7,100.27	13,689.21	6,955.29	122.42	123.98	-84.34	1,370.08	7,901.83	1,490.74	1,244.48	246.26	6.053	
13,900.00	7,099.82	13,789.21	6,955.04	124.07	125.62	-84.35	1,370.54	8,001.83	1,490.57	1,241.02	249.56	5.973	
14,000.00	7,099.38	13,889.21	6,954.80	125.72	127.26	-84.36	1,371.00	8,101.82	1,490.40	1,237.55	252.85	5.894	
14,100.00	7,098.93	13,989.21	6,954.56	127.38	128.91	-84.36	1,371.46	8,201.82	1,490.24	1,234.09	256.14	5.818	
14,200.00	7,098.49	14,089.21	6,954.31	129.03	130.55	-84.37	1,371.91	8,301.82	1,490.07	1,230.63	259.44	5.743	
14,300.00	7,098.04	14,189.21	6,954.07	130.69	132.19	-84.38	1,372.37	8,401.82	1,489.90	1,227.16	262.74	5.671	
14,400.00	7,097.59	14,289.21	6,953.83	132.34	133.84	-84.39	1,372.83	8,501.82	1,489.73	1,223.70	266.04	5.600	
14,500.00	7,097.15	14,389.20	6,953.59	134.00	135.48	-84.39	1,373.29	8,601.82	1,489.56	1,220.23	269.34	5.531	
14,600.00	7,096.70	14,489.20	6,953.34	135.65	137.13	-84.40	1,373.75	8,701.81	1,489.40	1,216.76	272.64	5.463	
14,700.00	7,096.25	14,589.20	6,953.10	137.31	138.78	-84.41	1,374.21	8,801.81	1,489.23	1,213.29	275.94	5.397	
14,800.00	7,095.81	14,689.20	6,952.86	138.97	140.42	-84.41	1,374.67	8,901.81	1,489.06	1,209.82	279.24	5.333	
14,900.00	7,095.36	14,789.20	6,952.62	140.63	142.07	-84.42	1,375.13	9,001.81	1,488.89	1,206.35	282.54	5.270	
15,000.00	7,094.91	14,889.20	6,952.37	142.28	143.72	-84.43	1,375.58	9,101.81	1,488.72	1,202.88	285.84	5.208	
15,100.00	7,094.47	14,989.20	6,952.13	143.94	145.37	-84.44	1,376.04	9,201.81	1,488.56	1,199.41	289.15	5.148	
15,200.00	7,094.02	15,089.20	6,951.89	145.60	147.02	-84.44	1,376.50	9,301.80	1,488.39	1,195.94	292.45	5.089	
15,300.00	7,093.58	15,189.20	6,951.64	147.26	148.67	-84.45	1,376.96	9,401.80	1,488.22	1,192.46	295.76	5.032	
15,400.00	7,093.13	15,289.20	6,951.40	148.92	150.32	-84.46	1,377.42	9,501.80	1,488.05	1,188.99	299.07	4.976	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,092.68	15,389.20	6,951.16	150.58	151.97	-84.46	1,377.88	9,601.80	1,487.89	1,185.51	302.37	4.921	
15,600.00	7,092.24	15,489.20	6,950.92	152.23	153.62	-84.47	1,378.34	9,701.80	1,487.72	1,182.04	305.68	4.867	
15,700.00	7,091.79	15,589.20	6,950.67	153.89	155.27	-84.48	1,378.80	9,801.80	1,487.55	1,178.56	308.99	4.814	
15,800.00	7,091.34	15,689.20	6,950.43	155.55	156.93	-84.49	1,379.25	9,901.79	1,487.38	1,175.08	312.30	4.763	
15,900.00	7,090.90	15,789.20	6,950.19	157.21	158.58	-84.49	1,379.71	10,001.79	1,487.22	1,171.60	315.61	4.712	
16,000.00	7,090.45	15,889.20	6,949.94	158.87	160.23	-84.50	1,380.17	10,101.79	1,487.05	1,168.13	318.92	4.663	
16,100.00	7,090.01	15,989.20	6,949.70	160.54	161.89	-84.51	1,380.63	10,201.79	1,486.88	1,164.65	322.23	4.614	
16,200.00	7,089.56	16,089.20	6,949.46	162.20	163.54	-84.52	1,381.09	10,301.79	1,486.71	1,161.17	325.55	4.567	
16,300.00	7,089.11	16,189.20	6,949.22	163.86	165.19	-84.52	1,381.55	10,401.79	1,486.55	1,157.69	328.86	4.520	
16,400.00	7,088.67	16,289.20	6,948.97	165.52	166.85	-84.53	1,382.01	10,501.78	1,486.38	1,154.21	332.17	4.475	
16,500.00	7,088.22	16,389.20	6,948.73	167.18	168.50	-84.54	1,382.47	10,601.78	1,486.21	1,150.73	335.49	4.430	
16,600.00	7,087.77	16,489.20	6,948.49	168.84	170.16	-84.54	1,382.92	10,701.78	1,486.04	1,147.24	338.80	4.386	
16,700.00	7,087.33	16,589.20	6,948.25	170.50	171.81	-84.55	1,383.38	10,801.78	1,485.88	1,143.76	342.11	4.343	
16,800.00	7,086.88	16,689.20	6,948.00	172.17	173.47	-84.56	1,383.84	10,901.78	1,485.71	1,140.28	345.43	4.301	
16,900.00	7,086.43	16,789.20	6,947.76	173.83	175.13	-84.57	1,384.30	11,001.78	1,485.54	1,136.80	348.75	4.260	
17,000.00	7,085.99	16,889.20	6,947.52	175.49	176.78	-84.57	1,384.76	11,101.77	1,485.37	1,133.31	352.06	4.219	
17,100.00	7,085.54	16,989.20	6,947.27	177.15	178.44	-84.58	1,385.22	11,201.77	1,485.21	1,129.83	355.38	4.179	
17,200.00	7,085.10	17,089.20	6,947.03	178.82	180.10	-84.59	1,385.68	11,301.77	1,485.04	1,126.34	358.70	4.140	
17,300.00	7,084.65	17,189.20	6,946.79	180.48	181.76	-84.60	1,386.13	11,401.77	1,484.87	1,122.86	362.01	4.102	
17,400.00	7,084.20	17,289.20	6,946.55	182.14	183.41	-84.60	1,386.59	11,501.77	1,484.71	1,119.37	365.33	4.064	
17,500.00	7,083.76	17,389.20	6,946.30	183.81	185.07	-84.61	1,387.05	11,601.77	1,484.54	1,115.89	368.65	4.027	
17,600.00	7,083.31	17,489.20	6,946.06	185.47	186.73	-84.62	1,387.51	11,701.76	1,484.37	1,112.40	371.97	3.991	
17,700.00	7,082.86	17,589.19	6,945.82	187.13	188.39	-84.62	1,387.97	11,801.76	1,484.20	1,108.92	375.29	3.955	
17,800.00	7,082.42	17,689.19	6,945.57	188.80	190.05	-84.63	1,388.43	11,901.76	1,484.04	1,105.43	378.61	3.920	
17,900.00	7,081.97	17,789.19	6,945.33	190.46	191.71	-84.64	1,388.89	12,001.76	1,483.87	1,101.94	381.93	3.885	
17,993.68	7,081.55	17,882.88	6,945.10	192.02	193.26	-84.65	1,389.32	12,095.44	1,483.71	1,098.68	385.04	3.853 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.58	1.46	-199.90	199.90				
100.00	100.00	102.00	102.00	3.28	3.28	-89.58	1.46	-199.90	199.90	192.37	7.53	26.551	
200.00	200.00	202.00	202.00	3.31	3.31	-89.58	1.46	-199.90	199.90	192.33	7.57	26.391	CC, ES
300.00	299.99	303.92	303.92	3.35	3.35	172.91	1.65	-199.71	200.83	193.17	7.66	26.208	
400.00	399.88	409.07	409.01	3.41	3.42	173.74	4.00	-197.31	203.09	195.30	7.79	26.071	
500.00	499.55	514.02	513.70	3.50	3.52	175.42	9.03	-192.17	206.37	198.41	7.96	25.924	
600.00	598.89	618.59	617.70	3.61	3.65	177.87	16.71	-184.33	210.90	202.72	8.18	25.798	
700.00	697.76	722.65	720.71	3.76	3.80	-179.01	26.98	-173.84	217.04	208.60	8.44	25.715	
800.00	796.26	826.12	822.53	3.95	3.98	-175.34	39.79	-160.76	224.00	215.24	8.76	25.569	
900.00	894.76	928.92	922.99	4.17	4.21	-171.14	55.05	-145.18	230.03	220.88	9.14	25.160	
1,000.00	993.26	1,030.81	1,021.72	4.40	4.49	-166.43	72.65	-127.20	235.63	226.03	9.60	24.548	
1,100.00	1,091.76	1,131.54	1,118.39	4.66	4.82	-161.24	92.46	-106.97	241.48	231.34	10.14	23.818	
1,200.00	1,190.26	1,230.28	1,212.17	4.94	5.19	-155.71	114.08	-84.89	248.34	237.57	10.76	23.076	
1,300.00	1,288.76	1,326.97	1,303.72	5.23	5.59	-150.42	135.83	-62.69	257.27	245.83	11.44	22.483	
1,400.00	1,387.26	1,423.66	1,395.28	5.53	6.02	-145.51	157.57	-40.48	268.35	256.18	12.17	22.059	
1,500.00	1,485.76	1,520.35	1,486.84	5.84	6.47	-141.00	179.32	-18.28	281.31	268.40	12.92	21.781	
1,600.00	1,584.26	1,617.04	1,578.39	6.16	6.93	-136.89	201.06	3.93	295.91	282.23	13.69	21.623	
1,700.00	1,682.75	1,713.72	1,669.95	6.49	7.41	-133.17	222.81	26.14	311.92	297.45	14.47	21.559	
1,800.00	1,781.25	1,810.41	1,761.51	6.83	7.88	-129.82	244.55	48.34	329.13	313.90	15.24	21.602	
1,900.00	1,879.75	1,907.10	1,853.06	7.01	8.15	-126.79	266.30	70.55	347.37	332.07	15.30	22.704	
2,000.00	1,978.25	2,003.79	1,944.62	7.05	8.22	-124.06	288.04	92.75	366.48	351.08	15.39	23.807	
2,100.00	2,076.75	2,100.47	2,036.17	7.11	8.32	-121.60	309.79	114.96	386.33	370.79	15.53	24.871	
2,200.00	2,175.25	2,202.84	2,127.73	7.18	8.46	-119.38	331.53	137.16	406.81	391.10	15.71	25.889	
2,300.00	2,273.75	2,306.15	2,219.29	7.27	8.62	-117.37	353.28	159.37	427.84	411.91	15.93	26.858	
2,400.00	2,372.25	2,409.46	2,310.84	7.37	8.80	-115.55	375.02	181.57	449.33	433.15	16.18	27.772	
2,500.00	2,470.75	2,487.22	2,402.40	7.49	8.95	-113.89	396.77	203.78	471.22	454.81	16.41	28.712	
2,600.00	2,569.25	2,583.91	2,493.96	7.62	9.15	-112.37	418.51	225.98	493.47	476.76	16.71	29.536	
2,700.00	2,667.74	2,680.60	2,585.51	7.76	9.37	-110.99	440.25	248.19	516.01	498.98	17.03	30.300	
2,800.00	2,766.24	2,777.29	2,677.07	7.92	9.61	-109.72	462.00	270.40	538.83	521.45	17.38	31.003	
2,900.00	2,864.74	2,873.98	2,768.63	8.08	9.86	-108.55	483.74	292.60	561.87	544.12	17.75	31.648	
3,000.00	2,963.24	2,970.66	2,860.18	8.26	10.12	-107.48	505.49	314.81	585.12	566.97	18.15	32.235	
3,100.00	3,061.74	3,067.35	2,951.74	8.45	10.40	-106.48	527.23	337.01	608.56	589.99	18.57	32.769	
3,200.00	3,160.24	3,164.04	3,043.30	8.65	10.68	-105.56	548.98	359.22	632.15	613.14	19.01	33.252	
3,300.00	3,258.74	3,260.73	3,134.85	8.85	10.98	-104.71	570.72	381.42	655.89	636.42	19.47	33.687	
3,400.00	3,357.24	3,357.41	3,226.41	9.07	11.29	-103.91	592.47	403.63	679.76	659.82	19.95	34.078	
3,500.00	3,455.74	3,454.10	3,317.97	9.29	11.60	-103.17	614.21	425.83	703.75	683.31	20.44	34.429	
3,600.00	3,554.23	3,550.79	3,409.52	9.52	11.92	-102.48	635.96	448.04	727.84	706.89	20.95	34.744	
3,700.00	3,652.73	3,647.48	3,501.08	9.76	12.26	-101.83	657.70	470.24	752.02	730.55	21.47	35.024	
3,800.00	3,751.23	3,744.16	3,592.63	10.00	12.59	-101.22	679.45	492.45	776.30	754.29	22.01	35.274	
3,900.00	3,849.73	3,840.85	3,684.19	10.25	12.94	-100.65	701.19	514.65	800.64	778.09	22.56	35.497	
4,000.00	3,948.23	3,937.54	3,775.75	10.50	13.29	-100.11	722.94	536.86	825.06	801.95	23.11	35.695	
4,100.00	4,046.73	4,034.23	3,867.30	10.76	13.64	-99.60	744.68	559.07	849.55	825.87	23.68	35.870	
4,200.00	4,145.23	4,130.91	3,958.86	11.02	14.00	-99.12	766.43	581.27	874.09	849.83	24.26	36.025	
4,300.00	4,243.73	4,227.60	4,050.42	11.29	14.37	-98.67	788.17	603.48	898.69	873.84	24.85	36.162	
4,400.00	4,342.23	4,324.29	4,141.97	11.56	14.74	-98.24	809.92	625.68	923.34	897.89	25.45	36.283	
4,500.00	4,440.72	4,420.98	4,233.53	11.84	15.11	-97.84	831.66	647.89	948.04	921.98	26.05	36.389	
4,600.00	4,539.22	4,517.67	4,325.09	12.12	15.49	-97.45	853.41	670.09	972.78	946.11	26.66	36.482	
4,700.00	4,637.72	4,614.35	4,416.64	12.40	15.87	-97.08	875.15	692.30	997.55	970.27	27.28	36.563	
4,800.00	4,736.22	4,711.04	4,508.20	12.69	16.26	-96.73	896.90	714.50	1,022.37	994.46	27.91	36.633	
4,900.00	4,834.72	4,807.73	4,599.76	12.97	16.64	-96.40	918.64	736.71	1,047.22	1,018.68	28.54	36.694	
5,000.00	4,933.22	4,904.42	4,691.31	13.26	17.03	-96.08	940.39	758.91	1,072.10	1,042.92	29.17	36.747	
5,100.00	5,031.72	5,001.10	4,782.87	13.56	17.42	-95.78	962.13	781.12	1,097.01	1,067.19	29.82	36.792	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,130.22	5,102.21	4,874.43	13.85	17.84	-95.49	983.88	803.33	1,121.94	1,091.47	30.48	36.810		
5,300.00	5,228.72	5,205.52	4,965.98	14.15	18.26	-95.21	1,005.62	825.53	1,146.91	1,115.75	31.16	36.812		
5,400.00	5,327.21	5,308.83	5,057.54	14.45	18.69	-94.95	1,027.36	847.74	1,171.90	1,140.06	31.84	36.809		
5,500.00	5,425.71	5,387.85	5,149.09	14.75	19.02	-94.69	1,049.11	869.94	1,196.91	1,164.48	32.43	36.911		
5,600.00	5,524.21	5,484.54	5,240.65	15.05	19.42	-94.45	1,070.85	892.15	1,221.94	1,188.85	33.09	36.928		
5,700.00	5,622.71	5,581.23	5,332.21	15.36	19.82	-94.21	1,092.60	914.35	1,246.99	1,213.23	33.76	36.941		
5,800.00	5,721.21	5,677.92	5,423.76	15.67	20.23	-93.99	1,114.34	936.56	1,272.06	1,237.63	34.43	36.951		
5,900.00	5,819.71	5,774.61	5,515.32	15.97	20.64	-93.77	1,136.09	958.76	1,297.15	1,262.05	35.10	36.958		
6,000.00	5,918.21	5,871.29	5,606.88	16.28	21.05	-93.57	1,157.83	980.97	1,322.25	1,286.48	35.77	36.962		
6,100.00	6,016.71	5,967.98	5,698.43	16.59	21.46	-93.37	1,179.58	1,003.17	1,347.37	1,310.92	36.45	36.963		
6,200.00	6,115.21	6,064.67	5,789.99	16.91	21.87	-93.17	1,201.32	1,025.38	1,372.51	1,335.38	37.13	36.962		
6,300.00	6,213.70	6,161.36	5,881.55	17.22	22.28	-92.99	1,223.07	1,047.59	1,397.66	1,359.84	37.82	36.959		
6,400.00	6,312.20	6,258.04	5,973.10	17.53	22.70	-92.81	1,244.81	1,069.79	1,422.82	1,384.32	38.50	36.954		
6,500.00	6,410.70	6,354.73	6,064.66	17.85	23.11	-92.63	1,266.56	1,092.00	1,448.00	1,408.81	39.19	36.947		
6,600.00	6,509.20	6,451.42	6,156.22	18.17	23.53	-92.47	1,288.30	1,114.20	1,473.18	1,433.30	39.88	36.939		
6,700.00	6,607.69	6,548.11	6,247.77	18.48	23.94	-91.63	1,310.05	1,136.41	1,498.38	1,457.80	40.57	36.929		
6,800.00	6,704.15	6,644.90	6,339.43	18.86	24.36	-86.18	1,331.82	1,158.64	1,522.59	1,481.24	41.35	36.824		
6,900.00	6,795.38	6,740.19	6,429.66	19.35	24.78	-83.66	1,353.25	1,180.52	1,544.83	1,502.57	42.26	36.558		
7,000.00	6,879.12	6,831.60	6,516.23	19.94	25.17	-82.41	1,373.81	1,201.52	1,565.13	1,521.84	43.29	36.155		
7,100.00	6,953.32	6,916.91	6,597.01	20.64	25.54	-81.91	1,392.99	1,221.11	1,583.93	1,539.50	44.43	35.650		
7,200.00	7,016.16	6,994.01	6,670.01	21.44	25.88	-81.80	1,410.33	1,238.81	1,601.97	1,556.31	45.66	35.086		
7,300.00	7,066.07	7,075.04	6,746.11	22.34	26.25	-82.12	1,428.42	1,259.83	1,619.95	1,572.90	47.05	34.431		
7,400.00	7,101.84	7,173.25	6,834.11	23.34	26.78	-82.97	1,449.41	1,297.78	1,637.58	1,588.87	48.71	33.616		
7,500.00	7,122.58	7,293.35	6,932.38	24.40	27.56	-84.41	1,472.96	1,362.37	1,654.34	1,603.64	50.70	32.629		
7,600.00	7,127.94	7,451.60	7,040.66	25.51	28.80	-86.87	1,499.13	1,474.19	1,669.20	1,616.07	53.13	31.414		
7,700.00	7,127.49	7,685.25	7,143.96	26.66	31.02	-90.48	1,524.62	1,680.73	1,680.03	1,623.67	56.37	29.806		
7,800.00	7,127.05	7,908.06	7,169.95	27.87	33.38	-91.39	1,531.92	1,900.91	1,682.27	1,622.61	59.66	28.199		
7,900.00	7,126.60	8,008.06	7,169.80	29.13	34.49	-91.40	1,532.42	2,000.91	1,682.16	1,620.08	62.08	27.096		
8,000.00	7,126.16	8,108.06	7,169.66	30.43	35.64	-91.41	1,532.91	2,100.90	1,682.05	1,617.47	64.59	26.043		
8,100.00	7,125.71	8,208.06	7,169.51	31.76	36.83	-91.42	1,533.41	2,200.90	1,681.95	1,614.78	67.17	25.042		
8,200.00	7,125.26	8,308.06	7,169.36	33.12	38.06	-91.43	1,533.90	2,300.90	1,681.84	1,612.03	69.81	24.092		
8,300.00	7,124.82	8,408.06	7,169.22	34.52	39.32	-91.45	1,534.40	2,400.90	1,681.74	1,609.23	72.51	23.193		
8,400.00	7,124.37	8,508.05	7,169.07	35.93	40.61	-91.46	1,534.89	2,500.90	1,681.63	1,606.37	75.26	22.343		
8,500.00	7,123.92	8,608.05	7,168.93	37.37	41.92	-91.47	1,535.38	2,600.90	1,681.53	1,603.46	78.06	21.541		
8,600.00	7,123.48	8,708.05	7,168.78	38.82	43.26	-91.48	1,535.88	2,700.89	1,681.42	1,600.52	80.90	20.783		
8,700.00	7,123.03	8,808.05	7,168.64	40.30	44.62	-91.49	1,536.37	2,800.89	1,681.32	1,597.53	83.78	20.068		
8,800.00	7,122.59	8,908.05	7,168.49	41.79	46.00	-91.50	1,536.87	2,900.89	1,681.21	1,594.52	86.69	19.393		
8,900.00	7,122.14	9,008.05	7,168.34	43.29	47.40	-91.51	1,537.36	3,000.89	1,681.10	1,591.47	89.63	18.755		
9,000.00	7,121.69	9,108.05	7,168.20	44.80	48.82	-91.52	1,537.85	3,100.89	1,681.00	1,588.40	92.60	18.153		
9,100.00	7,121.25	9,208.05	7,168.05	46.33	50.25	-91.53	1,538.35	3,200.88	1,680.89	1,585.30	95.59	17.584		
9,200.00	7,120.80	9,308.05	7,167.91	47.86	51.69	-91.54	1,538.84	3,300.88	1,680.79	1,582.18	98.61	17.045		
9,300.00	7,120.35	9,408.05	7,167.76	49.40	53.15	-91.55	1,539.34	3,400.88	1,680.68	1,579.04	101.64	16.535		
9,400.00	7,119.91	9,508.05	7,167.62	50.96	54.63	-91.56	1,539.83	3,500.88	1,680.58	1,575.88	104.70	16.052		
9,500.00	7,119.46	9,608.05	7,167.47	52.52	56.11	-91.57	1,540.33	3,600.88	1,680.47	1,572.70	107.77	15.593		
9,600.00	7,119.02	9,708.05	7,167.32	54.08	57.60	-91.58	1,540.82	3,700.87	1,680.37	1,569.51	110.86	15.158		
9,700.00	7,118.57	9,808.05	7,167.18	55.65	59.10	-91.59	1,541.31	3,800.87	1,680.26	1,566.31	113.96	14.745		
9,800.00	7,118.12	9,908.05	7,167.03	57.23	60.61	-91.60	1,541.81	3,900.87	1,680.16	1,563.09	117.07	14.352		
9,900.00	7,117.68	10,008.05	7,166.89	58.81	62.13	-91.61	1,542.30	4,000.87	1,680.05	1,559.86	120.20	13.977		
10,000.00	7,117.23	10,108.05	7,166.74	60.40	63.66	-91.62	1,542.80	4,100.87	1,679.95	1,556.61	123.34	13.621		
10,100.00	7,116.78	10,208.05	7,166.59	61.99	65.19	-91.63	1,543.29	4,200.87	1,679.84	1,553.36	126.48	13.281		
10,200.00	7,116.34	10,308.05	7,166.45	63.59	66.73	-91.64	1,543.78	4,300.86	1,679.74	1,550.10	129.64	12.957		
10,300.00	7,115.89	10,408.04	7,166.30	65.19	68.28	-91.65	1,544.28	4,400.86	1,679.63	1,546.83	132.81	12.647		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,115.44	10,508.04	7,166.16	66.80	69.83	-91.66	1,544.77	4,500.86	1,679.53	1,543.55	135.98	12.351	
10,500.00	7,115.00	10,608.04	7,166.01	68.40	71.39	-91.67	1,545.27	4,600.86	1,679.43	1,540.26	139.17	12.068	
10,600.00	7,114.55	10,708.04	7,165.87	70.01	72.95	-91.68	1,545.76	4,700.86	1,679.32	1,536.97	142.36	11.797	
10,700.00	7,114.11	10,808.04	7,165.72	71.63	74.52	-91.69	1,546.25	4,800.85	1,679.22	1,533.66	145.55	11.537	
10,800.00	7,113.66	10,908.04	7,165.57	73.24	76.09	-91.70	1,546.75	4,900.85	1,679.11	1,530.36	148.76	11.288	
10,900.00	7,113.21	11,008.04	7,165.43	74.86	77.67	-91.71	1,547.24	5,000.85	1,679.01	1,527.04	151.96	11.049	
11,000.00	7,112.77	11,108.04	7,165.28	76.48	79.25	-91.72	1,547.74	5,100.85	1,678.90	1,523.73	155.18	10.819	
11,100.00	7,112.32	11,208.04	7,165.14	78.10	80.83	-91.73	1,548.23	5,200.85	1,678.80	1,520.40	158.40	10.599	
11,200.00	7,111.87	11,308.04	7,164.99	79.73	82.42	-91.75	1,548.73	5,300.85	1,678.70	1,517.07	161.62	10.386	
11,300.00	7,111.43	11,408.04	7,164.85	81.35	84.01	-91.76	1,549.22	5,400.84	1,678.59	1,513.74	164.85	10.182	
11,400.00	7,110.98	11,508.04	7,164.70	82.98	85.60	-91.77	1,549.71	5,500.84	1,678.49	1,510.40	168.09	9.986	
11,500.00	7,110.54	11,608.04	7,164.55	84.61	87.20	-91.78	1,550.21	5,600.84	1,678.38	1,507.06	171.32	9.797	
11,600.00	7,110.09	11,708.04	7,164.41	86.24	88.80	-91.79	1,550.70	5,700.84	1,678.28	1,503.72	174.57	9.614	
11,700.00	7,109.64	11,808.04	7,164.26	87.88	90.40	-91.80	1,551.20	5,800.84	1,678.18	1,500.37	177.81	9.438	
11,800.00	7,109.20	11,908.04	7,164.12	89.51	92.00	-91.81	1,551.69	5,900.83	1,678.07	1,497.01	181.06	9.268	
11,900.00	7,108.75	12,008.04	7,163.97	91.15	93.61	-91.82	1,552.18	6,000.83	1,677.97	1,493.66	184.31	9.104	
12,000.00	7,108.30	12,108.04	7,163.83	92.79	95.22	-91.83	1,552.68	6,100.83	1,677.87	1,490.30	187.57	8.946	
12,100.00	7,107.86	12,208.04	7,163.68	94.42	96.83	-91.84	1,553.17	6,200.83	1,677.76	1,486.94	190.82	8.792	
12,200.00	7,107.41	12,308.04	7,163.53	96.06	98.44	-91.85	1,553.67	6,300.83	1,677.66	1,483.57	194.08	8.644	
12,300.00	7,106.96	12,408.03	7,163.39	97.70	100.06	-91.86	1,554.16	6,400.83	1,677.55	1,480.21	197.35	8.501	
12,400.00	7,106.52	12,508.03	7,163.24	99.35	101.67	-91.87	1,554.66	6,500.82	1,677.45	1,476.84	200.61	8.362	
12,500.00	7,106.07	12,608.03	7,163.10	100.99	103.29	-91.88	1,555.15	6,600.82	1,677.35	1,473.47	203.88	8.227	
12,600.00	7,105.63	12,708.03	7,162.95	102.63	104.91	-91.89	1,555.64	6,700.82	1,677.24	1,470.09	207.15	8.097	
12,700.00	7,105.18	12,808.03	7,162.81	104.28	106.54	-91.90	1,556.14	6,800.82	1,677.14	1,466.72	210.42	7.970	
12,800.00	7,104.73	12,908.03	7,162.66	105.92	108.16	-91.91	1,556.63	6,900.82	1,677.04	1,463.34	213.70	7.848	
12,900.00	7,104.29	13,008.03	7,162.51	107.57	109.78	-91.92	1,557.13	7,000.81	1,676.93	1,459.96	216.97	7.729	
13,000.00	7,103.84	13,108.03	7,162.37	109.22	111.41	-91.93	1,557.62	7,100.81	1,676.83	1,456.58	220.25	7.613	
13,100.00	7,103.39	13,208.03	7,162.22	110.86	113.04	-91.94	1,558.11	7,200.81	1,676.73	1,453.20	223.53	7.501	
13,200.00	7,102.95	13,308.03	7,162.08	112.51	114.67	-91.95	1,558.61	7,300.81	1,676.63	1,449.81	226.81	7.392	
13,300.00	7,102.50	13,408.03	7,161.93	114.16	116.30	-91.96	1,559.10	7,400.81	1,676.52	1,446.43	230.10	7.286	
13,400.00	7,102.06	13,508.03	7,161.79	115.81	117.93	-91.97	1,559.60	7,500.81	1,676.42	1,443.04	233.38	7.183	
13,500.00	7,101.61	13,608.03	7,161.64	117.46	119.56	-91.98	1,560.09	7,600.80	1,676.32	1,439.65	236.67	7.083	
13,600.00	7,101.16	13,708.03	7,161.49	119.11	121.19	-91.99	1,560.59	7,700.80	1,676.21	1,436.26	239.96	6.986	
13,700.00	7,100.72	13,808.03	7,161.35	120.77	122.83	-92.00	1,561.08	7,800.80	1,676.11	1,432.87	243.25	6.891	
13,800.00	7,100.27	13,908.03	7,161.20	122.42	124.46	-92.02	1,561.57	7,900.80	1,676.01	1,429.47	246.54	6.798	
13,900.00	7,099.82	14,008.03	7,161.06	124.07	126.10	-92.03	1,562.07	8,000.80	1,675.91	1,426.08	249.83	6.708	
14,000.00	7,099.38	14,108.03	7,160.91	125.72	127.74	-92.04	1,562.56	8,100.79	1,675.80	1,422.68	253.12	6.621	
14,100.00	7,098.93	14,208.03	7,160.77	127.38	129.38	-92.05	1,563.06	8,200.79	1,675.70	1,419.29	256.41	6.535	
14,200.00	7,098.49	14,308.02	7,160.62	129.03	131.01	-92.06	1,563.55	8,300.79	1,675.60	1,415.89	259.71	6.452	
14,300.00	7,098.04	14,408.02	7,160.47	130.69	132.65	-92.07	1,564.04	8,400.79	1,675.50	1,412.49	263.01	6.371	
14,400.00	7,097.59	14,508.02	7,160.33	132.34	134.29	-92.08	1,564.54	8,500.79	1,675.39	1,409.09	266.30	6.291	
14,500.00	7,097.15	14,608.02	7,160.18	134.00	135.94	-92.09	1,565.03	8,600.78	1,675.29	1,405.69	269.60	6.214	
14,600.00	7,096.70	14,708.02	7,160.04	135.65	137.58	-92.10	1,565.53	8,700.78	1,675.19	1,402.29	272.90	6.138	
14,700.00	7,096.25	14,808.02	7,159.89	137.31	139.22	-92.11	1,566.02	8,800.78	1,675.09	1,398.89	276.20	6.065	
14,800.00	7,095.81	14,908.02	7,159.74	138.97	140.87	-92.12	1,566.51	8,900.78	1,674.99	1,395.48	279.50	5.993	
14,900.00	7,095.36	15,008.02	7,159.60	140.63	142.51	-92.13	1,567.01	9,000.78	1,674.88	1,392.08	282.80	5.922	
15,000.00	7,094.91	15,108.02	7,159.45	142.28	144.15	-92.14	1,567.50	9,100.78	1,674.78	1,388.67	286.11	5.854	
15,100.00	7,094.47	15,208.02	7,159.31	143.94	145.80	-92.15	1,568.00	9,200.77	1,674.68	1,385.27	289.41	5.787	
15,200.00	7,094.02	15,308.02	7,159.16	145.60	147.45	-92.16	1,568.49	9,300.77	1,674.58	1,381.86	292.72	5.721	
15,300.00	7,093.58	15,408.02	7,159.02	147.26	149.09	-92.17	1,568.99	9,400.77	1,674.48	1,378.46	296.02	5.657	
15,400.00	7,093.13	15,508.02	7,158.87	148.92	150.74	-92.18	1,569.48	9,500.77	1,674.37	1,375.05	299.33	5.594	
15,500.00	7,092.68	15,608.02	7,158.72	150.58	152.39	-92.19	1,569.97	9,600.77	1,674.27	1,371.64	302.63	5.532	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,092.24	15,708.02	7,158.58	152.23	154.04	-92.20	1,570.47	9,700.76	1,674.17	1,368.23	305.94	5.472	
15,700.00	7,091.79	15,808.02	7,158.43	153.89	155.69	-92.21	1,570.96	9,800.76	1,674.07	1,364.82	309.25	5.413	
15,800.00	7,091.34	15,908.02	7,158.29	155.55	157.33	-92.22	1,571.46	9,900.76	1,673.97	1,361.41	312.56	5.356	
15,900.00	7,090.90	16,008.02	7,158.14	157.21	158.98	-92.23	1,571.95	10,000.76	1,673.87	1,358.00	315.86	5.299	
16,000.00	7,090.45	16,108.02	7,158.00	158.87	160.63	-92.24	1,572.44	10,100.76	1,673.76	1,354.59	319.17	5.244	
16,100.00	7,090.01	16,208.02	7,157.85	160.54	162.29	-92.25	1,572.94	10,200.76	1,673.66	1,351.18	322.48	5.190	
16,200.00	7,089.56	16,308.01	7,157.70	162.20	163.94	-92.27	1,573.43	10,300.75	1,673.56	1,347.77	325.79	5.137	
16,300.00	7,089.11	16,408.01	7,157.56	163.86	165.59	-92.28	1,573.93	10,400.75	1,673.46	1,344.36	329.10	5.085	
16,400.00	7,088.67	16,508.01	7,157.41	165.52	167.24	-92.29	1,574.42	10,500.75	1,673.36	1,340.94	332.42	5.034	
16,500.00	7,088.22	16,608.01	7,157.27	167.18	168.89	-92.30	1,574.92	10,600.75	1,673.26	1,337.53	335.73	4.984	
16,600.00	7,087.77	16,708.01	7,157.12	168.84	170.55	-92.31	1,575.41	10,700.75	1,673.16	1,334.12	339.04	4.935	
16,700.00	7,087.33	16,808.01	7,156.98	170.50	172.20	-92.32	1,575.90	10,800.74	1,673.06	1,330.70	342.35	4.887	
16,800.00	7,086.88	16,908.01	7,156.83	172.17	173.85	-92.33	1,576.40	10,900.74	1,672.95	1,327.29	345.67	4.840	
16,900.00	7,086.43	17,008.01	7,156.68	173.83	175.51	-92.34	1,576.89	11,000.74	1,672.85	1,323.87	348.98	4.794	
17,000.00	7,085.99	17,108.01	7,156.54	175.49	177.16	-92.35	1,577.39	11,100.74	1,672.75	1,320.46	352.30	4.748	
17,100.00	7,085.54	17,208.01	7,156.39	177.15	178.81	-92.36	1,577.88	11,200.74	1,672.65	1,317.04	355.61	4.704	
17,200.00	7,085.10	17,308.01	7,156.25	178.82	180.47	-92.37	1,578.37	11,300.74	1,672.55	1,313.63	358.92	4.660	
17,300.00	7,084.65	17,408.01	7,156.10	180.48	182.12	-92.38	1,578.87	11,400.73	1,672.45	1,310.21	362.24	4.617	
17,400.00	7,084.20	17,508.01	7,155.96	182.14	183.78	-92.39	1,579.36	11,500.73	1,672.35	1,306.79	365.56	4.575	
17,500.00	7,083.76	17,608.01	7,155.81	183.81	185.44	-92.40	1,579.86	11,600.73	1,672.25	1,303.38	368.87	4.533	
17,600.00	7,083.31	17,708.01	7,155.66	185.47	187.09	-92.41	1,580.35	11,700.73	1,672.15	1,299.96	372.19	4.493	
17,700.00	7,082.86	17,808.01	7,155.52	187.13	188.75	-92.42	1,580.85	11,800.73	1,672.05	1,296.54	375.50	4.453	
17,800.00	7,082.42	17,908.01	7,155.37	188.80	190.41	-92.43	1,581.34	11,900.72	1,671.95	1,293.13	378.82	4.414	
17,900.00	7,081.97	18,008.01	7,155.23	190.46	192.06	-92.44	1,581.83	12,000.72	1,671.85	1,289.71	382.14	4.375	
17,993.68	7,081.55	18,101.69	7,155.09	192.02	193.61	-92.45	1,582.30	12,094.40	1,671.75	1,286.51	385.25	4.339 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.21	-4.34	1,199.67	1,199.67				
100.00	100.00	101.00	101.00	3.28	3.28	90.21	-4.34	1,199.67	1,199.67	1,192.15	7.53	159.341	
200.00	200.00	201.00	201.00	3.31	3.31	90.21	-4.34	1,199.67	1,199.67	1,192.10	7.57	158.389	
300.00	299.99	300.99	300.99	3.35	3.35	-7.40	-4.34	1,199.67	1,198.57	1,190.90	7.66	156.427	
400.00	399.88	379.04	379.03	3.41	3.40	-7.47	-3.53	1,200.39	1,194.99	1,187.22	7.77	153.742	
500.00	499.55	457.20	457.12	3.50	3.47	-7.64	-1.12	1,202.53	1,189.77	1,181.86	7.92	150.291	
600.00	598.89	535.19	534.92	3.61	3.54	-7.91	2.87	1,206.08	1,182.94	1,174.84	8.09	146.169	
700.00	697.76	612.90	612.28	3.76	3.63	-8.28	8.41	1,211.01	1,174.51	1,166.21	8.30	141.456	
800.00	796.26	690.37	689.16	3.95	3.74	-8.73	15.50	1,217.31	1,165.74	1,157.20	8.54	136.427	
900.00	894.76	767.66	765.59	4.17	3.86	-9.25	24.12	1,224.98	1,158.88	1,150.06	8.82	131.455	
1,000.00	993.26	844.69	841.42	4.40	4.00	-9.84	34.24	1,233.97	1,154.04	1,144.92	9.12	126.564	
1,100.00	1,091.76	921.34	916.48	4.66	4.16	-10.51	45.81	1,244.27	1,151.28	1,141.83	9.45	121.827	
1,176.90	1,167.51	979.95	973.59	4.87	4.31	-11.07	55.67	1,253.04	1,150.63	1,140.91	9.73	118.307 CC	
1,200.00	1,190.26	997.49	990.62	4.94	4.35	-11.24	58.79	1,255.81	1,150.69	1,140.88	9.81	117.296 ES	
1,300.00	1,288.76	1,108.13	1,082.12	5.23	4.66	-12.21	76.06	1,271.17	1,151.66	1,141.36	10.30	111.811	
1,400.00	1,387.26	1,189.73	1,177.00	5.53	4.91	-13.21	93.99	1,287.11	1,153.02	1,142.27	10.75	107.254	
1,500.00	1,485.76	1,287.59	1,271.88	5.84	5.23	-14.20	111.92	1,303.06	1,154.75	1,143.48	11.27	102.492	
1,600.00	1,584.26	1,385.46	1,366.75	6.16	5.57	-15.20	129.84	1,319.00	1,156.83	1,145.03	11.80	98.000	
1,700.00	1,682.75	1,483.32	1,461.63	6.49	5.93	-16.18	147.77	1,334.94	1,159.28	1,146.92	12.36	93.813	
1,800.00	1,781.25	1,581.18	1,556.51	6.83	6.30	-17.17	165.70	1,350.88	1,162.09	1,149.16	12.93	89.883	
1,900.00	1,879.75	1,679.04	1,651.38	7.01	6.67	-18.15	183.62	1,366.83	1,165.25	1,152.09	13.17	88.504	
2,000.00	1,978.25	1,776.91	1,746.26	7.05	7.06	-19.12	201.55	1,382.77	1,168.77	1,155.27	13.50	86.602	
2,100.00	2,076.75	1,874.77	1,841.14	7.11	7.32	-20.09	219.47	1,398.71	1,172.64	1,159.08	13.56	86.491	
2,200.00	2,175.25	1,972.63	1,936.01	7.18	7.42	-21.06	237.40	1,414.65	1,176.85	1,163.18	13.67	86.083	
2,300.00	2,273.75	2,070.50	2,030.89	7.27	7.49	-22.01	255.33	1,430.60	1,181.41	1,167.63	13.78	85.749	
2,400.00	2,372.25	2,168.36	2,125.77	7.37	7.58	-22.96	273.25	1,446.54	1,186.30	1,172.38	13.92	85.244	
2,500.00	2,470.75	2,266.22	2,220.64	7.49	7.69	-23.90	291.18	1,462.48	1,191.53	1,177.44	14.09	84.580	
2,600.00	2,569.25	2,364.08	2,315.52	7.62	7.81	-24.83	309.11	1,478.42	1,197.09	1,182.80	14.29	83.776	
2,700.00	2,667.74	2,461.95	2,410.40	7.76	7.95	-25.76	327.03	1,494.36	1,202.98	1,188.46	14.52	82.848	
2,800.00	2,766.24	2,559.81	2,505.27	7.92	8.10	-26.67	344.96	1,510.31	1,209.19	1,194.41	14.78	81.814	
2,900.00	2,864.74	2,657.67	2,600.15	8.08	8.27	-27.58	362.89	1,526.25	1,215.71	1,200.65	15.07	80.695	
3,000.00	2,963.24	2,755.53	2,695.03	8.26	8.46	-28.47	380.81	1,542.19	1,222.55	1,207.17	15.38	79.506	
3,100.00	3,061.74	2,853.40	2,789.90	8.45	8.65	-29.36	398.74	1,558.13	1,229.69	1,213.98	15.71	78.266	
3,200.00	3,160.24	2,951.26	2,884.78	8.65	8.86	-30.24	416.67	1,574.08	1,237.13	1,221.06	16.07	76.989	
3,300.00	3,258.74	3,049.12	2,979.66	8.85	9.08	-31.10	434.59	1,590.02	1,244.87	1,228.42	16.45	75.689	
3,400.00	3,357.24	3,146.98	3,074.53	9.07	9.31	-31.96	452.52	1,605.96	1,252.89	1,236.05	16.84	74.378	
3,500.00	3,455.74	3,244.85	3,169.41	9.29	9.54	-32.80	470.44	1,621.90	1,261.20	1,243.94	17.26	73.067	
3,600.00	3,554.23	3,342.71	3,264.29	9.52	9.79	-33.64	488.37	1,637.84	1,269.79	1,252.10	17.69	71.765	
3,700.00	3,652.73	3,440.57	3,359.16	9.76	10.05	-34.46	506.30	1,653.79	1,278.66	1,260.51	18.14	70.478	
3,800.00	3,751.23	3,538.43	3,454.04	10.00	10.31	-35.27	524.22	1,669.73	1,287.79	1,269.18	18.61	69.212	
3,900.00	3,849.73	3,636.30	3,548.92	10.25	10.58	-36.07	542.15	1,685.67	1,297.18	1,278.10	19.08	67.974	
4,000.00	3,948.23	3,734.16	3,643.79	10.50	10.86	-36.86	560.08	1,701.61	1,306.83	1,287.25	19.57	66.765	
4,100.00	4,046.73	3,832.02	3,738.67	10.76	11.14	-37.64	578.00	1,717.56	1,316.73	1,296.65	20.08	65.589	
4,200.00	4,145.23	3,929.89	3,833.55	11.02	11.43	-38.41	595.93	1,733.50	1,326.87	1,306.28	20.59	64.447	
4,300.00	4,243.73	4,027.75	3,928.42	11.29	11.72	-39.16	613.86	1,749.44	1,337.25	1,316.14	21.11	63.341	
4,400.00	4,342.23	4,125.61	4,023.30	11.56	12.02	-39.91	631.78	1,765.38	1,347.87	1,326.22	21.64	62.273	
4,500.00	4,440.72	4,223.47	4,118.18	11.84	12.32	-40.64	649.71	1,781.33	1,358.71	1,336.53	22.19	61.241	
4,600.00	4,539.22	4,321.34	4,213.05	12.12	12.62	-41.36	667.64	1,797.27	1,369.78	1,347.05	22.74	60.246	
4,700.00	4,637.72	4,419.20	4,307.93	12.40	12.93	-42.07	685.56	1,813.21	1,381.07	1,357.77	23.29	59.287	
4,800.00	4,736.22	4,517.06	4,402.81	12.69	13.25	-42.77	703.49	1,829.15	1,392.57	1,368.71	23.86	58.364	
4,900.00	4,834.72	4,614.92	4,497.68	12.97	13.56	-43.46	721.42	1,845.09	1,404.27	1,379.84	24.43	57.477	
5,000.00	4,933.22	4,712.79	4,592.56	13.26	13.88	-44.13	739.34	1,861.04	1,416.18	1,391.17	25.01	56.624	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	4,810.65	4,687.44	13.56	14.21	-44.80	757.27	1,876.98	1,428.28	1,402.69	25.59	55.804		
5,200.00	5,130.22	4,908.51	4,782.31	13.85	14.53	-45.45	775.19	1,892.92	1,440.58	1,414.39	26.18	55.016		
5,300.00	5,228.72	5,006.37	4,877.19	14.15	14.86	-46.10	793.12	1,908.86	1,453.06	1,426.28	26.78	54.259		
5,400.00	5,327.21	5,104.24	4,972.07	14.45	15.19	-46.73	811.05	1,924.81	1,465.72	1,438.34	27.38	53.532		
5,500.00	5,425.71	5,202.10	5,066.94	14.75	15.52	-47.35	828.97	1,940.75	1,478.57	1,450.58	27.99	52.833		
5,600.00	5,524.21	5,300.04	5,161.82	15.05	15.86	-47.96	846.90	1,956.69	1,491.58	1,462.99	28.60	52.162		
5,700.00	5,622.71	5,402.18	5,256.70	15.36	16.21	-48.56	864.83	1,972.63	1,504.76	1,475.54	29.22	51.494		
5,800.00	5,721.21	5,504.31	5,351.57	15.67	16.56	-49.15	882.75	1,988.58	1,518.11	1,488.26	29.85	50.853		
5,900.00	5,819.71	5,606.45	5,446.45	15.97	16.92	-49.73	900.68	2,004.52	1,531.62	1,501.13	30.49	50.237		
6,000.00	5,918.21	5,708.59	5,541.33	16.28	17.27	-50.31	918.61	2,020.46	1,545.28	1,514.16	31.13	49.646		
6,100.00	6,016.71	5,789.28	5,636.20	16.59	17.56	-50.87	936.53	2,036.40	1,559.10	1,527.40	31.70	49.183		
6,200.00	6,115.21	5,887.14	5,731.08	16.91	17.90	-51.42	954.46	2,052.34	1,573.06	1,540.73	32.33	48.654		
6,300.00	6,213.70	5,985.00	5,825.96	17.22	18.25	-51.96	972.39	2,068.29	1,587.17	1,554.20	32.97	48.146		
6,400.00	6,312.20	6,082.86	5,920.83	17.53	18.59	-52.49	990.31	2,084.23	1,601.41	1,567.81	33.60	47.658		
6,500.00	6,410.70	6,315.64	7,215.35	17.85	24.83	-103.49	1,246.04	1,022.22	1,600.22	1,562.29	37.93	42.194		
6,600.00	6,509.20	8,303.50	7,215.74	18.17	24.71	-102.73	1,245.94	1,041.36	1,555.21	1,516.40	38.81	40.071		
6,700.00	6,607.69	8,277.31	7,216.13	18.48	24.47	-101.73	1,245.85	1,060.54	1,515.23	1,475.62	39.61	38.253		
6,800.00	6,704.15	8,249.44	7,216.70	18.86	24.21	-100.47	1,245.72	1,088.40	1,481.31	1,440.88	40.43	36.638		
6,900.00	6,795.38	8,206.90	7,217.58	19.35	23.81	-100.20	1,245.52	1,130.93	1,454.27	1,413.10	41.18	35.318		
7,000.00	6,879.12	8,150.75	7,218.73	19.94	23.33	-99.57	1,245.25	1,187.07	1,433.93	1,392.05	41.88	34.242		
7,100.00	6,953.32	8,082.36	7,220.14	20.64	22.77	-98.50	1,244.92	1,255.44	1,419.55	1,377.03	42.52	33.386		
7,200.00	7,016.16	8,003.43	7,221.76	21.44	22.18	-97.18	1,244.54	1,334.36	1,410.05	1,366.90	43.15	32.678		
7,300.00	7,066.07	7,915.89	7,223.55	22.34	21.62	-95.86	1,244.12	1,421.88	1,404.15	1,360.33	43.82	32.043		
7,400.00	7,101.84	7,821.90	7,225.48	23.34	21.20	-94.79	1,243.67	1,515.85	1,400.64	1,356.09	44.56	31.436		
7,500.00	7,122.58	7,631.01	7,208.34	24.40	21.15	-92.93	1,238.76	1,705.24	1,396.14	1,350.99	45.15	30.923		
7,600.00	7,127.94	7,441.77	7,138.30	25.51	21.34	-90.42	1,223.91	1,879.67	1,385.51	1,339.49	46.01	30.110		
7,700.00	7,127.49	7,299.09	7,053.82	26.66	21.44	-86.88	1,206.83	1,993.00	1,371.69	1,324.59	47.11	29.120		
7,800.00	7,127.05	7,198.62	6,980.44	27.87	21.48	-83.75	1,192.28	2,059.91	1,358.59	1,310.30	48.29	28.137		
7,900.00	7,126.60	7,127.33	6,922.52	29.13	21.47	-81.25	1,180.90	2,099.84	1,348.89	1,299.40	49.49	27.257		
8,000.00	7,126.16	7,075.32	6,877.69	30.43	21.45	-79.31	1,172.15	2,124.67	1,344.20	1,293.52	50.68	26.523		
8,030.31	7,126.02	7,062.32	6,866.18	30.83	21.44	-78.81	1,169.91	2,130.29	1,343.92	1,292.88	51.04	26.331		
8,100.00	7,125.71	7,036.18	6,842.72	31.76	21.42	-77.79	1,165.35	2,140.85	1,345.44	1,293.61	51.83	25.957		
8,200.00	7,125.26	7,005.88	6,815.00	33.12	21.39	-76.59	1,159.98	2,151.86	1,353.09	1,300.17	52.92	25.571		
8,300.00	7,124.82	6,981.82	6,792.65	34.52	21.37	-75.62	1,155.66	2,159.64	1,367.34	1,313.44	53.90	25.369		
8,400.00	7,124.37	6,962.31	6,774.32	35.93	21.35	-74.83	1,152.12	2,165.31	1,388.17	1,333.41	54.77	25.347 SF		
8,500.00	7,123.92	6,950.00	6,762.68	37.37	21.33	-74.33	1,149.87	2,168.59	1,415.44	1,359.91	55.53	25.488		
8,600.00	7,123.48	6,932.68	6,746.18	38.82	21.31	-73.62	1,146.69	2,172.82	1,448.83	1,392.72	56.12	25.818		
8,700.00	7,123.03	6,921.19	6,735.18	40.30	21.29	-73.15	1,144.58	2,175.37	1,488.02	1,431.42	56.60	26.289		
8,800.00	7,122.59	6,900.00	6,714.78	41.79	21.26	-72.27	1,140.66	2,179.55	1,532.68	1,475.80	56.88	26.944		
8,900.00	7,122.14	6,900.00	6,714.78	43.29	21.26	-72.27	1,140.66	2,179.55	1,582.12	1,524.90	57.21	27.653		
9,000.00	7,121.69	6,900.00	6,714.78	44.80	21.26	-72.27	1,140.66	2,179.55	1,636.18	1,578.74	57.44	28.484		
9,100.00	7,121.25	6,900.00	6,714.78	46.33	21.26	-72.27	1,140.66	2,179.55	1,694.42	1,636.84	57.59	29.423		
9,200.00	7,120.80	6,882.63	6,697.96	47.86	21.23	-71.55	1,137.43	2,182.45	1,756.19	1,698.66	57.53	30.528		
9,300.00	7,120.35	6,877.33	6,692.82	49.40	21.22	-71.33	1,136.44	2,183.25	1,821.41	1,763.90	57.51	31.673		
9,400.00	7,119.91	6,872.56	6,688.18	50.96	21.21	-71.14	1,135.55	2,183.92	1,889.63	1,832.18	57.45	32.894		
9,500.00	7,119.46	6,868.24	6,683.98	52.52	21.20	-70.96	1,134.75	2,184.51	1,960.54	1,903.19	57.35	34.184		
9,600.00	7,119.02	6,850.00	6,666.19	54.08	21.17	-70.20	1,131.34	2,186.64	2,034.05	1,976.92	57.12	35.609		
9,700.00	7,118.57	6,850.00	6,666.19	55.65	21.17	-70.20	1,131.34	2,186.64	2,109.47	2,052.45	57.02	36.995		
9,800.00	7,118.12	6,850.00	6,666.19	57.23	21.17	-70.20	1,131.34	2,186.64	2,186.87	2,129.97	56.90	38.432		
9,900.00	7,117.68	6,850.00	6,666.19	58.81	21.17	-70.20	1,131.34	2,186.64	2,266.04	2,209.27	56.78	39.911		
10,000.00	7,117.23	6,850.00	6,666.19	60.40	21.17	-70.20	1,131.34	2,186.64	2,346.80	2,290.16	56.64	41.430		
10,100.00	7,116.78	6,850.00	6,666.19	61.99	21.17	-70.20	1,131.34	2,186.64	2,429.00	2,372.49	56.51	42.984		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.19	-3.98	1,179.62	1,179.63				
100.00	100.00	100.00	100.00	3.28	3.28	90.19	-3.98	1,179.62	1,179.63	1,172.10	7.53	156.681	
200.00	200.00	200.00	200.00	3.31	3.31	90.19	-3.98	1,179.62	1,179.63	1,172.05	7.57	155.749	
300.00	299.99	284.06	284.06	3.35	3.34	-7.44	-3.52	1,180.02	1,179.03	1,171.37	7.65	154.085	
400.00	399.88	362.74	362.69	3.41	3.39	-7.56	-1.48	1,181.80	1,176.78	1,169.02	7.76	151.685	
500.00	499.55	441.27	441.06	3.50	3.45	-7.79	2.17	1,184.99	1,172.90	1,165.00	7.90	148.501	
600.00	598.89	519.55	519.03	3.61	3.53	-8.13	7.42	1,189.57	1,167.41	1,159.34	8.07	144.613	
700.00	697.76	600.00	598.93	3.76	3.63	-8.58	14.48	1,195.74	1,160.36	1,152.07	8.29	140.028	
800.00	796.26	675.12	673.27	3.95	3.73	-9.08	22.61	1,202.83	1,152.98	1,144.45	8.53	135.223	
900.00	894.76	752.48	749.51	4.17	3.86	-9.66	32.50	1,211.47	1,147.55	1,138.75	8.80	130.378	
1,000.00	993.26	829.48	825.01	4.40	4.01	-10.33	43.89	1,221.40	1,144.18	1,135.07	9.11	125.602	
1,100.00	1,091.76	906.01	899.61	4.66	4.19	-11.06	56.71	1,232.60	1,142.96	1,133.51	9.45	120.975	
1,105.93	1,097.61	910.53	904.01	4.68	4.20	-11.10	57.52	1,233.30	1,142.95	1,133.49	9.47	120.701	CC, ES
1,200.00	1,190.26	982.67	973.87	4.94	4.40	-11.86	71.06	1,245.12	1,143.94	1,134.13	9.82	116.505	
1,300.00	1,288.76	1,080.25	1,068.09	5.23	4.69	-12.92	90.20	1,261.83	1,146.21	1,135.91	10.29	111.341	
1,400.00	1,387.26	1,177.84	1,162.30	5.53	5.01	-13.98	109.34	1,278.54	1,148.88	1,138.09	10.80	106.385	
1,500.00	1,485.76	1,275.42	1,256.52	5.84	5.36	-15.03	128.48	1,295.24	1,151.97	1,140.64	11.33	101.682	
1,600.00	1,584.26	1,373.00	1,350.74	6.16	5.72	-16.08	147.62	1,311.95	1,155.46	1,143.58	11.88	97.272	
1,700.00	1,682.75	1,470.59	1,444.96	6.49	6.10	-17.12	166.76	1,328.65	1,159.35	1,146.90	12.45	93.157	
1,800.00	1,781.25	1,568.17	1,539.18	6.83	6.49	-18.15	185.90	1,345.36	1,163.63	1,150.61	13.03	89.323	
1,900.00	1,879.75	1,665.76	1,633.40	7.01	6.89	-19.18	205.03	1,362.07	1,168.31	1,155.04	13.27	88.011	
2,000.00	1,978.25	1,763.34	1,727.62	7.05	7.30	-20.20	224.17	1,378.77	1,173.38	1,159.77	13.61	86.190	
2,100.00	2,076.75	1,860.92	1,821.84	7.11	7.60	-21.21	243.31	1,395.48	1,178.84	1,165.13	13.70	86.026	
2,200.00	2,175.25	1,958.51	1,916.06	7.18	7.73	-22.21	262.45	1,412.18	1,184.66	1,170.83	13.84	85.616	
2,300.00	2,273.75	2,056.09	2,010.28	7.27	7.80	-23.20	281.59	1,428.89	1,190.87	1,176.93	13.94	85.429	
2,400.00	2,372.25	2,153.68	2,104.50	7.37	7.89	-24.18	300.73	1,445.60	1,197.44	1,183.36	14.08	85.070	
2,500.00	2,470.75	2,251.26	2,198.71	7.49	8.00	-25.15	319.87	1,462.30	1,204.36	1,190.12	14.24	84.550	
2,600.00	2,569.25	2,348.84	2,292.93	7.62	8.13	-26.10	339.01	1,479.01	1,211.65	1,197.20	14.44	83.887	
2,700.00	2,667.74	2,446.43	2,387.15	7.76	8.27	-27.05	358.15	1,495.72	1,219.28	1,204.61	14.67	83.095	
2,800.00	2,766.24	2,544.01	2,481.37	7.92	8.43	-27.99	377.29	1,512.42	1,227.25	1,212.32	14.93	82.193	
2,900.00	2,864.74	2,641.59	2,575.59	8.08	8.61	-28.91	396.42	1,529.13	1,235.56	1,220.35	15.22	81.199	
3,000.00	2,963.24	2,739.18	2,669.81	8.26	8.80	-29.82	415.56	1,545.83	1,244.20	1,228.67	15.53	80.130	
3,100.00	3,061.74	2,836.76	2,764.03	8.45	9.00	-30.72	434.70	1,562.54	1,253.16	1,237.29	15.86	79.003	
3,200.00	3,160.24	2,934.35	2,858.25	8.65	9.21	-31.61	453.84	1,579.25	1,262.43	1,246.21	16.22	77.832	
3,300.00	3,258.74	3,031.93	2,952.47	8.85	9.43	-32.48	472.98	1,595.95	1,272.01	1,255.41	16.60	76.631	
3,400.00	3,357.24	3,129.51	3,046.69	9.07	9.67	-33.35	492.12	1,612.66	1,281.89	1,264.89	17.00	75.414	
3,500.00	3,455.74	3,227.10	3,140.90	9.29	9.91	-34.19	511.26	1,629.36	1,292.07	1,274.65	17.42	74.190	
3,600.00	3,554.23	3,324.68	3,235.12	9.52	10.17	-35.03	530.40	1,646.07	1,302.53	1,284.68	17.85	72.968	
3,700.00	3,652.73	3,422.27	3,329.34	9.76	10.43	-35.85	549.54	1,662.78	1,313.27	1,294.97	18.30	71.757	
3,800.00	3,751.23	3,519.85	3,423.56	10.00	10.70	-36.66	568.67	1,679.48	1,324.29	1,305.52	18.77	70.561	
3,900.00	3,849.73	3,617.43	3,517.78	10.25	10.97	-37.46	587.81	1,696.19	1,335.57	1,316.32	19.25	69.387	
4,000.00	3,948.23	3,715.02	3,612.00	10.50	11.26	-38.24	606.95	1,712.90	1,347.11	1,327.37	19.74	68.238	
4,100.00	4,046.73	3,812.60	3,706.22	10.76	11.55	-39.01	626.09	1,729.60	1,358.91	1,338.66	20.25	67.118	
4,200.00	4,145.23	3,910.19	3,800.44	11.02	11.84	-39.77	645.23	1,746.31	1,370.95	1,350.19	20.76	66.028	
4,300.00	4,243.73	4,007.77	3,894.66	11.29	12.14	-40.52	664.37	1,763.01	1,383.23	1,361.94	21.29	64.971	
4,400.00	4,342.23	4,105.35	3,988.88	11.56	12.45	-41.25	683.51	1,779.72	1,395.75	1,373.92	21.83	63.946	
4,500.00	4,440.72	4,202.94	4,083.09	11.84	12.76	-41.97	702.65	1,796.43	1,408.49	1,386.12	22.37	62.955	
4,600.00	4,539.22	4,300.52	4,177.31	12.12	13.07	-42.67	721.79	1,813.13	1,421.46	1,398.53	22.93	61.998	
4,700.00	4,637.72	4,401.89	4,271.53	12.40	13.41	-43.37	740.93	1,829.84	1,434.64	1,411.14	23.50	61.046	
4,800.00	4,736.22	4,504.31	4,365.75	12.69	13.74	-44.05	760.06	1,846.54	1,448.03	1,423.95	24.09	60.121	
4,900.00	4,834.72	4,606.73	4,459.97	12.97	14.09	-44.72	779.20	1,863.25	1,461.63	1,436.95	24.68	59.231	
5,000.00	4,933.22	4,709.14	4,554.19	13.26	14.43	-45.38	798.34	1,879.96	1,475.42	1,450.14	25.27	58.375	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	4,788.44	4,648.41	13.56	14.70	-46.02	817.48	1,896.66	1,489.40	1,463.60	25.81	57.708		
5,200.00	5,130.22	4,886.02	4,742.63	13.85	15.04	-46.66	836.62	1,913.37	1,503.58	1,477.17	26.40	56.944		
5,300.00	5,228.72	4,983.61	4,836.85	14.15	15.37	-47.28	855.76	1,930.07	1,517.93	1,490.93	27.00	56.210		
5,400.00	5,327.21	5,081.19	4,931.07	14.45	15.71	-47.89	874.90	1,946.78	1,532.47	1,504.86	27.61	55.503		
5,500.00	5,425.71	5,178.78	5,025.29	14.75	16.05	-48.49	894.04	1,963.49	1,547.17	1,518.95	28.22	54.824		
5,600.00	5,524.21	5,276.36	5,119.50	15.05	16.40	-49.08	913.18	1,980.19	1,562.04	1,533.21	28.84	54.171		
5,700.00	5,622.71	5,373.94	5,213.72	15.36	16.75	-49.66	932.31	1,996.90	1,577.08	1,547.62	29.45	53.543		
5,800.00	5,721.21	5,471.53	5,307.94	15.67	17.09	-50.22	951.45	2,013.61	1,592.27	1,562.19	30.08	52.939		
5,900.00	5,819.71	5,569.11	5,402.16	15.97	17.44	-50.78	970.59	2,030.31	1,607.62	1,576.91	30.70	52.359		
6,000.00	5,918.21	5,666.70	5,496.38	16.28	17.79	-51.33	989.73	2,047.02	1,623.11	1,591.78	31.33	51.800		
6,100.00	6,016.71	5,764.28	5,590.60	16.59	18.15	-51.86	1,008.87	2,063.72	1,638.75	1,606.78	31.97	51.263		
6,200.00	6,115.21	8,129.90	6,942.57	16.91	25.17	-104.18	1,285.92	953.58	1,640.90	1,603.82	37.09	44.246		
6,300.00	6,213.70	8,110.18	6,943.10	17.22	24.96	-103.42	1,286.00	973.29	1,595.80	1,557.90	37.90	42.110		
6,400.00	6,312.20	8,109.54	6,943.62	17.53	24.96	-102.65	1,286.07	993.00	1,555.58	1,516.69	38.89	40.001		
6,500.00	6,410.70	8,070.74	6,944.15	17.85	24.57	-101.89	1,286.14	1,012.71	1,520.62	1,481.06	39.56	38.434		
6,600.00	6,509.20	8,051.02	6,944.67	18.17	24.38	-101.12	1,286.21	1,032.43	1,491.30	1,450.92	40.38	36.928		
6,700.00	6,607.69	8,031.26	6,945.20	18.48	24.18	-99.98	1,286.28	1,052.18	1,467.95	1,426.79	41.17	35.659		
6,800.00	6,704.15	8,002.82	6,945.96	18.86	23.91	-97.02	1,286.38	1,080.62	1,451.18	1,409.31	41.86	34.664		
6,900.00	6,795.38	7,959.74	6,947.11	19.35	23.52	-95.15	1,286.54	1,123.67	1,441.01	1,398.53	42.47	33.928		
7,000.00	6,879.12	7,903.10	6,948.62	19.94	23.01	-93.07	1,286.75	1,180.30	1,436.57	1,393.60	42.97	33.433		
7,049.22	6,916.95	7,870.65	6,949.48	20.28	22.74	-91.94	1,286.86	1,212.73	1,436.10	1,392.89	43.22	33.231		
7,100.00	6,953.32	7,834.28	6,950.45	20.64	22.44	-90.73	1,287.00	1,249.09	1,436.53	1,393.11	43.43	33.081		
7,200.00	7,016.16	7,754.98	6,952.56	21.44	21.85	-88.34	1,287.28	1,328.36	1,439.28	1,395.41	43.86	32.813		
7,300.00	7,066.07	7,667.16	6,954.90	22.34	21.30	-86.19	1,287.60	1,416.15	1,443.17	1,398.83	44.34	32.550		
7,400.00	7,101.84	7,572.97	6,957.41	23.34	20.94	-84.54	1,287.94	1,510.31	1,446.76	1,401.86	44.90	32.225		
7,500.00	7,122.58	7,456.31	6,953.65	24.40	20.91	-83.25	1,286.97	1,626.77	1,448.46	1,402.94	45.52	31.820		
7,600.00	7,127.94	7,339.88	6,929.59	25.51	21.03	-82.12	1,281.87	1,740.41	1,446.91	1,400.65	46.26	31.277		
7,700.00	7,127.49	7,234.32	6,890.58	26.66	21.14	-80.56	1,273.76	1,838.03	1,444.05	1,396.92	47.13	30.638		
7,800.00	7,127.05	7,143.79	6,844.92	27.87	21.23	-78.72	1,264.33	1,915.54	1,442.04	1,393.94	48.10	29.981		
7,844.95	7,126.85	7,108.04	6,823.99	28.44	21.26	-77.87	1,260.02	1,944.20	1,441.77	1,393.22	48.55	29.694		
7,900.00	7,126.60	7,068.18	6,798.85	29.13	21.29	-76.86	1,254.85	1,974.67	1,442.23	1,393.12	49.11	29.368		
8,000.00	7,126.16	7,005.75	6,755.84	30.43	21.32	-75.12	1,246.02	2,019.02	1,445.77	1,395.65	50.12	28.845		
8,100.00	7,125.71	6,954.25	6,717.29	31.76	21.33	-73.57	1,238.12	2,052.23	1,453.53	1,402.43	51.11	28.441		
8,200.00	7,125.26	6,911.56	6,683.43	33.12	21.33	-72.21	1,231.18	2,077.26	1,466.10	1,414.06	52.04	28.172		
8,300.00	7,124.82	6,875.91	6,653.94	34.52	21.33	-71.03	1,225.15	2,096.36	1,483.84	1,430.93	52.90	28.048 SF		
8,400.00	7,124.37	6,850.00	6,631.88	35.93	21.32	-70.15	1,220.64	2,109.17	1,506.89	1,453.18	53.71	28.057		
8,500.00	7,123.92	6,820.30	6,605.98	37.37	21.30	-69.13	1,215.34	2,122.71	1,535.24	1,480.87	54.37	28.237		
8,600.00	7,123.48	6,800.00	6,587.94	38.82	21.29	-68.42	1,211.66	2,131.25	1,568.82	1,513.84	54.97	28.538		
8,700.00	7,123.03	6,779.34	6,569.31	40.30	21.27	-67.68	1,207.86	2,139.33	1,607.40	1,551.94	55.46	28.985		
8,800.00	7,122.59	6,762.76	6,554.18	41.79	21.26	-67.09	1,204.76	2,145.37	1,650.73	1,594.87	55.86	29.551		
8,900.00	7,122.14	6,750.00	6,542.43	43.29	21.25	-66.64	1,202.37	2,149.74	1,698.53	1,642.34	56.19	30.227		
9,000.00	7,121.69	6,735.26	6,528.76	44.80	21.23	-66.11	1,199.58	2,154.49	1,750.47	1,694.06	56.42	31.026		
9,100.00	7,121.25	6,723.75	6,518.02	46.33	21.22	-65.69	1,197.39	2,157.97	1,806.26	1,749.66	56.59	31.917		
9,200.00	7,120.80	6,700.00	6,495.65	47.86	21.19	-64.83	1,192.82	2,164.53	1,865.70	1,809.09	56.61	32.958		
9,300.00	7,120.35	6,700.00	6,495.65	49.40	21.19	-64.83	1,192.82	2,164.53	1,928.10	1,871.36	56.74	33.979		
9,400.00	7,119.91	6,700.00	6,495.65	50.96	21.19	-64.83	1,192.82	2,164.53	1,993.56	1,936.74	56.83	35.080		
9,500.00	7,119.46	6,700.00	6,495.65	52.52	21.19	-64.83	1,192.82	2,164.53	2,061.80	2,004.93	56.87	36.252		
9,600.00	7,119.02	6,681.16	6,477.75	54.08	21.16	-64.15	1,189.17	2,169.12	2,132.26	2,075.51	56.75	37.572		
9,700.00	7,118.57	6,674.78	6,471.65	55.65	21.15	-63.91	1,187.93	2,170.56	2,205.04	2,148.34	56.69	38.894		
9,800.00	7,118.12	6,668.91	6,466.04	57.23	21.14	-63.70	1,186.79	2,171.82	2,279.82	2,223.20	56.62	40.266		
9,900.00	7,117.68	6,650.00	6,447.87	58.81	21.12	-63.01	1,183.08	2,175.53	2,356.57	2,300.14	56.43	41.758		
10,000.00	7,117.23	6,650.00	6,447.87	60.40	21.12	-63.01	1,183.08	2,175.53	2,434.73	2,378.36	56.38	43.188		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	1.00	3.28	3.28	90.20	-4.34	1,219.71	1,219.72					
100.00	100.00	101.00	101.00	3.28	3.28	90.20	-4.34	1,219.71	1,219.72	1,212.19	7.53	162.004		
200.00	200.00	201.00	201.00	3.31	3.31	90.20	-4.34	1,219.71	1,219.72	1,212.15	7.57	161.035		
300.00	299.99	280.38	280.37	3.35	3.34	-7.44	-3.44	1,220.39	1,219.47	1,211.82	7.65	159.416		
400.00	399.88	359.87	359.79	3.41	3.39	-7.60	-0.79	1,222.41	1,217.50	1,209.74	7.76	156.977		
500.00	499.55	439.15	438.87	3.50	3.45	-7.85	3.61	1,225.74	1,213.77	1,205.87	7.90	153.698		
600.00	598.89	518.12	517.47	3.61	3.53	-8.22	9.71	1,230.38	1,208.32	1,200.25	8.07	149.662		
700.00	697.76	596.68	595.42	3.76	3.63	-8.69	17.50	1,236.29	1,201.19	1,192.91	8.29	144.954		
800.00	796.26	674.83	672.66	3.95	3.74	-9.24	26.93	1,243.45	1,193.64	1,185.11	8.54	139.836		
900.00	894.76	752.64	749.22	4.17	3.87	-9.86	37.99	1,251.84	1,187.95	1,179.13	8.82	134.725		
1,000.00	993.26	830.00	824.93	4.40	4.03	-10.56	50.62	1,261.42	1,184.23	1,175.09	9.13	129.661		
1,100.00	1,091.76	906.80	899.65	4.66	4.22	-11.34	64.76	1,272.16	1,182.56	1,173.08	9.48	124.732		
1,128.00	1,119.34	928.19	920.37	4.74	4.27	-11.56	68.98	1,275.36	1,182.48	1,172.89	9.59	123.361	CC, ES	
1,200.00	1,190.26	983.76	974.02	4.94	4.43	-12.18	80.53	1,284.12	1,183.05	1,173.18	9.86	119.950		
1,300.00	1,288.76	1,080.93	1,067.61	5.23	4.73	-13.29	101.34	1,299.92	1,184.80	1,174.45	10.35	114.476		
1,400.00	1,387.26	1,178.09	1,161.19	5.53	5.07	-14.40	122.15	1,315.72	1,187.01	1,176.15	10.87	109.239		
1,500.00	1,485.76	1,275.25	1,254.77	5.84	5.42	-15.50	142.97	1,331.51	1,189.70	1,178.29	11.41	104.289		
1,600.00	1,584.26	1,372.42	1,348.36	6.16	5.79	-16.60	163.78	1,347.31	1,192.84	1,180.88	11.97	99.674		
1,700.00	1,682.75	1,469.58	1,441.94	6.49	6.18	-17.69	184.59	1,363.11	1,196.45	1,183.90	12.55	95.357		
1,800.00	1,781.25	1,566.74	1,535.53	6.83	6.57	-18.77	205.41	1,378.90	1,200.51	1,187.37	13.14	91.360		
1,900.00	1,879.75	1,663.91	1,629.11	7.01	6.98	-19.85	226.22	1,394.70	1,205.03	1,191.63	13.40	89.936		
2,000.00	1,978.25	1,761.07	1,722.69	7.05	7.40	-20.92	247.03	1,410.50	1,209.98	1,196.23	13.75	88.011		
2,100.00	2,076.75	1,858.23	1,816.28	7.11	7.71	-21.98	267.85	1,426.29	1,215.38	1,201.53	13.85	87.764		
2,200.00	2,175.25	1,955.39	1,909.86	7.18	7.84	-23.03	288.66	1,442.09	1,221.21	1,207.22	13.99	87.298		
2,300.00	2,273.75	2,052.56	2,003.45	7.27	7.92	-24.07	309.47	1,457.89	1,227.47	1,213.38	14.09	87.101		
2,400.00	2,372.25	2,149.72	2,097.03	7.37	8.02	-25.10	330.29	1,473.68	1,234.15	1,219.93	14.23	86.735		
2,500.00	2,470.75	2,246.88	2,190.61	7.49	8.13	-26.12	351.10	1,489.48	1,241.25	1,226.85	14.40	86.210		
2,600.00	2,569.25	2,344.05	2,284.20	7.62	8.26	-27.13	371.91	1,505.28	1,248.75	1,234.16	14.60	85.543		
2,700.00	2,667.74	2,441.21	2,377.78	7.76	8.40	-28.13	392.73	1,521.07	1,256.66	1,241.83	14.83	84.750		
2,800.00	2,766.24	2,538.37	2,471.37	7.92	8.57	-29.11	413.54	1,536.87	1,264.96	1,249.87	15.09	83.848		
2,900.00	2,864.74	2,635.54	2,564.95	8.08	8.74	-30.08	434.35	1,552.67	1,273.64	1,258.27	15.37	82.855		
3,000.00	2,963.24	2,732.70	2,658.53	8.26	8.93	-31.04	455.17	1,568.46	1,282.70	1,267.01	15.68	81.788		
3,100.00	3,061.74	2,829.86	2,752.12	8.45	9.14	-31.99	475.98	1,584.26	1,292.13	1,276.11	16.02	80.664		
3,200.00	3,160.24	2,927.03	2,845.70	8.65	9.35	-32.92	496.79	1,600.06	1,301.92	1,285.54	16.38	79.498		
3,300.00	3,258.74	3,024.19	2,939.29	8.85	9.58	-33.84	517.61	1,615.85	1,312.06	1,295.30	16.76	78.303		
3,400.00	3,357.24	3,121.35	3,032.87	9.07	9.82	-34.75	538.42	1,631.65	1,322.55	1,305.39	17.16	77.092		
3,500.00	3,455.74	3,218.52	3,126.45	9.29	10.06	-35.64	559.23	1,647.45	1,333.38	1,315.80	17.57	75.874		
3,600.00	3,554.23	3,315.68	3,220.04	9.52	10.32	-36.52	580.05	1,663.24	1,344.53	1,326.52	18.01	74.659		
3,700.00	3,652.73	3,412.84	3,313.62	9.76	10.59	-37.38	600.86	1,679.04	1,356.01	1,337.55	18.46	73.455		
3,800.00	3,751.23	3,510.00	3,407.20	10.00	10.86	-38.23	621.67	1,694.84	1,367.79	1,348.87	18.93	72.267		
3,900.00	3,849.73	3,607.17	3,500.79	10.25	11.14	-39.07	642.49	1,710.63	1,379.89	1,360.48	19.41	71.101		
4,000.00	3,948.23	3,704.33	3,594.37	10.50	11.42	-39.89	663.30	1,726.43	1,392.28	1,372.38	19.90	69.961		
4,100.00	4,046.73	3,801.49	3,687.96	10.76	11.72	-40.70	684.11	1,742.23	1,404.95	1,384.55	20.41	68.848		
4,200.00	4,145.23	3,901.34	3,781.54	11.02	12.02	-41.49	704.93	1,758.02	1,417.91	1,396.98	20.93	67.743		
4,300.00	4,243.73	4,004.18	3,875.12	11.29	12.35	-42.27	725.74	1,773.82	1,431.15	1,409.67	21.47	66.644		
4,400.00	4,342.23	4,107.02	3,968.71	11.56	12.68	-43.03	746.56	1,789.62	1,444.65	1,422.62	22.03	65.582		
4,500.00	4,440.72	4,209.85	4,062.29	11.84	13.01	-43.79	767.37	1,805.41	1,458.40	1,435.81	22.59	64.555		
4,600.00	4,539.22	4,287.31	4,155.88	12.12	13.26	-44.53	788.18	1,821.21	1,472.41	1,449.32	23.09	63.769		
4,700.00	4,637.72	4,384.47	4,249.46	12.40	13.58	-45.25	809.00	1,837.00	1,486.67	1,463.01	23.65	62.854		
4,800.00	4,736.22	4,481.64	4,343.04	12.69	13.91	-45.96	829.81	1,852.80	1,501.16	1,476.93	24.22	61.972		
4,900.00	4,834.72	4,578.80	4,436.63	12.97	14.24	-46.66	850.62	1,868.60	1,515.88	1,491.08	24.80	61.123		
5,000.00	4,933.22	4,675.96	4,530.21	13.26	14.57	-47.34	871.44	1,884.39	1,530.82	1,505.44	25.38	60.306		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	4,773.13	4,623.80	13.56	14.91	-48.02	892.25	1,900.19	1,545.98	1,520.01	25.97	59.521		
5,200.00	5,130.22	4,870.29	4,717.38	13.85	15.25	-48.68	913.06	1,915.99	1,561.36	1,534.79	26.57	58.765		
5,300.00	5,228.72	4,967.45	4,810.96	14.15	15.59	-49.32	933.88	1,931.78	1,576.94	1,549.77	27.17	58.039		
5,400.00	5,327.21	5,064.62	4,904.55	14.45	15.93	-49.96	954.69	1,947.58	1,592.71	1,564.94	27.78	57.340		
5,500.00	5,425.71	5,161.78	4,998.13	14.75	16.27	-50.58	975.50	1,963.38	1,608.68	1,580.30	28.39	56.669		
5,600.00	5,524.21	5,258.94	5,091.71	15.05	16.62	-51.19	996.32	1,979.17	1,624.84	1,595.84	29.00	56.024		
5,700.00	5,622.71	5,356.10	5,185.30	15.36	16.97	-51.79	1,017.13	1,994.97	1,641.18	1,611.56	29.62	55.404		
5,800.00	5,721.21	5,453.27	5,278.88	15.67	17.32	-52.38	1,037.94	2,010.77	1,657.69	1,627.45	30.25	54.808		
5,900.00	5,819.71	5,550.43	5,372.47	15.97	17.68	-52.95	1,058.76	2,026.56	1,674.38	1,643.51	30.87	54.235		
6,000.00	5,918.21	5,647.59	5,466.05	16.28	18.03	-53.52	1,079.57	2,042.36	1,691.23	1,659.73	31.50	53.685		
6,100.00	6,016.71	5,744.76	5,559.63	16.59	18.39	-54.07	1,100.38	2,058.16	1,708.25	1,676.11	32.14	53.155		
6,200.00	6,115.21	5,841.92	5,653.22	16.91	18.75	-54.62	1,121.20	2,073.95	1,725.42	1,692.64	32.77	52.645		
6,300.00	6,213.70	5,939.08	5,746.80	17.22	19.11	-55.15	1,142.01	2,089.75	1,742.74	1,709.32	33.41	52.155		
6,400.00	6,312.20	6,036.45	5,840.32	17.53	19.47	-55.68	1,162.82	2,105.54	1,759.62	1,726.19	34.05	51.665		
6,500.00	6,410.70	6,133.82	5,933.80	17.85	19.82	-56.21	1,183.63	2,121.33	1,775.50	1,742.06	34.69	51.175		
6,600.00	6,509.20	6,231.19	6,026.17	18.17	20.17	-56.73	1,204.44	2,136.84	1,791.37	1,757.93	35.33	50.685		
6,700.00	6,607.69	6,328.56	6,118.54	18.48	20.52	-57.26	1,225.25	2,152.35	1,807.24	1,773.80	35.97	50.195		
6,800.00	6,706.19	6,425.93	6,210.91	18.79	20.87	-57.78	1,246.06	2,167.86	1,823.11	1,789.67	36.61	49.705		
6,900.00	6,804.68	6,523.30	6,303.28	19.10	21.22	-58.31	1,266.87	2,183.37	1,838.98	1,805.54	37.25	49.215		
7,000.00	6,903.18	6,620.67	6,395.65	19.41	21.57	-58.83	1,287.68	2,198.88	1,854.85	1,821.41	37.89	48.725		
7,100.00	7,001.67	6,718.04	6,488.02	19.72	21.92	-59.36	1,308.49	2,214.39	1,870.72	1,837.28	38.53	48.235		
7,200.00	7,100.17	6,815.41	6,580.39	20.03	22.27	-59.88	1,329.30	2,229.90	1,886.59	1,853.15	39.17	47.745		
7,300.00	7,198.66	6,912.78	6,672.76	20.34	22.62	-60.41	1,350.11	2,245.41	1,902.46	1,868.02	39.81	47.255		
7,400.00	7,297.16	7,010.15	6,765.13	20.65	22.97	-60.93	1,370.92	2,260.92	1,917.97	1,883.49	40.45	46.765		
7,500.00	7,395.65	7,107.52	6,857.50	20.96	23.32	-61.46	1,391.73	2,276.43	1,933.48	1,898.96	41.09	46.275		
7,600.00	7,494.15	7,204.89	6,949.87	21.27	23.67	-61.98	1,412.54	2,291.94	1,948.99	1,914.47	41.73	45.785		
7,700.00	7,592.64	7,302.26	7,042.24	21.58	24.02	-62.51	1,433.35	2,307.45	1,964.50	1,929.98	42.37	45.295		
7,800.00	7,691.14	7,399.63	7,134.61	21.89	24.37	-63.03	1,454.16	2,322.96	1,979.99	1,945.49	43.01	44.805		
7,900.00	7,789.63	7,497.00	7,227.00	22.20	24.72	-63.56	1,474.97	2,338.47	1,995.50	1,960.98	43.65	44.315		
8,000.00	7,888.13	7,594.37	7,319.37	22.51	25.07	-64.08	1,495.78	2,353.98	2,010.99	1,976.47	44.29	43.825		
8,100.00	7,986.62	7,691.74	7,411.74	22.82	25.42	-64.61	1,516.59	2,369.49	2,026.50	1,991.96	44.93	43.335		
8,200.00	8,085.12	7,789.11	7,504.11	23.13	25.77	-65.13	1,537.40	2,385.00	2,042.01	2,007.45	45.57	42.845		
8,300.00	8,183.61	7,886.48	7,596.48	23.44	26.12	-65.66	1,558.21	2,400.51	2,057.52	2,022.96	46.21	42.355		
8,400.00	8,282.11	7,983.85	7,688.85	23.75	26.47	-66.18	1,579.02	2,416.02	2,073.03	2,038.47	46.85	41.865		
8,500.00	8,380.60	8,081.22	7,781.22	24.06	26.82	-66.71	1,599.83	2,431.53	2,088.54	2,053.98	47.49	41.375		
8,600.00	8,479.10	8,178.59	7,873.59	24.37	27.17	-67.23	1,620.64	2,447.04	2,104.05	2,069.49	48.13	40.885		
8,700.00	8,577.59	8,275.96	7,965.96	24.68	27.52	-67.76	1,641.45	2,462.55	2,119.56	2,084.98	48.77	40.395		
8,800.00	8,676.09	8,373.33	8,058.33	24.99	27.87	-68.28	1,662.26	2,478.06	2,135.07	2,100.49	49.41	39.905		
8,900.00	8,774.58	8,470.70	8,150.70	25.30	28.22	-68.81	1,683.07	2,493.57	2,150.58	2,115.98	50.05	39.415		
9,000.00	8,873.08	8,568.07	8,243.07	25.61	28.57	-69.33	1,703.88	2,509.08	2,166.09	2,131.49	50.69	38.925		
9,100.00	8,971.57	8,665.44	8,335.44	25.92	28.92	-69.86	1,724.69	2,524.59	2,181.60	2,146.98	51.33	38.435		
9,200.00	9,070.07	8,762.81	8,427.81	26.23	29.27	-70.38	1,745.50	2,540.10	2,197.11	2,162.49	51.97	37.945		
9,300.00	9,168.56	8,860.18	8,520.18	26.54	29.62	-70.91	1,766.31	2,555.61	2,212.62	2,177.98	52.61	37.455		
9,400.00	9,267.06	8,957.55	8,612.55	26.85	29.97	-71.43	1,787.12	2,571.12	2,228.13	2,193.49	53.25	36.965		
9,500.00	9,365.55	9,054.92	8,704.92	27.16	30.32	-71.96	1,807.93	2,586.63	2,243.64	2,208.98	53.89	36.475		
9,600.00	9,464.05	9,152.29	8,797.29	27.47	30.67	-72.48	1,828.74	2,602.14	2,259.15	2,224.49	54.53	35.985		
9,700.00	9,562.54	9,249.66	8,889.66	27.78	31.02	-73.01	1,849.55	2,617.65	2,274.66	2,239.98	55.17	35.495		
9,800.00	9,661.04	9,347.03	8,981.98	28.09	31.37	-73.53	1,870.36	2,633.16	2,290.17	2,255.49	55.81	35.005		
9,900.00	9,759.53	9,444.40	9,074.40	28.40	31.72	-74.06	1,891.17	2,648.67	2,305.68	2,270.98	56.45	34.515		
10,000.00	9,858.03	9,541.77	9,166.77	28.71	32.07	-74.58	1,911.98	2,664.18	2,321.19	2,286.49	57.09	34.025		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.19	-3.62	1,099.72	1,099.72				
100.00	100.00	101.00	99.00	3.28	3.28	90.19	-3.62	1,099.72	1,099.72	1,092.19	7.53	146.066	
200.00	200.00	201.00	199.00	3.31	3.31	90.19	-3.62	1,099.72	1,099.72	1,092.15	7.57	145.193	
300.00	299.99	286.07	286.07	3.35	3.34	-7.42	-3.54	1,099.93	1,098.90	1,091.25	7.65	143.596	
400.00	399.88	359.69	359.66	3.41	3.39	-7.49	-2.87	1,101.68	1,096.78	1,089.03	7.75	141.458	
500.00	499.55	433.29	433.16	3.50	3.44	-7.61	-1.54	1,105.20	1,093.60	1,085.72	7.88	138.712	
600.00	598.89	506.87	506.53	3.61	3.51	-7.78	0.47	1,110.48	1,089.38	1,081.33	8.04	135.415	
700.00	697.76	580.42	579.68	3.76	3.59	-8.01	3.14	1,117.51	1,084.12	1,075.88	8.24	131.611	
800.00	796.26	653.97	652.63	3.95	3.69	-8.29	6.48	1,126.30	1,079.03	1,070.58	8.46	127.555	
900.00	894.76	727.56	725.35	4.17	3.81	-8.59	10.48	1,136.84	1,076.36	1,067.65	8.71	123.613	
1,000.00	993.26	819.60	816.02	4.40	3.98	-9.00	16.11	1,151.68	1,075.55	1,066.52	9.03	119.087	
1,100.00	1,091.76	919.24	914.15	4.66	4.19	-9.45	22.24	1,167.83	1,074.91	1,065.50	9.41	114.256	
1,200.00	1,190.26	1,018.88	1,012.28	4.94	4.42	-9.90	28.37	1,183.97	1,074.34	1,064.53	9.81	109.468	
1,300.00	1,288.76	1,118.52	1,110.41	5.23	4.67	-10.35	34.50	1,200.11	1,073.83	1,063.59	10.25	104.800	
1,400.00	1,387.26	1,218.16	1,208.55	5.53	4.94	-10.80	40.63	1,216.26	1,073.39	1,062.69	10.70	100.303	
1,500.00	1,485.76	1,317.80	1,306.68	5.84	5.23	-11.25	46.76	1,232.40	1,073.02	1,061.84	11.18	95.998	
1,600.00	1,584.26	1,417.44	1,404.81	6.16	5.52	-11.70	52.89	1,248.54	1,072.72	1,061.05	11.67	91.943	
1,700.00	1,682.75	1,517.08	1,502.94	6.49	5.83	-12.15	59.02	1,264.69	1,072.48	1,060.30	12.17	88.094	
1,800.00	1,781.25	1,616.72	1,601.07	6.83	6.14	-12.60	65.15	1,280.83	1,072.31	1,059.61	12.69	84.472	
1,900.00	1,879.75	1,716.36	1,699.21	7.01	6.46	-13.05	71.28	1,296.97	1,072.20	1,059.32	12.88	83.224	
2,000.00	1,978.25	1,816.00	1,797.34	7.05	6.77	-13.51	77.41	1,313.12	1,072.16	1,059.02	13.14	81.569	
2,006.14	1,984.30	1,822.12	1,803.37	7.05	6.78	-13.53	77.79	1,314.11	1,072.16	1,059.18	12.98	82.583	
2,100.00	2,076.75	1,915.64	1,895.47	7.11	6.92	-13.96	83.54	1,329.26	1,072.19	1,059.07	13.12	81.691	
2,200.00	2,175.25	2,015.28	1,993.60	7.18	6.96	-14.41	89.67	1,345.40	1,072.29	1,059.09	13.20	81.257	
2,300.00	2,273.75	2,114.93	2,091.74	7.27	7.02	-14.86	95.80	1,361.55	1,072.45	1,059.15	13.30	80.643	
2,400.00	2,372.25	2,214.57	2,189.87	7.37	7.09	-15.31	101.93	1,377.69	1,072.68	1,059.25	13.43	79.862	
2,500.00	2,470.75	2,314.21	2,288.00	7.49	7.18	-15.76	108.06	1,393.83	1,072.98	1,059.39	13.59	78.930	
2,600.00	2,569.25	2,413.85	2,386.13	7.62	7.29	-16.21	114.19	1,409.98	1,073.35	1,059.56	13.79	77.863	
2,700.00	2,667.74	2,513.49	2,484.27	7.76	7.40	-16.66	120.32	1,426.12	1,073.78	1,059.77	14.00	76.679	
2,800.00	2,766.24	2,613.13	2,582.40	7.92	7.53	-17.11	126.45	1,442.26	1,074.27	1,060.03	14.25	75.397	
2,900.00	2,864.74	2,712.77	2,680.53	8.08	7.67	-17.56	132.58	1,458.41	1,074.84	1,060.32	14.52	74.035	
3,000.00	2,963.24	2,812.41	2,778.66	8.26	7.83	-18.01	138.71	1,474.55	1,075.47	1,060.66	14.81	72.612	
3,100.00	3,061.74	2,912.05	2,876.80	8.45	7.99	-18.46	144.84	1,490.69	1,076.17	1,061.04	15.13	71.144	
3,200.00	3,160.24	3,011.69	2,974.93	8.65	8.17	-18.91	150.97	1,506.84	1,076.93	1,061.47	15.46	69.645	
3,300.00	3,258.74	3,111.33	3,073.06	8.85	8.35	-19.35	157.10	1,522.98	1,077.76	1,061.94	15.82	68.129	
3,400.00	3,357.24	3,210.97	3,171.19	9.07	8.55	-19.80	163.23	1,539.12	1,078.65	1,062.46	16.19	66.609	
3,500.00	3,455.74	3,310.61	3,269.33	9.29	8.75	-20.25	169.36	1,555.27	1,079.62	1,063.03	16.59	65.094	
3,600.00	3,554.23	3,410.25	3,367.46	9.52	8.96	-20.69	175.49	1,571.41	1,080.64	1,063.65	16.99	63.592	
3,700.00	3,652.73	3,509.89	3,465.59	9.76	9.18	-21.13	181.62	1,587.56	1,081.73	1,064.32	17.42	62.111	
3,800.00	3,751.23	3,609.53	3,563.72	10.00	9.41	-21.58	187.75	1,603.70	1,082.89	1,065.04	17.85	60.656	
3,900.00	3,849.73	3,709.17	3,661.86	10.25	9.64	-22.02	193.88	1,619.84	1,084.11	1,065.81	18.30	59.234	
4,000.00	3,948.23	3,808.81	3,759.99	10.50	9.88	-22.46	200.01	1,635.99	1,085.40	1,066.64	18.76	57.844	
4,100.00	4,046.73	3,908.45	3,858.12	10.76	10.12	-22.90	206.14	1,652.13	1,086.75	1,067.52	19.24	56.490	
4,200.00	4,145.23	4,008.09	3,958.25	11.02	10.37	-23.34	212.27	1,668.27	1,088.17	1,068.45	19.72	55.178	
4,300.00	4,243.73	4,107.73	4,054.38	11.29	10.63	-23.78	218.40	1,684.42	1,089.65	1,069.44	20.22	53.903	
4,400.00	4,342.23	4,207.37	4,152.52	11.56	10.88	-24.21	224.53	1,700.56	1,091.20	1,070.48	20.72	52.669	
4,500.00	4,440.72	4,307.01	4,250.65	11.84	11.15	-24.65	230.66	1,716.70	1,092.80	1,071.57	21.23	51.477	
4,600.00	4,539.22	4,406.65	4,348.78	12.12	11.41	-25.08	236.79	1,732.85	1,094.47	1,072.73	21.75	50.324	
4,700.00	4,637.72	4,506.29	4,446.91	12.40	11.68	-25.51	242.92	1,748.99	1,096.21	1,073.93	22.28	49.211	
4,800.00	4,736.22	4,605.93	4,545.05	12.69	11.96	-25.95	249.05	1,765.13	1,098.01	1,075.20	22.81	48.138	
4,900.00	4,834.72	4,705.57	4,643.18	12.97	12.23	-26.38	255.18	1,781.28	1,099.86	1,076.51	23.35	47.103	
5,000.00	4,933.22	4,805.21	4,741.31	13.26	12.51	-26.80	261.31	1,797.42	1,101.79	1,077.89	23.90	46.105	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	4,904.85	4,839.44	13.56	12.79	-27.23	267.44	1,813.56	1,103.77	1,079.32	24.45	45.144		
5,200.00	5,130.22	5,004.49	4,937.58	13.85	13.08	-27.66	273.57	1,829.71	1,105.81	1,080.81	25.01	44.218		
5,300.00	5,228.72	5,104.13	5,035.71	14.15	13.37	-28.08	279.70	1,845.85	1,107.92	1,082.35	25.57	43.326		
5,400.00	5,327.21	5,203.77	5,133.84	14.45	13.65	-28.50	285.83	1,861.99	1,110.09	1,083.95	26.14	42.467		
5,500.00	5,425.71	5,303.41	5,231.97	14.75	13.95	-28.92	291.96	1,878.14	1,112.31	1,085.60	26.71	41.639		
5,600.00	5,524.21	5,403.05	5,330.11	15.05	14.24	-29.34	298.09	1,894.28	1,114.60	1,087.31	27.29	40.842		
5,700.00	5,622.71	5,502.69	5,428.24	15.36	14.54	-29.76	304.22	1,910.42	1,116.95	1,089.07	27.87	40.074		
5,800.00	5,721.21	5,602.33	5,526.37	15.67	14.83	-30.17	310.35	1,926.57	1,119.35	1,090.89	28.46	39.334		
5,900.00	5,819.71	5,701.97	5,624.50	15.97	15.13	-30.59	316.48	1,942.71	1,121.82	1,092.77	29.05	38.620		
6,000.00	5,918.21	5,801.61	5,722.64	16.28	15.43	-31.00	322.61	1,958.85	1,124.34	1,094.70	29.64	37.933		
6,100.00	6,016.71	5,901.25	5,820.77	16.59	15.73	-31.41	328.74	1,975.00	1,126.92	1,096.68	30.24	37.270		
6,200.00	6,115.21	6,000.89	5,918.90	16.91	16.04	-31.82	334.87	1,991.14	1,129.56	1,098.72	30.84	36.631		
6,300.00	6,213.70	6,100.53	6,017.03	17.22	16.34	-32.22	341.00	2,007.28	1,132.25	1,100.82	31.44	36.015		
6,400.00	6,312.20	6,236.45	6,282.93	17.53	22.66	-115.94	425.09	986.63	1,122.16	1,090.05	32.10	34.955		
6,500.00	6,410.70	6,216.34	6,283.54	17.85	22.46	-114.18	425.04	1,006.72	1,039.68	1,006.98	32.69	31.800		
6,600.00	6,509.20	6,203.76	6,284.15	18.17	22.34	-112.38	425.00	1,026.81	960.11	926.67	33.44	28.710		
6,700.00	6,607.69	6,176.10	6,284.77	18.48	22.10	-110.76	424.96	1,046.95	884.26	850.02	34.23	25.830		
6,800.00	6,704.15	6,147.28	6,285.64	18.86	21.85	-113.27	424.89	1,075.75	814.70	779.53	35.17	23.164		
6,900.00	6,795.38	6,103.85	6,286.96	19.35	21.47	-115.07	424.80	1,119.16	754.41	718.24	36.17	20.858		
7,000.00	6,879.12	6,046.89	6,288.70	19.94	21.03	-115.31	424.68	1,176.09	704.84	667.61	37.24	18.929		
7,100.00	6,953.32	6,977.79	7,290.80	20.64	20.53	-114.26	424.53	1,245.16	666.47	628.16	38.31	17.397		
7,200.00	7,016.16	7,901.74	7,293.22	21.44	20.03	-112.39	424.36	1,324.66	638.69	599.31	39.38	16.219		
7,300.00	7,066.07	7,810.25	7,295.89	22.34	19.53	-110.25	424.17	1,412.63	620.04	579.64	40.40	15.348		
7,400.00	7,101.84	7,682.92	7,293.29	23.34	19.02	-107.09	423.48	1,539.78	607.07	565.70	41.37	14.673		
7,500.00	7,122.58	7,547.38	7,263.99	24.40	18.66	-103.07	421.10	1,671.83	593.34	550.72	42.61	13.923		
7,600.00	7,127.94	7,427.15	7,215.17	25.51	18.50	-98.86	417.57	1,781.46	579.93	535.90	44.03	13.171		
7,700.00	7,127.49	7,325.75	7,158.61	26.66	18.46	-93.29	413.65	1,865.40	567.79	522.29	45.50	12.480		
7,800.00	7,127.05	7,244.65	7,104.25	27.87	18.46	-87.78	409.98	1,925.39	560.46	513.66	46.80	11.975		
7,837.40	7,126.88	7,218.83	7,085.39	28.34	18.47	-85.85	408.71	1,942.98	559.79	512.58	47.21	11.858 CC, ES		
7,900.00	7,126.60	7,180.27	7,055.95	29.13	18.48	-82.84	406.75	1,967.79	561.84	514.11	47.73	11.770 SF		
8,000.00	7,126.16	7,128.90	7,014.49	30.43	18.49	-78.64	404.01	1,997.98	574.46	526.29	48.17	11.926		
8,100.00	7,125.71	7,087.45	6,979.35	31.76	18.49	-75.14	401.71	2,019.82	599.29	551.19	48.10	12.458		
8,200.00	7,125.26	7,050.00	6,946.44	33.12	18.50	-71.93	399.56	2,037.56	636.03	588.40	47.63	13.355		
8,300.00	7,124.82	7,025.53	6,924.40	34.52	18.49	-69.83	398.12	2,048.09	683.41	636.47	46.94	14.558		
8,400.00	7,124.37	7,000.00	6,900.99	35.93	18.49	-67.64	396.60	2,058.16	739.90	693.77	46.12	16.042		
8,500.00	7,123.92	6,982.03	6,884.28	37.37	18.49	-66.12	395.52	2,064.68	803.84	758.52	45.32	17.737		
8,600.00	7,123.48	6,964.90	6,868.19	38.82	18.48	-64.67	394.48	2,070.46	873.83	829.27	44.56	19.612		
8,700.00	7,123.03	6,950.00	6,854.07	40.30	18.47	-63.43	393.57	2,075.12	948.65	904.78	43.87	21.625		
8,800.00	7,122.59	6,937.12	6,841.78	41.79	18.47	-62.37	392.78	2,078.89	1,027.35	984.09	43.26	23.747		
8,900.00	7,122.14	6,925.71	6,830.83	43.29	18.46	-61.44	392.07	2,082.02	1,109.17	1,066.43	42.74	25.952		
9,000.00	7,121.69	6,915.60	6,821.09	44.80	18.45	-60.62	391.45	2,084.63	1,193.52	1,151.23	42.29	28.222		
9,100.00	7,121.25	6,900.00	6,805.96	46.33	18.45	-59.37	390.48	2,088.35	1,279.99	1,238.12	41.87	30.573		
9,200.00	7,120.80	6,900.00	6,805.96	47.86	18.45	-59.37	390.48	2,088.35	1,368.06	1,326.47	41.59	32.890		
9,300.00	7,120.35	6,900.00	6,805.96	49.40	18.45	-59.37	390.48	2,088.35	1,457.67	1,416.31	41.36	35.241		
9,400.00	7,119.91	6,900.00	6,805.96	50.96	18.45	-59.37	390.48	2,088.35	1,548.56	1,507.39	41.17	37.617		
9,500.00	7,119.46	6,878.55	6,785.03	52.52	18.43	-57.69	389.14	2,092.85	1,640.02	1,599.15	40.88	40.121		
9,600.00	7,119.02	6,873.04	6,779.63	54.08	18.42	-57.26	388.79	2,093.89	1,732.59	1,691.88	40.71	42.558		
9,700.00	7,118.57	6,867.99	6,774.67	55.65	18.42	-56.87	388.48	2,094.81	1,825.89	1,785.32	40.57	45.002		
9,800.00	7,118.12	6,850.00	6,756.97	57.23	18.40	-55.51	387.35	2,097.74	1,919.99	1,879.61	40.39	47.541		
9,900.00	7,117.68	6,850.00	6,756.97	58.81	18.40	-55.51	387.35	2,097.74	2,014.37	1,974.05	40.32	49.964		
10,000.00	7,117.23	6,850.00	6,756.97	60.40	18.40	-55.51	387.35	2,097.74	2,109.26	2,069.00	40.26	52.389		
10,100.00	7,116.78	6,850.00	6,756.97	61.99	18.40	-55.51	387.35	2,097.74	2,204.61	2,164.39	40.22	54.813		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,116.34	6,850.00	6,756.97	63.59	18.40	-55.51	387.35	2,097.74	2,300.35	2,260.15	40.19	57.235	
10,300.00	7,115.89	6,850.00	6,756.97	65.19	18.40	-55.51	387.35	2,097.74	2,396.43	2,356.26	40.17	59.654	
10,400.00	7,115.44	6,850.00	6,756.97	66.80	18.40	-55.51	387.35	2,097.74	2,492.83	2,452.67	40.16	62.068	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	-1.00	3.28	3.28	90.18	-3.26	1,059.63	1,059.63					
100.00	100.00	101.00	99.00	3.28	3.28	90.18	-3.26	1,059.63	1,059.63	1,052.10	7.53	140.741		
200.00	200.00	201.00	199.00	3.31	3.31	90.18	-3.26	1,059.63	1,059.63	1,052.06	7.57	139.900		
300.00	299.99	301.01	298.99	3.35	3.35	-7.43	-3.26	1,059.63	1,058.52	1,050.86	7.66	138.149		
400.00	399.88	401.12	398.88	3.41	3.42	-7.48	-3.26	1,059.63	1,054.03	1,046.23	7.79	135.262		
500.00	499.55	501.45	498.55	3.50	3.51	-7.56	-3.26	1,059.63	1,046.08	1,038.11	7.97	131.280		
600.00	598.89	602.11	597.89	3.61	3.61	-7.67	-3.26	1,059.63	1,034.68	1,026.49	8.19	126.371		
700.00	697.76	703.24	696.76	3.76	3.74	-7.82	-3.26	1,059.63	1,019.86	1,011.41	8.45	120.703		
800.00	796.26	795.26	795.26	3.95	3.87	-7.97	-3.26	1,059.63	1,002.81	994.08	8.73	114.841		
900.00	894.76	869.77	869.76	4.17	3.97	-8.07	-3.21	1,060.47	986.85	977.85	9.00	109.683		
1,000.00	993.26	943.61	943.55	4.40	4.08	-8.19	-3.05	1,063.22	973.43	964.15	9.28	104.895		
1,100.00	1,091.76	1,017.90	1,017.69	4.66	4.20	-8.31	-2.77	1,067.90	962.59	953.01	9.58	100.474		
1,200.00	1,190.26	1,092.57	1,092.06	4.94	4.32	-8.44	-2.38	1,074.53	954.33	944.43	9.90	96.398		
1,300.00	1,288.76	1,167.50	1,166.49	5.23	4.46	-8.58	-1.88	1,083.13	948.69	938.45	10.24	92.674		
1,400.00	1,387.26	1,242.59	1,240.84	5.53	4.62	-8.72	-1.26	1,093.69	945.67	935.08	10.59	89.313		
1,464.88	1,451.17	1,291.36	1,288.95	5.73	4.72	-8.82	-0.80	1,101.59	945.11	934.29	10.82	87.331		
1,500.00	1,485.76	1,317.75	1,314.94	5.84	4.78	-8.87	-0.53	1,106.21	945.27	934.32	10.95	86.312		
1,600.00	1,584.26	1,408.37	1,403.94	6.16	5.00	-9.06	0.47	1,123.21	947.00	935.62	11.38	83.218		
1,700.00	1,682.75	1,508.29	1,502.05	6.49	5.26	-9.26	1.58	1,142.10	948.93	937.07	11.86	80.039		
1,800.00	1,781.25	1,608.22	1,600.17	6.83	5.55	-9.46	2.68	1,161.00	950.87	938.52	12.35	77.001		
1,900.00	1,879.75	1,708.14	1,698.29	7.01	5.84	-9.66	3.79	1,179.90	952.82	940.30	12.51	76.137		
2,000.00	1,978.25	1,808.07	1,796.40	7.05	6.14	-9.86	4.90	1,198.80	954.78	942.01	12.77	74.783		
2,100.00	2,076.75	1,907.99	1,894.52	7.11	6.30	-10.05	6.00	1,217.69	956.75	944.01	12.75	75.056		
2,200.00	2,175.25	2,007.92	1,992.63	7.18	6.34	-10.25	7.11	1,236.59	958.74	945.92	12.82	74.806		
2,300.00	2,273.75	2,107.85	2,090.75	7.27	6.39	-10.45	8.22	1,255.49	960.73	947.82	12.92	74.370		
2,400.00	2,372.25	2,207.77	2,188.87	7.37	6.47	-10.64	9.32	1,274.38	962.74	949.69	13.05	73.761		
2,500.00	2,470.75	2,307.70	2,286.98	7.49	6.57	-10.84	10.43	1,293.28	964.76	951.54	13.22	72.993		
2,600.00	2,569.25	2,407.62	2,385.10	7.62	6.68	-11.03	11.54	1,312.18	966.79	953.38	13.41	72.084		
2,700.00	2,667.74	2,507.55	2,483.22	7.76	6.81	-11.23	12.65	1,331.08	968.83	955.19	13.64	71.053		
2,800.00	2,766.24	2,607.47	2,581.33	7.92	6.95	-11.42	13.75	1,349.97	970.88	956.99	13.89	69.918		
2,900.00	2,864.74	2,707.40	2,679.45	8.08	7.11	-11.61	14.86	1,368.87	972.94	958.78	14.16	68.699		
3,000.00	2,963.24	2,807.33	2,777.57	8.26	7.28	-11.80	15.97	1,387.77	975.02	960.55	14.46	67.414		
3,100.00	3,061.74	2,907.25	2,875.68	8.45	7.47	-11.99	17.07	1,406.67	977.10	962.32	14.79	66.084		
3,200.00	3,160.24	3,007.18	2,973.80	8.65	7.67	-12.18	18.18	1,425.56	979.20	964.06	15.13	64.713		
3,300.00	3,258.74	3,107.10	3,071.92	8.85	7.88	-12.37	19.29	1,444.46	981.30	965.81	15.50	63.326		
3,400.00	3,357.24	3,207.03	3,170.03	9.07	8.09	-12.56	20.39	1,463.36	983.42	967.54	15.88	61.933		
3,500.00	3,455.74	3,306.96	3,268.15	9.29	8.32	-12.74	21.50	1,482.26	985.54	969.26	16.28	60.541		
3,600.00	3,554.23	3,406.88	3,366.26	9.52	8.56	-12.93	22.61	1,501.15	987.68	970.99	16.69	59.161		
3,700.00	3,652.73	3,506.81	3,464.38	9.76	8.80	-13.11	23.71	1,520.05	989.83	972.70	17.13	57.798		
3,800.00	3,751.23	3,606.73	3,562.50	10.00	9.05	-13.30	24.82	1,538.95	991.99	974.42	17.57	56.460		
3,900.00	3,849.73	3,706.66	3,660.61	10.25	9.31	-13.48	25.93	1,557.85	994.15	976.13	18.03	55.148		
4,000.00	3,948.23	3,806.58	3,758.73	10.50	9.57	-13.67	27.04	1,576.74	996.33	977.84	18.50	53.868		
4,100.00	4,046.73	3,906.51	3,856.85	10.76	9.84	-13.85	28.14	1,595.64	998.52	979.54	18.98	52.622		
4,200.00	4,145.23	4,006.44	3,954.96	11.02	10.12	-14.03	29.25	1,614.54	1,000.72	981.25	19.46	51.411		
4,300.00	4,243.73	4,106.36	4,053.08	11.29	10.40	-14.21	30.36	1,633.43	1,002.93	982.96	19.96	50.237		
4,400.00	4,342.23	4,206.29	4,151.20	11.56	10.68	-14.39	31.46	1,652.33	1,005.14	984.67	20.47	49.100		
4,500.00	4,440.72	4,306.21	4,249.31	11.84	10.97	-14.57	32.57	1,671.23	1,007.37	986.39	20.99	48.001		
4,600.00	4,539.22	4,406.14	4,347.43	12.12	11.26	-14.75	33.68	1,690.13	1,009.61	988.10	21.51	46.938		
4,700.00	4,637.72	4,506.07	4,445.55	12.40	11.55	-14.92	34.78	1,709.02	1,011.86	989.82	22.04	45.911		
4,800.00	4,736.22	4,605.99	4,543.66	12.69	11.85	-15.10	35.89	1,727.92	1,014.11	991.54	22.58	44.921		
4,900.00	4,834.72	4,705.92	4,641.78	12.97	12.15	-15.28	37.00	1,746.82	1,016.38	993.26	23.12	43.965		
5,000.00	4,933.22	4,805.84	4,739.89	13.26	12.46	-15.45	38.11	1,765.72	1,018.66	994.99	23.67	43.043		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.72	4,905.77	4,838.01	13.56	12.76	-15.62	39.21	1,784.61	1,020.94	996.72	24.22	42.155	
5,200.00	5,130.22	5,005.69	4,936.13	13.85	13.07	-15.80	40.32	1,803.51	1,023.24	998.46	24.78	41.298	
5,300.00	5,228.72	5,105.62	5,034.24	14.15	13.38	-15.97	41.43	1,822.41	1,025.54	1,000.20	25.34	40.472	
5,400.00	5,327.21	5,205.55	5,132.36	14.45	13.70	-16.14	42.53	1,841.31	1,027.86	1,001.95	25.91	39.675	
5,500.00	5,425.71	5,305.47	5,230.48	14.75	14.01	-16.31	43.64	1,860.20	1,030.18	1,003.70	26.48	38.907	
5,600.00	5,524.21	5,405.40	5,328.59	15.05	14.33	-16.48	44.75	1,879.10	1,032.51	1,005.46	27.05	38.167	
5,700.00	5,622.71	5,505.32	5,426.71	15.36	14.65	-16.65	45.85	1,898.00	1,034.85	1,007.22	27.63	37.453	
5,800.00	5,721.21	5,605.25	5,524.83	15.67	14.97	-16.82	46.96	1,916.90	1,037.20	1,008.99	28.21	36.764	
5,900.00	5,819.71	5,705.18	5,622.94	15.97	15.29	-16.99	48.07	1,935.79	1,039.56	1,010.76	28.80	36.099	
6,000.00	5,918.21	5,805.10	5,721.06	16.28	15.61	-17.16	49.18	1,954.69	1,041.93	1,012.54	29.39	35.457	
6,100.00	6,016.71	7,933.41	6,975.05	16.59	22.00	-139.08	62.14	939.15	978.42	949.35	29.07	33.659	
6,200.00	6,115.21	7,913.81	6,975.54	16.91	21.80	-136.03	62.17	958.74	882.98	853.67	29.30	30.132	
6,300.00	6,213.70	7,905.78	6,976.04	17.22	21.73	-132.70	62.19	978.33	788.17	758.52	29.65	26.582	
6,400.00	6,312.20	7,874.63	6,976.53	17.53	21.44	-129.08	62.22	997.91	694.28	664.34	29.94	23.190	
6,500.00	6,410.70	7,855.04	6,977.03	17.85	21.27	-125.16	62.24	1,017.50	601.71	571.31	30.40	19.792	
6,600.00	6,509.20	7,835.44	6,977.52	18.17	21.10	-120.94	62.26	1,037.09	511.19	480.15	31.05	16.466	
6,700.00	6,607.69	7,815.81	6,978.02	18.48	20.92	-116.94	62.29	1,056.72	424.06	392.05	32.01	13.248	
6,800.00	6,704.15	7,787.49	6,978.74	18.86	20.68	-118.36	62.32	1,085.03	344.61	311.15	33.47	10.298	
6,900.00	6,795.38	7,744.53	6,979.82	19.35	20.34	-115.63	62.37	1,127.97	279.31	243.70	35.61	7.844	
7,000.00	6,879.12	7,688.00	6,981.25	19.94	19.91	-108.25	62.44	1,184.49	234.49	196.27	38.21	6.136	
7,100.00	6,953.32	7,619.27	6,982.99	20.64	19.45	-96.84	62.53	1,253.19	214.26	174.06	40.21	5.329	
7,141.28	6,980.73	7,587.74	6,983.79	20.97	19.25	-91.42	62.57	1,284.71	212.61	172.01	40.59	5.237 CC, ES, SF	
7,200.00	7,016.16	7,540.05	6,985.00	21.44	18.99	-83.61	62.62	1,332.38	215.33	174.63	40.70	5.291	
7,300.00	7,066.07	7,453.20	6,987.15	22.34	18.56	-71.84	62.73	1,419.21	227.75	187.50	40.25	5.658	
7,400.00	7,101.84	7,373.70	6,983.24	23.34	18.26	-63.05	62.76	1,498.56	244.84	205.43	39.41	6.212	
7,500.00	7,122.58	7,297.10	6,970.15	24.40	18.02	-55.80	62.69	1,573.99	264.70	226.26	38.44	6.887	
7,600.00	7,127.94	7,222.83	6,948.90	25.51	17.85	-50.19	62.52	1,645.11	285.32	247.77	37.55	7.598	
7,700.00	7,127.49	7,153.20	6,921.59	26.66	17.74	-46.09	62.27	1,709.12	311.83	275.23	36.60	8.520	
7,800.00	7,127.05	7,090.27	6,891.02	27.87	17.68	-42.07	61.99	1,764.10	348.06	312.47	35.58	9.781	
7,900.00	7,126.60	7,034.15	6,859.30	29.13	17.65	-38.44	61.68	1,810.37	393.58	358.89	34.69	11.346	
8,000.00	7,126.16	6,984.54	6,827.96	30.43	17.65	-35.34	61.36	1,848.81	447.43	413.42	34.01	13.156	
8,100.00	7,125.71	6,940.87	6,797.97	31.76	17.65	-32.74	61.06	1,880.54	508.38	474.83	33.55	15.152	
8,200.00	7,125.26	6,900.00	6,767.99	33.12	17.66	-30.46	60.75	1,908.31	575.26	542.00	33.26	17.294	
8,300.00	7,124.82	6,868.70	6,743.87	34.52	17.67	-28.82	60.51	1,928.24	646.99	613.84	33.15	19.519	
8,400.00	7,124.37	6,838.90	6,720.01	35.93	17.68	-27.34	60.26	1,946.10	722.73	689.62	33.11	21.828	
8,500.00	7,123.92	6,812.53	6,698.23	37.37	17.68	-26.11	60.03	1,960.95	801.74	768.61	33.14	24.196	
8,600.00	7,123.48	6,800.00	6,687.66	38.82	17.69	-25.54	59.92	1,967.69	883.62	850.36	33.26	26.564	
8,700.00	7,123.03	6,768.23	6,660.30	40.30	17.70	-24.18	59.63	1,983.83	967.43	934.14	33.29	29.058	
8,800.00	7,122.59	6,750.00	6,644.26	41.79	17.70	-23.44	59.46	1,992.47	1,053.28	1,019.88	33.40	31.531	
8,900.00	7,122.14	6,732.70	6,628.80	43.29	17.70	-22.77	59.30	2,000.24	1,140.72	1,107.20	33.52	34.035	
9,000.00	7,121.69	6,717.51	6,615.06	44.80	17.71	-22.20	59.15	2,006.71	1,229.49	1,195.86	33.64	36.553	
9,100.00	7,121.25	6,700.00	6,599.04	46.33	17.71	-21.57	58.98	2,013.77	1,319.43	1,285.69	33.74	39.102	
9,200.00	7,120.80	6,700.00	6,599.04	47.86	17.71	-21.57	58.98	2,013.77	1,410.41	1,376.49	33.91	41.588	
9,300.00	7,120.35	6,679.78	6,580.30	49.40	17.71	-20.87	58.78	2,021.36	1,502.08	1,468.08	34.00	44.179	
9,400.00	7,119.91	6,669.31	6,570.50	50.96	17.71	-20.52	58.67	2,025.06	1,594.58	1,560.46	34.12	46.735	
9,500.00	7,119.46	6,650.00	6,552.28	52.52	17.71	-19.90	58.48	2,031.45	1,687.82	1,653.62	34.21	49.339	
9,600.00	7,119.02	6,650.00	6,552.28	54.08	17.71	-19.90	58.48	2,031.45	1,781.44	1,747.09	34.35	51.854	
9,700.00	7,118.57	6,650.00	6,552.28	55.65	17.71	-19.90	58.48	2,031.45	1,875.71	1,841.22	34.50	54.376	
9,800.00	7,118.12	6,650.00	6,552.28	57.23	17.71	-19.90	58.48	2,031.45	1,970.55	1,935.92	34.63	56.902	
9,900.00	7,117.68	6,627.95	6,531.25	58.81	17.70	-19.23	58.25	2,038.08	2,065.38	2,030.68	34.70	59.522	
10,000.00	7,117.23	6,621.37	6,524.94	60.40	17.70	-19.04	58.18	2,039.91	2,160.80	2,125.99	34.81	62.070	
10,100.00	7,116.78	6,600.00	6,504.29	61.99	17.69	-18.43	57.96	2,045.42	2,256.77	2,221.88	34.89	64.688	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,116.34	6,600.00	6,504.29	63.59	17.69	-18.43	57.96	2,045.42	2,352.64	2,317.63	35.01	67.192	
10,300.00	7,115.89	6,600.00	6,504.29	65.19	17.69	-18.43	57.96	2,045.42	2,448.85	2,413.71	35.14	69.692	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
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	99.00	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	199.00	199.00	3.31	3.30	90.17	-3.26	1,079.67	1,079.68	1,072.10	7.57	142.559		
300.00	299.99	272.64	272.63	3.35	3.33	-7.45	-3.01	1,080.56	1,079.78	1,072.13	7.64	141.253		
400.00	399.88	346.00	345.93	3.41	3.38	-7.51	-2.26	1,083.26	1,078.95	1,071.21	7.74	139.387		
500.00	499.55	419.34	419.13	3.50	3.43	-7.62	-1.01	1,087.76	1,077.14	1,069.27	7.87	136.928		
600.00	598.89	492.67	492.16	3.61	3.50	-7.78	0.74	1,094.07	1,074.34	1,066.32	8.02	133.908		
700.00	697.76	565.97	564.98	3.76	3.58	-7.99	2.98	1,102.17	1,070.57	1,062.36	8.21	130.372		
800.00	796.26	639.28	637.56	3.95	3.68	-8.23	5.73	1,112.06	1,067.04	1,058.61	8.43	126.576		
900.00	894.76	721.31	718.47	4.17	3.82	-8.53	9.34	1,125.07	1,065.83	1,057.13	8.70	122.549		
1,000.00	993.26	821.07	816.79	4.40	4.01	-8.89	13.86	1,141.39	1,065.22	1,056.17	9.04	117.813		
1,100.00	1,091.76	920.84	915.10	4.66	4.23	-9.26	18.39	1,157.70	1,064.65	1,055.23	9.42	113.027		
1,200.00	1,190.26	1,020.60	1,013.42	4.94	4.46	-9.63	22.91	1,174.01	1,064.12	1,054.30	9.83	108.293		
1,300.00	1,288.76	1,120.37	1,111.74	5.23	4.72	-10.00	27.44	1,190.33	1,063.64	1,053.39	10.26	103.681		
1,400.00	1,387.26	1,220.13	1,210.06	5.53	5.00	-10.36	31.96	1,206.64	1,063.21	1,052.50	10.71	99.240		
1,500.00	1,485.76	1,319.90	1,308.38	5.84	5.28	-10.73	36.49	1,222.95	1,062.82	1,051.63	11.19	94.997		
1,600.00	1,584.26	1,419.66	1,406.69	6.16	5.58	-11.10	41.01	1,239.27	1,062.47	1,050.79	11.68	90.988		
1,700.00	1,682.75	1,519.43	1,505.01	6.49	5.88	-11.47	45.54	1,255.58	1,062.17	1,049.98	12.18	87.188		
1,800.00	1,781.25	1,619.19	1,603.33	6.83	6.20	-11.84	50.06	1,271.90	1,061.91	1,049.21	12.70	83.610		
1,900.00	1,879.75	1,718.95	1,701.65	7.01	6.52	-12.21	54.59	1,288.21	1,061.69	1,048.80	12.89	82.379		
2,000.00	1,978.25	1,818.72	1,799.96	7.05	6.82	-12.58	59.11	1,304.52	1,061.52	1,048.38	13.14	80.761		
2,100.00	2,076.75	1,918.48	1,898.28	7.11	6.97	-12.94	63.64	1,320.84	1,061.40	1,048.28	13.12	80.899		
2,200.00	2,175.25	2,018.25	1,996.60	7.18	7.01	-13.31	68.16	1,337.15	1,061.31	1,048.12	13.19	80.458		
2,300.00	2,273.75	2,118.01	2,094.92	7.27	7.07	-13.68	72.69	1,353.46	1,061.28	1,047.98	13.29	79.840		
2,335.28	2,308.50	2,153.21	2,129.60	7.30	7.10	-13.81	74.28	1,359.22	1,061.27	1,047.94	13.34	79.567		
2,400.00	2,372.25	2,217.78	2,193.23	7.37	7.14	-14.05	77.21	1,369.78	1,061.28	1,047.86	13.42	79.056		
2,500.00	2,470.75	2,317.54	2,291.55	7.49	7.23	-14.42	81.74	1,386.09	1,061.33	1,047.75	13.59	78.121		
2,600.00	2,569.25	2,417.31	2,389.87	7.62	7.33	-14.79	86.26	1,402.40	1,061.43	1,047.65	13.78	77.052		
2,700.00	2,667.74	2,517.07	2,488.19	7.76	7.45	-15.16	90.79	1,418.72	1,061.57	1,047.58	13.99	75.867		
2,800.00	2,766.24	2,616.84	2,586.51	7.92	7.58	-15.53	95.31	1,435.03	1,061.75	1,047.52	14.24	74.584		
2,900.00	2,864.74	2,716.60	2,684.82	8.08	7.72	-15.90	99.84	1,451.34	1,061.98	1,047.48	14.50	73.222		
3,000.00	2,963.24	2,816.37	2,783.14	8.26	7.87	-16.27	104.36	1,467.66	1,062.25	1,047.46	14.79	71.799		
3,100.00	3,061.74	2,916.13	2,881.46	8.45	8.03	-16.64	108.89	1,483.97	1,062.57	1,047.46	15.11	70.330		
3,200.00	3,160.24	3,015.90	2,979.78	8.65	8.21	-17.00	113.41	1,500.28	1,062.93	1,047.49	15.44	68.831		
3,300.00	3,258.74	3,115.66	3,078.09	8.85	8.39	-17.37	117.94	1,516.60	1,063.33	1,047.54	15.80	67.315		
3,400.00	3,357.24	3,215.42	3,176.41	9.07	8.59	-17.74	122.46	1,532.91	1,063.78	1,047.61	16.17	65.794		
3,500.00	3,455.74	3,315.19	3,274.73	9.29	8.79	-18.11	126.99	1,549.22	1,064.27	1,047.72	16.56	64.277		
3,600.00	3,554.23	3,414.95	3,373.05	9.52	9.00	-18.47	131.51	1,565.54	1,064.81	1,047.85	16.96	62.774		
3,700.00	3,652.73	3,514.72	3,471.37	9.76	9.21	-18.84	136.04	1,581.85	1,065.39	1,048.01	17.38	61.291		
3,800.00	3,751.23	3,614.48	3,569.68	10.00	9.44	-19.21	140.56	1,598.17	1,066.01	1,048.20	17.82	59.834		
3,900.00	3,849.73	3,714.25	3,668.00	10.25	9.67	-19.57	145.09	1,614.48	1,066.68	1,048.42	18.26	58.407		
4,000.00	3,948.23	3,814.01	3,766.32	10.50	9.91	-19.94	149.61	1,630.79	1,067.39	1,048.67	18.72	57.014		
4,100.00	4,046.73	3,913.78	3,864.64	10.76	10.15	-20.30	154.13	1,647.11	1,068.15	1,048.96	19.19	55.658		
4,200.00	4,145.23	4,013.54	3,962.95	11.02	10.39	-20.67	158.66	1,663.42	1,068.95	1,049.28	19.67	54.340		
4,300.00	4,243.73	4,113.31	4,061.27	11.29	10.65	-21.03	163.18	1,679.73	1,069.79	1,049.63	20.16	53.061		
4,400.00	4,342.23	4,213.07	4,159.59	11.56	10.90	-21.39	167.71	1,696.05	1,070.67	1,050.01	20.66	51.822		
4,500.00	4,440.72	4,312.84	4,257.91	11.84	11.16	-21.76	172.23	1,712.36	1,071.60	1,050.43	21.17	50.623		
4,600.00	4,539.22	4,412.60	4,356.23	12.12	11.43	-22.12	176.76	1,728.67	1,072.57	1,050.89	21.68	49.465		
4,700.00	4,637.72	4,512.37	4,454.54	12.40	11.70	-22.48	181.28	1,744.99	1,073.59	1,051.38	22.21	48.346		
4,800.00	4,736.22	4,612.13	4,552.86	12.69	11.97	-22.84	185.81	1,761.30	1,074.64	1,051.91	22.74	47.266		
4,900.00	4,834.72	4,711.89	4,651.18	12.97	12.24	-23.20	190.33	1,777.61	1,075.74	1,052.47	23.27	46.224		
5,000.00	4,933.22	4,811.66	4,749.50	13.26	12.52	-23.56	194.86	1,793.93	1,076.89	1,053.07	23.81	45.219		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.72	4,911.42	4,847.81	13.56	12.80	-23.92	199.38	1,810.24	1,078.07	1,053.71	24.36	44.250	
5,200.00	5,130.22	5,011.19	4,946.13	13.85	13.09	-24.28	203.91	1,826.55	1,079.30	1,054.38	24.92	43.316	
5,300.00	5,228.72	5,110.95	5,044.45	14.15	13.37	-24.63	208.43	1,842.87	1,080.57	1,055.09	25.48	42.416	
5,400.00	5,327.21	5,210.72	5,142.77	14.45	13.66	-24.99	212.96	1,859.18	1,081.88	1,055.84	26.04	41.548	
5,500.00	5,425.71	5,310.48	5,241.09	14.75	13.95	-25.34	217.48	1,875.49	1,083.23	1,056.62	26.61	40.712	
5,600.00	5,524.21	5,410.25	5,339.40	15.05	14.24	-25.70	222.01	1,891.81	1,084.62	1,057.44	27.18	39.906	
5,700.00	5,622.71	5,510.01	5,437.72	15.36	14.53	-26.05	226.53	1,908.12	1,086.06	1,058.30	27.76	39.129	
5,800.00	5,721.21	5,609.78	5,536.04	15.67	14.83	-26.40	231.06	1,924.44	1,087.54	1,059.20	28.34	38.379	
5,900.00	5,819.71	5,709.54	5,634.36	15.97	15.13	-26.75	235.58	1,940.75	1,089.06	1,060.14	28.92	37.657	
6,000.00	5,918.21	5,809.31	5,732.67	16.28	15.43	-27.10	240.11	1,957.06	1,090.62	1,061.11	29.51	36.960	
6,100.00	6,016.71	5,909.07	5,830.99	16.59	15.73	-27.45	244.63	1,973.38	1,092.22	1,062.12	30.10	36.287	
6,200.00	6,115.21	6,008.83	5,929.31	16.91	16.03	-27.80	249.16	1,989.69	1,093.86	1,063.16	30.69	35.638	
6,300.00	6,213.70	6,129.06	6,049.23	17.22	16.34	-28.15	253.69	1,999.99	1,095.48	1,064.24	31.28	35.000	
6,400.00	6,312.20	6,208.84	6,129.06	17.53	16.65	-28.50	258.22	2,010.29	1,097.10	1,065.32	31.87	34.362	
6,500.00	6,410.70	6,308.63	6,228.84	17.85	16.96	-28.85	262.75	2,020.59	1,098.72	1,066.40	32.46	33.724	
6,600.00	6,509.20	6,408.42	6,328.63	18.17	17.27	-29.20	267.28	2,030.89	1,100.34	1,067.48	33.05	33.086	
6,700.00	6,607.69	6,508.16	6,428.84	18.48	17.58	-29.55	271.81	2,041.19	1,101.96	1,068.56	33.64	32.448	
6,800.00	6,706.19	6,607.69	6,528.84	18.79	17.89	-30.00	276.34	2,051.49	1,103.58	1,069.64	34.23	31.810	
6,900.00	6,804.69	6,707.19	6,628.84	19.35	18.09	-30.35	280.87	2,061.79	1,105.20	1,070.72	34.82	31.172	
7,000.00	6,899.12	6,801.65	6,708.84	19.94	18.03	-30.70	285.40	2,072.09	1,106.82	1,071.80	35.41	30.534	
7,100.00	6,953.32	6,849.47	6,768.12	20.64	18.04	-31.11	300.28	2,124.98	1,107.06	1,072.88	36.00	29.896	
7,200.00	7,016.16	6,969.87	6,888.65	21.44	19.54	-108.50	300.96	1,322.54	483.81	444.07	39.74	12.175	
7,300.00	7,066.07	6,981.81	6,914.45	22.34	19.07	-104.67	301.70	1,410.56	470.34	429.51	40.83	11.519	
7,400.00	7,101.84	7,011.34	6,948.17	23.34	18.63	-100.15	302.33	1,520.85	462.33	420.44	41.89	11.036	
7,500.00	7,122.58	7,044.68	6,972.22	24.40	18.32	-95.42	302.12	1,625.30	456.20	413.16	43.04	10.600	
7,600.00	7,127.94	7,065.54	6,992.39	25.51	18.14	-90.70	301.21	1,718.01	452.37	408.23	44.14	10.248	
7,660.35	7,127.67	7,060.64	6,997.04	26.20	18.08	-87.51	300.42	1,766.68	451.53	406.77	44.76	10.088 CC, ES	
7,700.00	7,127.49	7,077.24	6,989.60	26.66	18.05	-85.31	299.84	1,795.15	451.99	406.89	45.10	10.021 SF	
7,800.00	7,127.05	7,022.26	6,954.18	27.87	18.03	-79.75	298.27	1,855.49	458.48	412.78	45.70	10.032	
7,900.00	7,126.60	7,139.43	7,002.71	29.13	18.03	-74.56	296.69	1,901.73	474.84	429.06	45.78	10.372	
8,000.00	7,126.16	7,086.99	6,963.92	30.43	18.04	-69.99	295.20	1,936.97	502.60	457.24	45.36	11.081	
8,100.00	7,125.71	7,043.11	6,929.33	31.76	18.05	-66.10	293.83	1,963.92	541.78	497.20	44.58	12.153	
8,200.00	7,125.26	7,000.00	6,893.62	33.12	18.06	-62.29	292.40	1,988.01	591.39	547.79	43.61	13.562	
8,300.00	7,124.82	6,974.88	6,872.09	34.52	18.06	-60.09	291.53	2,000.92	649.72	607.02	42.70	15.216	
8,400.00	7,124.37	6,950.00	6,850.28	35.93	18.06	-57.96	290.63	2,012.85	715.33	673.48	41.85	17.092	
8,500.00	7,123.92	6,925.07	6,827.97	37.37	18.06	-55.86	289.71	2,023.94	786.72	745.63	41.09	19.147	
8,600.00	7,123.48	6,900.00	6,805.12	38.82	18.06	-53.81	288.76	2,034.21	862.76	822.34	40.43	21.342	
8,700.00	7,123.03	6,887.54	6,793.62	40.30	18.06	-52.81	288.27	2,038.97	942.43	902.49	39.94	23.597	
8,800.00	7,122.59	6,872.11	6,779.24	41.79	18.06	-51.59	287.67	2,044.56	1,025.09	985.57	39.51	25.942	
8,900.00	7,122.14	6,850.00	6,758.43	43.29	18.05	-49.90	286.79	2,051.95	1,110.21	1,071.10	39.12	28.380	
9,000.00	7,121.69	6,850.00	6,758.43	44.80	18.05	-49.90	286.79	2,051.95	1,197.15	1,158.23	38.91	30.763	
9,100.00	7,121.25	6,835.27	6,744.43	46.33	18.05	-48.80	286.19	2,056.48	1,285.74	1,247.07	38.67	33.252	
9,200.00	7,120.80	6,825.40	6,734.99	47.86	18.04	-48.07	285.79	2,059.33	1,375.68	1,337.19	38.49	35.745	
9,300.00	7,120.35	6,816.47	6,726.40	49.40	18.04	-47.43	285.42	2,061.78	1,466.74	1,428.40	38.34	38.253	
9,400.00	7,119.91	6,800.00	6,710.50	50.96	18.03	-46.27	284.74	2,065.98	1,558.82	1,520.63	38.19	40.819	
9,500.00	7,119.46	6,800.00	6,710.50	52.52	18.03	-46.27	284.74	2,065.98	1,651.56	1,613.42	38.14	43.304	
9,600.00	7,119.02	6,800.00	6,710.50	54.08	18.03	-46.27	284.74	2,065.98	1,745.11	1,707.00	38.11	45.797	
9,700.00	7,118.57	6,800.00	6,710.50	55.65	18.03	-46.27	284.74	2,065.98	1,839.33	1,801.25	38.09	48.295	
9,800.00	7,118.12	6,782.08	6,693.07	57.23	18.02	-45.04	283.98	2,070.08	1,933.81	1,895.81	38.00	50.896	
9,900.00	7,117.68	6,776.74	6,687.85	58.81	18.02	-44.68	283.76	2,071.21	2,028.89	1,990.91	37.98	53.426	
10,000.00	7,117.23	6,771.78	6,683.00	60.40	18.01	-44.35	283.55	2,072.22	2,124.37	2,086.40	37.97	55.952	
10,100.00	7,116.78	6,750.00	6,661.61	61.99	18.00	-42.94	282.61	2,076.20	2,220.50	2,182.60	37.90	58.591	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,116.34	6,750.00	6,661.61	63.59	18.00	-42.94	282.61	2,076.20	2,316.52	2,278.60	37.93	61.074	
10,300.00	7,115.89	6,750.00	6,661.61	65.19	18.00	-42.94	282.61	2,076.20	2,412.87	2,374.90	37.97	63.552	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.15	-2.53	959.68	959.68				
100.00	100.00	101.00	99.00	3.28	3.28	90.15	-2.53	959.68	959.68	952.15	7.53	127.465	
200.00	200.00	201.00	199.00	3.31	3.31	90.15	-2.53	959.68	959.68	952.11	7.57	126.703	
300.00	299.99	288.26	288.26	3.35	3.34	-7.45	-2.67	959.89	958.85	951.19	7.65	125.294	
400.00	399.88	366.34	366.31	3.41	3.38	-7.41	-3.82	961.65	956.61	948.86	7.75	123.383	
500.00	499.55	444.42	444.27	3.50	3.44	-7.33	-6.14	965.20	953.20	945.31	7.89	120.882	
600.00	598.89	522.48	522.07	3.61	3.51	-7.21	-9.62	970.51	948.62	940.57	8.05	117.829	
700.00	697.76	600.00	599.13	3.76	3.60	-7.03	-14.22	977.55	942.89	934.64	8.25	114.295	
800.00	796.26	678.58	676.98	3.95	3.71	-6.78	-20.05	986.45	937.20	928.72	8.49	110.453	
900.00	894.76	756.66	754.03	4.17	3.84	-6.46	-27.00	997.07	933.81	925.06	8.75	106.719	
1,000.00	993.26	839.16	835.03	4.40	4.01	-6.05	-35.55	1,010.13	932.73	923.67	9.06	102.963	
1,100.00	1,091.76	938.80	932.71	4.66	4.24	-5.53	-46.30	1,026.57	932.46	923.00	9.45	98.638	
1,200.00	1,190.26	1,038.43	1,030.39	4.94	4.51	-5.01	-57.06	1,043.01	932.26	922.38	9.88	94.362	
1,300.00	1,288.76	1,138.07	1,128.07	5.23	4.80	-4.49	-67.81	1,059.44	932.14	921.81	10.33	90.207	
1,400.00	1,387.26	1,237.70	1,225.75	5.53	5.10	-3.96	-78.56	1,075.88	932.10	921.29	10.81	86.223	
1,400.56	1,387.80	1,238.25	1,226.29	5.53	5.10	-3.96	-78.62	1,075.97	932.10	921.29	10.81	86.202	
1,500.00	1,485.76	1,337.34	1,323.43	5.84	5.42	-3.44	-89.32	1,092.31	932.14	920.83	11.31	82.433	
1,600.00	1,584.26	1,436.97	1,421.11	6.16	5.76	-2.92	-100.07	1,108.75	932.26	920.44	11.82	78.884	
1,700.00	1,682.75	1,536.61	1,518.79	6.49	6.11	-2.39	-110.83	1,125.19	932.45	920.11	12.35	75.533	
1,800.00	1,781.25	1,636.24	1,616.47	6.83	6.46	-1.87	-121.58	1,141.62	932.73	919.84	12.88	72.397	
1,900.00	1,879.75	1,735.88	1,714.15	7.01	6.82	-1.35	-132.34	1,158.06	933.08	919.99	13.09	71.273	
2,000.00	1,978.25	1,835.51	1,811.83	7.05	7.13	-0.83	-143.09	1,174.50	933.51	920.34	13.17	70.876	
2,100.00	2,076.75	1,935.15	1,909.51	7.11	7.28	-0.31	-153.85	1,190.93	934.01	920.71	13.30	70.223	
2,200.00	2,175.25	2,034.78	2,007.19	7.18	7.33	0.21	-164.60	1,207.37	934.60	921.23	13.37	69.921	
2,300.00	2,273.75	2,134.41	2,104.87	7.27	7.40	0.73	-175.36	1,223.81	935.26	921.80	13.46	69.461	
2,400.00	2,372.25	2,234.05	2,202.54	7.37	7.49	1.25	-186.11	1,240.24	936.00	922.41	13.59	68.855	
2,500.00	2,470.75	2,333.68	2,300.22	7.49	7.60	1.77	-196.87	1,256.68	936.82	923.07	13.75	68.116	
2,600.00	2,569.25	2,433.32	2,397.90	7.62	7.72	2.29	-207.62	1,273.12	937.71	923.77	13.94	67.259	
2,700.00	2,667.74	2,532.95	2,495.58	7.76	7.85	2.80	-218.38	1,289.55	938.68	924.53	14.16	66.301	
2,800.00	2,766.24	2,632.59	2,593.26	7.92	8.00	3.32	-229.13	1,305.99	939.73	925.33	14.40	65.257	
2,900.00	2,864.74	2,732.22	2,690.94	8.08	8.16	3.83	-239.89	1,322.43	940.85	926.19	14.67	64.144	
3,000.00	2,963.24	2,831.86	2,788.62	8.26	8.34	4.35	-250.64	1,338.86	942.05	927.10	14.96	62.977	
3,100.00	3,061.74	2,931.49	2,886.30	8.45	8.53	4.86	-261.40	1,355.30	943.33	928.06	15.27	61.771	
3,200.00	3,160.24	3,031.13	2,983.98	8.65	8.73	5.37	-272.15	1,371.74	944.68	929.08	15.60	60.538	
3,300.00	3,258.74	3,130.76	3,081.66	8.85	8.94	5.87	-282.91	1,388.17	946.11	930.15	15.96	59.290	
3,400.00	3,357.24	3,230.40	3,179.34	9.07	9.16	6.38	-293.66	1,404.61	947.61	931.28	16.33	58.037	
3,500.00	3,455.74	3,330.03	3,277.02	9.29	9.39	6.89	-304.42	1,421.04	949.18	932.47	16.71	56.787	
3,600.00	3,554.23	3,429.67	3,374.70	9.52	9.62	7.39	-315.17	1,437.48	950.83	933.72	17.12	55.549	
3,700.00	3,652.73	3,529.30	3,472.38	9.76	9.87	7.89	-325.93	1,453.92	952.56	935.02	17.53	54.327	
3,800.00	3,751.23	3,628.94	3,570.06	10.00	10.12	8.39	-336.68	1,470.35	954.35	936.39	17.96	53.128	
3,900.00	3,849.73	3,728.57	3,667.74	10.25	10.38	8.89	-347.44	1,486.79	956.22	937.82	18.41	51.954	
4,000.00	3,948.23	3,828.21	3,765.42	10.50	10.65	9.39	-358.19	1,503.23	958.16	939.30	18.86	50.808	
4,100.00	4,046.73	3,927.84	3,863.10	10.76	10.92	9.88	-368.95	1,519.66	960.18	940.85	19.32	49.693	
4,200.00	4,145.23	4,027.48	3,960.78	11.02	11.20	10.37	-379.70	1,536.10	962.26	942.47	19.80	48.609	
4,300.00	4,243.73	4,127.11	4,058.45	11.29	11.48	10.86	-390.45	1,552.54	964.42	944.14	20.28	47.559	
4,400.00	4,342.23	4,226.75	4,156.13	11.56	11.77	11.35	-401.21	1,568.97	966.64	945.88	20.77	46.543	
4,500.00	4,440.72	4,326.38	4,253.81	11.84	12.06	11.83	-411.96	1,585.41	968.94	947.67	21.27	45.559	
4,600.00	4,539.22	4,426.02	4,351.49	12.12	12.35	12.32	-422.72	1,601.85	971.31	949.53	21.77	44.610	
4,700.00	4,637.72	4,525.65	4,449.17	12.40	12.65	12.80	-433.47	1,618.28	973.74	951.46	22.29	43.693	
4,800.00	4,736.22	4,625.29	4,546.85	12.69	12.95	13.28	-444.23	1,634.72	976.25	953.44	22.80	42.809	
4,900.00	4,834.72	4,724.92	4,644.53	12.97	13.26	13.75	-454.98	1,651.16	978.82	955.49	23.33	41.956	
5,000.00	4,933.22	4,824.56	4,742.21	13.26	13.57	14.23	-465.74	1,667.59	981.46	957.60	23.86	41.134	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.72	4,924.19	4,839.89	13.56	13.88	14.70	-476.49	1,684.03	984.17	959.77	24.40	40.343	
5,200.00	5,130.22	5,023.83	4,937.57	13.85	14.19	15.16	-487.25	1,700.47	986.94	962.00	24.94	39.580	
5,300.00	5,228.72	5,123.46	5,035.25	14.15	14.51	15.63	-498.00	1,716.90	989.78	964.30	25.48	38.845	
5,400.00	5,327.21	5,223.09	5,132.93	14.45	14.83	16.09	-508.76	1,733.34	992.68	966.65	26.03	38.138	
5,500.00	5,425.71	5,322.73	5,230.61	14.75	15.15	16.55	-519.51	1,749.77	995.65	969.07	26.58	37.456	
5,600.00	5,524.21	5,422.36	5,328.29	15.05	15.47	17.01	-530.27	1,766.21	998.69	971.55	27.14	36.799	
5,700.00	5,622.71	5,522.00	5,425.97	15.36	15.80	17.46	-541.02	1,782.65	1,001.78	974.08	27.70	36.167	
5,800.00	5,721.21	5,621.63	5,523.65	15.67	16.12	17.92	-551.78	1,799.08	1,004.94	976.68	28.26	35.557	
5,900.00	5,819.71	5,721.27	5,621.33	15.97	16.45	18.37	-562.53	1,815.52	1,008.17	979.34	28.83	34.970	
6,000.00	5,918.21	5,820.90	5,719.01	16.28	16.78	18.81	-573.29	1,831.96	1,011.45	982.05	29.40	34.403	
6,100.00	6,016.71	5,920.54	5,816.69	16.59	17.11	19.25	-584.04	1,848.39	1,014.80	984.82	29.97	33.857	
6,200.00	6,115.21	6,020.17	5,914.36	16.91	17.44	19.69	-594.80	1,864.83	1,018.20	987.65	30.55	33.330	
6,300.00	6,213.70	6,119.81	6,012.04	17.22	17.78	20.13	-605.55	1,881.27	1,021.67	990.54	31.13	32.822	
6,400.00	6,312.20	6,219.44	6,109.72	17.53	18.11	20.57	-616.31	1,897.70	1,025.19	993.49	31.71	32.332	
6,500.00	6,410.70	6,319.08	6,207.40	17.85	18.45	21.00	-627.06	1,914.14	1,028.78	996.49	32.29	31.859	
6,600.00	6,509.20	6,419.90	6,300.42	18.17	21.53	97.33	-755.30	1,026.42	1,003.36	970.31	33.05	30.356	
6,700.00	6,607.69	8,100.37	7,301.07	18.48	21.39	96.78	-755.23	1,046.67	926.42	892.58	33.84	27.377	
6,800.00	6,704.15	8,070.71	7,301.98	18.86	21.20	106.46	-755.12	1,075.59	855.44	820.71	34.73	24.629	
6,900.00	6,795.38	8,027.18	7,303.36	19.35	20.93	111.09	-754.95	1,119.09	793.45	757.74	35.71	22.220	
7,000.00	6,879.12	7,970.12	7,305.18	19.94	20.63	112.94	-754.73	1,176.12	741.94	705.17	36.77	20.180	
7,100.00	6,953.32	7,900.93	7,307.37	20.64	20.34	113.00	-754.47	1,245.27	701.49	663.62	37.87	18.525	
7,200.00	7,016.16	7,821.33	7,309.90	21.44	20.13	111.95	-754.16	1,324.84	671.73	632.72	39.02	17.216	
7,300.00	7,066.07	7,654.94	7,294.47	22.34	19.97	106.26	-751.23	1,490.01	646.29	606.67	39.62	16.314	
7,400.00	7,101.84	7,521.49	7,251.68	23.34	19.99	100.95	-745.53	1,616.03	621.62	580.69	40.93	15.187	
7,500.00	7,122.58	7,411.62	7,197.47	24.40	20.04	96.04	-738.79	1,711.20	600.86	558.29	42.57	14.115	
7,600.00	7,127.94	7,316.97	7,138.31	25.51	20.09	91.15	-731.67	1,784.62	585.62	541.37	44.25	13.233	
7,700.00	7,127.49	7,239.91	7,082.58	26.66	20.13	85.64	-725.07	1,837.36	577.01	531.10	45.90	12.571	
7,741.69	7,127.31	7,213.13	7,061.78	27.17	20.14	83.57	-722.63	1,854.04	576.09	529.54	46.54	12.377	CC, ES
7,800.00	7,127.05	7,180.03	7,035.13	27.87	20.15	80.91	-719.52	1,873.42	578.01	530.67	47.34	12.209	
7,900.00	7,126.60	7,132.94	6,995.58	29.13	20.16	76.99	-714.93	1,898.54	590.91	542.51	48.41	12.207	SF
8,000.00	7,126.16	7,095.32	6,962.71	30.43	20.17	73.78	-711.14	1,916.45	616.41	567.40	49.02	12.576	
8,100.00	7,125.71	7,064.77	6,935.29	31.76	20.16	71.14	-707.99	1,929.53	653.95	604.75	49.20	13.291	
8,200.00	7,125.26	7,039.57	6,912.22	33.12	20.16	68.96	-705.35	1,939.32	702.18	653.11	49.07	14.311	
8,300.00	7,124.82	7,018.50	6,892.65	34.52	20.15	67.15	-703.12	1,946.79	759.42	710.70	48.72	15.587	
8,400.00	7,124.37	7,000.00	6,875.27	35.93	20.15	65.57	-701.14	1,952.81	824.04	775.78	48.26	17.075	
8,500.00	7,123.92	6,985.37	6,861.40	37.37	20.14	64.32	-699.56	1,957.21	894.60	846.83	47.77	18.726	
8,600.00	7,123.48	6,972.14	6,848.79	38.82	20.13	63.21	-698.13	1,960.91	969.92	922.64	47.28	20.513	
8,700.00	7,123.03	6,950.00	6,827.50	40.30	20.12	61.36	-695.72	1,966.51	1,049.17	1,002.46	46.72	22.458	
8,800.00	7,122.59	6,950.00	6,827.50	41.79	20.12	61.36	-695.72	1,966.51	1,131.24	1,084.85	46.39	24.385	
8,900.00	7,122.14	6,950.00	6,827.50	43.29	20.12	61.36	-695.72	1,966.51	1,215.99	1,169.90	46.08	26.386	
9,000.00	7,121.69	6,933.39	6,811.41	44.80	20.10	60.00	-693.90	1,970.22	1,302.60	1,256.93	45.67	28.524	
9,100.00	7,121.25	6,926.18	6,804.40	46.33	20.10	59.41	-693.11	1,971.70	1,390.96	1,345.60	45.36	30.663	
9,200.00	7,120.80	6,919.67	6,798.06	47.86	20.09	58.89	-692.39	1,972.96	1,480.71	1,435.62	45.10	32.835	
9,300.00	7,120.35	6,900.00	6,778.81	49.40	20.07	57.32	-690.22	1,976.39	1,571.82	1,527.07	44.76	35.119	
9,400.00	7,119.91	6,900.00	6,778.81	50.96	20.07	57.32	-690.22	1,976.39	1,663.59	1,618.99	44.60	37.304	
9,500.00	7,119.46	6,900.00	6,778.81	52.52	20.07	57.32	-690.22	1,976.39	1,756.25	1,711.80	44.45	39.508	
9,600.00	7,119.02	6,900.00	6,778.81	54.08	20.07	57.32	-690.22	1,976.39	1,849.68	1,805.35	44.33	41.726	
9,700.00	7,118.57	6,900.00	6,778.81	55.65	20.07	57.32	-690.22	1,976.39	1,943.77	1,899.55	44.22	43.955	
9,800.00	7,118.12	6,900.00	6,778.81	57.23	20.07	57.32	-690.22	1,976.39	2,038.41	1,994.28	44.13	46.192	
9,900.00	7,117.68	6,900.00	6,778.81	58.81	20.07	57.32	-690.22	1,976.39	2,133.55	2,089.50	44.05	48.434	
10,000.00	7,117.23	6,900.00	6,778.81	60.40	20.07	57.32	-690.22	1,976.39	2,229.11	2,185.13	43.98	50.680	
10,100.00	7,116.78	6,881.07	6,760.20	61.99	20.05	55.84	-688.13	1,979.13	2,324.69	2,280.88	43.81	53.060	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft	
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,116.34	6,878.20	6,757.37	63.59	20.05	55.62	-687.81	1,979.49	2,420.85	2,377.09	43.75	55.329		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.15	-2.53	979.72	979.73				
100.00	100.00	101.00	99.00	3.28	3.28	90.15	-2.53	979.72	979.73	972.20	7.53	130.128	
200.00	200.00	199.00	199.00	3.31	3.30	90.15	-2.53	979.72	979.73	972.15	7.57	129.361	
300.00	299.99	275.58	275.57	3.35	3.33	-7.43	-2.96	980.63	979.80	972.16	7.64	128.174	
400.00	399.88	351.91	351.84	3.41	3.38	-7.39	-4.25	983.37	978.90	971.16	7.74	126.456	
500.00	499.55	428.25	428.00	3.50	3.43	-7.31	-6.40	987.95	976.96	969.09	7.87	124.164	
600.00	598.89	504.57	504.00	3.61	3.50	-7.21	-9.42	994.36	973.97	965.94	8.03	121.321	
700.00	697.76	580.90	579.78	3.76	3.59	-7.08	-13.30	1,002.60	969.95	961.73	8.22	117.959	
800.00	796.26	657.26	655.32	3.95	3.70	-6.90	-18.03	1,012.67	966.09	957.64	8.45	114.326	
900.00	894.76	733.63	730.55	4.17	3.83	-6.67	-23.63	1,024.56	964.63	955.93	8.71	110.789	
977.43	971.04	808.98	804.57	4.35	3.99	-6.42	-29.64	1,037.33	964.62	955.64	8.97	107.492	
1,000.00	993.26	831.51	826.70	4.40	4.04	-6.34	-31.43	1,041.15	964.62	955.56	9.06	106.502	
1,100.00	1,091.76	931.35	924.77	4.66	4.27	-6.00	-39.40	1,058.08	964.64	955.19	9.45	102.103	
1,200.00	1,190.26	1,031.19	1,022.84	4.94	4.54	-5.67	-47.36	1,075.01	964.70	954.83	9.87	97.754	
1,300.00	1,288.76	1,131.03	1,120.91	5.23	4.82	-5.33	-55.33	1,091.94	964.79	954.48	10.32	93.526	
1,400.00	1,387.26	1,230.86	1,218.98	5.53	5.12	-4.99	-63.29	1,108.86	964.92	954.13	10.79	89.464	
1,500.00	1,485.76	1,330.70	1,317.04	5.84	5.43	-4.65	-71.26	1,125.79	965.08	953.80	11.27	85.610	
1,600.00	1,584.26	1,430.54	1,415.11	6.16	5.76	-4.31	-79.22	1,142.72	965.27	953.49	11.78	81.961	
1,700.00	1,682.75	1,530.37	1,513.18	6.49	6.10	-3.98	-87.19	1,159.65	965.50	953.20	12.30	78.522	
1,800.00	1,781.25	1,630.21	1,611.25	6.83	6.44	-3.64	-95.15	1,176.57	965.76	952.93	12.83	75.296	
1,900.00	1,879.75	1,730.05	1,709.32	7.01	6.80	-3.30	-103.12	1,193.50	966.05	953.02	13.03	74.161	
2,000.00	1,978.25	1,829.89	1,807.39	7.05	7.11	-2.96	-111.08	1,210.43	966.38	953.27	13.11	73.728	
2,100.00	2,076.75	1,929.72	1,905.46	7.11	7.26	-2.63	-119.05	1,227.36	966.74	953.49	13.24	73.003	
2,200.00	2,175.25	2,029.56	2,003.53	7.18	7.31	-2.29	-127.01	1,244.28	967.13	953.82	13.31	72.669	
2,300.00	2,273.75	2,129.40	2,101.60	7.27	7.37	-1.96	-134.98	1,261.21	967.56	954.15	13.41	72.171	
2,400.00	2,372.25	2,229.24	2,199.67	7.37	7.46	-1.62	-142.94	1,278.14	968.02	954.48	13.53	71.520	
2,500.00	2,470.75	2,329.07	2,297.73	7.49	7.55	-1.28	-150.90	1,295.07	968.51	954.82	13.69	70.729	
2,600.00	2,569.25	2,428.91	2,395.80	7.62	7.67	-0.95	-158.87	1,311.99	969.04	955.16	13.88	69.814	
2,700.00	2,667.74	2,528.75	2,493.87	7.76	7.80	-0.61	-166.83	1,328.92	969.60	955.51	14.09	68.791	
2,800.00	2,766.24	2,628.59	2,591.94	7.92	7.94	-0.28	-174.80	1,345.85	970.20	955.86	14.34	67.678	
2,900.00	2,864.74	2,728.42	2,690.01	8.08	8.10	0.05	-182.76	1,362.78	970.82	956.22	14.60	66.492	
3,000.00	2,963.24	2,828.26	2,788.08	8.26	8.26	0.39	-190.73	1,379.70	971.48	956.59	14.89	65.247	
3,100.00	3,061.74	2,928.10	2,886.15	8.45	8.44	0.72	-198.69	1,396.63	972.18	956.98	15.20	63.961	
3,200.00	3,160.24	3,027.94	2,984.22	8.65	8.64	1.05	-206.66	1,413.56	972.90	957.37	15.53	62.645	
3,300.00	3,258.74	3,127.77	3,082.29	8.85	8.84	1.39	-214.62	1,430.49	973.66	957.78	15.88	61.312	
3,400.00	3,357.24	3,227.61	3,180.36	9.07	9.05	1.72	-222.59	1,447.41	974.45	958.20	16.25	59.974	
3,500.00	3,455.74	3,327.45	3,278.42	9.29	9.27	2.05	-230.55	1,464.34	975.28	958.64	16.63	58.638	
3,600.00	3,554.23	3,427.28	3,376.49	9.52	9.50	2.38	-238.52	1,481.27	976.13	959.10	17.03	57.313	
3,700.00	3,652.73	3,527.12	3,474.56	9.76	9.73	2.71	-246.48	1,498.20	977.02	959.58	17.45	56.005	
3,800.00	3,751.23	3,626.96	3,572.63	10.00	9.98	3.04	-254.45	1,515.12	977.95	960.07	17.87	54.719	
3,900.00	3,849.73	3,726.80	3,670.70	10.25	10.23	3.37	-262.41	1,532.05	978.90	960.59	18.31	53.460	
4,000.00	3,948.23	3,826.63	3,768.77	10.50	10.48	3.69	-270.37	1,548.98	979.89	961.12	18.76	52.229	
4,100.00	4,046.73	3,926.47	3,866.84	10.76	10.75	4.02	-278.34	1,565.91	980.90	961.68	19.22	51.031	
4,200.00	4,145.23	4,026.31	3,964.91	11.02	11.01	4.35	-286.30	1,582.83	981.95	962.26	19.69	49.865	
4,300.00	4,243.73	4,126.15	4,062.98	11.29	11.29	4.67	-294.27	1,599.76	983.04	962.87	20.17	48.735	
4,400.00	4,342.23	4,225.98	4,161.05	11.56	11.56	5.00	-302.23	1,616.69	984.15	963.49	20.66	47.638	
4,500.00	4,440.72	4,325.82	4,259.11	11.84	11.85	5.32	-310.20	1,633.62	985.30	964.14	21.15	46.578	
4,600.00	4,539.22	4,425.66	4,357.18	12.12	12.13	5.65	-318.16	1,650.54	986.48	964.82	21.66	45.552	
4,700.00	4,637.72	4,525.50	4,455.25	12.40	12.42	5.97	-326.13	1,667.47	987.68	965.52	22.17	44.560	
4,800.00	4,736.22	4,625.33	4,553.32	12.69	12.71	6.29	-334.09	1,684.40	988.93	966.25	22.68	43.603	
4,900.00	4,834.72	4,725.17	4,651.39	12.97	13.01	6.61	-342.06	1,701.33	990.20	967.00	23.20	42.679	
5,000.00	4,933.22	4,825.01	4,749.46	13.26	13.31	6.93	-350.02	1,718.25	991.50	967.77	23.73	41.788	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	4,924.85	4,847.53	13.56	13.61	7.25	-357.99	1,735.18	992.83	968.58	24.26	40.928		
5,200.00	5,130.22	5,024.68	4,945.60	13.85	13.92	7.57	-365.95	1,752.11	994.20	969.41	24.79	40.099		
5,300.00	5,228.72	5,124.52	5,043.67	14.15	14.22	7.89	-373.92	1,769.04	995.59	970.26	25.33	39.299		
5,400.00	5,327.21	5,224.36	5,141.73	14.45	14.53	8.21	-381.88	1,785.96	997.02	971.14	25.88	38.528		
5,500.00	5,425.71	5,324.19	5,239.80	14.75	14.84	8.52	-389.84	1,802.89	998.48	972.05	26.43	37.785		
5,600.00	5,524.21	5,424.03	5,337.87	15.05	15.16	8.84	-397.81	1,819.82	999.97	972.99	26.98	37.067		
5,700.00	5,622.71	5,523.87	5,435.94	15.36	15.47	9.15	-405.77	1,836.75	1,001.48	973.95	27.53	36.376		
5,800.00	5,721.21	5,623.71	5,534.01	15.67	15.79	9.47	-413.74	1,853.67	1,003.03	974.94	28.09	35.708		
5,900.00	5,819.71	5,723.54	5,632.08	15.97	16.11	9.78	-421.70	1,870.60	1,004.61	975.96	28.65	35.064		
6,000.00	5,918.21	5,823.38	5,730.15	16.28	16.43	10.09	-429.67	1,887.53	1,006.22	977.00	29.21	34.443		
6,100.00	6,016.71	5,923.22	5,828.22	16.59	16.75	10.40	-437.63	1,904.46	1,007.85	978.07	29.78	33.843		
6,200.00	6,115.21	6,023.06	5,926.29	16.91	17.08	10.71	-445.60	1,921.38	1,009.52	979.17	30.35	33.263		
6,300.00	6,213.70	7,984.41	7,107.04	17.22	21.52	106.33	-548.71	976.08	986.41	955.97	30.44	32.408		
6,400.00	6,312.20	7,964.73	7,107.55	17.53	21.36	103.96	-548.63	995.76	897.37	866.44	30.93	29.011		
6,500.00	6,410.70	7,945.05	7,108.07	17.85	21.20	101.50	-548.55	1,015.43	810.42	778.88	31.54	25.697		
6,600.00	6,509.20	7,925.36	7,108.59	18.17	21.04	98.97	-548.47	1,035.11	726.30	694.01	32.29	22.491		
6,700.00	6,607.69	7,905.64	7,109.11	18.48	20.88	97.66	-548.38	1,054.83	646.12	612.87	33.25	19.432		
6,800.00	6,704.15	7,877.23	7,109.85	18.86	20.68	106.69	-548.27	1,083.22	573.19	538.76	34.43	16.648		
6,900.00	6,795.38	7,834.19	7,110.99	19.35	20.38	109.67	-548.09	1,126.25	511.49	475.68	35.81	14.285		
7,000.00	6,879.12	7,777.58	7,112.47	19.94	20.03	109.08	-547.86	1,182.84	463.38	426.07	37.31	12.419		
7,100.00	6,953.32	7,708.79	7,114.28	20.64	19.66	106.07	-547.57	1,251.60	429.74	390.95	38.80	11.076		
7,200.00	7,016.16	7,629.52	7,116.36	21.44	19.34	101.63	-547.25	1,330.85	409.37	369.24	40.13	10.200		
7,300.00	7,066.07	7,532.12	7,114.73	22.34	19.08	95.74	-546.50	1,428.17	398.45	357.29	41.16	9.680		
7,400.00	7,101.84	7,437.32	7,099.41	23.34	18.93	89.37	-544.65	1,521.61	393.20	351.00	42.19	9.319		
7,444.19	7,112.90	7,397.71	7,088.94	23.81	18.89	86.57	-543.55	1,559.79	392.66	350.03	42.64	9.210 CC, ES		
7,500.00	7,122.58	7,349.36	7,072.98	24.40	18.86	83.06	-541.95	1,605.38	393.48	350.34	43.14	9.121		
7,600.00	7,127.94	7,266.72	7,037.88	25.51	18.85	77.03	-538.60	1,680.06	398.72	354.79	43.93	9.076 SF		
7,700.00	7,127.49	7,192.58	6,998.43	26.66	18.86	71.52	-534.96	1,742.67	410.71	366.24	44.46	9.237		
7,800.00	7,127.05	7,128.94	6,958.96	27.87	18.89	66.25	-531.39	1,792.44	432.59	388.00	44.59	9.701		
7,900.00	7,126.60	7,074.72	6,921.57	29.13	18.91	61.53	-528.07	1,831.54	465.52	421.19	44.33	10.501		
8,000.00	7,126.16	7,028.61	6,887.26	30.43	18.94	57.48	-525.06	1,862.18	509.22	465.41	43.80	11.625		
8,100.00	7,125.71	6,989.31	6,856.34	31.76	18.95	54.07	-522.36	1,886.27	562.51	519.35	43.16	13.033		
8,200.00	7,125.26	6,950.00	6,823.98	33.12	18.97	50.75	-519.56	1,908.41	623.92	581.47	42.44	14.701		
8,300.00	7,124.82	6,926.67	6,804.15	34.52	18.97	48.83	-517.85	1,920.58	691.79	649.87	41.92	16.504		
8,400.00	7,124.37	6,900.00	6,780.96	35.93	18.98	46.71	-515.86	1,933.59	764.96	723.58	41.39	18.483		
8,500.00	7,123.92	6,879.59	6,762.86	37.37	18.98	45.13	-514.31	1,942.88	842.33	801.36	40.97	20.560		
8,600.00	7,123.48	6,850.00	6,736.10	38.82	18.98	42.92	-512.03	1,955.31	923.19	882.67	40.51	22.788		
8,700.00	7,123.03	6,850.00	6,736.10	40.30	18.98	42.92	-512.03	1,955.31	1,006.55	966.17	40.37	24.931		
8,800.00	7,122.59	6,828.16	6,715.99	41.79	18.98	41.36	-510.32	1,963.68	1,092.13	1,052.06	40.07	27.253		
8,900.00	7,122.14	6,814.62	6,703.40	43.29	18.98	40.42	-509.26	1,968.51	1,179.59	1,139.71	39.88	29.580		
9,000.00	7,121.69	6,800.00	6,689.68	44.80	18.97	39.44	-508.10	1,973.43	1,268.54	1,228.84	39.70	31.950		
9,100.00	7,121.25	6,800.00	6,689.68	46.33	18.97	39.44	-508.10	1,973.43	1,358.82	1,319.17	39.65	34.269		
9,200.00	7,120.80	6,781.54	6,672.20	47.86	18.97	38.22	-506.62	1,979.19	1,450.00	1,410.51	39.49	36.717		
9,300.00	7,120.35	6,772.48	6,663.57	49.40	18.96	37.65	-505.89	1,981.83	1,542.16	1,502.74	39.41	39.130		
9,400.00	7,119.91	6,750.00	6,641.98	50.96	18.95	36.25	-504.08	1,987.84	1,635.30	1,596.03	39.27	41.645		
9,500.00	7,119.46	6,750.00	6,641.98	52.52	18.95	36.25	-504.08	1,987.84	1,728.71	1,689.45	39.27	44.022		
9,600.00	7,119.02	6,750.00	6,641.98	54.08	18.95	36.25	-504.08	1,987.84	1,822.83	1,783.55	39.28	46.409		
9,700.00	7,118.57	6,750.00	6,641.98	55.65	18.95	36.25	-504.08	1,987.84	1,917.54	1,878.25	39.29	48.804		
9,800.00	7,118.12	6,750.00	6,641.98	57.23	18.95	36.25	-504.08	1,987.84	2,012.77	1,973.46	39.31	51.202		
9,900.00	7,117.68	6,731.65	6,624.22	58.81	18.94	35.16	-502.59	1,992.18	2,108.10	2,068.85	39.24	53.717		
10,000.00	7,117.23	6,726.49	6,619.20	60.40	18.94	34.86	-502.17	1,993.31	2,203.93	2,164.68	39.25	56.148		
10,100.00	7,116.78	6,721.68	6,614.52	61.99	18.94	34.59	-501.78	1,994.33	2,300.08	2,260.81	39.27	58.575		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,116.34	6,700.00	6,593.31	63.59	18.92	33.38	-500.01	1,998.46	2,396.79	2,357.58	39.21	61.124	
10,300.00	7,115.89	6,700.00	6,593.31	65.19	18.92	33.38	-500.01	1,998.46	2,493.33	2,454.07	39.26	63.507	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.13	-2.17	939.63	939.63				
100.00	100.00	101.00	99.00	3.28	3.28	90.13	-2.17	939.63	939.63	932.11	7.53	124.803	
200.00	200.00	201.00	199.00	3.31	3.31	90.13	-2.17	939.63	939.63	932.06	7.57	124.057	
300.00	299.99	289.07	289.06	3.35	3.34	-7.47	-2.34	939.84	938.79	931.13	7.65	122.667	
400.00	399.88	368.79	368.75	3.41	3.39	-7.42	-3.73	941.54	936.42	928.67	7.75	120.759	
500.00	499.55	448.49	448.33	3.50	3.44	-7.31	-6.52	944.95	932.76	924.87	7.89	118.237	
600.00	598.89	528.14	527.70	3.61	3.52	-7.13	-10.71	950.07	927.82	919.76	8.06	115.144	
700.00	697.76	607.73	606.80	3.76	3.61	-6.90	-16.30	956.89	921.59	913.33	8.26	111.538	
800.00	796.26	687.27	685.57	3.95	3.72	-6.57	-23.26	965.41	915.31	906.81	8.50	107.649	
900.00	894.76	766.79	763.99	4.17	3.86	-6.16	-31.61	975.61	911.22	902.44	8.78	103.835	
1,000.00	993.26	846.17	841.88	4.40	4.02	-5.66	-41.31	987.46	909.41	900.33	9.08	100.138	
1,027.83	1,020.68	868.22	863.44	4.47	4.08	-5.50	-44.25	991.05	909.32	900.15	9.17	99.137	
1,100.00	1,091.76	936.91	930.47	4.66	4.25	-5.00	-53.73	1,002.63	909.57	900.11	9.46	96.176	
1,200.00	1,190.26	1,036.24	1,027.41	4.94	4.53	-4.28	-67.45	1,019.40	910.08	900.18	9.89	91.973	
1,300.00	1,288.76	1,135.57	1,124.35	5.23	4.83	-3.56	-81.17	1,036.17	910.73	900.37	10.36	87.892	
1,400.00	1,387.26	1,234.90	1,221.29	5.53	5.16	-2.84	-94.90	1,052.94	911.53	900.68	10.85	83.987	
1,500.00	1,485.76	1,334.23	1,318.23	5.84	5.50	-2.12	-108.62	1,069.70	912.47	901.11	11.37	80.284	
1,600.00	1,584.26	1,433.56	1,415.16	6.16	5.86	-1.41	-122.35	1,086.47	913.56	901.67	11.89	76.830	
1,700.00	1,682.75	1,532.89	1,512.10	6.49	6.23	-0.69	-136.07	1,103.24	914.80	902.36	12.43	73.580	
1,800.00	1,781.25	1,632.22	1,609.04	6.83	6.61	0.02	-149.79	1,120.01	916.17	903.19	12.99	70.553	
1,900.00	1,879.75	1,731.55	1,705.98	7.01	7.00	0.73	-163.52	1,136.78	917.70	904.49	13.21	69.481	
2,000.00	1,978.25	1,830.88	1,802.92	7.05	7.34	1.44	-177.24	1,153.55	919.36	906.05	13.31	69.097	
2,100.00	2,076.75	1,930.21	1,899.86	7.11	7.51	2.15	-190.96	1,170.31	921.16	907.72	13.44	68.515	
2,200.00	2,175.25	2,029.55	1,996.79	7.18	7.57	2.85	-204.69	1,187.08	923.11	909.60	13.51	68.337	
2,300.00	2,273.75	2,128.88	2,093.73	7.27	7.64	3.55	-218.41	1,203.85	925.20	911.59	13.60	68.006	
2,400.00	2,372.25	2,228.21	2,190.67	7.37	7.74	4.25	-232.13	1,220.62	927.42	913.69	13.73	67.532	
2,500.00	2,470.75	2,327.54	2,287.61	7.49	7.85	4.94	-245.86	1,237.39	929.79	915.90	13.89	66.926	
2,600.00	2,569.25	2,426.87	2,384.55	7.62	7.98	5.63	-259.58	1,254.16	932.29	918.21	14.08	66.204	
2,700.00	2,667.74	2,526.20	2,481.49	7.76	8.13	6.32	-273.31	1,270.92	934.93	920.63	14.30	65.380	
2,800.00	2,766.24	2,625.53	2,578.43	7.92	8.29	7.00	-287.03	1,287.69	937.70	923.16	14.54	64.471	
2,900.00	2,864.74	2,724.86	2,675.36	8.08	8.46	7.68	-300.75	1,304.46	940.61	925.79	14.81	63.490	
3,000.00	2,963.24	2,824.19	2,772.30	8.26	8.65	8.35	-314.48	1,321.23	943.64	928.54	15.11	62.455	
3,100.00	3,061.74	2,923.52	2,869.24	8.45	8.85	9.02	-328.20	1,338.00	946.81	931.39	15.43	61.378	
3,200.00	3,160.24	3,022.85	2,966.18	8.65	9.06	9.68	-341.92	1,354.77	950.11	934.35	15.76	60.272	
3,300.00	3,258.74	3,122.18	3,063.12	8.85	9.29	10.35	-355.65	1,371.53	953.54	937.42	16.12	59.148	
3,400.00	3,357.24	3,221.51	3,160.06	9.07	9.52	11.00	-369.37	1,388.30	957.10	940.60	16.50	58.017	
3,500.00	3,455.74	3,320.84	3,256.99	9.29	9.76	11.65	-383.10	1,405.07	960.78	943.89	16.89	56.886	
3,600.00	3,554.23	3,420.17	3,353.93	9.52	10.02	12.30	-396.82	1,421.84	964.58	947.29	17.30	55.763	
3,700.00	3,652.73	3,519.50	3,450.87	9.76	10.28	12.94	-410.54	1,438.61	968.51	950.79	17.72	54.654	
3,800.00	3,751.23	3,618.83	3,547.81	10.00	10.54	13.57	-424.27	1,455.38	972.56	954.40	18.16	53.563	
3,900.00	3,849.73	3,718.16	3,644.75	10.25	10.82	14.20	-437.99	1,472.14	976.73	958.13	18.61	52.495	
4,000.00	3,948.23	3,817.50	3,741.69	10.50	11.10	14.83	-451.71	1,488.91	981.02	961.95	19.07	51.452	
4,100.00	4,046.73	3,916.83	3,838.62	10.76	11.39	15.45	-465.44	1,505.68	985.42	965.89	19.54	50.436	
4,200.00	4,145.23	4,016.16	3,935.56	11.02	11.68	16.06	-479.16	1,522.45	989.94	969.92	20.02	49.449	
4,300.00	4,243.73	4,115.49	4,032.50	11.29	11.98	16.67	-492.88	1,539.22	994.58	974.07	20.51	48.492	
4,400.00	4,342.23	4,214.82	4,129.44	11.56	12.28	17.27	-506.61	1,555.98	999.32	978.31	21.01	47.565	
4,500.00	4,440.72	4,314.15	4,226.38	11.84	12.59	17.87	-520.33	1,572.75	1,004.18	982.66	21.52	46.669	
4,600.00	4,539.22	4,413.48	4,323.32	12.12	12.90	18.46	-534.06	1,589.52	1,009.14	987.11	22.03	45.803	
4,700.00	4,637.72	4,512.81	4,420.25	12.40	13.21	19.05	-547.78	1,606.29	1,014.21	991.66	22.55	44.968	
4,800.00	4,736.22	4,612.14	4,517.19	12.69	13.53	19.63	-561.50	1,623.06	1,019.39	996.31	23.08	44.163	
4,900.00	4,834.72	4,711.47	4,614.13	12.97	13.85	20.20	-575.23	1,639.83	1,024.67	1,001.06	23.62	43.387	
5,000.00	4,933.22	4,810.80	4,711.07	13.26	14.18	20.77	-588.95	1,656.59	1,030.06	1,005.90	24.16	42.639	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,031.72	4,910.13	4,808.01	13.56	14.51	21.33	-602.67	1,673.36	1,035.54	1,010.84	24.70	41.919		
5,200.00	5,130.22	5,009.46	4,904.95	13.85	14.84	21.88	-616.40	1,690.13	1,041.13	1,015.87	25.25	41.225		
5,300.00	5,228.72	5,108.79	5,001.88	14.15	15.17	22.43	-630.12	1,706.90	1,046.81	1,021.00	25.81	40.558		
5,400.00	5,327.21	5,208.12	5,098.82	14.45	15.51	22.98	-643.84	1,723.67	1,052.59	1,026.22	26.37	39.915		
5,500.00	5,425.71	5,307.45	5,195.76	14.75	15.84	23.52	-657.57	1,740.44	1,058.46	1,031.52	26.94	39.296		
5,600.00	5,524.21	5,406.78	5,292.70	15.05	16.18	24.05	-671.29	1,757.20	1,064.43	1,036.92	27.50	38.701		
5,700.00	5,622.71	5,506.11	5,389.64	15.36	16.52	24.58	-685.02	1,773.97	1,070.48	1,042.41	28.08	38.127		
5,800.00	5,721.21	5,605.45	5,486.58	15.67	16.87	25.10	-698.74	1,790.74	1,076.63	1,047.98	28.65	37.574		
5,900.00	5,819.71	5,704.78	5,583.51	15.97	17.21	25.61	-712.46	1,807.51	1,082.87	1,053.63	29.23	37.042		
6,000.00	5,918.21	5,804.11	5,680.45	16.28	17.56	26.12	-726.19	1,824.28	1,089.19	1,059.37	29.82	36.530		
6,100.00	6,016.71	5,903.44	5,777.39	16.59	17.91	26.62	-739.91	1,841.05	1,095.59	1,065.19	30.40	36.036		
6,200.00	6,115.21	6,002.77	5,874.33	16.91	18.26	27.12	-753.63	1,857.81	1,102.09	1,071.09	30.99	35.560		
6,300.00	6,213.70	6,102.10	5,971.27	17.22	18.61	27.61	-767.36	1,874.58	1,108.66	1,077.08	31.58	35.102		
6,400.00	6,312.20	6,201.43	6,068.21	17.53	18.96	28.10	-781.08	1,891.35	1,115.31	1,083.13	32.18	34.659		
6,500.00	6,410.70	6,300.02	7,181.05	17.85	21.74	93.51	-951.06	1,009.05	1,121.18	1,087.21	33.97	33.006		
6,600.00	6,509.20	8,009.34	7,181.80	18.17	21.60	92.11	-950.93	1,029.72	1,054.39	1,019.56	34.83	30.273		
6,700.00	6,607.69	7,988.62	7,182.56	18.48	21.46	91.67	-950.80	1,050.43	992.77	956.98	35.79	27.741		
6,800.00	6,704.15	7,959.24	7,183.63	18.86	21.30	98.85	-950.62	1,079.79	938.57	901.76	36.80	25.501		
6,900.00	6,795.38	7,915.28	7,185.24	19.35	21.07	101.78	-950.34	1,123.71	893.94	856.12	37.82	23.635		
7,000.00	6,879.12	7,857.83	7,187.34	19.94	20.85	102.45	-949.98	1,181.12	859.43	820.58	38.84	22.126		
7,100.00	6,953.32	7,788.31	7,189.88	20.64	20.67	101.69	-949.54	1,250.60	834.54	794.73	39.82	20.959		
7,200.00	7,016.16	7,690.33	7,192.22	21.44	20.59	99.37	-948.74	1,348.52	817.73	777.09	40.64	20.122		
7,300.00	7,066.07	7,556.60	7,175.00	22.34	20.62	95.08	-944.74	1,480.84	803.47	762.09	41.38	19.418		
7,400.00	7,101.84	7,445.00	7,139.94	23.34	20.69	91.17	-938.48	1,586.45	791.41	748.95	42.45	18.642		
7,500.00	7,122.58	7,348.14	7,095.11	24.40	20.76	87.50	-931.06	1,671.88	782.50	738.81	43.69	17.911		
7,600.00	7,127.94	7,261.41	7,044.48	25.51	20.82	83.91	-922.98	1,741.76	777.01	732.06	44.96	17.283		
7,664.85	7,127.65	7,212.11	7,011.65	26.26	20.85	81.47	-917.84	1,778.16	775.78	729.99	45.79	16.941 CC		
7,700.00	7,127.49	7,188.14	6,994.71	26.66	20.86	80.22	-915.22	1,794.90	776.19	729.96	46.23	16.790 ES		
7,800.00	7,127.05	7,129.12	6,950.41	27.87	20.89	76.93	-908.41	1,833.28	782.34	734.92	47.42	16.498		
7,900.00	7,126.60	7,081.32	6,912.08	29.13	20.90	74.11	-902.59	1,861.22	796.90	748.45	48.45	16.449 SF		
8,000.00	7,126.16	7,042.24	6,879.26	30.43	20.91	71.72	-897.64	1,881.85	820.47	771.22	49.25	16.659		
8,100.00	7,125.71	7,009.91	6,851.21	31.76	20.91	69.71	-893.43	1,897.34	853.05	803.23	49.82	17.124		
8,200.00	7,125.26	6,982.85	6,827.16	33.12	20.90	68.00	-889.84	1,909.19	894.12	843.97	50.16	17.826		
8,300.00	7,124.82	6,959.96	6,806.43	34.52	20.90	66.56	-886.76	1,918.41	942.93	892.62	50.31	18.743		
8,400.00	7,124.37	6,950.00	6,797.31	35.93	20.89	65.92	-885.40	1,922.18	998.65	948.24	50.40	19.814		
8,500.00	7,123.92	6,923.47	6,772.75	37.37	20.88	64.24	-881.77	1,931.52	1,060.09	1,009.89	50.20	21.118		
8,600.00	7,123.48	6,900.00	6,750.71	38.82	20.87	62.76	-878.52	1,938.91	1,126.75	1,076.81	49.94	22.564		
8,700.00	7,123.03	6,900.00	6,750.71	40.30	20.87	62.76	-878.52	1,938.91	1,197.57	1,147.73	49.84	24.030		
8,800.00	7,122.59	6,884.39	6,735.91	41.79	20.86	61.78	-876.34	1,943.37	1,272.06	1,222.51	49.55	25.673		
8,900.00	7,122.14	6,874.22	6,726.21	43.29	20.85	61.14	-874.92	1,946.08	1,349.64	1,300.35	49.29	27.380		
9,000.00	7,121.69	6,865.11	6,717.49	44.80	20.84	60.57	-873.64	1,948.37	1,429.84	1,380.80	49.04	29.156		
9,100.00	7,121.25	6,850.00	6,702.95	46.33	20.83	59.64	-871.51	1,951.89	1,512.30	1,463.56	48.74	31.028		
9,200.00	7,120.80	6,850.00	6,702.95	47.86	20.83	59.64	-871.51	1,951.89	1,596.56	1,547.99	48.57	32.873		
9,300.00	7,120.35	6,850.00	6,702.95	49.40	20.83	59.64	-871.51	1,951.89	1,682.55	1,634.15	48.40	34.763		
9,400.00	7,119.91	6,850.00	6,702.95	50.96	20.83	59.64	-871.51	1,951.89	1,770.00	1,721.76	48.24	36.691		
9,500.00	7,119.46	6,830.97	6,684.53	52.52	20.81	58.47	-868.82	1,955.83	1,858.37	1,810.42	47.95	38.753		
9,600.00	7,119.02	6,825.79	6,679.49	54.08	20.81	58.15	-868.09	1,956.81	1,947.97	1,900.19	47.78	40.767		
9,700.00	7,118.57	6,821.01	6,674.85	55.65	20.80	57.86	-867.41	1,957.67	2,038.49	1,990.86	47.63	42.801		
9,800.00	7,118.12	6,800.00	6,654.32	57.23	20.78	56.59	-864.42	1,961.05	2,130.08	2,082.71	47.37	44.966		
9,900.00	7,117.68	6,800.00	6,654.32	58.81	20.78	56.59	-864.42	1,961.05	2,222.01	2,174.74	47.27	47.002		
10,000.00	7,117.23	6,800.00	6,654.32	60.40	20.78	56.59	-864.42	1,961.05	2,314.61	2,267.42	47.19	49.051		
10,100.00	7,116.78	6,800.00	6,654.32	61.99	20.78	56.59	-864.42	1,961.05	2,407.79	2,360.68	47.11	51.110		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	-1.00	3.28	3.28	90.35	-0.36	59.86	59.86				
100.00	100.00	101.00	99.00	3.28	3.28	90.35	-0.36	59.86	59.86	52.33	7.53	7.951	
200.00	200.00	199.00	199.00	3.31	3.30	90.35	-0.36	59.86	59.86	52.29	7.57	7.904	
300.00	299.99	297.40	297.38	3.35	3.34	-6.40	-1.41	61.14	60.07	52.42	7.65	7.849	
400.00	399.88	395.71	395.56	3.41	3.40	-3.91	-4.57	65.05	59.66	51.90	7.76	7.683	
500.00	499.55	493.91	493.39	3.50	3.49	0.30	-9.85	71.56	58.79	50.87	7.91	7.429	
600.00	598.89	591.95	590.73	3.61	3.60	6.36	-17.23	80.65	57.86	49.76	8.10	7.145	
688.84	686.75	678.87	676.64	3.75	3.73	13.36	-25.52	90.87	57.47	49.18	8.29	6.933 CC	
700.00	697.76	689.77	687.39	3.76	3.75	14.34	-26.68	92.29	57.48	49.16	8.31	6.913 ES	
800.00	796.26	788.30	784.25	3.95	3.94	23.58	-38.04	106.31	59.14	50.55	8.59	6.887	
900.00	894.76	887.82	882.00	4.17	4.16	32.21	-49.81	120.81	62.70	53.77	8.94	7.016	
1,000.00	993.26	987.33	979.74	4.40	4.42	39.78	-61.58	135.32	67.53	58.19	9.34	7.227	
1,100.00	1,091.76	1,086.84	1,077.48	4.66	4.69	46.24	-73.35	149.83	73.38	63.57	9.81	7.483	
1,200.00	1,190.26	1,186.35	1,175.22	4.94	4.99	51.69	-85.12	164.34	80.02	69.70	10.32	7.755	
1,300.00	1,288.76	1,285.86	1,272.97	5.23	5.30	56.28	-96.89	178.84	87.27	76.40	10.87	8.028	
1,400.00	1,387.26	1,385.38	1,370.71	5.53	5.62	60.15	-108.66	193.35	94.99	83.53	11.46	8.291	
1,500.00	1,485.76	1,484.89	1,468.45	5.84	5.95	63.43	-120.43	207.86	103.08	91.01	12.07	8.539	
1,600.00	1,584.26	1,584.40	1,566.20	6.16	6.30	66.22	-132.20	222.37	111.46	98.75	12.71	8.770	
1,700.00	1,682.75	1,683.91	1,663.94	6.49	6.65	68.62	-143.96	236.87	120.06	106.69	13.37	8.983	
1,800.00	1,781.25	1,783.43	1,761.68	6.83	7.00	70.69	-155.73	251.38	128.84	114.81	14.04	9.179	
1,900.00	1,879.75	1,882.94	1,859.43	7.01	7.23	72.50	-167.50	265.89	137.77	123.71	14.06	9.796	
2,000.00	1,978.25	1,982.45	1,957.17	7.05	7.30	74.09	-179.27	280.40	146.82	132.62	14.20	10.340	
2,100.00	2,076.75	2,081.96	2,054.91	7.11	7.36	75.49	-191.04	294.90	155.97	141.63	14.34	10.878	
2,200.00	2,175.25	2,181.47	2,152.66	7.18	7.43	76.74	-202.81	309.41	165.20	150.70	14.50	11.390	
2,300.00	2,273.75	2,280.99	2,250.40	7.27	7.52	77.85	-214.58	323.92	174.50	159.81	14.70	11.872	
2,400.00	2,372.25	2,380.50	2,348.14	7.37	7.63	78.85	-226.35	338.43	183.86	168.94	14.92	12.323	
2,500.00	2,470.75	2,480.01	2,445.88	7.49	7.75	79.76	-238.12	352.93	193.27	178.10	15.17	12.742	
2,600.00	2,569.25	2,579.52	2,543.63	7.62	7.89	80.58	-249.88	367.44	202.73	187.28	15.44	13.128	
2,700.00	2,667.74	2,679.03	2,641.37	7.76	8.04	81.33	-261.65	381.95	212.22	196.48	15.74	13.481	
2,800.00	2,766.24	2,778.55	2,739.11	7.92	8.20	82.01	-273.42	396.46	221.74	205.68	16.06	13.804	
2,900.00	2,864.74	2,878.06	2,836.86	8.08	8.38	82.64	-285.19	410.96	231.29	214.88	16.41	14.096	
3,000.00	2,963.24	2,977.57	2,934.60	8.26	8.57	83.21	-296.96	425.47	240.87	224.10	16.77	14.360	
3,100.00	3,061.74	3,077.08	3,032.34	8.45	8.77	83.75	-308.73	439.98	250.47	233.31	17.16	14.597	
3,200.00	3,160.24	3,176.60	3,130.09	8.65	8.97	84.24	-320.50	454.49	260.09	242.53	17.56	14.809	
3,300.00	3,258.74	3,276.11	3,227.83	8.85	9.19	84.70	-332.27	468.99	269.73	251.74	17.98	14.998	
3,400.00	3,357.24	3,375.62	3,325.57	9.07	9.42	85.12	-344.04	483.50	279.38	260.96	18.42	15.167	
3,500.00	3,455.74	3,475.13	3,423.31	9.29	9.65	85.52	-355.80	498.01	289.05	270.17	18.87	15.316	
3,600.00	3,554.23	3,574.64	3,521.06	9.52	9.89	85.89	-367.57	512.52	298.73	279.39	19.34	15.447	
3,700.00	3,652.73	3,674.16	3,618.80	9.76	10.14	86.24	-379.34	527.02	308.42	288.60	19.82	15.562	
3,800.00	3,751.23	3,773.67	3,716.54	10.00	10.40	86.57	-391.11	541.53	318.12	297.81	20.31	15.664	
3,900.00	3,849.73	3,873.18	3,814.29	10.25	10.66	86.88	-402.88	556.04	327.84	307.02	20.81	15.752	
4,000.00	3,948.23	3,972.69	3,912.03	10.50	10.92	87.17	-414.65	570.55	337.56	316.23	21.33	15.829	
4,100.00	4,046.73	4,072.21	4,009.77	10.76	11.19	87.44	-426.42	585.05	347.29	325.44	21.85	15.896	
4,200.00	4,145.23	4,171.72	4,107.52	11.02	11.47	87.70	-438.19	599.56	357.02	334.64	22.38	15.953	
4,300.00	4,243.73	4,271.23	4,205.26	11.29	11.75	87.95	-449.96	614.07	366.77	343.85	22.92	16.002	
4,400.00	4,342.23	4,370.74	4,303.00	11.56	12.04	88.18	-461.72	628.58	376.52	353.05	23.47	16.043	
4,500.00	4,440.72	4,470.25	4,400.74	11.84	12.33	88.40	-473.49	643.08	386.27	362.25	24.02	16.078	
4,600.00	4,539.22	4,569.77	4,498.49	12.12	12.62	88.61	-485.26	657.59	396.04	371.45	24.59	16.108	
4,700.00	4,637.72	4,669.28	4,596.23	12.40	12.92	88.81	-497.03	672.10	405.80	380.65	25.16	16.132	
4,800.00	4,736.22	4,768.79	4,693.97	12.69	13.21	89.00	-508.80	686.61	415.57	389.84	25.73	16.151	
4,900.00	4,834.72	4,868.30	4,791.72	12.97	13.52	89.19	-520.57	701.11	425.35	399.04	26.31	16.166	
5,000.00	4,933.22	4,967.82	4,889.46	13.26	13.82	89.36	-532.34	715.62	435.13	408.23	26.90	16.178	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,031.72	5,067.33	4,987.20	13.56	14.13	89.53	-544.11	730.13	444.91	417.43	27.49	16.186	
5,200.00	5,130.22	5,166.84	5,084.95	13.85	14.44	89.68	-555.87	744.64	454.70	426.62	28.08	16.192	
5,300.00	5,228.72	5,266.35	5,182.69	14.15	14.75	89.84	-567.64	759.14	464.49	435.81	28.68	16.195	
5,400.00	5,327.21	5,365.86	5,280.43	14.45	15.06	89.98	-579.41	773.65	474.28	445.00	29.28	16.196	
5,500.00	5,425.71	5,465.38	5,378.18	14.75	15.38	90.12	-591.18	788.16	484.08	454.19	29.89	16.194	
5,600.00	5,524.21	5,564.89	5,475.92	15.05	15.70	90.26	-602.95	802.67	493.88	463.38	30.50	16.191	
5,700.00	5,622.71	5,664.40	5,573.66	15.36	16.02	90.39	-614.72	817.17	503.68	472.56	31.12	16.187	
5,800.00	5,721.21	5,763.91	5,671.40	15.67	16.34	90.51	-626.49	831.68	513.48	481.75	31.73	16.181	
5,900.00	5,819.71	5,863.42	5,769.15	15.97	16.66	90.63	-638.26	846.19	523.29	490.94	32.35	16.174	
6,000.00	5,918.21	5,962.94	5,866.89	16.28	16.99	90.75	-650.03	860.70	533.10	500.12	32.98	16.166	
6,100.00	6,016.71	6,062.45	5,964.63	16.59	17.31	90.86	-661.79	875.20	542.91	509.31	33.60	16.157	
6,200.00	6,115.21	6,161.96	6,062.38	16.91	17.64	90.96	-673.56	889.71	552.72	518.49	34.23	16.147	
6,300.00	6,213.70	6,261.47	6,160.12	17.22	17.97	91.07	-685.33	904.22	562.54	527.68	34.86	16.136	
6,400.00	6,312.20	6,360.99	6,257.86	17.53	18.30	91.17	-697.10	918.73	572.35	536.86	35.49	16.125	
6,500.00	6,410.70	6,460.50	6,355.61	17.85	18.63	91.26	-708.87	933.23	582.17	546.04	36.13	16.114	
6,600.00	6,509.20	6,560.01	6,453.35	18.17	18.96	91.36	-720.64	947.74	591.99	555.22	36.77	16.102	
6,700.00	6,607.69	6,659.52	6,551.09	18.48	19.29	91.89	-732.41	962.25	601.82	564.41	37.41	16.089	
6,800.00	6,704.15	6,758.30	6,648.11	18.86	19.62	95.20	-744.09	976.65	613.15	575.00	38.15	16.073	
6,900.00	6,795.38	6,854.06	6,742.17	19.35	19.94	97.36	-755.42	990.61	627.57	588.52	39.05	16.069	
7,000.00	6,879.12	6,969.56	6,854.52	19.94	20.36	100.08	-768.92	1,013.19	645.19	604.99	40.20	16.048	
7,100.00	6,953.32	7,106.71	6,980.25	20.64	20.97	102.63	-783.93	1,065.18	662.56	621.02	41.54	15.950	
7,200.00	7,016.16	7,257.79	7,102.42	21.44	21.82	104.64	-798.37	1,152.26	677.87	634.88	42.99	15.767	
7,300.00	7,066.07	7,421.64	7,207.91	22.34	22.94	105.93	-810.66	1,276.45	689.45	644.90	44.54	15.478	
7,400.00	7,101.84	7,594.03	7,281.17	23.34	24.34	106.32	-818.92	1,431.69	695.88	649.63	46.26	15.044	
7,500.00	7,122.58	7,767.95	7,310.61	24.40	25.96	105.71	-821.82	1,602.53	696.49	648.27	48.22	14.444	
7,595.96	7,128.89	7,874.32	7,310.63	25.46	27.02	105.25	-821.41	1,708.89	694.80	644.49	50.31	13.812	
7,600.00	7,127.94	7,878.40	7,310.61	25.51	27.07	105.32	-821.39	1,712.97	695.07	644.69	50.38	13.797	
7,700.00	7,127.49	7,978.40	7,310.15	26.66	28.14	105.32	-820.95	1,812.97	695.23	642.64	52.58	13.221	
7,800.00	7,127.05	8,078.40	7,309.69	27.87	29.27	105.31	-820.51	1,912.97	695.38	640.49	54.90	12.667	
7,900.00	7,126.60	8,178.40	7,309.23	29.13	30.46	105.31	-820.07	2,012.97	695.54	638.23	57.30	12.138	
8,000.00	7,126.16	8,278.40	7,308.77	30.43	31.70	105.30	-819.63	2,112.96	695.69	635.90	59.79	11.635	
8,100.00	7,125.71	8,378.40	7,308.31	31.76	32.97	105.30	-819.18	2,212.96	695.85	633.49	62.36	11.159	
8,200.00	7,125.26	8,478.40	7,307.85	33.12	34.29	105.29	-818.74	2,312.96	696.01	631.02	64.98	10.711	
8,300.00	7,124.82	8,578.40	7,307.39	34.52	35.63	105.29	-818.30	2,412.96	696.16	628.50	67.67	10.288	
8,400.00	7,124.37	8,678.40	7,306.93	35.93	37.00	105.28	-817.86	2,512.95	696.32	625.92	70.40	9.891	
8,500.00	7,123.92	8,778.40	7,306.47	37.37	38.40	105.28	-817.42	2,612.95	696.48	623.30	73.18	9.518	
8,600.00	7,123.48	8,878.40	7,306.01	38.82	39.81	105.27	-816.98	2,712.95	696.63	620.64	75.99	9.167	
8,700.00	7,123.03	8,978.40	7,305.55	40.30	41.25	105.27	-816.53	2,812.95	696.79	617.94	78.85	8.837	
8,800.00	7,122.59	9,078.40	7,305.09	41.79	42.71	105.27	-816.09	2,912.95	696.94	615.21	81.73	8.527	
8,900.00	7,122.14	9,178.40	7,304.63	43.29	44.18	105.26	-815.65	3,012.94	697.10	612.46	84.64	8.236	
9,000.00	7,121.69	9,278.40	7,304.17	44.80	45.67	105.26	-815.21	3,112.94	697.26	609.67	87.58	7.961	
9,100.00	7,121.25	9,378.40	7,303.71	46.33	47.16	105.25	-814.77	3,212.94	697.41	606.87	90.54	7.703	
9,200.00	7,120.80	9,478.40	7,303.25	47.86	48.67	105.25	-814.32	3,312.94	697.57	604.04	93.52	7.459	
9,300.00	7,120.35	9,578.40	7,302.79	49.40	50.19	105.24	-813.88	3,412.93	697.72	601.20	96.52	7.229	
9,400.00	7,119.91	9,678.40	7,302.33	50.96	51.72	105.24	-813.44	3,512.93	697.88	598.34	99.54	7.011	
9,500.00	7,119.46	9,778.40	7,301.87	52.52	53.26	105.23	-813.00	3,612.93	698.04	595.46	102.57	6.805	
9,600.00	7,119.02	9,878.40	7,301.41	54.08	54.81	105.23	-812.56	3,712.93	698.19	592.57	105.62	6.610	
9,700.00	7,118.57	9,978.40	7,300.95	55.65	56.36	105.22	-812.11	3,812.93	698.35	589.67	108.68	6.426	
9,800.00	7,118.12	10,078.40	7,300.49	57.23	57.92	105.22	-811.67	3,912.92	698.50	586.75	111.76	6.250	
9,900.00	7,117.68	10,178.40	7,300.03	58.81	59.49	105.21	-811.23	4,012.92	698.66	583.82	114.84	6.084	
10,000.00	7,117.23	10,278.40	7,299.57	60.40	61.06	105.21	-810.79	4,112.92	698.82	580.88	117.93	5.925	
10,100.00	7,116.78	10,378.40	7,299.11	61.99	62.64	105.20	-810.35	4,212.92	698.97	577.94	121.04	5.775	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,116.34	10,478.40	7,298.65	63.59	64.22	105.20	-809.91	4,312.92	699.13	574.98	124.15	5.631	
10,300.00	7,115.89	10,578.40	7,298.19	65.19	65.81	105.20	-809.46	4,412.91	699.29	572.02	127.27	5.495	
10,400.00	7,115.44	10,678.40	7,297.73	66.80	67.40	105.19	-809.02	4,512.91	699.44	569.04	130.40	5.364	
10,500.00	7,115.00	10,778.40	7,297.27	68.40	69.00	105.19	-808.58	4,612.91	699.60	566.07	133.53	5.239	
10,600.00	7,114.55	10,878.40	7,296.81	70.01	70.60	105.18	-808.14	4,712.91	699.75	563.08	136.67	5.120	
10,700.00	7,114.11	10,978.40	7,296.35	71.63	72.20	105.18	-807.70	4,812.90	699.91	560.09	139.82	5.006	
10,800.00	7,113.66	11,078.40	7,295.89	73.24	73.80	105.17	-807.25	4,912.90	700.07	557.09	142.97	4.896	
10,900.00	7,113.21	11,178.40	7,295.43	74.86	75.41	105.17	-806.81	5,012.90	700.22	554.09	146.13	4.792	
11,000.00	7,112.77	11,278.40	7,294.97	76.48	77.02	105.16	-806.37	5,112.90	700.38	551.08	149.30	4.691	
11,100.00	7,112.32	11,378.40	7,294.51	78.10	78.64	105.16	-805.93	5,212.90	700.54	548.07	152.46	4.595	
11,200.00	7,111.87	11,478.40	7,294.05	79.73	80.25	105.15	-805.49	5,312.89	700.69	545.06	155.64	4.502	
11,300.00	7,111.43	11,578.40	7,293.59	81.35	81.87	105.15	-805.04	5,412.89	700.85	542.04	158.81	4.413	
11,400.00	7,110.98	11,678.40	7,293.13	82.98	83.49	105.14	-804.60	5,512.89	701.00	539.01	161.99	4.327	
11,500.00	7,110.54	11,778.40	7,292.67	84.61	85.11	105.14	-804.16	5,612.89	701.16	535.98	165.18	4.245	
11,600.00	7,110.09	11,878.40	7,292.21	86.24	86.74	105.14	-803.72	5,712.88	701.32	532.95	168.36	4.165	
11,700.00	7,109.64	11,978.40	7,291.75	87.88	88.36	105.13	-803.28	5,812.88	701.47	529.92	171.56	4.089	
11,800.00	7,109.20	12,078.40	7,291.29	89.51	89.99	105.13	-802.84	5,912.88	701.63	526.88	174.75	4.015	
11,900.00	7,108.75	12,178.39	7,290.83	91.15	91.62	105.12	-802.39	6,012.88	701.79	523.84	177.95	3.944	
12,000.00	7,108.30	12,278.39	7,290.37	92.79	93.25	105.12	-801.95	6,112.88	701.94	520.80	181.15	3.875	
12,100.00	7,107.86	12,378.39	7,289.91	94.42	94.89	105.11	-801.51	6,212.87	702.10	517.75	184.35	3.809	
12,200.00	7,107.41	12,478.39	7,289.45	96.06	96.52	105.11	-801.07	6,312.87	702.25	514.70	187.55	3.744	
12,300.00	7,106.96	12,578.39	7,288.99	97.70	98.16	105.10	-800.63	6,412.87	702.41	511.65	190.76	3.682	
12,400.00	7,106.52	12,678.39	7,288.53	99.35	99.79	105.10	-800.18	6,512.87	702.57	508.60	193.97	3.622	
12,500.00	7,106.07	12,778.39	7,288.07	100.99	101.43	105.09	-799.74	6,612.87	702.72	505.54	197.18	3.564	
12,600.00	7,105.63	12,878.39	7,287.61	102.63	103.07	105.09	-799.30	6,712.86	702.88	502.48	200.40	3.507	
12,700.00	7,105.18	12,978.39	7,287.15	104.28	104.71	105.08	-798.86	6,812.86	703.04	499.42	203.61	3.453	
12,800.00	7,104.73	13,078.39	7,286.69	105.92	106.35	105.08	-798.42	6,912.86	703.19	496.36	206.83	3.400	
12,900.00	7,104.29	13,178.39	7,286.23	107.57	107.99	105.08	-797.97	7,012.86	703.35	493.30	210.05	3.348	
13,000.00	7,103.84	13,278.39	7,285.77	109.22	109.63	105.07	-797.53	7,112.85	703.50	490.23	213.27	3.299	
13,100.00	7,103.39	13,378.39	7,285.31	110.86	111.28	105.07	-797.09	7,212.85	703.66	487.17	216.49	3.250	
13,200.00	7,102.95	13,478.39	7,284.85	112.51	112.92	105.06	-796.65	7,312.85	703.82	484.10	219.72	3.203	
13,300.00	7,102.50	13,578.39	7,284.39	114.16	114.57	105.06	-796.21	7,412.85	703.97	481.03	222.94	3.158	
13,400.00	7,102.06	13,678.39	7,283.93	115.81	116.21	105.05	-795.77	7,512.85	704.13	477.96	226.17	3.113	
13,500.00	7,101.61	13,778.39	7,283.47	117.46	117.86	105.05	-795.32	7,612.84	704.29	474.89	229.40	3.070	
13,600.00	7,101.16	13,878.39	7,283.01	119.11	119.51	105.04	-794.88	7,712.84	704.44	471.81	232.63	3.028	
13,700.00	7,100.72	13,978.39	7,282.55	120.77	121.15	105.04	-794.44	7,812.84	704.60	468.74	235.86	2.987	
13,800.00	7,100.27	14,078.39	7,282.09	122.42	122.80	105.03	-794.00	7,912.84	704.75	465.66	239.09	2.948	
13,900.00	7,099.82	14,178.39	7,281.63	124.07	124.45	105.03	-793.56	8,012.83	704.91	462.58	242.33	2.909	
14,000.00	7,099.38	14,278.39	7,281.17	125.72	126.10	105.03	-793.11	8,112.83	705.07	459.50	245.56	2.871	
14,100.00	7,098.93	14,378.39	7,280.71	127.38	127.75	105.02	-792.67	8,212.83	705.22	456.42	248.80	2.835	
14,200.00	7,098.49	14,478.39	7,280.25	129.03	129.40	105.02	-792.23	8,312.83	705.38	453.34	252.04	2.799	
14,300.00	7,098.04	14,578.39	7,279.79	130.69	131.06	105.01	-791.79	8,412.83	705.54	450.26	255.28	2.764	
14,400.00	7,097.59	14,678.39	7,279.33	132.34	132.71	105.01	-791.35	8,512.82	705.69	447.18	258.51	2.730	
14,500.00	7,097.15	14,778.39	7,278.87	134.00	134.36	105.00	-790.90	8,612.82	705.85	444.09	261.76	2.697	
14,600.00	7,096.70	14,878.39	7,278.41	135.65	136.01	105.00	-790.46	8,712.82	706.01	441.01	265.00	2.664	
14,700.00	7,096.25	14,978.39	7,277.95	137.31	137.67	104.99	-790.02	8,812.82	706.16	437.92	268.24	2.633	
14,800.00	7,095.81	15,078.39	7,277.49	138.97	139.32	104.99	-789.58	8,912.82	706.32	434.84	271.48	2.602	
14,900.00	7,095.36	15,178.39	7,277.03	140.63	140.98	104.98	-789.14	9,012.81	706.47	431.75	274.73	2.572	
15,000.00	7,094.91	15,278.39	7,276.57	142.28	142.63	104.98	-788.70	9,112.81	706.63	428.66	277.97	2.542	
15,100.00	7,094.47	15,378.39	7,276.11	143.94	144.29	104.98	-788.25	9,212.81	706.79	425.57	281.22	2.513	
15,200.00	7,094.02	15,478.39	7,275.65	145.60	145.94	104.97	-787.81	9,312.81	706.94	422.48	284.46	2.485	
15,300.00	7,093.58	15,578.39	7,275.19	147.26	147.60	104.97	-787.37	9,412.80	707.10	419.39	287.71	2.458	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	7,093.13	15,678.39	7,274.73	148.92	149.26	104.96	-786.93	9,512.80	707.26	416.30	290.96	2.431	
15,500.00	7,092.68	15,778.39	7,274.27	150.58	150.91	104.96	-786.49	9,612.80	707.41	413.21	294.21	2.404	
15,600.00	7,092.24	15,878.39	7,273.81	152.23	152.57	104.95	-786.04	9,712.80	707.57	410.11	297.45	2.379	
15,700.00	7,091.79	15,978.39	7,273.35	153.89	154.23	104.95	-785.60	9,812.80	707.73	407.02	300.70	2.354	
15,800.00	7,091.34	16,078.39	7,272.89	155.55	155.89	104.94	-785.16	9,912.79	707.88	403.93	303.96	2.329	
15,900.00	7,090.90	16,178.39	7,272.43	157.21	157.54	104.94	-784.72	10,012.79	708.04	400.83	307.21	2.305	
16,000.00	7,090.45	16,278.39	7,271.97	158.87	159.20	104.93	-784.28	10,112.79	708.20	397.74	310.46	2.281	
16,100.00	7,090.01	16,378.39	7,271.51	160.54	160.86	104.93	-783.83	10,212.79	708.35	394.64	313.71	2.258	
16,200.00	7,089.56	16,478.39	7,271.05	162.20	162.52	104.93	-783.39	10,312.79	708.51	391.54	316.96	2.235	
16,300.00	7,089.11	16,578.39	7,270.59	163.86	164.18	104.92	-782.95	10,412.78	708.66	388.45	320.22	2.213	
16,400.00	7,088.67	16,678.39	7,270.13	165.52	165.84	104.92	-782.51	10,512.78	708.82	385.35	323.47	2.191	
16,500.00	7,088.22	16,778.39	7,269.67	167.18	167.50	104.91	-782.07	10,612.78	708.98	382.25	326.73	2.170	
16,600.00	7,087.77	16,878.39	7,269.21	168.84	169.16	104.91	-781.63	10,712.78	709.13	379.15	329.98	2.149	
16,700.00	7,087.33	16,978.39	7,268.75	170.50	170.82	104.90	-781.18	10,812.77	709.29	376.05	333.24	2.128	
16,800.00	7,086.88	17,078.39	7,268.29	172.17	172.48	104.90	-780.74	10,912.77	709.45	372.95	336.49	2.108	
16,900.00	7,086.43	17,178.39	7,267.83	173.83	174.14	104.89	-780.30	11,012.77	709.60	369.85	339.75	2.089	
17,000.00	7,085.99	17,278.39	7,267.37	175.49	175.80	104.89	-779.86	11,112.77	709.76	366.75	343.01	2.069	
17,100.00	7,085.54	17,378.39	7,266.91	177.15	177.46	104.89	-779.42	11,212.77	709.92	363.65	346.26	2.050	
17,200.00	7,085.10	17,478.39	7,266.45	178.82	179.12	104.88	-778.97	11,312.76	710.07	360.55	349.52	2.032	
17,300.00	7,084.65	17,578.39	7,265.99	180.48	180.79	104.88	-778.53	11,412.76	710.23	357.45	352.78	2.013	
17,400.00	7,084.20	17,678.39	7,265.53	182.14	182.45	104.87	-778.09	11,512.76	710.39	354.35	356.04	1.995	
17,500.00	7,083.76	17,778.39	7,265.07	183.81	184.11	104.87	-777.65	11,612.76	710.54	351.24	359.30	1.978	
17,600.00	7,083.31	17,878.39	7,264.61	185.47	185.77	104.86	-777.21	11,712.75	710.70	348.14	362.56	1.960 SF	
17,700.00	7,082.86	17,893.49	7,264.54	187.13	186.02	104.86	-777.14	11,727.86	715.91	352.88	363.03	1.972	
17,800.00	7,082.42	17,893.49	7,264.54	188.80	186.02	104.86	-777.14	11,727.86	734.66	377.72	356.94	2.058	
17,900.00	7,081.97	17,893.49	7,264.54	190.46	186.02	104.86	-777.14	11,727.86	766.11	420.60	345.52	2.217	
17,993.68	7,081.55	17,893.49	7,264.54	192.02	186.02	104.86	-777.14	11,727.86	805.79	474.25	331.54	2.430	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.52	-0.73	79.90	79.91				
100.00	100.00	101.00	99.00	3.28	3.28	90.52	-0.73	79.90	79.91	72.38	7.53	10.613	
200.00	200.00	199.00	199.00	3.31	3.30	90.52	-0.73	79.90	79.91	72.33	7.57	10.551	
300.00	299.99	297.08	297.06	3.35	3.34	-6.33	-1.91	81.05	79.98	72.33	7.65	10.450	
400.00	399.88	395.06	394.91	3.41	3.40	-4.15	-5.50	84.51	79.15	71.39	7.77	10.193	
500.00	499.55	492.88	492.37	3.50	3.49	-0.41	-11.49	90.29	77.60	69.68	7.92	9.802	
600.00	598.89	590.47	589.26	3.61	3.60	5.04	-19.84	98.36	75.74	67.64	8.10	9.347	
700.00	697.76	687.76	685.41	3.76	3.74	12.35	-30.53	108.68	74.25	65.93	8.32	8.921	
724.42	721.84	711.47	708.76	3.81	3.78	14.40	-33.49	111.54	74.13	65.75	8.38	8.843 CC, ES	
800.00	796.26	784.71	780.66	3.95	3.93	21.14	-43.50	121.21	75.16	66.58	8.58	8.764	
900.00	894.76	883.21	876.96	4.17	4.16	29.92	-58.40	135.59	80.25	71.34	8.91	9.010	
1,000.00	993.26	982.34	973.85	4.40	4.43	37.56	-73.47	150.15	87.13	77.83	9.30	9.366	
1,100.00	1,091.76	1,081.47	1,070.74	4.66	4.73	44.00	-88.54	164.70	95.34	85.58	9.75	9.774	
1,200.00	1,190.26	1,180.61	1,167.64	4.94	5.04	49.38	-103.61	179.25	104.56	94.30	10.25	10.197	
1,300.00	1,288.76	1,279.74	1,264.53	5.23	5.37	53.85	-118.68	193.80	114.54	103.75	10.80	10.611	
1,400.00	1,387.26	1,378.87	1,361.43	5.53	5.72	57.60	-133.75	208.36	125.11	113.74	11.37	11.004	
1,500.00	1,485.76	1,478.01	1,458.32	5.84	6.08	60.75	-148.81	222.91	136.13	124.16	11.98	11.367	
1,600.00	1,584.26	1,577.14	1,555.22	6.16	6.45	63.43	-163.88	237.46	147.50	134.89	12.61	11.700	
1,700.00	1,682.75	1,676.27	1,652.11	6.49	6.83	65.72	-178.95	252.02	159.14	145.88	13.26	12.005	
1,800.00	1,781.25	1,775.41	1,749.00	6.83	7.22	67.69	-194.02	266.57	170.99	157.07	13.92	12.282	
1,900.00	1,879.75	1,874.54	1,845.90	7.01	7.48	69.41	-209.09	281.12	183.02	169.06	13.96	13.111	
2,000.00	1,978.25	1,973.67	1,942.79	7.05	7.57	70.92	-224.16	295.67	195.20	181.09	14.11	13.838	
2,100.00	2,076.75	2,072.81	2,039.69	7.11	7.63	72.25	-239.23	310.23	207.49	193.25	14.24	14.569	
2,200.00	2,175.25	2,171.94	2,136.58	7.18	7.71	73.43	-254.30	324.78	219.88	205.47	14.41	15.261	
2,300.00	2,273.75	2,271.07	2,233.48	7.27	7.81	74.49	-269.37	339.33	232.35	217.75	14.60	15.911	
2,400.00	2,372.25	2,370.21	2,330.37	7.37	7.93	75.43	-284.44	353.88	244.89	230.07	14.83	16.517	
2,500.00	2,470.75	2,469.34	2,427.26	7.49	8.06	76.29	-299.51	368.44	257.50	242.42	15.08	17.078	
2,600.00	2,569.25	2,568.47	2,524.16	7.62	8.21	77.06	-314.58	382.99	270.15	254.79	15.35	17.594	
2,700.00	2,667.74	2,667.60	2,621.05	7.76	8.37	77.77	-329.65	397.54	282.84	267.19	15.66	18.065	
2,800.00	2,766.24	2,766.74	2,717.95	7.92	8.54	78.41	-344.72	412.09	295.58	279.60	15.98	18.492	
2,900.00	2,864.74	2,865.87	2,814.84	8.08	8.73	79.00	-359.79	426.65	308.35	292.02	16.33	18.879	
3,000.00	2,963.24	2,965.00	2,911.74	8.26	8.93	79.55	-374.86	441.20	321.15	304.44	16.70	19.226	
3,100.00	3,061.74	3,064.14	3,008.63	8.45	9.14	80.05	-389.93	455.75	333.97	316.88	17.09	19.537	
3,200.00	3,160.24	3,163.27	3,105.53	8.65	9.37	80.52	-405.00	470.31	346.82	329.32	17.50	19.814	
3,300.00	3,258.74	3,262.40	3,202.42	8.85	9.60	80.95	-420.07	484.86	359.69	341.76	17.93	20.060	
3,400.00	3,357.24	3,361.54	3,299.31	9.07	9.84	81.35	-435.14	499.41	372.58	354.21	18.37	20.278	
3,500.00	3,455.74	3,460.67	3,396.21	9.29	10.09	81.73	-450.21	513.96	385.48	366.65	18.83	20.470	
3,600.00	3,554.23	3,559.80	3,493.10	9.52	10.35	82.08	-465.28	528.52	398.40	379.10	19.30	20.638	
3,700.00	3,652.73	3,658.94	3,590.00	9.76	10.61	82.41	-480.35	543.07	411.34	391.55	19.79	20.785	
3,800.00	3,751.23	3,758.07	3,686.89	10.00	10.88	82.71	-495.42	557.62	424.29	404.00	20.29	20.912	
3,900.00	3,849.73	3,857.20	3,783.79	10.25	11.16	83.01	-510.49	572.17	437.24	416.45	20.80	21.023	
4,000.00	3,948.23	3,956.34	3,880.68	10.50	11.44	83.28	-525.56	586.73	450.21	428.89	21.32	21.119	
4,100.00	4,046.73	4,055.47	3,977.57	10.76	11.73	83.54	-540.63	601.28	463.19	441.34	21.85	21.200	
4,200.00	4,145.23	4,154.60	4,074.47	11.02	12.02	83.78	-555.69	615.83	476.18	453.79	22.39	21.270	
4,300.00	4,243.73	4,253.74	4,171.36	11.29	12.32	84.01	-570.76	630.38	489.17	466.24	22.93	21.329	
4,400.00	4,342.23	4,352.87	4,268.26	11.56	12.62	84.23	-585.83	644.94	502.18	478.69	23.49	21.378	
4,500.00	4,440.72	4,452.00	4,365.15	11.84	12.93	84.44	-600.90	659.49	515.18	491.13	24.05	21.418	
4,600.00	4,539.22	4,551.14	4,462.05	12.12	13.24	84.64	-615.97	674.04	528.20	503.58	24.62	21.451	
4,700.00	4,637.72	4,650.27	4,558.94	12.40	13.55	84.83	-631.04	688.59	541.22	516.02	25.20	21.478	
4,800.00	4,736.22	4,749.40	4,655.83	12.69	13.87	85.01	-646.11	703.15	554.25	528.47	25.78	21.498	
4,900.00	4,834.72	4,848.53	4,752.73	12.97	14.19	85.18	-661.18	717.70	567.28	540.91	26.37	21.513	
5,000.00	4,933.22	4,947.67	4,849.62	13.26	14.51	85.34	-676.25	732.25	580.32	553.36	26.96	21.524	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,031.72	5,046.80	4,946.52	13.56	14.83	85.50	-691.32	746.81	593.36	565.80	27.56	21.530	
5,200.00	5,130.22	5,145.93	5,043.41	13.85	15.16	85.65	-706.39	761.36	606.41	578.24	28.16	21.533	
5,300.00	5,228.72	5,245.07	5,140.31	14.15	15.49	85.79	-721.46	775.91	619.46	590.69	28.77	21.532	
5,400.00	5,327.21	5,344.20	5,237.20	14.45	15.82	85.93	-736.53	790.46	632.51	603.13	29.38	21.529	
5,500.00	5,425.71	5,443.33	5,334.10	14.75	16.16	86.06	-751.60	805.02	645.57	615.57	29.99	21.523	
5,600.00	5,524.21	5,542.47	5,430.99	15.05	16.49	86.19	-766.67	819.57	658.63	628.01	30.61	21.515	
5,700.00	5,622.71	5,641.60	5,527.88	15.36	16.83	86.31	-781.74	834.12	671.69	640.46	31.23	21.505	
5,800.00	5,721.21	5,740.73	5,624.78	15.67	17.17	86.43	-796.81	848.67	684.75	652.90	31.86	21.494	
5,900.00	5,819.71	5,839.87	5,721.67	15.97	17.51	86.54	-811.88	863.23	697.82	665.34	32.49	21.481	
6,000.00	5,918.21	5,939.00	5,818.57	16.28	17.85	86.65	-826.95	877.78	710.89	677.78	33.12	21.467	
6,100.00	6,016.71	6,038.13	5,915.46	16.59	18.20	86.76	-842.02	892.33	723.97	690.22	33.75	21.451	
6,200.00	6,115.21	6,137.27	6,012.36	16.91	18.54	86.86	-857.09	906.88	737.04	702.66	34.38	21.435	
6,300.00	6,213.70	6,236.40	6,109.25	17.22	18.89	86.96	-872.16	921.44	750.12	715.10	35.02	21.418	
6,400.00	6,312.20	6,335.53	6,206.14	17.53	19.23	87.05	-887.23	935.99	763.20	727.54	35.66	21.400	
6,500.00	6,410.70	6,434.67	6,303.04	17.85	19.58	87.14	-902.30	950.54	776.28	739.98	36.31	21.382	
6,600.00	6,509.20	6,533.80	6,399.93	18.17	19.93	87.23	-917.37	965.10	789.37	752.42	36.95	21.363	
6,700.00	6,607.69	6,639.66	6,503.08	18.48	20.31	87.61	-933.41	982.51	802.28	764.65	37.62	21.323	
6,800.00	6,704.15	6,753.82	6,610.21	18.86	20.78	89.41	-950.06	1,017.77	814.36	775.93	38.43	21.190	
6,900.00	6,795.38	6,866.70	6,708.36	19.35	21.36	88.98	-965.30	1,071.09	825.70	786.28	39.42	20.944	
7,000.00	6,879.12	6,977.97	6,794.52	19.94	22.01	87.92	-978.67	1,139.99	836.08	795.48	40.60	20.591	
7,100.00	6,953.32	7,087.35	6,866.42	20.64	22.73	86.62	-989.81	1,221.49	845.30	803.32	41.99	20.133	
7,200.00	7,016.16	7,194.67	6,922.56	21.44	23.53	85.25	-998.50	1,312.38	853.18	809.60	43.58	19.579	
7,300.00	7,066.07	7,299.80	6,962.18	22.34	24.38	83.91	-1,004.61	1,409.44	859.56	814.20	45.37	18.947	
7,400.00	7,101.84	7,402.70	6,985.17	23.34	25.29	82.64	-1,008.14	1,509.56	864.33	817.00	47.33	18.262	
7,500.00	7,122.58	7,503.39	6,991.98	24.40	26.23	81.49	-1,009.14	1,609.91	867.37	817.96	49.41	17.553	
7,600.00	7,127.94	7,603.10	6,991.46	25.51	27.21	81.03	-1,009.01	1,709.62	868.60	816.98	51.62	16.827	
7,700.00	7,127.49	7,703.10	6,990.93	26.66	28.28	81.02	-1,008.87	1,809.62	869.08	815.13	53.95	16.110	
7,800.00	7,127.05	7,803.10	6,990.40	27.87	29.40	81.02	-1,008.73	1,909.62	869.55	813.18	56.38	15.424	
7,900.00	7,126.60	7,903.10	6,989.87	29.13	30.58	81.02	-1,008.59	2,009.61	870.03	811.14	58.89	14.773	
8,000.00	7,126.16	8,003.10	6,989.34	30.43	31.81	81.02	-1,008.46	2,109.61	870.51	809.02	61.48	14.158	
8,100.00	7,125.71	8,103.10	6,988.81	31.76	33.08	81.02	-1,008.32	2,209.61	870.99	806.84	64.14	13.579	
8,200.00	7,125.26	8,203.10	6,988.28	33.12	34.39	81.02	-1,008.18	2,309.61	871.46	804.60	66.86	13.034	
8,300.00	7,124.82	8,303.09	6,987.75	34.52	35.72	81.02	-1,008.05	2,409.60	871.94	802.31	69.63	12.523	
8,400.00	7,124.37	8,403.09	6,987.22	35.93	37.09	81.02	-1,007.91	2,509.60	872.42	799.97	72.45	12.043	
8,500.00	7,123.92	8,503.09	6,986.69	37.37	38.48	81.02	-1,007.77	2,609.60	872.90	797.60	75.30	11.592	
8,600.00	7,123.48	8,603.09	6,986.16	38.82	39.90	81.02	-1,007.64	2,709.60	873.37	795.18	78.19	11.169	
8,700.00	7,123.03	8,703.09	6,985.63	40.30	41.33	81.02	-1,007.50	2,809.59	873.85	792.73	81.12	10.773	
8,800.00	7,122.59	8,803.09	6,985.10	41.79	42.79	81.02	-1,007.36	2,909.59	874.33	790.26	84.07	10.400	
8,900.00	7,122.14	8,903.09	6,984.57	43.29	44.26	81.02	-1,007.22	3,009.59	874.81	787.76	87.05	10.049	
9,000.00	7,121.69	9,003.09	6,984.04	44.80	45.74	81.02	-1,007.09	3,109.59	875.29	785.23	90.05	9.720	
9,100.00	7,121.25	9,103.09	6,983.51	46.33	47.24	81.02	-1,006.95	3,209.58	875.76	782.69	93.08	9.409	
9,200.00	7,120.80	9,203.08	6,982.98	47.86	48.74	81.02	-1,006.81	3,309.58	876.24	780.12	96.12	9.116	
9,300.00	7,120.35	9,303.08	6,982.45	49.40	50.26	81.01	-1,006.68	3,409.58	876.72	777.54	99.18	8.840	
9,400.00	7,119.91	9,403.08	6,981.92	50.96	51.79	81.01	-1,006.54	3,509.57	877.20	774.94	102.25	8.579	
9,500.00	7,119.46	9,503.08	6,981.39	52.52	53.33	81.01	-1,006.40	3,609.57	877.67	772.33	105.34	8.331	
9,600.00	7,119.02	9,603.08	6,980.86	54.08	54.87	81.01	-1,006.26	3,709.57	878.15	769.70	108.45	8.097	
9,700.00	7,118.57	9,703.08	6,980.33	55.65	56.43	81.01	-1,006.13	3,809.57	878.63	767.07	111.56	7.876	
9,800.00	7,118.12	9,803.08	6,979.80	57.23	57.99	81.01	-1,005.99	3,909.56	879.11	764.42	114.69	7.665	
9,900.00	7,117.68	9,903.08	6,979.27	58.81	59.55	81.01	-1,005.85	4,009.56	879.58	761.76	117.83	7.465	
10,000.00	7,117.23	10,003.08	6,978.74	60.40	61.13	81.01	-1,005.72	4,109.56	880.06	759.09	120.97	7.275	
10,100.00	7,116.78	10,103.07	6,978.21	61.99	62.70	81.01	-1,005.58	4,209.56	880.54	756.41	124.13	7.094	
10,200.00	7,116.34	10,203.07	6,977.68	63.59	64.29	81.01	-1,005.44	4,309.55	881.02	753.73	127.29	6.921	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,115.89	10,303.07	6,977.15	65.19	65.87	81.01	-1,005.31	4,409.55	881.50	751.04	130.46	6.757		
10,400.00	7,115.44	10,403.07	6,976.62	66.80	67.46	81.01	-1,005.17	4,509.55	881.97	748.34	133.63	6.600		
10,500.00	7,115.00	10,503.07	6,976.09	68.40	69.06	81.01	-1,005.03	4,609.55	882.45	745.63	136.82	6.450		
10,600.00	7,114.55	10,603.07	6,975.56	70.01	70.66	81.01	-1,004.89	4,709.54	882.93	742.92	140.01	6.306		
10,700.00	7,114.11	10,703.07	6,975.03	71.63	72.26	81.01	-1,004.76	4,809.54	883.41	740.20	143.20	6.169		
10,800.00	7,113.66	10,803.07	6,974.50	73.24	73.86	81.01	-1,004.62	4,909.54	883.88	737.48	146.40	6.037		
10,900.00	7,113.21	10,903.07	6,973.97	74.86	75.47	81.01	-1,004.48	5,009.54	884.36	734.76	149.61	5.911		
11,000.00	7,112.77	11,003.06	6,973.44	76.48	77.08	81.00	-1,004.35	5,109.53	884.84	732.02	152.81	5.790		
11,100.00	7,112.32	11,103.06	6,972.91	78.10	78.70	81.00	-1,004.21	5,209.53	885.32	729.29	156.03	5.674		
11,200.00	7,111.87	11,203.06	6,972.38	79.73	80.31	81.00	-1,004.07	5,309.53	885.79	726.55	159.25	5.562		
11,300.00	7,111.43	11,303.06	6,971.85	81.35	81.93	81.00	-1,003.94	5,409.52	886.27	723.81	162.47	5.455		
11,400.00	7,110.98	11,403.06	6,971.32	82.98	83.55	81.00	-1,003.80	5,509.52	886.75	721.06	165.69	5.352		
11,500.00	7,110.54	11,503.06	6,970.79	84.61	85.17	81.00	-1,003.66	5,609.52	887.23	718.31	168.92	5.252		
11,600.00	7,110.09	11,603.06	6,970.26	86.24	86.80	81.00	-1,003.52	5,709.52	887.71	715.55	172.15	5.157		
11,700.00	7,109.64	11,703.06	6,969.73	87.88	88.42	81.00	-1,003.39	5,809.51	888.18	712.80	175.39	5.064		
11,800.00	7,109.20	11,803.05	6,969.20	89.51	90.05	81.00	-1,003.25	5,909.51	888.66	710.04	178.62	4.975		
11,900.00	7,108.75	11,903.05	6,968.67	91.15	91.68	81.00	-1,003.11	6,009.51	889.14	707.28	181.86	4.889		
12,000.00	7,108.30	12,003.05	6,968.14	92.79	93.31	81.00	-1,002.98	6,109.51	889.62	704.51	185.10	4.806		
12,100.00	7,107.86	12,103.05	6,967.61	94.42	94.94	81.00	-1,002.84	6,209.50	890.09	701.75	188.35	4.726		
12,200.00	7,107.41	12,203.05	6,967.08	96.06	96.58	81.00	-1,002.70	6,309.50	890.57	698.98	191.60	4.648		
12,300.00	7,106.96	12,303.05	6,966.55	97.70	98.21	81.00	-1,002.57	6,409.50	891.05	696.20	194.84	4.573		
12,400.00	7,106.52	12,403.05	6,966.02	99.35	99.85	81.00	-1,002.43	6,509.50	891.53	693.43	198.10	4.500		
12,500.00	7,106.07	12,503.05	6,965.49	100.99	101.49	81.00	-1,002.29	6,609.49	892.00	690.66	201.35	4.430		
12,600.00	7,105.63	12,603.05	6,964.96	102.63	103.13	81.00	-1,002.15	6,709.49	892.48	687.88	204.60	4.362		
12,700.00	7,105.18	12,703.04	6,964.43	104.28	104.77	80.99	-1,002.02	6,809.49	892.96	685.10	207.86	4.296		
12,800.00	7,104.73	12,803.04	6,963.90	105.92	106.41	80.99	-1,001.88	6,909.49	893.44	682.32	211.12	4.232		
12,900.00	7,104.29	12,903.04	6,963.37	107.57	108.05	80.99	-1,001.74	7,009.48	893.92	679.54	214.38	4.170		
13,000.00	7,103.84	13,003.04	6,962.84	109.22	109.69	80.99	-1,001.61	7,109.48	894.39	676.75	217.64	4.110		
13,100.00	7,103.39	13,103.04	6,962.31	110.86	111.33	80.99	-1,001.47	7,209.48	894.87	673.97	220.90	4.051		
13,200.00	7,102.95	13,203.04	6,961.78	112.51	112.98	80.99	-1,001.33	7,309.47	895.35	671.18	224.17	3.994		
13,300.00	7,102.50	13,303.04	6,961.25	114.16	114.62	80.99	-1,001.19	7,409.47	895.83	668.39	227.43	3.939		
13,400.00	7,102.06	13,403.04	6,960.72	115.81	116.27	80.99	-1,001.06	7,509.47	896.30	665.60	230.70	3.885		
13,500.00	7,101.61	13,503.04	6,960.19	117.46	117.92	80.99	-1,000.92	7,609.47	896.78	662.81	233.97	3.833		
13,600.00	7,101.16	13,603.03	6,959.66	119.11	119.56	80.99	-1,000.78	7,709.46	897.26	660.02	237.24	3.782		
13,700.00	7,100.72	13,703.03	6,959.13	120.77	121.21	80.99	-1,000.65	7,809.46	897.74	657.23	240.51	3.733		
13,800.00	7,100.27	13,803.03	6,958.60	122.42	122.86	80.99	-1,000.51	7,909.46	898.21	654.43	243.78	3.685		
13,900.00	7,099.82	13,903.03	6,958.07	124.07	124.51	80.99	-1,000.37	8,009.46	898.69	651.64	247.05	3.638		
14,000.00	7,099.38	14,003.03	6,957.54	125.72	126.16	80.99	-1,000.24	8,109.45	899.17	648.84	250.33	3.592		
14,100.00	7,098.93	14,103.03	6,957.01	127.38	127.81	80.99	-1,000.10	8,209.45	899.65	646.05	253.60	3.548		
14,200.00	7,098.49	14,203.03	6,956.48	129.03	129.46	80.99	-999.96	8,309.45	900.13	643.25	256.88	3.504		
14,300.00	7,098.04	14,303.03	6,955.95	130.69	131.12	80.99	-999.82	8,409.45	900.60	640.45	260.15	3.462		
14,400.00	7,097.59	14,403.03	6,955.42	132.34	132.77	80.98	-999.69	8,509.44	901.08	637.65	263.43	3.421		
14,500.00	7,097.15	14,503.02	6,954.89	134.00	134.42	80.98	-999.55	8,609.44	901.56	634.85	266.71	3.380		
14,600.00	7,096.70	14,603.02	6,954.36	135.65	136.07	80.98	-999.41	8,709.44	902.04	632.05	269.99	3.341		
14,700.00	7,096.25	14,703.02	6,953.83	137.31	137.73	80.98	-999.28	8,809.44	902.51	629.25	273.27	3.303		
14,800.00	7,095.81	14,803.02	6,953.30	138.97	139.38	80.98	-999.14	8,909.43	902.99	626.44	276.55	3.265		
14,900.00	7,095.36	14,903.02	6,952.77	140.63	141.04	80.98	-999.00	9,009.43	903.47	623.64	279.83	3.229		
15,000.00	7,094.91	15,003.02	6,952.24	142.28	142.69	80.98	-998.87	9,109.43	903.95	620.84	283.11	3.193		
15,100.00	7,094.47	15,103.02	6,951.71	143.94	144.35	80.98	-998.73	9,209.42	904.42	618.03	286.39	3.158		
15,200.00	7,094.02	15,203.02	6,951.18	145.60	146.00	80.98	-998.59	9,309.42	904.90	615.23	289.67	3.124		
15,300.00	7,093.58	15,303.02	6,950.65	147.26	147.66	80.98	-998.45	9,409.42	905.38	612.42	292.96	3.090		
15,400.00	7,093.13	15,403.01	6,950.12	148.92	149.32	80.98	-998.32	9,509.42	905.86	609.61	296.24	3.058		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	7,092.68	15,503.01	6,949.59	150.58	150.97	80.98	-998.18	9,609.41	906.34	606.81	299.53	3.026	
15,600.00	7,092.24	15,603.01	6,949.06	152.23	152.63	80.98	-998.04	9,709.41	906.81	604.00	302.81	2.995	
15,700.00	7,091.79	15,703.01	6,948.53	153.89	154.29	80.98	-997.91	9,809.41	907.29	601.19	306.10	2.964	
15,800.00	7,091.34	15,803.01	6,948.00	155.55	155.95	80.98	-997.77	9,909.41	907.77	598.38	309.39	2.934	
15,900.00	7,090.90	15,903.01	6,947.47	157.21	157.61	80.98	-997.63	10,009.40	908.25	595.57	312.67	2.905	
16,000.00	7,090.45	16,003.01	6,946.94	158.87	159.26	80.98	-997.50	10,109.40	908.72	592.76	315.96	2.876	
16,100.00	7,090.01	16,103.01	6,946.41	160.54	160.92	80.98	-997.36	10,209.40	909.20	589.95	319.25	2.848	
16,200.00	7,089.56	16,203.00	6,945.88	162.20	162.58	80.97	-997.22	10,309.40	909.68	587.14	322.54	2.820	
16,300.00	7,089.11	16,303.00	6,945.35	163.86	164.24	80.97	-997.08	10,409.39	910.16	584.33	325.82	2.793	
16,400.00	7,088.67	16,403.00	6,944.82	165.52	165.90	80.97	-996.95	10,509.39	910.63	581.52	329.11	2.767	
16,500.00	7,088.22	16,503.00	6,944.29	167.18	167.56	80.97	-996.81	10,609.39	911.11	578.71	332.40	2.741	
16,600.00	7,087.77	16,603.00	6,943.76	168.84	169.22	80.97	-996.67	10,709.38	911.59	575.90	335.69	2.716	
16,700.00	7,087.33	16,703.00	6,943.23	170.50	170.88	80.97	-996.54	10,809.38	912.07	573.08	338.98	2.691	
16,800.00	7,086.88	16,803.00	6,942.70	172.17	172.54	80.97	-996.40	10,909.38	912.54	570.27	342.28	2.666	
16,900.00	7,086.43	16,903.00	6,942.17	173.83	174.21	80.97	-996.26	11,009.38	913.02	567.46	345.57	2.642	
17,000.00	7,085.99	17,003.00	6,941.64	175.49	175.87	80.97	-996.12	11,109.37	913.50	564.64	348.86	2.619	
17,100.00	7,085.54	17,102.99	6,941.11	177.15	177.53	80.97	-995.99	11,209.37	913.98	561.83	352.15	2.595	
17,200.00	7,085.10	17,202.99	6,940.58	178.82	179.19	80.97	-995.85	11,309.37	914.46	559.01	355.44	2.573	
17,300.00	7,084.65	17,302.99	6,940.05	180.48	180.85	80.97	-995.71	11,409.37	914.93	556.20	358.73	2.550	
17,400.00	7,084.20	17,402.99	6,939.52	182.14	182.51	80.97	-995.58	11,509.36	915.41	553.38	362.03	2.529	
17,500.00	7,083.76	17,502.99	6,938.99	183.81	184.18	80.97	-995.44	11,609.36	915.89	550.57	365.32	2.507	
17,600.00	7,083.31	17,602.99	6,938.46	185.47	185.84	80.97	-995.30	11,709.36	916.37	547.75	368.61	2.486 SF	
17,700.00	7,082.86	17,601.54	6,938.47	187.13	185.81	80.97	-995.30	11,707.91	922.44	553.62	368.82	2.501	
17,800.00	7,082.42	17,601.54	6,938.47	188.80	185.81	80.97	-995.30	11,707.91	939.18	574.22	364.96	2.573	
17,900.00	7,081.97	17,601.54	6,938.47	190.46	185.81	80.97	-995.30	11,707.91	966.03	608.47	357.57	2.702	
17,993.68	7,081.55	17,601.54	6,938.47	192.02	185.81	80.97	-995.30	11,707.91	999.65	651.52	348.13	2.871	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.52	-0.36	40.09	40.09				
100.00	100.00	101.00	99.00	3.28	3.28	90.52	-0.36	40.09	40.09	32.56	7.53	5.325	
200.00	200.00	199.00	199.00	3.31	3.30	90.52	-0.36	40.09	40.09	32.52	7.57	5.294 CC	
300.00	299.99	297.79	297.77	3.35	3.35	-6.11	-1.19	41.54	40.46	32.81	7.65	5.287	
400.00	399.88	396.53	396.38	3.41	3.41	-3.38	-3.72	45.94	40.52	32.75	7.76	5.219	
500.00	499.55	495.20	494.68	3.50	3.49	1.15	-7.93	53.27	40.37	32.46	7.91	5.103	
566.04	565.20	560.31	559.36	3.57	3.56	5.16	-11.63	59.72	40.31	32.28	8.03	5.021	
600.00	598.89	593.77	592.54	3.61	3.60	7.54	-13.81	63.53	40.34	32.24	8.09	4.984 ES	
700.00	697.76	692.23	689.81	3.76	3.76	15.67	-21.36	76.68	40.85	32.54	8.31	4.916	
800.00	796.26	808.41	787.56	3.95	3.98	24.64	-30.23	92.14	42.66	34.03	8.63	4.945	
900.00	894.76	908.65	885.68	4.17	4.21	32.75	-39.21	107.79	45.53	36.54	8.99	5.064	
1,000.00	993.26	1,008.88	983.80	4.40	4.46	39.77	-48.20	123.44	49.20	39.79	9.41	5.227	
1,100.00	1,091.76	1,109.12	1,081.92	4.66	4.74	45.74	-57.18	139.09	53.50	43.61	9.89	5.411	
1,200.00	1,190.26	1,209.35	1,180.03	4.94	5.03	50.79	-66.16	154.74	58.30	47.89	10.41	5.599	
1,300.00	1,288.76	1,290.41	1,278.15	5.23	5.28	55.04	-75.14	170.39	63.47	52.55	10.93	5.810	
1,400.00	1,387.26	1,409.83	1,376.27	5.53	5.66	58.63	-84.12	186.04	68.95	57.38	11.57	5.960	
1,500.00	1,485.76	1,489.94	1,474.39	5.84	5.92	61.69	-93.10	201.69	74.65	62.52	12.13	6.152	
1,600.00	1,584.26	1,589.70	1,572.51	6.16	6.25	64.30	-102.08	217.34	80.53	67.76	12.77	6.305	
1,700.00	1,682.75	1,689.47	1,670.63	6.49	6.60	66.56	-111.06	232.99	86.56	73.13	13.43	6.445	
1,800.00	1,781.25	1,789.23	1,768.75	6.83	6.95	68.52	-120.04	248.64	92.71	78.61	14.10	6.574	
1,900.00	1,879.75	1,888.99	1,866.87	7.01	7.16	70.23	-129.02	264.29	98.95	84.83	14.12	7.006	
2,000.00	1,978.25	1,988.76	1,964.98	7.05	7.21	71.74	-138.00	279.94	105.27	91.02	14.25	7.387	
2,100.00	2,076.75	2,088.52	2,063.10	7.11	7.27	73.08	-146.98	295.59	111.65	97.26	14.39	7.761	
2,200.00	2,175.25	2,188.29	2,161.22	7.18	7.35	74.28	-155.97	311.24	118.09	103.54	14.55	8.115	
2,300.00	2,273.75	2,288.05	2,259.34	7.27	7.44	75.35	-164.95	326.89	124.57	109.82	14.75	8.448	
2,400.00	2,372.25	2,387.81	2,357.46	7.37	7.54	76.31	-173.93	342.54	131.09	116.13	14.97	8.758	
2,500.00	2,470.75	2,487.58	2,455.58	7.49	7.66	77.18	-182.91	358.19	137.65	122.43	15.22	9.047	
2,600.00	2,569.25	2,587.34	2,553.70	7.62	7.80	77.98	-191.89	373.84	144.23	128.74	15.49	9.312	
2,700.00	2,667.74	2,687.11	2,651.82	7.76	7.94	78.70	-200.87	389.49	150.84	135.06	15.79	9.555	
2,800.00	2,766.24	2,786.87	2,749.93	7.92	8.10	79.36	-209.85	405.14	157.47	141.37	16.11	9.776	
2,900.00	2,864.74	2,886.63	2,848.05	8.08	8.28	79.97	-218.83	420.79	164.12	147.67	16.45	9.977	
3,000.00	2,963.24	2,986.40	2,946.17	8.26	8.46	80.53	-227.81	436.44	170.79	153.98	16.82	10.157	
3,100.00	3,061.74	3,086.16	3,044.29	8.45	8.65	81.05	-236.79	452.09	177.47	160.28	17.20	10.319	
3,200.00	3,160.24	3,185.93	3,142.41	8.65	8.86	81.53	-245.77	467.74	184.17	166.57	17.60	10.464	
3,300.00	3,258.74	3,285.69	3,240.53	8.85	9.07	81.98	-254.75	483.39	190.88	172.86	18.02	10.592	
3,400.00	3,357.24	3,385.46	3,338.65	9.07	9.29	82.40	-263.74	499.04	197.60	179.14	18.46	10.707	
3,500.00	3,455.74	3,485.22	3,436.77	9.29	9.52	82.79	-272.72	514.69	204.33	185.42	18.91	10.808	
3,600.00	3,554.23	3,584.98	3,534.88	9.52	9.76	83.15	-281.70	530.33	211.06	191.69	19.37	10.896	
3,700.00	3,652.73	3,684.75	3,633.00	9.76	10.00	83.49	-290.68	545.98	217.81	197.96	19.85	10.974	
3,800.00	3,751.23	3,784.51	3,731.12	10.00	10.25	83.82	-299.66	561.63	224.56	204.23	20.34	11.042	
3,900.00	3,849.73	3,884.28	3,829.24	10.25	10.51	84.12	-308.64	577.28	231.32	210.49	20.84	11.101	
4,000.00	3,948.23	3,984.04	3,927.36	10.50	10.77	84.41	-317.62	592.93	238.09	216.74	21.35	11.152	
4,100.00	4,046.73	4,083.80	4,025.48	10.76	11.04	84.68	-326.60	608.58	244.86	222.99	21.87	11.196	
4,200.00	4,145.23	4,183.57	4,123.60	11.02	11.31	84.93	-335.58	624.23	251.64	229.24	22.40	11.234	
4,300.00	4,243.73	4,283.33	4,221.72	11.29	11.58	85.17	-344.56	639.88	258.42	235.48	22.94	11.266	
4,400.00	4,342.23	4,383.10	4,319.83	11.56	11.86	85.40	-353.54	655.53	265.20	241.72	23.48	11.293	
4,500.00	4,440.72	4,482.86	4,417.95	11.84	12.15	85.62	-362.52	671.18	271.99	247.95	24.04	11.315	
4,600.00	4,539.22	4,582.62	4,516.07	12.12	12.43	85.83	-371.51	686.83	278.78	254.19	24.60	11.334	
4,700.00	4,637.72	4,682.39	4,614.19	12.40	12.72	86.03	-380.49	702.48	285.58	260.42	25.16	11.349	
4,800.00	4,736.22	4,782.15	4,712.31	12.69	13.02	86.21	-389.47	718.13	292.38	266.64	25.74	11.360	
4,900.00	4,834.72	4,881.92	4,810.43	12.97	13.32	86.39	-398.45	733.78	299.18	272.87	26.32	11.369	
5,000.00	4,933.22	4,981.68	4,908.55	13.26	13.61	86.57	-407.43	749.43	305.99	279.09	26.90	11.376	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,031.72	5,081.44	5,006.67	13.56	13.92	86.73	-416.41	765.08	312.80	285.31	27.49	11.380	
5,200.00	5,130.22	5,181.21	5,104.78	13.85	14.22	86.89	-425.39	780.73	319.61	291.53	28.08	11.382	
5,300.00	5,228.72	5,280.97	5,202.90	14.15	14.53	87.04	-434.37	796.38	326.42	297.75	28.68	11.383	
5,400.00	5,327.21	5,380.74	5,301.02	14.45	14.84	87.18	-443.35	812.03	333.24	303.96	29.28	11.382	
5,500.00	5,425.71	5,480.50	5,399.14	14.75	15.15	87.32	-452.33	827.68	340.05	310.17	29.88	11.380	
5,600.00	5,524.21	5,580.26	5,497.26	15.05	15.46	87.46	-461.31	843.33	346.87	316.38	30.49	11.376	
5,700.00	5,622.71	5,680.03	5,595.38	15.36	15.77	87.58	-470.29	858.98	353.69	322.59	31.10	11.372	
5,800.00	5,721.21	5,779.79	5,693.50	15.67	16.09	87.71	-479.28	874.63	360.52	328.80	31.72	11.366	
5,900.00	5,819.71	5,879.56	5,791.62	15.97	16.41	87.83	-488.26	890.28	367.34	335.01	32.34	11.360	
6,000.00	5,918.21	5,979.32	5,889.73	16.28	16.72	87.94	-497.24	905.93	374.17	341.21	32.96	11.353	
6,100.00	6,016.71	6,079.08	5,987.85	16.59	17.04	88.05	-506.22	921.58	380.99	347.41	33.58	11.346	
6,200.00	6,115.21	6,178.85	6,085.97	16.91	17.37	88.16	-515.20	937.23	387.82	353.62	34.21	11.338	
6,300.00	6,213.70	6,278.61	6,184.09	17.22	17.69	88.26	-524.18	952.88	394.65	359.82	34.83	11.330	
6,400.00	6,312.20	6,378.38	6,282.21	17.53	18.01	88.36	-533.16	968.53	401.48	366.02	35.46	11.321	
6,500.00	6,410.70	6,478.14	6,380.33	17.85	18.34	88.46	-542.14	984.18	408.32	372.22	36.10	11.312	
6,600.00	6,509.20	6,577.90	6,478.45	18.17	18.66	88.55	-551.12	999.83	415.15	378.42	36.73	11.302	
6,700.00	6,607.69	6,677.67	6,576.57	18.48	18.99	89.10	-560.10	1,015.48	421.99	384.62	37.37	11.293	
6,800.00	6,704.15	6,786.27	6,681.65	18.86	19.39	92.20	-569.69	1,040.62	428.89	390.73	38.16	11.240	
6,900.00	6,795.38	6,895.90	6,781.87	19.35	19.90	92.97	-578.75	1,083.77	435.29	396.15	39.14	11.122	
7,000.00	6,879.12	7,005.71	6,873.40	19.94	20.52	92.98	-586.94	1,143.64	441.01	400.70	40.31	10.939	
7,100.00	6,953.32	7,115.41	6,953.27	20.64	21.24	92.60	-594.00	1,218.31	445.92	404.22	41.70	10.693	
7,200.00	7,016.16	7,224.69	7,018.99	21.44	22.07	91.98	-599.70	1,305.27	449.92	406.62	43.30	10.391	
7,300.00	7,066.07	7,333.26	7,068.68	22.34	23.00	91.19	-603.89	1,401.55	452.94	407.83	45.11	10.041	
7,400.00	7,101.84	7,440.85	7,101.17	23.34	24.01	90.30	-606.46	1,503.96	454.94	407.83	47.11	9.658	
7,500.00	7,122.58	7,547.27	7,115.98	24.40	25.07	89.33	-607.39	1,609.21	455.92	406.68	49.25	9.258	
7,600.00	7,127.94	7,649.22	7,116.78	25.51	26.15	88.72	-607.05	1,711.14	456.13	404.64	51.49	8.859	
7,700.00	7,127.49	7,749.22	7,116.43	26.66	27.27	88.74	-606.61	1,811.14	456.29	402.47	53.83	8.477	
7,800.00	7,127.05	7,849.22	7,116.08	27.87	28.44	88.75	-606.17	1,911.14	456.46	400.19	56.27	8.112	
7,900.00	7,126.60	7,949.22	7,115.73	29.13	29.67	88.76	-605.72	2,011.14	456.62	397.82	58.80	7.766	
8,000.00	7,126.16	8,049.22	7,115.38	30.43	30.94	88.77	-605.28	2,111.14	456.78	395.37	61.41	7.439	
8,100.00	7,125.71	8,149.22	7,115.03	31.76	32.25	88.79	-604.84	2,211.14	456.95	392.86	64.09	7.130	
8,200.00	7,125.26	8,249.22	7,114.68	33.12	33.59	88.80	-604.40	2,311.13	457.11	390.28	66.82	6.840	
8,300.00	7,124.82	8,349.22	7,114.34	34.52	34.96	88.81	-603.96	2,411.13	457.27	387.66	69.62	6.569	
8,400.00	7,124.37	8,449.22	7,113.99	35.93	36.36	88.82	-603.51	2,511.13	457.44	384.98	72.45	6.313	
8,500.00	7,123.92	8,549.22	7,113.64	37.37	37.78	88.84	-603.07	2,611.13	457.60	382.26	75.34	6.074	
8,600.00	7,123.48	8,649.22	7,113.29	38.82	39.22	88.85	-602.63	2,711.13	457.76	379.51	78.25	5.850	
8,700.00	7,123.03	8,749.22	7,112.94	40.30	40.68	88.86	-602.19	2,811.13	457.93	376.72	81.20	5.639	
8,800.00	7,122.59	8,849.22	7,112.59	41.79	42.15	88.87	-601.75	2,911.12	458.09	373.90	84.18	5.441	
8,900.00	7,122.14	8,949.22	7,112.24	43.29	43.64	88.89	-601.31	3,011.12	458.25	371.06	87.19	5.256	
9,000.00	7,121.69	9,049.22	7,111.89	44.80	45.14	88.90	-600.86	3,111.12	458.42	368.19	90.22	5.081	
9,100.00	7,121.25	9,149.22	7,111.54	46.33	46.66	88.91	-600.42	3,211.12	458.58	365.31	93.27	4.916	
9,200.00	7,120.80	9,249.22	7,111.19	47.86	48.18	88.92	-599.98	3,311.12	458.74	362.40	96.35	4.761	
9,300.00	7,120.35	9,349.22	7,110.84	49.40	49.72	88.94	-599.54	3,411.11	458.91	359.47	99.44	4.615	
9,400.00	7,119.91	9,449.22	7,110.50	50.96	51.26	88.95	-599.10	3,511.11	459.07	356.53	102.54	4.477	
9,500.00	7,119.46	9,549.22	7,110.15	52.52	52.81	88.96	-598.65	3,611.11	459.23	353.57	105.66	4.346	
9,600.00	7,119.02	9,649.22	7,109.80	54.08	54.37	88.97	-598.21	3,711.11	459.40	350.60	108.80	4.223	
9,700.00	7,118.57	9,749.22	7,109.45	55.65	55.94	88.99	-597.77	3,811.11	459.56	347.62	111.94	4.105	
9,800.00	7,118.12	9,849.22	7,109.10	57.23	57.51	89.00	-597.33	3,911.11	459.73	344.63	115.10	3.994	
9,900.00	7,117.68	9,949.22	7,108.75	58.81	59.09	89.01	-596.89	4,011.10	459.89	341.62	118.27	3.889	
10,000.00	7,117.23	10,049.22	7,108.40	60.40	60.67	89.02	-596.44	4,111.10	460.05	338.61	121.44	3.788	
10,100.00	7,116.78	10,149.22	7,108.05	61.99	62.25	89.04	-596.00	4,211.10	460.22	335.59	124.63	3.693	
10,200.00	7,116.34	10,249.22	7,107.70	63.59	63.85	89.05	-595.56	4,311.10	460.38	332.56	127.82	3.602	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
10,300.00	7,115.89	10,349.22	7,107.35	65.19	65.44	89.06	-595.12	4,411.10	460.55	329.52	131.02	3.515	
10,400.00	7,115.44	10,449.22	7,107.00	66.80	67.04	89.07	-594.68	4,511.10	460.71	326.48	134.23	3.432	
10,500.00	7,115.00	10,549.22	7,106.65	68.40	68.64	89.09	-594.23	4,611.09	460.87	323.43	137.45	3.353	
10,600.00	7,114.55	10,649.22	7,106.31	70.01	70.25	89.10	-593.79	4,711.09	461.04	320.37	140.67	3.278	
10,700.00	7,114.11	10,749.22	7,105.96	71.63	71.86	89.11	-593.35	4,811.09	461.20	317.31	143.89	3.205	
10,800.00	7,113.66	10,849.22	7,105.61	73.24	73.47	89.12	-592.91	4,911.09	461.36	314.24	147.12	3.136	
10,900.00	7,113.21	10,949.22	7,105.26	74.86	75.08	89.14	-592.47	5,011.09	461.53	311.17	150.36	3.069	
11,000.00	7,112.77	11,049.22	7,104.91	76.48	76.70	89.15	-592.02	5,111.08	461.69	308.09	153.60	3.006	
11,100.00	7,112.32	11,149.22	7,104.56	78.10	78.32	89.16	-591.58	5,211.08	461.86	305.01	156.85	2.945	
11,200.00	7,111.87	11,249.22	7,104.21	79.73	79.94	89.17	-591.14	5,311.08	462.02	301.92	160.10	2.886	
11,300.00	7,111.43	11,349.22	7,103.86	81.35	81.57	89.19	-590.70	5,411.08	462.18	298.83	163.35	2.829	
11,400.00	7,110.98	11,449.22	7,103.51	82.98	83.19	89.20	-590.26	5,511.08	462.35	295.74	166.61	2.775	
11,500.00	7,110.54	11,549.22	7,103.16	84.61	84.82	89.21	-589.81	5,611.08	462.51	292.64	169.87	2.723	
11,600.00	7,110.09	11,649.22	7,102.81	86.24	86.45	89.22	-589.37	5,711.07	462.68	289.54	173.13	2.672	
11,700.00	7,109.64	11,749.22	7,102.47	87.88	88.08	89.23	-588.93	5,811.07	462.84	286.44	176.40	2.624	
11,800.00	7,109.20	11,849.22	7,102.12	89.51	89.71	89.25	-588.49	5,911.07	463.01	283.34	179.67	2.577	
11,900.00	7,108.75	11,949.22	7,101.77	91.15	91.35	89.26	-588.05	6,011.07	463.17	280.23	182.94	2.532	
12,000.00	7,108.30	12,049.22	7,101.42	92.79	92.98	89.27	-587.60	6,111.07	463.33	277.12	186.22	2.488	
12,100.00	7,107.86	12,149.22	7,101.07	94.42	94.62	89.28	-587.16	6,211.06	463.50	274.00	189.49	2.446	
12,200.00	7,107.41	12,249.21	7,100.72	96.06	96.26	89.30	-586.72	6,311.06	463.66	270.89	192.77	2.405	
12,300.00	7,106.96	12,349.21	7,100.37	97.70	97.89	89.31	-586.28	6,411.06	463.83	267.77	196.06	2.366	
12,400.00	7,106.52	12,449.21	7,100.02	99.35	99.53	89.32	-585.84	6,511.06	463.99	264.65	199.34	2.328	
12,500.00	7,106.07	12,549.21	7,099.67	100.99	101.17	89.33	-585.39	6,611.06	464.16	261.53	202.63	2.291	
12,600.00	7,105.63	12,649.21	7,099.32	102.63	102.82	89.35	-584.95	6,711.06	464.32	258.41	205.91	2.255	
12,700.00	7,105.18	12,749.21	7,098.97	104.28	104.46	89.36	-584.51	6,811.05	464.48	255.28	209.20	2.220	
12,800.00	7,104.73	12,849.21	7,098.62	105.92	106.10	89.37	-584.07	6,911.05	464.65	252.15	212.49	2.187	
12,900.00	7,104.29	12,949.21	7,098.28	107.57	107.75	89.38	-583.63	7,011.05	464.81	249.03	215.79	2.154	
13,000.00	7,103.84	13,049.21	7,097.93	109.22	109.39	89.39	-583.18	7,111.05	464.98	245.90	219.08	2.122	
13,100.00	7,103.39	13,149.21	7,097.58	110.86	111.04	89.41	-582.74	7,211.05	465.14	242.76	222.38	2.092	
13,200.00	7,102.95	13,249.21	7,097.23	112.51	112.69	89.42	-582.30	7,311.05	465.31	239.63	225.68	2.062	
13,300.00	7,102.50	13,349.21	7,096.88	114.16	114.34	89.43	-581.86	7,411.04	465.47	236.50	228.97	2.033	
13,400.00	7,102.06	13,449.21	7,096.53	115.81	115.98	89.44	-581.42	7,511.04	465.63	233.36	232.27	2.005	
13,500.00	7,101.61	13,549.21	7,096.18	117.46	117.63	89.45	-580.98	7,611.04	465.80	230.22	235.58	1.977	
13,600.00	7,101.16	13,649.21	7,095.83	119.11	119.28	89.47	-580.53	7,711.04	465.96	227.09	238.88	1.951	
13,700.00	7,100.72	13,749.21	7,095.48	120.77	120.93	89.48	-580.09	7,811.04	466.13	223.95	242.18	1.925	
13,800.00	7,100.27	13,849.21	7,095.13	122.42	122.59	89.49	-579.65	7,911.03	466.29	220.81	245.49	1.899	
13,900.00	7,099.82	13,949.21	7,094.78	124.07	124.24	89.50	-579.21	8,011.03	466.46	217.66	248.79	1.875	
14,000.00	7,099.38	14,049.21	7,094.44	125.72	125.89	89.52	-578.77	8,111.03	466.62	214.52	252.10	1.851	
14,100.00	7,098.93	14,149.21	7,094.09	127.38	127.54	89.53	-578.32	8,211.03	466.79	211.38	255.41	1.828	
14,200.00	7,098.49	14,249.21	7,093.74	129.03	129.20	89.54	-577.88	8,311.03	466.95	208.24	258.72	1.805	
14,300.00	7,098.04	14,349.21	7,093.39	130.69	130.85	89.55	-577.44	8,411.03	467.12	205.09	262.03	1.783	
14,400.00	7,097.59	14,449.21	7,093.04	132.34	132.50	89.56	-577.00	8,511.02	467.28	201.94	265.34	1.761	
14,500.00	7,097.15	14,549.21	7,092.69	134.00	134.16	89.58	-576.56	8,611.02	467.45	198.80	268.65	1.740	
14,600.00	7,096.70	14,649.21	7,092.34	135.65	135.81	89.59	-576.11	8,711.02	467.61	195.65	271.96	1.719	
14,700.00	7,096.25	14,749.21	7,091.99	137.31	137.47	89.60	-575.67	8,811.02	467.78	192.50	275.27	1.699	
14,800.00	7,095.81	14,849.21	7,091.64	138.97	139.13	89.61	-575.23	8,911.02	467.94	189.35	278.59	1.680	
14,900.00	7,095.36	14,949.21	7,091.29	140.63	140.78	89.62	-574.79	9,011.02	468.10	186.20	281.90	1.661	
15,000.00	7,094.91	15,049.21	7,090.94	142.28	142.44	89.64	-574.35	9,111.01	468.27	183.05	285.22	1.642	
15,100.00	7,094.47	15,149.21	7,090.59	143.94	144.10	89.65	-573.90	9,211.01	468.43	179.90	288.53	1.623	
15,200.00	7,094.02	15,249.21	7,090.25	145.60	145.75	89.66	-573.46	9,311.01	468.60	176.75	291.85	1.606	
15,300.00	7,093.58	15,349.21	7,089.90	147.26	147.41	89.67	-573.02	9,411.01	468.76	173.60	295.17	1.588	
15,400.00	7,093.13	15,449.21	7,089.55	148.92	149.07	89.68	-572.58	9,511.01	468.93	170.44	298.49	1.571	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,500.00	7,092.68	15,549.21	7,089.20	150.58	150.73	89.70	-572.14	9,611.00	469.09	167.29	301.80	1.554	
15,600.00	7,092.24	15,649.21	7,088.85	152.23	152.39	89.71	-571.69	9,711.00	469.26	164.14	305.12	1.538	
15,700.00	7,091.79	15,749.21	7,088.50	153.89	154.05	89.72	-571.25	9,811.00	469.42	160.98	308.44	1.522	
15,800.00	7,091.34	15,849.21	7,088.15	155.55	155.70	89.73	-570.81	9,911.00	469.59	157.83	311.76	1.506	
15,900.00	7,090.90	15,949.21	7,087.80	157.21	157.36	89.74	-570.37	10,011.00	469.75	154.67	315.08	1.491 Level 3	
16,000.00	7,090.45	16,049.21	7,087.45	158.87	159.02	89.76	-569.93	10,111.00	469.92	151.51	318.40	1.476 Level 3	
16,100.00	7,090.01	16,149.21	7,087.10	160.54	160.68	89.77	-569.48	10,210.99	470.08	148.36	321.73	1.461 Level 3	
16,200.00	7,089.56	16,249.21	7,086.75	162.20	162.34	89.78	-569.04	10,310.99	470.25	145.20	325.05	1.447 Level 3	
16,300.00	7,089.11	16,349.21	7,086.41	163.86	164.01	89.79	-568.60	10,410.99	470.41	142.04	328.37	1.433 Level 3	
16,400.00	7,088.67	16,449.21	7,086.06	165.52	165.67	89.80	-568.16	10,510.99	470.58	138.89	331.69	1.419 Level 3	
16,500.00	7,088.22	16,549.21	7,085.71	167.18	167.33	89.82	-567.72	10,610.99	470.74	135.73	335.02	1.405 Level 3	
16,600.00	7,087.77	16,649.21	7,085.36	168.84	168.99	89.83	-567.27	10,710.99	470.91	132.57	338.34	1.392 Level 3	
16,700.00	7,087.33	16,749.21	7,085.01	170.50	170.65	89.84	-566.83	10,810.98	471.08	129.41	341.67	1.379 Level 3	
16,800.00	7,086.88	16,849.21	7,084.66	172.17	172.31	89.85	-566.39	10,910.98	471.24	126.25	344.99	1.366 Level 3	
16,900.00	7,086.43	16,949.21	7,084.31	173.83	173.97	89.86	-565.95	11,010.98	471.41	123.09	348.32	1.353 Level 3	
17,000.00	7,085.99	17,049.21	7,083.96	175.49	175.64	89.87	-565.51	11,110.98	471.57	119.93	351.64	1.341 Level 3	
17,100.00	7,085.54	17,149.21	7,083.61	177.15	177.30	89.89	-565.06	11,210.98	471.74	116.77	354.97	1.329 Level 3	
17,200.00	7,085.10	17,249.21	7,083.26	178.82	178.96	89.90	-564.62	11,310.97	471.90	113.61	358.29	1.317 Level 3	
17,300.00	7,084.65	17,349.21	7,082.91	180.48	180.62	89.91	-564.18	11,410.97	472.07	110.45	361.62	1.305 Level 3	
17,400.00	7,084.20	17,449.21	7,082.56	182.14	182.29	89.92	-563.74	11,510.97	472.23	107.29	364.95	1.294 Level 3	
17,500.00	7,083.76	17,549.21	7,082.22	183.81	183.95	89.93	-563.30	11,610.97	472.40	104.12	368.27	1.283 Level 3	
17,600.00	7,083.31	17,649.21	7,081.87	185.47	185.61	89.95	-562.86	11,710.97	472.56	100.96	371.60	1.272 Level 3	
17,700.00	7,082.86	17,749.20	7,081.52	187.13	187.28	89.96	-562.41	11,810.97	472.73	97.80	374.93	1.261 Level 3	
17,800.00	7,082.42	17,849.20	7,081.17	188.80	188.94	89.97	-561.97	11,910.96	472.89	94.64	378.26	1.250 Level 3	
17,900.00	7,081.97	17,949.20	7,080.82	190.46	190.60	89.98	-561.53	12,010.96	473.06	91.47	381.58	1.240 Level 2	
17,900.03	7,081.97	17,949.24	7,080.82	190.46	190.60	89.98	-561.53	12,010.99	473.06	91.47	381.59	1.240 Level 2, SF	
17,993.68	7,081.55	17,997.31	7,080.65	192.02	191.40	89.99	-561.32	12,059.07	475.40	92.62	382.78	1.242 Level 2	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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	
4,900.00	4,834.72	14,647.11	7,135.69	12.97	226.20	104.47	-1,215.26	708.14	2,482.56	2,349.29	133.27	18.628		
5,000.00	4,933.22	14,666.32	7,136.10	13.26	226.76	103.59	-1,215.31	727.35	2,394.25	2,257.69	136.56	17.532		
5,100.00	5,031.72	14,685.53	7,136.51	13.56	227.33	102.71	-1,215.36	746.55	2,306.73	2,166.65	140.09	16.466		
5,200.00	5,130.22	14,704.74	7,136.92	13.85	227.89	101.81	-1,215.42	765.76	2,220.10	2,076.23	143.87	15.431		
5,300.00	5,228.72	14,723.95	7,137.33	14.15	228.46	100.90	-1,215.47	784.96	2,134.47	1,986.54	147.93	14.429		
5,400.00	5,327.21	14,743.15	7,137.74	14.45	229.02	99.98	-1,215.52	804.17	2,049.96	1,897.67	152.30	13.460		
5,500.00	5,425.71	14,762.36	7,138.15	14.75	229.59	99.05	-1,215.57	823.37	1,966.72	1,809.73	156.99	12.528		
5,600.00	5,524.21	14,781.57	7,138.56	15.05	230.15	98.12	-1,215.62	842.58	1,884.91	1,722.88	162.03	11.633		
5,700.00	5,622.71	14,800.78	7,138.97	15.36	230.72	97.17	-1,215.67	861.78	1,804.73	1,637.29	167.44	10.778		
5,800.00	5,721.21	14,819.99	7,139.38	15.67	231.28	96.22	-1,215.72	880.99	1,726.40	1,553.16	173.24	9.965		
5,900.00	5,819.71	14,839.20	7,139.78	15.97	231.85	95.25	-1,215.77	900.19	1,650.20	1,470.74	179.45	9.196		
6,000.00	5,918.21	14,858.41	7,140.19	16.28	232.41	94.28	-1,215.82	919.40	1,576.42	1,390.35	186.07	8.472		
6,100.00	6,016.71	14,877.62	7,140.60	16.59	232.98	93.31	-1,215.87	938.60	1,505.42	1,312.34	193.09	7.797		
6,200.00	6,115.21	14,903.17	7,141.01	16.91	233.73	92.33	-1,215.93	957.81	1,437.63	1,237.01	200.62	7.166		
6,300.00	6,213.70	14,916.04	7,141.42	17.22	234.11	91.34	-1,215.98	977.01	1,373.50	1,165.33	208.17	6.598		
6,400.00	6,312.20	14,935.25	7,141.83	17.53	234.68	90.34	-1,216.03	996.22	1,313.58	1,097.51	216.07	6.079		
6,500.00	6,410.70	14,954.46	7,142.24	17.85	235.24	89.34	-1,216.08	1,015.42	1,258.47	1,034.43	224.04	5.617		
6,600.00	6,509.20	14,973.67	7,142.65	18.17	235.81	88.34	-1,216.13	1,034.63	1,208.83	976.96	231.87	5.213		
6,700.00	6,607.69	15,007.08	7,143.06	18.48	236.79	88.13	-1,216.18	1,053.87	1,165.36	925.66	239.70	4.862		
6,800.00	6,704.15	15,020.86	7,143.65	18.86	237.19	93.55	-1,216.26	1,081.81	1,129.58	883.36	246.22	4.588		
6,900.00	6,795.38	15,063.47	7,144.56	19.35	238.45	95.26	-1,216.37	1,124.40	1,102.59	850.17	252.43	4.368		
7,000.00	6,879.12	15,119.68	7,145.76	19.94	240.10	95.11	-1,216.52	1,180.60	1,084.08	826.30	257.78	4.206		
7,100.00	6,953.32	15,188.12	7,147.21	20.64	242.12	93.84	-1,216.70	1,249.02	1,072.93	810.63	262.31	4.090		
7,200.00	7,016.16	15,267.09	7,148.90	21.44	244.44	91.98	-1,216.91	1,327.98	1,067.49	801.27	266.22	4.010		
7,300.00	7,066.07	15,354.67	7,150.76	22.34	247.02	90.01	-1,217.14	1,415.54	1,065.87	796.06	269.81	3.950		
7,317.59	7,073.42	15,370.81	7,151.10	22.52	247.50	89.69	-1,217.19	1,431.67	1,065.84	795.40	270.44	3.941 CC		
7,400.00	7,101.84	15,448.68	7,152.76	23.34	249.79	88.36	-1,217.39	1,509.53	1,066.29	792.92	273.37	3.900		
7,500.00	7,122.58	15,546.82	7,154.85	24.40	252.68	87.33	-1,217.65	1,607.65	1,067.36	790.24	277.12	3.852		
7,600.00	7,127.94	15,646.67	7,156.98	25.51	255.62	87.10	-1,217.92	1,707.48	1,068.24	787.11	281.13	3.800		
7,700.00	7,127.49	15,746.64	7,159.11	26.66	258.57	87.24	-1,218.18	1,807.42	1,068.99	783.71	285.28	3.747		
7,800.00	7,127.05	15,846.60	7,161.23	27.87	261.51	87.38	-1,218.45	1,907.36	1,069.74	780.26	289.48	3.695		
7,900.00	7,126.60	15,946.56	7,163.36	29.13	264.46	87.52	-1,218.72	2,007.30	1,070.50	776.78	293.72	3.645		
8,000.00	7,126.16	16,046.53	7,165.49	30.43	267.40	87.66	-1,218.98	2,107.24	1,071.26	773.26	298.00	3.595		
8,100.00	7,125.71	16,146.49	7,167.62	31.76	270.35	87.80	-1,219.25	2,207.18	1,072.03	769.72	302.32	3.546		
8,200.00	7,125.26	16,246.45	7,169.75	33.12	273.30	87.94	-1,219.51	2,307.12	1,072.81	766.15	306.66	3.498		
8,300.00	7,124.82	16,346.42	7,171.88	34.52	276.24	88.08	-1,219.78	2,407.06	1,073.60	762.56	311.04	3.452		
8,400.00	7,124.37	16,446.38	7,174.00	35.93	279.19	88.22	-1,220.04	2,507.00	1,074.38	758.95	315.43	3.406		
8,500.00	7,123.92	16,546.34	7,176.13	37.37	282.14	88.36	-1,220.31	2,606.94	1,075.18	755.34	319.85	3.362		
8,600.00	7,123.48	16,646.30	7,178.26	38.82	285.09	88.50	-1,220.58	2,706.88	1,075.98	751.71	324.28	3.318		
8,700.00	7,123.03	16,746.27	7,180.39	40.30	288.04	88.63	-1,220.84	2,806.82	1,076.79	748.07	328.73	3.276		
8,800.00	7,122.59	16,846.23	7,182.52	41.79	290.98	88.77	-1,221.11	2,906.76	1,077.61	744.42	333.19	3.234		
8,900.00	7,122.14	16,946.19	7,184.65	43.29	293.93	88.91	-1,221.37	3,006.70	1,078.43	740.77	337.66	3.194		
9,000.00	7,121.69	17,046.16	7,186.78	44.80	296.88	89.05	-1,221.64	3,106.64	1,079.25	737.11	342.15	3.154		
9,100.00	7,121.25	17,146.12	7,188.90	46.33	299.83	89.18	-1,221.90	3,206.58	1,080.09	733.45	346.64	3.116		
9,200.00	7,120.80	17,246.08	7,191.03	47.86	302.78	89.32	-1,222.17	3,306.52	1,080.93	729.78	351.14	3.078		
9,300.00	7,120.35	17,346.05	7,193.16	49.40	305.73	89.46	-1,222.44	3,406.46	1,081.77	726.12	355.66	3.042		
9,400.00	7,119.91	17,446.01	7,195.29	50.96	308.68	89.59	-1,222.70	3,506.40	1,082.63	722.45	360.17	3.006		
9,500.00	7,119.46	17,545.97	7,197.42	52.52	311.63	89.73	-1,222.97	3,606.34	1,083.48	718.79	364.70	2.971 ES		
9,600.00	7,119.02	17,573.34	7,198.00	54.08	312.44	89.77	-1,223.04	3,633.70	1,086.78	720.45	366.33	2.967 SF		
9,700.00	7,118.57	17,573.34	7,198.00	55.65	312.44	89.77	-1,223.04	3,633.70	1,098.85	734.53	364.32	3.016		
9,800.00	7,118.12	17,573.34	7,198.00	57.23	312.44	89.77	-1,223.04	3,633.70	1,119.76	760.18	359.58	3.114		
9,900.00	7,117.68	17,573.34	7,198.00	58.81	312.44	89.77	-1,223.04	3,633.70	1,149.03	796.51	352.52	3.259		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,000.00	7,117.23	17,573.34	7,198.00	60.40	312.44	89.77	-1,223.04	3,633.70	1,186.03	842.41	343.62	3.452		
10,100.00	7,116.78	17,573.34	7,198.00	61.99	312.44	89.77	-1,223.04	3,633.70	1,230.06	896.65	333.41	3.689		
10,200.00	7,116.34	17,573.34	7,198.00	63.59	312.44	89.77	-1,223.04	3,633.70	1,280.41	958.04	322.37	3.972		
10,300.00	7,115.89	17,573.34	7,198.00	65.19	312.44	89.77	-1,223.04	3,633.70	1,336.35	1,025.44	310.91	4.298		
10,400.00	7,115.44	17,573.34	7,198.00	66.80	312.44	89.77	-1,223.04	3,633.70	1,397.22	1,097.86	299.37	4.667		
10,500.00	7,115.00	17,573.34	7,198.00	68.40	312.44	89.77	-1,223.04	3,633.70	1,462.41	1,174.43	287.98	5.078		
10,600.00	7,114.55	17,573.34	7,198.00	70.01	312.44	89.77	-1,223.04	3,633.70	1,531.35	1,254.42	276.93	5.530		
10,700.00	7,114.11	17,573.34	7,198.00	71.63	312.44	89.77	-1,223.04	3,633.70	1,603.56	1,337.24	266.32	6.021		
10,800.00	7,113.66	17,573.34	7,198.00	73.24	312.44	89.77	-1,223.04	3,633.70	1,678.63	1,422.41	256.23	6.551		
10,900.00	7,113.21	17,573.34	7,198.00	74.86	312.44	89.77	-1,223.04	3,633.70	1,756.19	1,509.51	246.68	7.119		
11,000.00	7,112.77	17,573.34	7,198.00	76.48	312.44	89.77	-1,223.04	3,633.70	1,835.92	1,598.22	237.70	7.724		
11,100.00	7,112.32	17,573.34	7,198.00	78.10	312.44	89.77	-1,223.04	3,633.70	1,917.55	1,688.29	229.26	8.364		
11,200.00	7,111.87	17,573.34	7,198.00	79.73	312.44	89.77	-1,223.04	3,633.70	2,000.85	1,779.50	221.35	9.039		
11,300.00	7,111.43	17,573.34	7,198.00	81.35	312.44	89.77	-1,223.04	3,633.70	2,085.61	1,871.66	213.95	9.748		
11,400.00	7,110.98	17,573.34	7,198.00	82.98	312.44	89.77	-1,223.04	3,633.70	2,171.68	1,964.64	207.03	10.490		
11,500.00	7,110.54	17,573.34	7,198.00	84.61	312.44	89.77	-1,223.04	3,633.70	2,258.89	2,058.33	200.56	11.263		
11,600.00	7,110.09	17,573.34	7,198.00	86.24	312.44	89.77	-1,223.04	3,633.70	2,347.12	2,152.61	194.51	12.067		
11,700.00	7,109.64	17,573.34	7,198.00	87.88	312.44	89.77	-1,223.04	3,633.70	2,436.26	2,247.42	188.84	12.901		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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		
7,700.00	7,127.49	7,193.54	6,662.46	26.66	57.76	68.86	-1,301.94	3,972.44	2,493.47	2,415.51	77.96	31.985		
7,800.00	7,127.05	7,235.00	6,699.03	27.87	58.13	70.27	-1,291.06	3,988.61	2,409.45	2,330.62	78.84	30.563		
7,900.00	7,126.60	7,235.00	6,699.03	29.13	58.13	70.27	-1,291.06	3,988.61	2,323.92	2,244.62	79.30	29.307		
8,000.00	7,126.16	7,235.00	6,699.03	30.43	58.13	70.27	-1,291.06	3,988.61	2,239.58	2,159.77	79.81	28.060		
8,100.00	7,125.71	7,235.00	6,699.03	31.76	58.13	70.27	-1,291.06	3,988.61	2,156.59	2,076.19	80.39	26.825		
8,200.00	7,125.26	7,235.00	6,699.03	33.12	58.13	70.27	-1,291.06	3,988.61	2,075.09	1,994.05	81.04	25.606		
8,300.00	7,124.82	7,235.00	6,699.03	34.52	58.13	70.27	-1,291.06	3,988.61	1,995.28	1,913.53	81.75	24.408		
8,400.00	7,124.37	7,235.00	6,699.03	35.93	58.13	70.27	-1,291.06	3,988.61	1,917.36	1,834.84	82.52	23.236		
8,500.00	7,123.92	7,235.00	6,699.03	37.37	58.13	70.27	-1,291.06	3,988.61	1,841.57	1,758.23	83.35	22.096		
8,600.00	7,123.48	7,235.00	6,699.03	38.82	58.13	70.27	-1,291.06	3,988.61	1,768.20	1,683.98	84.22	20.995		
8,700.00	7,123.03	7,272.01	6,730.29	40.30	58.52	71.53	-1,281.81	4,006.11	1,696.14	1,610.33	85.81	19.767		
8,800.00	7,122.59	7,287.06	6,742.66	41.79	58.68	72.03	-1,278.13	4,013.84	1,627.20	1,540.13	87.07	18.689		
8,900.00	7,122.14	7,329.00	6,776.00	43.29	59.13	73.43	-1,268.16	4,037.24	1,561.75	1,472.88	88.88	17.572		
9,000.00	7,121.69	7,329.00	6,776.00	44.80	59.13	73.43	-1,268.16	4,037.24	1,498.17	1,408.24	89.93	16.659		
9,100.00	7,121.25	7,359.78	6,799.46	46.33	59.52	74.44	-1,260.73	4,055.74	1,438.34	1,346.67	91.67	15.690		
9,200.00	7,120.80	7,414.07	6,838.96	47.86	60.20	76.16	-1,246.23	4,090.02	1,381.04	1,287.06	93.98	14.695		
9,300.00	7,120.35	7,448.00	6,862.26	49.40	60.67	77.20	-1,236.47	4,112.67	1,326.55	1,230.66	95.88	13.835		
9,400.00	7,119.91	7,480.78	6,883.38	50.96	61.14	78.15	-1,227.03	4,135.89	1,275.88	1,178.14	97.74	13.053		
9,500.00	7,119.46	7,518.00	6,905.59	52.52	61.69	79.18	-1,216.38	4,163.78	1,229.21	1,129.55	99.67	12.333		
9,600.00	7,119.02	7,572.61	6,935.42	54.08	62.56	80.59	-1,200.71	4,206.75	1,186.18	1,084.02	102.15	11.612		
9,700.00	7,118.57	7,612.00	6,955.24	55.65	63.20	81.55	-1,189.31	4,238.81	1,146.46	1,042.40	104.06	11.017		
9,800.00	7,118.12	7,667.02	6,981.27	57.23	64.11	82.86	-1,174.43	4,284.94	1,110.63	1,004.16	106.47	10.432		
9,900.00	7,117.68	7,707.00	6,999.34	58.81	64.78	83.79	-1,165.03	4,319.33	1,079.72	971.56	108.17	9.982		
10,000.00	7,117.23	7,707.00	6,999.34	60.40	64.78	83.79	-1,165.03	4,319.33	1,055.89	948.05	107.84	9.791		
10,100.00	7,116.78	7,765.45	7,021.10	61.99	65.72	84.96	-1,154.92	4,372.54	1,036.06	926.12	109.94	9.424		
10,200.00	7,116.34	7,801.00	7,030.10	63.59	66.30	85.46	-1,151.54	4,406.74	1,024.20	913.55	110.64	9.257		
10,300.00	7,115.89	7,859.78	7,040.90	65.19	67.21	86.06	-1,148.37	4,464.43	1,017.65	905.15	112.51	9.045		
10,400.00	7,115.44	7,928.50	7,050.17	66.80	68.32	86.60	-1,146.34	4,532.48	1,014.37	899.55	114.82	8.835		
10,456.66	7,115.19	7,967.83	7,053.84	67.71	68.97	86.81	-1,145.98	4,571.64	1,013.88	897.76	116.12	8.732 CC		
10,500.00	7,115.00	8,003.58	7,056.24	68.40	69.56	86.96	-1,146.11	4,607.30	1,014.11	896.63	117.48	8.632		
10,600.00	7,114.55	8,102.53	7,062.13	70.01	71.26	87.32	-1,146.62	4,706.08	1,014.91	893.20	121.72	8.338		
10,700.00	7,114.11	8,197.82	7,066.87	71.63	72.99	87.61	-1,147.26	4,801.25	1,015.96	890.17	125.79	8.077		
10,800.00	7,113.66	8,289.54	7,070.71	73.24	74.74	87.86	-1,148.58	4,892.88	1,017.81	888.14	129.67	7.849		
10,900.00	7,113.21	8,388.55	7,073.90	74.86	76.72	88.07	-1,150.30	4,991.82	1,020.03	885.91	134.11	7.606		
11,000.00	7,112.77	8,486.90	7,075.92	76.48	78.78	88.21	-1,152.13	5,090.13	1,022.41	883.86	138.55	7.379		
11,100.00	7,112.32	8,583.78	7,077.59	78.10	80.90	88.33	-1,154.03	5,186.98	1,024.92	881.98	142.94	7.170		
11,200.00	7,111.87	8,675.49	7,078.95	79.73	82.96	88.43	-1,156.43	5,278.64	1,028.08	881.10	146.99	6.994		
11,300.00	7,111.43	8,771.04	7,080.39	81.35	85.18	88.54	-1,159.59	5,374.13	1,031.94	880.60	151.35	6.818		
11,400.00	7,110.98	8,868.77	7,081.46	82.98	87.52	88.63	-1,162.91	5,471.80	1,035.91	880.01	155.90	6.645		
11,500.00	7,110.54	8,960.34	7,081.67	84.61	89.76	88.67	-1,166.59	5,563.30	1,040.52	880.51	160.01	6.503		
11,600.00	7,110.09	9,053.58	7,081.65	86.24	92.10	88.70	-1,171.00	5,656.43	1,045.85	881.58	164.26	6.367		
11,700.00	7,109.64	9,156.67	7,081.37	87.88	94.74	88.72	-1,176.32	5,759.38	1,051.62	882.32	169.30	6.212		
11,800.00	7,109.20	9,287.81	7,080.92	89.51	98.22	88.73	-1,180.72	5,890.44	1,055.61	879.17	176.44	5.983		
11,900.00	7,108.75	9,390.42	7,080.62	91.15	101.03	88.74	-1,182.14	5,993.04	1,057.59	876.12	181.47	5.828		
12,000.00	7,108.30	9,480.75	7,080.19	92.79	103.55	88.74	-1,183.87	6,083.35	1,060.12	874.50	185.62	5.711		
12,100.00	7,107.86	9,575.34	7,078.94	94.42	106.22	88.70	-1,186.42	6,177.90	1,063.44	873.36	190.08	5.595		
12,200.00	7,107.41	9,667.28	7,077.24	96.06	108.83	88.64	-1,189.38	6,269.78	1,067.30	872.95	194.35	5.492		
12,300.00	7,106.96	9,763.63	7,075.51	97.70	111.60	88.57	-1,193.10	6,366.04	1,071.80	872.83	198.97	5.387		
12,400.00	7,106.52	9,878.20	7,073.31	99.35	114.94	88.49	-1,197.02	6,480.53	1,075.88	870.91	204.97	5.249		
12,500.00	7,106.07	10,015.05	7,070.68	100.99	119.02	88.38	-1,197.93	6,617.33	1,077.12	864.61	212.50	5.069		
12,600.00	7,105.63	10,121.38	7,068.98	102.63	122.25	88.32	-1,196.50	6,723.64	1,076.39	858.55	217.85	4.941		
12,700.00	7,105.18	10,218.90	7,068.95	104.28	125.23	88.34	-1,195.30	6,821.15	1,075.76	853.14	222.62	4.832		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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		
12,800.00	7,104.73	10,313.45	7,068.93	105.92	128.14	88.36	-1,194.41	6,915.70	1,075.42	848.21	227.21	4.733		
12,803.92	7,104.72	10,317.08	7,068.92	105.99	128.26	88.36	-1,194.39	6,919.33	1,075.42	848.04	227.38	4.730		
12,900.00	7,104.29	10,406.10	7,068.84	107.57	131.01	88.38	-1,194.15	7,008.35	1,075.74	844.08	231.66	4.644		
13,000.00	7,103.84	10,501.91	7,068.88	109.22	133.99	88.40	-1,194.46	7,104.16	1,076.65	840.31	236.34	4.556		
13,100.00	7,103.39	10,592.38	7,068.60	110.86	136.81	88.41	-1,195.13	7,194.62	1,078.01	837.38	240.63	4.480		
13,200.00	7,102.95	10,679.41	7,068.30	112.51	139.53	88.42	-1,196.82	7,281.64	1,080.55	835.90	244.65	4.417		
13,300.00	7,102.50	10,770.14	7,067.98	114.16	142.37	88.43	-1,199.58	7,372.32	1,084.18	835.25	248.94	4.355		
13,400.00	7,102.06	10,877.56	7,067.67	115.81	145.74	88.44	-1,203.15	7,479.69	1,088.14	833.63	254.51	4.275		
13,500.00	7,101.61	11,018.12	7,067.64	117.46	150.20	88.48	-1,204.60	7,620.23	1,089.84	827.41	262.43	4.153		
13,600.00	7,101.16	11,144.78	7,067.35	119.11	154.28	88.49	-1,200.88	7,746.83	1,087.33	818.18	269.15	4.040		
13,700.00	7,100.72	11,230.84	7,067.19	120.77	157.06	88.50	-1,198.38	7,832.85	1,085.04	811.77	273.26	3.971		
13,800.00	7,100.27	11,317.50	7,067.26	122.42	159.86	88.52	-1,197.12	7,919.50	1,084.16	806.77	277.39	3.908		
13,900.00	7,099.82	11,413.55	7,067.18	124.07	162.97	88.54	-1,196.36	8,015.55	1,083.97	801.82	282.14	3.842		
13,902.66	7,099.81	11,416.10	7,067.17	124.12	163.05	88.54	-1,196.35	8,018.10	1,083.97	801.70	282.27	3.840		
14,000.00	7,099.38	11,508.63	7,066.90	125.72	166.06	88.55	-1,195.97	8,110.63	1,084.15	797.33	286.82	3.780		
14,100.00	7,098.93	11,605.70	7,066.81	127.38	169.21	88.57	-1,196.09	8,207.70	1,084.88	793.23	291.64	3.720		
14,200.00	7,098.49	11,716.45	7,066.69	129.03	172.81	88.59	-1,195.73	8,318.45	1,085.15	787.73	297.42	3.649		
14,300.00	7,098.04	11,828.53	7,066.73	130.69	176.48	88.61	-1,194.09	8,430.52	1,084.29	781.03	303.25	3.576		
14,400.00	7,097.59	11,914.36	7,066.52	132.34	179.29	88.62	-1,192.62	8,516.33	1,083.22	775.89	307.33	3.525		
14,403.71	7,097.58	11,917.18	7,066.51	132.40	179.38	88.62	-1,192.60	8,519.14	1,083.22	775.77	307.45	3.523		
14,500.00	7,097.15	11,987.28	7,066.47	134.00	181.67	88.64	-1,192.96	8,589.25	1,084.31	773.90	310.41	3.493		
14,600.00	7,096.70	12,058.03	7,066.29	135.65	183.98	88.65	-1,195.25	8,659.96	1,088.13	774.99	313.14	3.475		
14,700.00	7,096.25	12,141.22	7,066.08	137.31	186.69	88.66	-1,199.62	8,743.03	1,093.99	777.22	316.77	3.454		
14,800.00	7,095.81	12,238.25	7,065.75	138.97	189.84	88.67	-1,205.61	8,839.88	1,100.77	779.19	321.57	3.423		
14,900.00	7,095.36	12,361.95	7,065.36	140.63	193.88	88.69	-1,211.99	8,963.40	1,106.52	777.88	328.64	3.367		
15,000.00	7,094.91	12,484.36	7,065.21	142.28	197.90	88.72	-1,215.87	9,085.76	1,110.30	774.85	335.45	3.310		
15,100.00	7,094.47	12,601.95	7,065.27	143.94	201.79	88.75	-1,217.28	9,203.33	1,112.07	770.28	341.79	3.254		
15,200.00	7,094.02	12,698.76	7,065.10	145.60	204.99	88.77	-1,217.80	9,300.14	1,113.22	766.60	346.62	3.212		
15,300.00	7,093.58	12,787.03	7,064.90	147.26	207.92	88.78	-1,218.92	9,388.40	1,115.09	764.27	350.82	3.179		
15,400.00	7,093.13	12,878.30	7,064.58	148.92	210.95	88.78	-1,220.99	9,479.65	1,117.96	762.74	355.23	3.147		
15,500.00	7,092.68	12,974.86	7,064.24	150.58	214.15	88.79	-1,223.71	9,576.17	1,121.38	761.35	360.03	3.115		
15,600.00	7,092.24	13,063.24	7,063.94	152.23	217.09	88.80	-1,226.65	9,664.50	1,125.32	761.14	364.18	3.090		
15,700.00	7,091.79	13,174.28	7,063.61	153.89	220.77	88.81	-1,230.84	9,775.46	1,129.74	759.61	370.13	3.052		
15,800.00	7,091.34	13,291.81	7,063.41	155.55	224.68	88.83	-1,233.38	9,892.96	1,132.50	755.99	376.51	3.008		
15,900.00	7,090.90	13,410.93	7,063.32	157.21	228.66	88.86	-1,234.23	10,012.08	1,133.84	750.93	382.91	2.961		
16,000.00	7,090.45	13,536.90	7,062.95	158.87	232.88	88.87	-1,232.29	10,138.02	1,132.87	743.26	389.61	2.908		
16,100.00	7,090.01	13,629.26	7,062.66	160.54	235.98	88.87	-1,229.95	10,230.35	1,130.96	736.75	394.21	2.869		
16,200.00	7,089.56	13,715.47	7,062.47	162.20	238.88	88.88	-1,228.87	10,316.56	1,130.31	731.91	398.40	2.837		
16,206.90	7,089.53	13,721.50	7,062.46	162.31	239.08	88.88	-1,228.83	10,322.59	1,130.30	731.62	398.69	2.835		
16,300.00	7,089.11	13,804.57	7,062.20	163.86	241.87	88.89	-1,228.72	10,405.66	1,130.75	728.02	402.73	2.808		
16,400.00	7,088.67	13,896.90	7,061.98	165.52	244.97	88.90	-1,229.34	10,497.99	1,132.01	724.75	407.26	2.780		
16,500.00	7,088.22	13,995.15	7,061.55	167.18	248.27	88.90	-1,230.44	10,596.23	1,133.74	721.53	412.21	2.750		
16,600.00	7,087.77	14,117.95	7,061.25	168.84	252.40	88.91	-1,230.95	10,719.03	1,134.83	715.98	418.85	2.709		
16,700.00	7,087.33	14,248.40	7,060.79	170.50	256.79	88.92	-1,227.78	10,849.43	1,132.94	707.21	425.74	2.661		
16,800.00	7,086.88	14,347.97	7,060.44	172.17	260.15	88.92	-1,224.08	10,948.93	1,129.84	699.06	430.77	2.623		
16,900.00	7,086.43	14,434.97	7,060.14	173.83	263.08	88.92	-1,221.43	11,035.89	1,127.41	692.31	435.09	2.591		
17,000.00	7,085.99	14,517.88	7,059.85	175.49	265.88	88.93	-1,220.13	11,118.79	1,126.43	687.33	439.10	2.565		
17,100.00	7,085.54	14,616.13	7,059.51	177.15	269.20	88.93	-1,219.27	11,217.03	1,126.16	682.10	444.06	2.536		
17,111.06	7,085.49	14,625.80	7,059.48	177.34	269.52	88.93	-1,219.21	11,226.70	1,126.16	681.63	444.53	2.533		
17,200.00	7,085.10	14,703.70	7,059.39	178.82	272.15	88.94	-1,219.13	11,304.60	1,126.60	678.30	448.29	2.513		
17,300.00	7,084.65	14,794.65	7,059.30	180.48	275.22	88.96	-1,219.86	11,395.55	1,128.00	675.27	452.73	2.492		
17,400.00	7,084.20	14,922.62	7,059.09	182.14	279.54	88.98	-1,219.84	11,523.52	1,128.60	668.88	459.72	2.455		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-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	
17,500.00	7,083.76	15,055.63	7,058.61	183.81	284.04	88.98	-1,216.16	11,656.47	1,126.44	659.75	466.69	2.414	
17,600.00	7,083.31	15,160.76	7,056.87	185.47	287.60	88.92	-1,211.24	11,761.47	1,122.38	650.39	472.00	2.378	
17,700.00	7,082.86	15,268.59	7,054.80	187.13	291.25	88.83	-1,205.81	11,869.14	1,117.98	640.57	477.41	2.342	
17,800.00	7,082.42	15,348.39	7,053.33	188.80	293.95	88.77	-1,202.21	11,948.85	1,114.11	632.67	481.44	2.314	
17,900.00	7,081.97	15,474.86	7,051.23	190.46	298.23	88.68	-1,196.16	12,075.15	1,109.96	622.18	487.79	2.276	
17,993.68	7,081.55	15,550.00	7,049.81	192.02	300.78	88.62	-1,191.80	12,150.15	1,105.24	613.62	491.63	2.248 ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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		
8,000.00	7,126.16	7,200.00	6,757.49	30.43	56.32	76.88	-1,618.31	4,024.46	2,439.98	2,360.75	79.23	30.796		
8,100.00	7,125.71	7,200.00	6,757.49	31.76	56.32	76.88	-1,618.31	4,024.46	2,362.61	2,282.63	79.98	29.540		
8,200.00	7,125.26	7,200.00	6,757.49	33.12	56.32	76.88	-1,618.31	4,024.46	2,286.99	2,206.19	80.80	28.305		
8,300.00	7,124.82	7,238.05	6,790.10	34.52	56.75	78.00	-1,606.45	4,040.06	2,211.95	2,129.73	82.22	26.904		
8,400.00	7,124.37	7,248.94	6,799.25	35.93	56.88	78.31	-1,603.12	4,044.94	2,139.52	2,056.19	83.33	25.675		
8,500.00	7,123.92	7,260.71	6,809.04	37.37	57.01	78.65	-1,599.57	4,050.43	2,069.14	1,984.62	84.52	24.481		
8,600.00	7,123.48	7,300.00	6,840.90	38.82	57.46	79.78	-1,587.99	4,070.27	2,001.65	1,915.49	86.16	23.231		
8,700.00	7,123.03	7,300.00	6,840.90	40.30	57.46	79.78	-1,587.99	4,070.27	1,935.43	1,848.13	87.31	22.168		
8,800.00	7,122.59	7,300.00	6,840.90	41.79	57.46	79.78	-1,587.99	4,070.27	1,872.22	1,783.74	88.48	21.160		
8,900.00	7,122.14	7,300.00	6,840.90	43.29	57.46	79.78	-1,587.99	4,070.27	1,812.32	1,722.66	89.66	20.213		
9,000.00	7,121.69	7,336.62	6,869.39	44.80	57.93	80.82	-1,577.66	4,090.81	1,754.88	1,663.34	91.53	19.172		
9,100.00	7,121.25	7,356.22	6,884.12	46.33	58.18	81.36	-1,572.32	4,102.59	1,701.07	1,607.98	93.10	18.272		
9,200.00	7,120.80	7,400.00	6,915.60	47.86	58.75	82.54	-1,560.92	4,130.79	1,651.24	1,556.12	95.12	17.359		
9,300.00	7,120.35	7,400.00	6,915.60	49.40	58.75	82.54	-1,560.92	4,130.79	1,604.31	1,508.08	96.24	16.671		
9,400.00	7,119.91	7,427.27	6,934.15	50.96	59.13	83.25	-1,554.22	4,149.62	1,561.77	1,463.86	97.91	15.951		
9,500.00	7,119.46	7,455.81	6,952.64	52.52	59.53	83.96	-1,547.54	4,170.30	1,523.34	1,423.80	99.54	15.303		
9,600.00	7,119.02	7,500.00	6,979.31	54.08	60.16	85.01	-1,537.93	4,204.19	1,489.29	1,387.78	101.51	14.671		
9,700.00	7,118.57	7,500.00	6,979.31	55.65	60.16	85.01	-1,537.93	4,204.19	1,459.64	1,357.53	102.11	14.295		
9,800.00	7,118.12	7,559.35	7,011.12	57.23	61.06	86.28	-1,526.51	4,252.94	1,433.72	1,329.25	104.47	13.724		
9,900.00	7,117.68	7,600.00	7,030.09	58.81	61.68	87.05	-1,519.71	4,288.23	1,412.41	1,306.30	106.10	13.312		
10,000.00	7,117.23	7,644.82	7,048.24	60.40	62.39	87.80	-1,513.25	4,328.69	1,395.23	1,287.36	107.87	12.935		
10,100.00	7,116.78	7,700.00	7,066.42	61.99	63.29	88.55	-1,506.82	4,380.37	1,382.07	1,272.14	109.94	12.572		
10,200.00	7,116.34	7,742.79	7,077.25	63.59	63.99	89.01	-1,503.03	4,421.57	1,372.61	1,261.15	111.46	12.315		
10,300.00	7,115.89	7,800.00	7,087.17	65.19	64.95	89.44	-1,499.64	4,477.79	1,366.79	1,253.27	113.52	12.040		
10,400.00	7,115.44	7,849.41	7,091.47	66.80	65.77	89.62	-1,498.27	4,526.98	1,364.39	1,249.23	115.16	11.848		
10,421.18	7,115.35	7,860.95	7,091.90	67.14	65.96	89.65	-1,498.16	4,538.51	1,364.31	1,248.77	115.54	11.808 CC		
10,500.00	7,115.00	7,925.73	7,092.13	68.40	67.06	89.67	-1,498.35	4,603.29	1,364.97	1,246.89	118.08	11.560		
10,600.00	7,114.55	8,025.72	7,092.13	70.01	68.84	89.69	-1,498.78	4,703.28	1,365.99	1,243.72	122.28	11.171		
10,700.00	7,114.11	8,125.71	7,092.13	71.63	70.72	89.71	-1,499.20	4,803.27	1,367.02	1,240.45	126.57	10.800		
10,800.00	7,113.66	8,225.71	7,092.13	73.24	72.71	89.72	-1,499.63	4,903.27	1,368.05	1,237.10	130.95	10.447		
10,900.00	7,113.21	8,325.70	7,092.13	74.86	74.80	89.74	-1,500.05	5,003.26	1,369.08	1,233.68	135.41	10.111		
11,000.00	7,112.77	8,425.69	7,092.13	76.48	76.98	89.76	-1,500.48	5,103.25	1,370.11	1,230.19	139.92	9.792		
11,100.00	7,112.32	8,525.69	7,092.13	78.10	79.26	89.78	-1,500.90	5,203.24	1,371.14	1,226.65	144.50	9.489		
11,200.00	7,111.87	8,625.68	7,092.13	79.73	81.62	89.80	-1,501.33	5,303.24	1,372.17	1,223.06	149.12	9.202		
11,300.00	7,111.43	8,725.68	7,092.13	81.35	84.06	89.82	-1,501.75	5,403.23	1,373.20	1,219.43	153.78	8.930		
11,400.00	7,110.98	8,825.67	7,092.13	82.98	86.57	89.84	-1,502.17	5,503.22	1,374.24	1,215.76	158.48	8.672		
11,500.00	7,110.54	8,925.66	7,092.13	84.61	89.15	89.86	-1,502.60	5,603.22	1,375.27	1,212.06	163.21	8.426		
11,600.00	7,110.09	9,025.66	7,092.13	86.24	91.79	89.87	-1,503.02	5,703.21	1,376.30	1,208.33	167.97	8.194		
11,700.00	7,109.64	9,125.65	7,092.13	87.88	94.49	89.89	-1,503.45	5,803.20	1,377.33	1,204.57	172.76	7.973		
11,800.00	7,109.20	9,225.64	7,092.13	89.51	97.23	89.91	-1,503.87	5,903.19	1,378.36	1,200.79	177.57	7.762		
11,900.00	7,108.75	9,325.64	7,092.13	91.15	100.03	89.93	-1,504.30	6,003.19	1,379.39	1,196.99	182.40	7.562		
12,000.00	7,108.30	9,425.63	7,092.13	92.79	102.87	89.95	-1,504.72	6,103.18	1,380.42	1,193.17	187.25	7.372		
12,100.00	7,107.86	9,525.63	7,092.13	94.42	105.75	89.97	-1,505.15	6,203.17	1,381.45	1,189.34	192.12	7.191		
12,200.00	7,107.41	9,625.62	7,092.13	96.06	108.66	89.99	-1,505.57	6,303.17	1,382.49	1,185.48	197.00	7.018		
12,300.00	7,106.96	9,725.61	7,092.13	97.70	111.61	90.00	-1,505.99	6,403.16	1,383.52	1,181.62	201.90	6.853		
12,400.00	7,106.52	9,825.61	7,092.13	99.35	114.59	90.02	-1,506.42	6,503.15	1,384.55	1,177.74	206.81	6.695		
12,500.00	7,106.07	9,925.60	7,092.13	100.99	117.60	90.04	-1,506.84	6,603.14	1,385.58	1,173.85	211.73	6.544		
12,600.00	7,105.63	10,025.59	7,092.13	102.63	120.64	90.06	-1,507.27	6,703.14	1,386.61	1,169.95	216.66	6.400		
12,700.00	7,105.18	10,125.59	7,092.13	104.28	123.70	90.08	-1,507.69	6,803.13	1,387.65	1,166.04	221.60	6.262		
12,800.00	7,104.73	10,225.58	7,092.13	105.92	126.78	90.10	-1,508.12	6,903.12	1,388.68	1,162.12	226.55	6.130		
12,900.00	7,104.29	10,325.57	7,092.13	107.57	129.88	90.11	-1,508.54	7,003.11	1,389.71	1,158.20	231.51	6.003		
13,000.00	7,103.84	10,425.57	7,092.13	109.22	133.00	90.13	-1,508.97	7,103.11	1,390.74	1,154.26	236.48	5.881		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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	
13,100.00	7,103.39	10,525.56	7,092.13	110.86	136.13	90.15	-1,509.39	7,203.10	1,391.78	1,150.32	241.46	5.764	
13,200.00	7,102.95	10,625.56	7,092.13	112.51	139.29	90.17	-1,509.82	7,303.09	1,392.81	1,146.37	246.44	5.652	
13,300.00	7,102.50	10,725.55	7,092.13	114.16	142.45	90.19	-1,510.24	7,403.09	1,393.84	1,142.42	251.42	5.544	
13,400.00	7,102.06	10,825.54	7,092.13	115.81	145.63	90.21	-1,510.66	7,503.08	1,394.88	1,138.46	256.42	5.440	
13,500.00	7,101.61	10,925.54	7,092.13	117.46	148.83	90.22	-1,511.09	7,603.07	1,395.91	1,134.49	261.42	5.340	
13,600.00	7,101.16	11,025.53	7,092.13	119.11	152.03	90.24	-1,511.51	7,703.06	1,396.94	1,130.53	266.42	5.243	
13,700.00	7,100.72	11,125.52	7,092.13	120.77	155.25	90.26	-1,511.94	7,803.06	1,397.98	1,126.55	271.43	5.150	
13,800.00	7,100.27	11,225.52	7,092.13	122.42	158.48	90.28	-1,512.36	7,903.05	1,399.01	1,122.57	276.44	5.061	
13,900.00	7,099.82	11,325.51	7,092.13	124.07	161.72	90.30	-1,512.79	8,003.04	1,400.05	1,118.59	281.46	4.974	
14,000.00	7,099.38	11,425.50	7,092.13	125.72	164.96	90.31	-1,513.21	8,103.04	1,401.08	1,114.60	286.48	4.891	
14,100.00	7,098.93	11,525.50	7,092.13	127.38	168.22	90.33	-1,513.64	8,203.03	1,402.12	1,110.61	291.50	4.810	
14,200.00	7,098.49	11,625.49	7,092.13	129.03	171.48	90.35	-1,514.06	8,303.02	1,403.15	1,106.62	296.53	4.732	
14,300.00	7,098.04	11,725.49	7,092.13	130.69	174.75	90.37	-1,514.48	8,403.01	1,404.19	1,102.63	301.56	4.656	
14,400.00	7,097.59	11,825.48	7,092.13	132.34	178.03	90.39	-1,514.91	8,503.01	1,405.22	1,098.63	306.59	4.583	
14,500.00	7,097.15	11,925.47	7,092.13	134.00	181.32	90.40	-1,515.33	8,603.00	1,406.25	1,094.62	311.63	4.513	
14,600.00	7,096.70	12,025.47	7,092.13	135.65	184.61	90.42	-1,515.76	8,702.99	1,407.29	1,090.62	316.67	4.444	
14,700.00	7,096.25	12,125.46	7,092.13	137.31	187.90	90.44	-1,516.18	8,802.98	1,408.33	1,086.61	321.71	4.378	
14,800.00	7,095.81	12,225.45	7,092.13	138.97	191.20	90.46	-1,516.61	8,902.98	1,409.36	1,082.60	326.76	4.313	
14,900.00	7,095.36	12,325.45	7,092.13	140.63	194.51	90.48	-1,517.03	9,002.97	1,410.40	1,078.59	331.80	4.251	
15,000.00	7,094.91	12,425.44	7,092.13	142.28	197.82	90.49	-1,517.46	9,102.96	1,411.43	1,074.58	336.85	4.190	
15,100.00	7,094.47	12,525.44	7,092.13	143.94	201.14	90.51	-1,517.88	9,202.96	1,412.47	1,070.56	341.90	4.131	
15,200.00	7,094.02	12,625.43	7,092.13	145.60	204.46	90.53	-1,518.31	9,302.95	1,413.50	1,066.55	346.96	4.074	
15,300.00	7,093.58	12,725.42	7,092.13	147.26	207.79	90.55	-1,518.73	9,402.94	1,414.54	1,062.53	352.01	4.018	
15,400.00	7,093.13	12,825.42	7,092.13	148.92	211.12	90.56	-1,519.15	9,502.93	1,415.58	1,058.51	357.07	3.964	
15,500.00	7,092.68	12,925.41	7,092.13	150.58	214.45	90.58	-1,519.58	9,602.93	1,416.61	1,054.49	362.13	3.912	
15,600.00	7,092.24	13,025.40	7,092.13	152.23	217.79	90.60	-1,520.00	9,702.92	1,417.65	1,050.46	367.19	3.861	
15,700.00	7,091.79	13,125.40	7,092.13	153.89	221.13	90.62	-1,520.43	9,802.91	1,418.69	1,046.44	372.25	3.811	
15,800.00	7,091.34	13,225.39	7,092.13	155.55	224.47	90.63	-1,520.85	9,902.91	1,419.72	1,042.41	377.31	3.763	
15,900.00	7,090.90	13,325.38	7,092.13	157.21	227.82	90.65	-1,521.28	10,002.90	1,420.76	1,038.38	382.38	3.716	
16,000.00	7,090.45	13,425.38	7,092.13	158.87	231.17	90.67	-1,521.70	10,102.89	1,421.80	1,034.35	387.44	3.670	
16,100.00	7,090.01	13,525.37	7,092.13	160.54	234.53	90.69	-1,522.13	10,202.88	1,422.83	1,030.32	392.51	3.625	
16,200.00	7,089.56	13,625.37	7,092.13	162.20	237.88	90.70	-1,522.55	10,302.88	1,423.87	1,026.29	397.58	3.581	
16,300.00	7,089.11	13,725.36	7,092.13	163.86	241.24	90.72	-1,522.97	10,402.87	1,424.91	1,022.26	402.65	3.539	
16,400.00	7,088.67	13,825.35	7,092.13	165.52	244.60	90.74	-1,523.40	10,502.86	1,425.95	1,018.23	407.72	3.497	
16,500.00	7,088.22	13,925.35	7,092.13	167.18	247.96	90.76	-1,523.82	10,602.85	1,426.98	1,014.19	412.79	3.457	
16,600.00	7,087.77	14,025.34	7,092.13	168.84	251.33	90.77	-1,524.25	10,702.85	1,428.02	1,010.16	417.86	3.417	
16,700.00	7,087.33	14,125.33	7,092.13	170.50	254.70	90.79	-1,524.67	10,802.84	1,429.06	1,006.12	422.94	3.379	
16,800.00	7,086.88	14,225.33	7,092.13	172.17	258.07	90.81	-1,525.10	10,902.83	1,430.10	1,002.09	428.01	3.341	
16,900.00	7,086.43	14,325.32	7,092.13	173.83	261.44	90.83	-1,525.52	11,002.83	1,431.14	998.05	433.09	3.304	
17,000.00	7,085.99	14,425.32	7,092.13	175.49	264.81	90.84	-1,525.95	11,102.82	1,432.17	994.01	438.16	3.269	
17,100.00	7,085.54	14,525.31	7,092.13	177.15	268.19	90.86	-1,526.37	11,202.81	1,433.21	989.97	443.24	3.233	
17,200.00	7,085.10	14,625.30	7,092.13	178.82	271.57	90.88	-1,526.80	11,302.80	1,434.25	985.93	448.32	3.199	
17,300.00	7,084.65	14,725.30	7,092.13	180.48	274.94	90.89	-1,527.22	11,402.80	1,435.29	981.89	453.40	3.166	
17,400.00	7,084.20	14,825.29	7,092.13	182.14	278.33	90.91	-1,527.64	11,502.79	1,436.33	977.85	458.48	3.133	
17,500.00	7,083.76	14,925.28	7,092.13	183.81	281.71	90.93	-1,528.07	11,602.78	1,437.37	973.81	463.56	3.101	
17,600.00	7,083.31	15,025.28	7,092.13	185.47	285.09	90.95	-1,528.49	11,702.78	1,438.41	969.77	468.64	3.069	
17,700.00	7,082.86	15,125.27	7,092.13	187.13	288.48	90.96	-1,528.92	11,802.77	1,439.45	965.72	473.72	3.039	
17,800.00	7,082.42	15,225.26	7,092.13	188.80	291.86	90.98	-1,529.34	11,902.76	1,440.48	961.68	478.81	3.008	
17,900.00	7,081.97	15,325.26	7,092.13	190.46	295.25	91.00	-1,529.77	12,002.75	1,441.52	957.64	483.89	2.979	
17,993.68	7,081.55	15,418.93	7,092.13	192.02	298.43	91.01	-1,530.16	12,096.43	1,442.50	953.85	488.65	2.952 ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Offset Depths are relative to Offset Datum

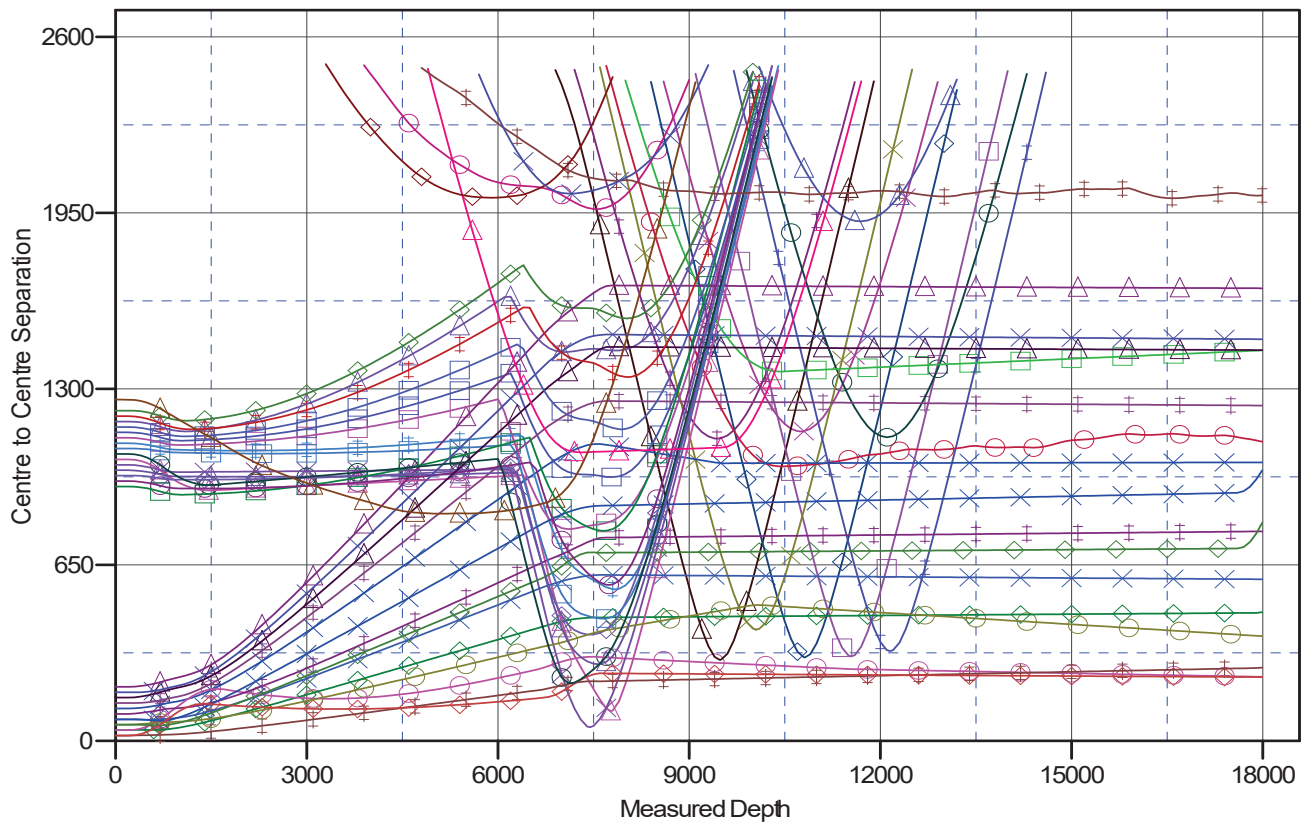
Central Meridian is -105.500000

Coordinates are relative to: VOLT 14N-3B-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

Ladder Plot



LEGEND

DUKE-J4-12, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T22N8AL, Wellbore#1, Design#1 V0	VOLT-34N6AM, Wellbore#1, Design#1 V0
Duke USX05-16, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T12N8AM, Wellbore#1, Design#1 V0	VOLT-34G6-M, Wellbore#1, Design#1 V0
DUKE-USX05-9, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T10G3-L, Wellbore#1, Design#1 V0	VOLT-14G3-L, Wellbore#1, Design#1 V0
DUKE-J4-13, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T13N6AM, Wellbore#1, Design#1 V0	VOLT-T25N8AL, Wellbore#1, Design#1 V0
DUKE-J4-25, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T32N6AM, Wellbore#1, Design#1 V0	VOLT-T25G3-L, Wellbore#1, Design#1 V0
DUKE-J4-11, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T25N6GL, Wellbore#1, Design#1 V0	VOLT-T32G6-M, Wellbore#1, Design#1 V0
DUKE-J4-33, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T34N6AM, Wellbore#1, Design#1 V0	VOLT-T12N6AM, Wellbore#1, Design#1 V0
SRQNorthridge 4KD, SRQPRWell, Actual VES Surveys V0	VOLT-T14N6GL, Wellbore#1, Design#1 V0	VOLT-T33N6AM, Wellbore#1, Design#1 V0
DUKE-J4-14, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT-T33N6AM, Wellbore#1, Design#1 V0	BOSTFARM26N8BL, Wellbore#1, Design#1 V0
TCMOISERHILL 2-9-11, XOGPRWell, Actual Total Surveys V0	VOLT-T32N6BL, Wellbore#1, Design#1 V0	WEEDMAN25-5, Noble Energy PRWell, Actual CoreTech Surveys (Grid to True) V0
TCMOISERHILL 3-9-11, Extradon PRWell (Plan Only), Planned Extradon Surveys V0	VOLT-T32N6AM, Wellbore#1, Design#1 V0	BOOMERANG28C3-L, SRQPRWell, Actual BH Surveys V0
VOLT-T36N8L, Wellbore#1, Design#1 V0	VOLT-T23N6GL, Wellbore#1, Design#1 V0	WEEDMAN22-5, Noble Energy PRWell, Actual CoreTech Surveys (Grid to True) V0
VOLT-T11N6GL, Wellbore#1, Design#1 V0	VOLT-T36G3-L, Wellbore#1, Design#1 V0	BOOMERANG34N-6C-M, SRQPRWell, Actual BH Surveys V0
VOLT-T33G6-M, Wellbore#1, Design#1 V0	VOLT-T38N6AL, Wellbore#1, Design#1 V0	PSCJ54-1, Noble Energy SRWell, Actual VES Surveys (Grid to True) V0
VOLT-T13G6-M, Wellbore#1, Design#1 V0	VOLT-T11N6BL, Wellbore#1, Design#1 V0	
VOLT-T12N6AM, Wellbore#1, Design#1 V0	VOLT-T13N6AM, Wellbore#1, Design#1 V0	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 14N-3B-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4818.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 14N-3B-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Offset Depths are relative to Offset Datum

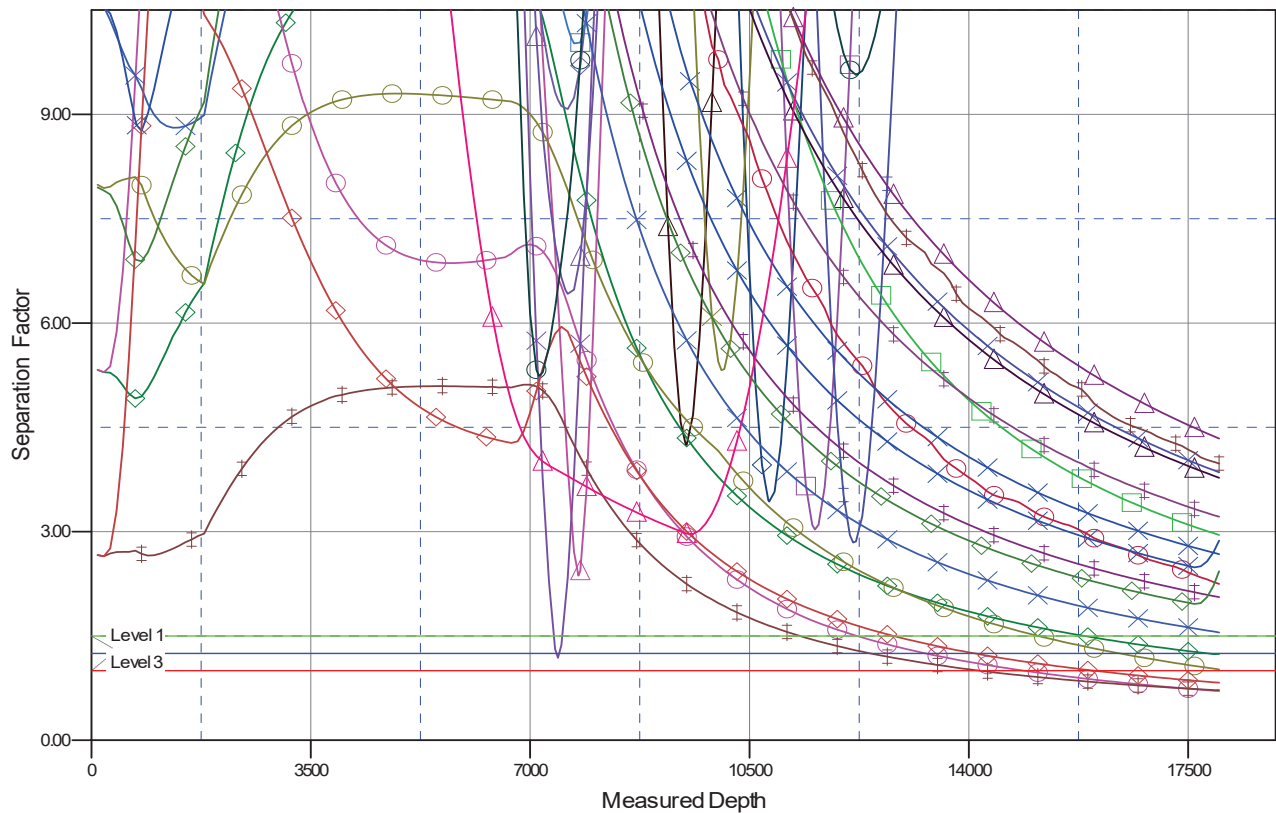
Central Meridian is -105.500000

Coordinates are relative to: VOLT 14N-3B-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

Separation Factor Plot



LEGEND

DUKE J4-12, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T23N84L, Wellbore #1, Design #1 V0	VOLT 34N6CM, Wellbore #1, Design #1 V0
Duke USX05-16, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T12N68M, Wellbore #1, Design #1 V0	VOLT 34G6-M, Wellbore #1, Design #1 V0
DUKE USX05-9, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T11G3-L, Wellbore #1, Design #1 V0	VOLT 14G3-L, Wellbore #1, Design #1 V0
DUKE J4-13, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T13N68M, Wellbore #1, Design #1 V0	VOLT T25N84L, Wellbore #1, Design #1 V0
DUKE J4-25, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T32N68M, Wellbore #1, Design #1 V0	VOLT 25G3-L, Wellbore #1, Design #1 V0
DUKE J4-11, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T25N6CL, Wellbore #1, Design #1 V0	VOLT 32G6-M, Wellbore #1, Design #1 V0
DUKE J4-33, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T34N68M, Wellbore #1, Design #1 V0	VOLT 12N6CM, Wellbore #1, Design #1 V0
SRC Northridge 4KD, SRQPRWell, Actual VES Surveys V0	VOLT T14N6CL, Wellbore #1, Design #1 V0	VOLT T33N6AM, Wellbore #1, Design #1 V0
DUKE J4-14, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT T33N6CM, Wellbore #1, Design #1 V0	BOSTFARM26N-8B-L, Wellbore #1, Design #1 V0
TCMOISRHILL 2-9-11 XOGPRWell, Actual Total Surveys V0	VOLT T32N6BL, Wellbore #1, Design #1 V0	WEEDEMAN25-5, Noble Energy PRWell, Actual Coretech Surveys (Grid to True) V0
TCMOISRHILL 3-9-11 Etadon PRWell (Plan Only, Planned Etadon Survey) V0	VOLT T32N6AM, Wellbore #1, Design #1 V0	BOOMERANG28C-3-L, SRC Energy PRWell, Actual BH Surveys V0
VOLT 36N8BL, Wellbore #1, Design #1 V0	VOLT T23N6CL, Wellbore #1, Design #1 V0	WEEDEMAN22-5, Noble Energy PRWell, Actual Coretech Surveys (Grid to True) V0
VOLT T11N6CL, Wellbore #1, Design #1 V0	VOLT T36G3-L, Wellbore #1, Design #1 V0	BOOMERANG34N-8CM, SRQPRWell, Actual BH Surveys V0
VOLT T35G6-M, Wellbore #1, Design #1 V0	VOLT T35N84L, Wellbore #1, Design #1 V0	PSCJ5-11, Noble Energy SRWell, Actual VES Surveys (Grid to True) V0
VOLT T13G6-M, Wellbore #1, Design #1 V0	VOLT T11N6BL, Wellbore #1, Design #1 V0	
VOLT T12N6AM, Wellbore #1, Design #1 V0	VOLT T13N6CM, Wellbore #1, Design #1 V0	