

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
5N-66W-05 VOLT 19-5 PAD
VOLT 34C-6-M**

**Wellbore #1
Design #1**

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	11/18/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	15,577.13	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B						Out of range
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,544.65	15,570.00	2,478.93	2,093.33	6.429	CC
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,578.05	15,570.00	2,479.15	2,093.22	6.424	ES, SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	196.00	179.01	607.64	600.25	82.255	CC
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	200.00	182.70	607.64	600.25	82.233	ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	8,600.00	7,206.45	1,559.56	1,517.82	37.363	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret						Out of range
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	5,390.93	5,900.00	2,390.91	2,354.87	66.330	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	6,300.00	6,488.52	2,455.73	2,416.78	63.051	SF
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	1,342.15	1,537.89	1,041.51	1,029.99	90.391	CC
VOLT 11C-3-L - Wellbore #1 - Design #1	1,500.00	1,707.26	1,041.96	1,029.52	83.772	ES
VOLT 11C-3-L - Wellbore #1 - Design #1	7,200.00	7,886.85	1,326.17	1,278.71	27.942	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	1,177.39	1,389.48	1,076.05	1,065.00	97.398	CC
VOLT 11N-3B-L - Wellbore #1 - Design #1	1,300.00	1,507.42	1,076.57	1,064.79	91.408	ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,000.00	7,833.00	1,821.40	1,772.01	36.876	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	1,163.22	1,367.34	1,062.55	1,051.74	98.295	CC
VOLT 11N-3C-L - Wellbore #1 - Design #1	1,300.00	1,500.25	1,063.11	1,051.53	91.813	ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,100.00	7,926.75	1,664.28	1,614.93	33.720	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	359.18	354.09	160.08	152.35	20.729	CC
VOLT 12N-6A-M - Wellbore #1 - Design #1	400.00	392.96	160.09	152.32	20.600	ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	15,578.05	15,361.47	1,459.84	1,188.29	5.376	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	505.33	493.48	179.46	171.53	22.624	CC, ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	15,578.05	15,537.45	1,648.26	1,374.30	6.016	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	595.42	577.89	198.48	190.37	24.482	CC
VOLT 12N-6C-M - Wellbore #1 - Design #1	600.00	582.18	198.48	190.36	24.454	ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	15,578.05	15,641.78	1,892.46	1,617.41	6.880	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	864.12	859.04	43.84	34.86	4.880	CC, ES
VOLT 13C-6-M - Wellbore #1 - Design #1	15,578.05	15,622.63	796.28	522.95	2.913	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	539.01	533.96	58.48	50.49	7.321	CC, ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	15,578.05	15,428.56	648.71	381.20	2.425	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	283.89	283.45	39.76	32.12	5.203	CC, ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	15,578.05	15,479.02	412.59	143.54	1.534	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	7,300.00	7,865.32	772.17	725.81	16.657	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	7,472.09	7,720.44	766.25	721.02	16.941	CC, ES

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
5N-66W-05 VOLT 19-5 PAD						
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,200.00	7,749.60	576.18	529.58	12.364	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,213.13	7,741.69	576.09	529.54	12.377	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,300.00	7,778.49	376.98	331.14	8.225	SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,337.44	7,751.06	376.10	330.41	8.232	CC, ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,019.96	7,719.01	834.65	785.69	17.050	CC, ES, SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	1,323.88	1,512.82	1,002.45	991.00	87.587	CC
VOLT 23N-3B-L - Wellbore #1 - Design #1	1,500.00	1,686.16	1,002.93	990.53	80.847	ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,100.00	7,780.64	1,185.43	1,137.60	24.788	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,200.00	7,762.34	986.57	940.08	21.220	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,300.03	7,703.46	984.13	938.15	21.403	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	1,193.55	1,413.16	1,115.58	1,104.48	100.492	CC
VOLT 25C-3-L - Wellbore #1 - Design #1	1,300.00	1,514.71	1,116.04	1,104.29	95.003	ES
VOLT 25C-3-L - Wellbore #1 - Design #1	7,000.00	8,004.21	2,036.30	1,986.48	40.876	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	1,207.15	1,435.45	1,114.24	1,102.77	97.145	CC
VOLT 25N-3A-L - Wellbore #1 - Design #1	1,300.00	1,523.63	1,114.62	1,102.55	92.340	ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	6,900.00	7,754.82	2,041.76	1,991.43	40.569	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	1,207.09	1,440.41	1,152.20	1,140.80	101.062	CC
VOLT 25N-3C-L - Wellbore #1 - Design #1	1,300.00	1,527.93	1,152.62	1,140.61	95.974	ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,400.00	7,334.72	2,254.87	2,209.31	49.493	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	779.76	751.01	230.43	221.85	26.850	CC
VOLT 32C-6-M - Wellbore #1 - Design #1	800.00	769.51	230.48	221.83	26.670	ES
VOLT 32C-6-M - Wellbore #1 - Design #1	15,578.05	15,757.47	2,065.61	1,789.63	7.485	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	606.87	587.15	219.18	211.05	26.946	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	15,578.05	15,512.98	2,067.80	1,793.37	7.535	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	629.58	605.78	260.03	251.84	31.764	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	15,578.05	15,675.25	2,256.56	1,980.49	8.174	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	285.18	283.65	139.70	132.06	18.276	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	15,578.05	15,651.61	1,225.00	950.72	4.466	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	927.69	920.19	56.26	47.04	6.100	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	15,578.05	15,296.91	881.11	616.98	3.336	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	200.00	200.00	120.00	112.42	15.843	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	15,578.05	15,529.28	1,026.52	753.78	3.764	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	200.00	200.00	20.05	12.47	2.647	CC, ES
VOLT 34N-6B-M - Wellbore #1 - Design #1	15,578.05	15,387.90	254.60	18.34	1.078	Level 2, SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	200.00	200.00	20.05	12.47	2.647	CC
VOLT 34N-6C-M - Wellbore #1 - Design #1	300.00	300.28	20.07	12.42	2.621	ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	15,578.05	15,465.11	264.04	23.01	1.095	Level 2, SF
VOLT 36C-3-L - Wellbore #1 - Design #1	7,679.76	7,629.78	68.54	25.14	1.579	CC, ES, SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	7,166.75	7,774.51	292.46	245.01	6.163	CC, ES, SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,266.57	7,757.48	121.64	75.31	2.625	CC, ES, SF
5N-66W-06 Offsets Incomplete						
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	15,013.88	7,123.07	352.33	206.18	2.411	CC, ES, SF
SOUTH 6-21D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,650.38	7,254.78	1,721.62	1,600.77	14.246	CC, ES
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,800.00	7,252.06	1,728.10	1,605.51	14.096	SF
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,738.21	7,598.65	391.78	266.69	3.132	CC, ES, SF
WILKEN 15-6 - PDC SI Well - No Surveys	12,305.67	7,208.62	291.78	-44.48	0.868	Level 1, CC, ES, SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,300.00	15,735.84	490.62	214.46	1.777	ES, SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	15,489.38	7,604.87	444.78	286.55	2.811	CC

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Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	6,785.39	7,070.75	2,072.99	1,998.58	27.860	CC, ES
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	6,800.00	7,076.90	2,073.18	1,998.71	27.838	SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	6,818.76	7,069.91	2,231.86	2,159.10	30.673	CC, ES
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	6,900.00	7,100.00	2,237.45	2,164.30	30.590	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	15,578.05	7,420.64	160.12	6.71	1.044	Level 2, CC, ES, SF
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,578.05	7,293.77	156.54	67.54	1.759	CC, ES, SF
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,417.95	7,193.69	1,329.38	1,178.19	8.793	CC
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,500.00	7,237.47	1,330.81	1,178.07	8.713	ES
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,578.05	7,285.51	1,334.65	1,180.45	8.655	SF
GREELEY-ROTHER FEDERAL 12N-2A-L - SRC Energy P	15,578.05	7,292.34	1,551.26	1,395.04	9.930	CC, ES, SF
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,203.60	6,747.03	1,777.35	1,633.87	12.387	CC, ES
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,578.05	7,316.59	1,808.03	1,651.31	11.537	SF
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,578.05	7,384.58	692.00	536.44	4.449	CC, ES, SF
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,578.05	7,235.97	513.68	365.10	3.457	CC, ES, SF
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,578.05	7,371.73	281.57	136.12	1.936	CC, ES, SF
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,183.38	6,713.00	2,154.62	2,010.14	14.912	CC
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,200.00	6,713.00	2,154.69	2,009.99	14.891	ES
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,578.05	7,410.95	2,170.06	2,013.94	13.901	SF
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,246.36	6,899.00	1,961.00	1,813.89	13.330	CC, ES
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,500.00	6,949.25	1,975.78	1,825.66	13.161	SF
GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy P	15,578.05	7,187.39	946.33	793.64	6.198	CC, ES, SF
GREELEY-ROTHER FEDERAL 33N-2C-L - SRC Energy P	15,578.05	7,366.00	1,103.83	947.90	7.079	CC, ES, SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range

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				Separation Factor	Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			Minimum Separation (usft)	
15,200.00	7,075.79	15,416.89	6,954.35	129.60	244.71	87.99	1,709.29	-7,208.44	2,498.60	2,124.23	374.38	6.674		
15,300.00	7,072.62	15,570.00	6,953.51	131.25	250.11	88.07	1,696.56	-7,361.01	2,490.97	2,109.94	381.03	6.537		
15,400.00	7,069.45	15,570.00	6,953.51	132.90	250.11	88.07	1,696.56	-7,361.01	2,483.15	2,099.81	383.33	6.478		
15,500.00	7,066.27	15,570.00	6,953.51	134.55	250.11	88.07	1,696.56	-7,361.01	2,479.33	2,094.29	385.04	6.439		
15,544.65	7,064.86	15,570.00	6,953.51	135.30	250.11	88.07	1,696.56	-7,361.01	2,478.93	2,093.33	385.60	6.429	CC	
15,578.05	7,063.80	15,570.00	6,953.51	135.85	250.11	88.07	1,696.56	-7,361.01	2,479.15	2,093.22	385.94	6.424	ES, SF	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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	14.95	587.98	157.02	608.83					
100.00	100.00	88.74	88.74	3.28	3.28	14.95	587.57	156.93	608.20	600.84	7.36	82.685		
196.00	196.00	179.01	179.00	3.30	3.29	14.94	587.09	156.67	607.64	600.25	7.39	82.255 CC		
200.00	200.00	182.70	182.70	3.31	3.29	14.94	587.10	156.65	607.64	600.25	7.39	82.233 ES		
300.00	300.00	280.82	280.82	3.35	3.32	-108.32	587.45	156.43	608.07	600.61	7.46	81.550		
400.00	399.93	380.10	380.09	3.41	3.36	-108.62	587.90	156.34	609.58	602.03	7.55	80.714		
500.00	499.68	479.53	479.52	3.49	3.41	-109.23	588.51	155.95	612.35	604.66	7.69	79.670		
600.00	599.13	581.12	581.11	3.60	3.47	-110.14	588.99	155.60	616.27	608.41	7.86	78.397		
700.00	698.15	676.84	676.82	3.74	3.55	-111.26	589.46	154.95	621.58	613.50	8.08	76.976		
800.00	796.63	774.64	774.62	3.93	3.63	-112.59	590.31	154.82	628.98	620.64	8.34	75.441		
900.00	894.68	872.83	872.81	4.15	3.73	-114.23	591.15	154.36	637.70	629.05	8.64	73.771		
1,000.00	992.71	968.91	968.87	4.40	3.83	-115.86	592.12	153.41	647.06	638.08	8.98	72.045		
1,100.00	1,090.75	1,064.50	1,064.45	4.68	3.94	-117.43	593.40	152.54	657.30	647.95	9.35	70.335		
1,200.00	1,188.79	1,159.72	1,159.65	4.98	4.06	-118.97	595.01	151.56	668.39	658.65	9.73	68.685		
1,300.00	1,286.83	1,258.82	1,258.73	5.30	4.19	-120.47	596.87	150.99	680.17	670.03	10.14	67.070		
1,400.00	1,384.86	1,355.25	1,355.15	5.63	4.33	-121.94	598.41	149.83	692.12	681.56	10.56	65.528		
1,500.00	1,482.90	1,451.99	1,451.86	5.98	4.47	-123.32	600.40	149.22	704.96	693.97	11.00	64.106		
1,600.00	1,580.94	1,553.97	1,553.82	6.33	4.62	-124.77	602.15	148.01	717.92	706.47	11.45	62.700		
1,700.00	1,678.98	1,658.79	1,658.62	6.69	4.78	-126.24	603.08	146.32	730.49	718.57	11.92	61.307		
1,800.00	1,777.01	1,757.25	1,757.06	7.06	4.94	-127.62	603.15	144.13	742.72	730.35	12.37	60.018		
1,900.00	1,875.05	1,848.73	1,848.52	7.27	5.09	-128.87	603.63	141.98	755.85	743.38	12.47	60.610		
2,000.00	1,973.09	1,940.57	1,940.31	7.31	5.24	-130.08	604.98	139.78	770.28	757.64	12.63	60.965		
2,100.00	2,071.13	2,035.40	2,035.11	7.38	5.41	-131.29	606.79	137.52	785.51	772.68	12.82	61.250		
2,200.00	2,169.16	2,130.23	2,129.89	7.46	5.57	-132.41	609.00	135.75	801.41	788.38	13.03	61.484		
2,300.00	2,267.20	2,226.75	2,226.36	7.56	5.74	-133.46	611.63	134.50	817.89	804.63	13.27	61.647		
2,400.00	2,365.24	2,325.83	2,325.41	7.67	5.92	-134.44	614.34	134.10	834.48	820.95	13.52	61.702		
2,500.00	2,463.28	2,421.28	2,420.81	7.80	6.09	-135.31	617.16	134.12	851.40	837.61	13.79	61.737		
2,600.00	2,561.31	2,517.84	2,517.33	7.95	6.27	-136.22	620.02	133.38	868.70	854.63	14.07	61.724		
2,700.00	2,659.35	2,614.80	2,614.24	8.11	6.45	-137.06	623.06	133.07	886.28	871.90	14.37	61.660		
2,800.00	2,757.39	2,708.98	2,708.37	8.28	6.63	-137.84	626.27	132.81	904.28	889.60	14.68	61.595		
2,900.00	2,855.43	2,804.47	2,803.79	8.47	6.81	-138.62	629.72	132.20	922.74	907.74	15.00	61.499		
3,000.00	2,953.46	2,900.99	2,900.24	8.66	6.99	-139.40	633.24	131.19	941.52	926.18	15.34	61.372		
3,100.00	3,051.50	2,994.20	2,993.37	8.87	7.17	-140.15	636.72	129.63	960.74	945.06	15.68	61.267		
3,200.00	3,149.54	3,087.40	3,086.47	9.09	7.36	-140.91	640.44	127.53	980.53	964.50	16.03	61.166		
3,300.00	3,247.58	3,181.99	3,180.94	9.32	7.54	-141.66	644.42	125.05	1,000.83	984.44	16.39	61.052		
3,400.00	3,345.61	3,276.50	3,275.33	9.55	7.73	-142.36	648.71	122.76	1,021.53	1,004.76	16.77	60.932		
3,500.00	3,443.65	3,375.05	3,373.74	9.80	7.92	-143.07	653.26	120.32	1,042.47	1,025.31	17.16	60.764		
3,600.00	3,541.69	3,477.10	3,475.67	10.05	8.12	-143.83	657.33	117.06	1,063.24	1,045.67	17.56	60.541		
3,700.00	3,639.73	3,581.23	3,579.69	10.31	8.33	-144.55	661.04	114.28	1,083.59	1,065.61	17.98	60.259		
3,800.00	3,737.76	3,678.37	3,676.75	10.57	8.53	-145.17	664.29	112.18	1,103.70	1,085.30	18.39	60.009		
3,900.00	3,835.80	3,777.93	3,776.23	10.84	8.73	-145.79	667.64	110.07	1,123.93	1,105.11	18.81	59.737		
4,000.00	3,933.84	3,878.15	3,876.38	11.12	8.93	-146.43	670.43	107.31	1,144.01	1,124.77	19.24	59.449		
4,100.00	4,031.88	3,978.76	3,976.91	11.40	9.14	-147.07	672.87	104.40	1,163.96	1,144.28	19.68	59.148		
4,200.00	4,129.91	4,080.51	4,078.58	11.69	9.34	-147.74	674.59	100.64	1,183.72	1,163.60	20.12	58.834		
4,300.00	4,227.95	4,168.94	4,166.92	11.98	9.52	-148.33	675.88	96.86	1,203.67	1,183.14	20.53	58.628		
4,400.00	4,325.99	4,261.68	4,259.54	12.27	9.71	-148.92	677.93	92.69	1,224.51	1,203.55	20.96	58.428		
4,500.00	4,424.03	4,358.85	4,356.60	12.57	9.91	-149.52	680.23	88.52	1,245.52	1,224.12	21.40	58.199		
4,600.00	4,522.06	4,451.78	4,449.42	12.88	10.10	-150.05	682.66	84.84	1,266.74	1,244.90	21.84	58.006		
4,700.00	4,620.10	4,548.43	4,545.96	13.18	10.30	-150.54	685.94	81.61	1,288.44	1,266.15	22.29	57.802		
4,800.00	4,718.14	4,650.60	4,648.04	13.49	10.51	-151.01	689.50	79.19	1,309.85	1,287.09	22.76	57.543		
4,900.00	4,816.17	4,751.06	4,748.42	13.80	10.72	-151.44	692.86	77.06	1,331.11	1,307.87	23.23	57.290		
5,000.00	4,914.21	4,849.26	4,846.56	14.12	10.92	-151.84	696.09	75.34	1,352.20	1,328.50	23.70	57.047		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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	5,012.25	4,945.20	4,942.42	14.43	11.12	-152.21	699.38	73.72	1,373.44	1,349.27	24.17	56.827		
5,200.00	5,110.29	5,045.98	5,043.13	14.75	11.33	-152.59	702.81	72.02	1,394.73	1,370.08	24.65	56.580		
5,300.00	5,208.32	5,143.12	5,140.21	15.07	11.54	-152.96	705.74	70.40	1,415.73	1,390.60	25.12	56.349		
5,400.00	5,306.36	5,238.41	5,235.43	15.40	11.74	-153.31	708.83	68.41	1,437.18	1,411.58	25.60	56.151		
5,500.00	5,404.40	5,347.08	5,344.03	15.72	11.96	-153.75	711.33	65.51	1,458.19	1,432.09	26.10	55.860		
5,600.00	5,502.44	5,444.75	5,441.64	16.05	12.17	-154.17	712.59	62.32	1,478.73	1,452.15	26.58	55.627		
5,700.00	5,600.47	5,533.90	5,530.72	16.38	12.35	-154.54	714.09	59.20	1,499.78	1,472.74	27.04	55.466		
5,800.00	5,698.51	5,624.80	5,621.53	16.71	12.55	-154.92	715.73	55.45	1,521.34	1,493.84	27.50	55.316		
5,900.00	5,796.55	5,715.55	5,712.17	17.04	12.74	-155.30	717.68	51.47	1,543.39	1,515.43	27.97	55.186		
6,000.00	5,894.59	5,812.21	5,808.70	17.38	12.94	-155.70	719.80	46.87	1,565.74	1,537.29	28.45	55.035		
6,100.00	5,992.62	5,918.28	5,914.64	17.71	13.16	-156.14	721.61	41.77	1,587.80	1,558.84	28.96	54.825		
6,200.00	6,090.66	6,016.77	6,013.00	18.05	13.37	-156.54	723.00	37.09	1,609.66	1,580.21	29.45	54.653		
6,300.00	6,188.70	6,114.66	6,110.77	18.39	13.57	-156.94	724.06	32.21	1,631.46	1,601.52	29.94	54.487		
6,400.00	6,286.74	6,200.49	6,196.47	18.72	13.76	-157.28	725.26	27.77	1,653.69	1,623.29	30.40	54.399		
6,500.00	6,384.77	6,296.16	6,291.99	19.06	13.96	-157.66	726.83	22.54	1,676.34	1,645.46	30.89	54.275		
6,600.00	6,482.81	6,385.84	6,381.50	19.40	14.15	-158.01	728.38	17.38	1,699.30	1,667.94	31.36	54.193		
6,700.00	6,580.86	6,502.81	6,498.28	19.74	14.39	-160.48	730.13	10.82	1,722.06	1,690.15	31.91	53.971		
6,800.00	6,679.86	6,598.51	6,593.82	19.94	14.60	142.34	730.86	5.44	1,739.24	1,706.93	32.31	53.823		
6,900.00	6,778.81	6,680.75	6,675.91	20.07	14.77	88.63	731.92	0.69	1,747.87	1,715.25	32.62	53.578		
7,000.00	6,875.27	6,765.80	6,760.80	20.15	14.95	74.00	734.02	-4.13	1,748.28	1,715.40	32.89	53.559		
7,100.00	6,966.86	6,848.77	6,843.60	20.17	15.13	69.61	736.83	-8.60	1,740.66	1,707.55	33.11	52.576		
7,200.00	7,051.33	6,933.50	6,928.15	20.15	15.31	69.11	740.38	-12.90	1,725.75	1,692.43	33.32	51.794		
7,300.00	7,126.59	7,018.76	7,013.25	20.10	15.49	70.84	744.05	-16.43	1,704.14	1,670.59	33.55	50.788		
7,400.00	7,190.80	7,082.47	7,076.87	20.04	15.63	73.57	747.09	-18.46	1,677.77	1,643.99	33.78	49.670		
7,500.00	7,242.38	7,142.38	7,136.67	19.99	15.75	77.21	750.17	-19.88	1,648.56	1,614.47	34.09	48.358		
7,600.00	7,280.05	7,188.99	7,183.22	19.97	15.85	81.06	752.46	-20.62	1,618.21	1,583.72	34.49	46.920		
7,700.00	7,302.88	7,216.94	7,211.14	19.99	15.91	84.52	753.79	-20.91	1,588.68	1,553.72	34.96	45.440		
7,800.00	7,310.32	7,222.90	7,217.09	20.09	15.92	87.16	754.08	-21.00	1,561.63	1,526.15	35.48	44.011		
7,900.00	7,307.40	7,221.05	7,215.25	20.33	15.92	87.51	753.99	-20.98	1,538.84	1,502.75	36.09	42.638		
8,000.00	7,304.23	7,218.95	7,213.15	20.77	15.92	87.43	753.89	-20.96	1,522.24	1,485.45	36.79	41.372		
8,100.00	7,301.05	7,216.85	7,211.05	21.38	15.91	87.35	753.79	-20.93	1,512.09	1,474.52	37.57	40.245		
8,200.00	7,297.88	7,214.75	7,208.95	22.15	15.91	87.27	753.69	-20.91	1,508.51	1,470.11	38.40	39.284		
8,204.12	7,297.75	7,214.66	7,208.87	22.18	15.91	87.27	753.69	-20.91	1,508.50	1,470.06	38.44	39.246		
8,300.00	7,294.71	7,213.44	7,207.64	23.03	15.91	87.22	753.63	-20.88	1,511.54	1,472.28	39.26	38.502		
8,400.00	7,291.54	7,211.04	7,205.24	24.00	15.90	87.13	753.51	-20.86	1,521.16	1,481.05	40.11	37.923		
8,500.00	7,288.36	7,208.71	7,202.92	25.05	15.90	87.04	753.40	-20.84	1,537.23	1,496.29	40.95	37.543		
8,600.00	7,285.19	7,206.45	7,200.66	26.17	15.89	86.96	753.30	-20.82	1,559.56	1,517.82	41.74	37.363 SF		
8,700.00	7,282.02	7,204.25	7,198.47	27.34	15.89	86.87	753.19	-20.79	1,587.88	1,545.40	42.48	37.376		
8,800.00	7,278.85	7,202.15	7,196.37	28.57	15.88	86.79	753.09	-20.77	1,621.88	1,578.71	43.17	37.573		
8,900.00	7,275.67	7,200.05	7,194.27	29.84	15.88	86.71	752.99	-20.75	1,661.21	1,617.42	43.78	37.941		
9,000.00	7,272.50	7,202.05	7,192.17	31.14	15.88	86.63	752.89	-20.73	1,705.50	1,661.15	44.34	38.461		
9,100.00	7,269.33	7,204.15	7,190.07	32.48	15.89	86.55	752.79	-20.70	1,754.37	1,709.53	44.84	39.127		
9,200.00	7,266.15	7,206.25	7,187.98	33.85	15.89	86.47	752.69	-20.68	1,807.46	1,762.19	45.27	39.926		
9,300.00	7,262.98	7,208.35	7,185.88	35.24	15.89	86.39	752.59	-20.66	1,864.40	1,818.76	45.65	40.846		
9,400.00	7,259.81	7,190.52	7,184.75	36.66	15.86	86.35	752.54	-20.64	1,924.86	1,878.93	45.93	41.911		
9,500.00	7,256.64	7,188.76	7,183.00	38.10	15.85	86.28	752.45	-20.62	1,988.51	1,942.31	46.20	43.045		
9,600.00	7,253.46	7,187.05	7,181.29	39.55	15.85	86.22	752.37	-20.60	2,055.05	2,008.62	46.42	44.267		
9,700.00	7,250.29	7,185.38	7,179.62	41.02	15.85	86.16	752.29	-20.57	2,124.21	2,077.60	46.62	45.569		
9,800.00	7,247.12	7,183.76	7,178.00	42.51	15.84	86.09	752.21	-20.55	2,195.75	2,148.98	46.78	46.942		
9,900.00	7,243.95	7,182.17	7,176.42	44.01	15.84	86.03	752.13	-20.53	2,269.44	2,222.53	46.91	48.378		
10,000.00	7,240.77	7,180.63	7,174.87	45.52	15.84	85.98	752.06	-20.51	2,345.08	2,298.06	47.02	49.872		
10,100.00	7,237.60	7,179.12	7,173.37	47.04	15.83	85.92	751.99	-20.49	2,422.49	2,375.37	47.11	51.417		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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		
4,300.00	4,227.95	5,334.26	4,964.24	11.98	24.33	-125.78	1,958.27	622.19	2,496.62	2,465.36	31.26	79.867		
4,400.00	4,325.99	5,364.92	4,993.00	12.27	24.47	-125.78	1,948.98	627.35	2,476.74	2,445.05	31.70	78.143		
4,500.00	4,424.03	5,400.00	5,026.26	12.57	24.64	-125.79	1,939.30	632.88	2,459.55	2,427.41	32.13	76.547		
4,600.00	4,522.06	5,439.18	5,063.72	12.88	24.81	-125.81	1,929.41	638.69	2,444.83	2,412.27	32.56	75.086		
4,700.00	4,620.10	5,500.00	5,122.31	13.18	25.06	-125.85	1,915.47	647.17	2,432.42	2,399.36	33.06	73.584		
4,800.00	4,718.14	5,540.79	5,161.83	13.49	25.22	-125.89	1,906.90	652.47	2,421.85	2,388.39	33.46	72.370		
4,900.00	4,816.17	5,600.00	5,219.43	13.80	25.45	-125.96	1,895.15	659.54	2,412.98	2,379.05	33.93	71.115		
5,000.00	4,914.21	5,671.72	5,289.50	14.12	25.72	-126.07	1,881.87	667.13	2,405.52	2,371.09	34.43	69.870		
5,100.00	5,012.25	5,740.03	5,356.49	14.43	25.96	-126.19	1,870.05	673.33	2,399.36	2,364.45	34.90	68.746		
5,200.00	5,110.29	5,800.00	5,415.49	14.75	26.17	-126.32	1,860.37	677.97	2,394.55	2,359.21	35.33	67.772		
5,300.00	5,208.32	5,851.88	5,466.72	15.07	26.34	-126.45	1,852.88	681.19	2,391.60	2,355.89	35.71	66.973		
5,390.93	5,297.47	5,900.00	5,514.44	15.37	26.49	-126.59	1,847.04	683.35	2,390.91	2,354.87	36.05	66.330	CC, ES	
5,400.00	5,306.36	5,900.00	5,514.44	15.40	26.49	-126.59	1,847.04	683.35	2,390.93	2,354.87	36.06	66.306		
5,500.00	5,404.40	5,988.34	5,602.23	15.72	26.73	-126.90	1,837.31	684.93	2,391.64	2,355.11	36.53	65.477		
5,600.00	5,502.44	6,046.47	5,660.04	16.05	26.87	-127.14	1,831.31	684.39	2,393.35	2,356.50	36.85	64.946		
5,700.00	5,600.47	6,100.00	5,713.36	16.38	26.99	-127.38	1,826.78	683.22	2,397.04	2,359.90	37.14	64.534		
5,800.00	5,698.51	6,150.53	5,763.77	16.71	27.08	-127.61	1,823.46	681.87	2,402.76	2,365.37	37.40	64.252		
5,900.00	5,796.55	6,200.00	5,813.17	17.04	27.17	-127.82	1,821.16	680.63	2,410.55	2,372.92	37.63	64.055		
6,000.00	5,894.59	6,269.15	5,882.28	17.38	27.29	-128.11	1,819.13	679.56	2,420.03	2,382.08	37.96	63.757		
6,100.00	5,992.62	6,339.88	5,952.99	17.71	27.43	-128.37	1,818.04	679.54	2,430.84	2,392.53	38.31	63.455		
6,200.00	6,090.66	6,413.63	6,026.74	18.05	27.57	-128.64	1,817.69	679.69	2,442.76	2,404.09	38.67	63.172		
6,300.00	6,188.70	6,488.52	6,101.63	18.39	27.64	-128.92	1,818.01	679.39	2,455.73	2,416.78	38.95	63.051	SF	
6,400.00	6,286.74	6,562.97	6,176.07	18.72	27.63	-129.21	1,818.96	678.40	2,469.72	2,430.58	39.13	63.108		
6,500.00	6,384.77	6,634.76	6,247.83	19.06	27.61	-129.49	1,820.48	676.80	2,484.76	2,445.46	39.29	63.235		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.82	3.30	-1,059.63	1,059.63					
100.00	100.00	102.00	102.00	3.28	3.28	-89.82	3.30	-1,059.63	1,059.63	1,052.10	7.53	140.738		
200.00	200.00	202.00	202.00	3.31	3.31	-89.82	3.30	-1,059.63	1,059.63	1,052.06	7.57	139.893		
202.92	202.92	204.92	204.92	3.31	3.31	146.98	3.30	-1,059.63	1,059.63	1,052.06	7.58	139.857		
300.00	300.00	303.02	303.02	3.35	3.35	146.99	3.30	-1,059.62	1,060.00	1,052.33	7.66	138.324		
400.00	399.93	454.33	454.25	3.41	3.46	147.23	4.94	-1,055.81	1,060.41	1,052.59	7.82	135.615		
500.00	499.68	605.12	604.54	3.49	3.62	147.81	9.71	-1,044.71	1,058.96	1,050.93	8.03	131.915		
600.00	599.13	754.84	752.93	3.60	3.83	148.74	17.52	-1,026.52	1,055.77	1,047.47	8.29	127.278		
700.00	698.15	902.97	898.53	3.74	4.12	150.00	28.26	-1,001.54	1,051.04	1,042.42	8.62	121.891		
800.00	796.63	1,006.04	999.22	3.93	4.38	151.06	36.94	-981.32	1,046.86	1,037.89	8.98	116.626		
900.00	894.68	1,104.14	1,095.05	4.15	4.64	152.10	45.22	-962.04	1,045.04	1,035.67	9.37	111.488		
1,000.00	992.71	1,202.24	1,190.88	4.40	4.93	153.14	53.51	-942.76	1,043.63	1,033.82	9.81	106.387		
1,100.00	1,090.75	1,300.34	1,286.71	4.68	5.24	154.19	61.79	-923.48	1,042.57	1,032.29	10.28	101.435		
1,200.00	1,188.79	1,398.44	1,382.54	4.98	5.57	155.23	70.07	-904.20	1,041.88	1,031.10	10.77	96.697		
1,300.00	1,286.83	1,503.46	1,478.37	5.30	5.93	156.28	78.35	-884.92	1,041.54	1,030.23	11.31	92.056		
1,342.15	1,328.15	1,537.89	1,518.76	5.44	6.05	156.72	81.84	-876.80	1,041.51	1,029.99	11.52	90.391	CC	
1,400.00	1,384.86	1,605.36	1,574.20	5.63	6.29	157.33	86.63	-865.65	1,041.57	1,029.70	11.87	87.771		
1,500.00	1,482.90	1,707.26	1,670.03	5.98	6.66	158.37	94.91	-846.37	1,041.96	1,029.52	12.44	83.772	ES	
1,600.00	1,580.94	1,809.16	1,765.86	6.33	7.02	159.42	103.20	-827.09	1,042.71	1,029.70	13.01	80.134		
1,700.00	1,678.98	1,888.94	1,861.69	6.69	7.19	160.46	111.48	-807.81	1,043.82	1,030.57	13.26	78.749		
1,800.00	1,777.01	1,987.04	1,951.51	7.06	7.26	161.50	119.76	-788.53	1,045.29	1,031.70	13.59	76.921		
1,900.00	1,875.05	2,085.13	2,053.34	7.27	7.32	162.54	128.04	-769.26	1,047.12	1,033.54	13.58	77.112		
2,000.00	1,973.09	2,183.23	2,149.17	7.31	7.40	163.58	136.32	-749.98	1,049.30	1,035.64	13.67	76.778		
2,100.00	2,071.13	2,281.33	2,245.00	7.38	7.50	164.61	144.60	-730.70	1,051.84	1,038.05	13.79	76.285		
2,200.00	2,169.16	2,379.43	2,340.83	7.46	7.61	165.63	152.88	-711.42	1,054.73	1,040.79	13.94	75.645		
2,300.00	2,267.20	2,477.53	2,436.66	7.56	7.74	166.65	161.17	-692.14	1,057.97	1,043.84	14.13	74.873		
2,400.00	2,365.24	2,575.63	2,532.49	7.67	7.88	167.66	169.45	-672.86	1,061.55	1,047.20	14.35	73.985		
2,500.00	2,463.28	2,673.73	2,628.32	7.80	8.04	168.67	177.73	-653.59	1,065.47	1,050.87	14.60	73.000		
2,600.00	2,561.31	2,771.83	2,724.15	7.95	8.21	169.67	186.01	-634.31	1,069.73	1,054.86	14.87	71.934		
2,700.00	2,659.35	2,869.93	2,819.98	8.11	8.39	170.66	194.29	-615.03	1,074.32	1,059.15	15.17	70.805		
2,800.00	2,757.39	2,968.03	2,915.81	8.28	8.58	171.64	202.57	-595.75	1,079.25	1,063.74	15.50	69.628		
2,900.00	2,855.43	3,066.13	3,011.64	8.47	8.79	172.61	210.86	-576.47	1,084.49	1,068.64	15.85	68.418		
3,000.00	2,953.46	3,164.23	3,107.47	8.66	9.00	173.58	219.14	-557.19	1,090.06	1,073.84	16.22	67.189		
3,100.00	3,051.50	3,262.33	3,203.29	8.87	9.22	174.53	227.42	-537.92	1,095.94	1,079.33	16.62	65.952		
3,200.00	3,149.54	3,360.43	3,299.12	9.09	9.46	175.48	235.70	-518.64	1,102.14	1,085.11	17.03	64.717		
3,300.00	3,247.58	3,458.52	3,394.95	9.32	9.69	176.41	243.98	-499.36	1,108.64	1,091.18	17.46	63.493		
3,400.00	3,345.61	3,556.62	3,490.78	9.55	9.94	177.33	252.26	-480.08	1,115.44	1,097.53	17.91	62.286		
3,500.00	3,443.65	3,654.72	3,586.61	9.80	10.19	178.24	260.55	-460.80	1,122.53	1,104.16	18.37	61.103		
3,600.00	3,541.69	3,752.82	3,682.44	10.05	10.45	179.14	268.83	-441.53	1,129.91	1,111.06	18.85	59.947		
3,700.00	3,639.73	3,850.92	3,778.27	10.31	10.72	-179.97	277.11	-422.25	1,137.57	1,118.23	19.34	58.821		
3,800.00	3,737.76	3,949.02	3,874.10	10.57	10.99	-179.09	285.39	-402.97	1,145.52	1,125.67	19.84	57.729		
3,900.00	3,835.80	4,047.12	3,969.93	10.84	11.27	-178.22	293.67	-383.69	1,153.73	1,133.37	20.36	56.672		
4,000.00	3,933.84	4,145.22	4,065.76	11.12	11.55	-177.37	301.95	-364.41	1,162.21	1,141.33	20.88	55.651		
4,100.00	4,031.88	4,243.32	4,161.59	11.40	11.83	-176.53	310.24	-345.13	1,170.95	1,149.53	21.42	54.667		
4,200.00	4,129.91	4,341.42	4,257.42	11.69	12.12	-175.70	318.52	-325.86	1,179.94	1,157.98	21.97	53.719		
4,300.00	4,227.95	4,439.52	4,353.25	11.98	12.41	-174.88	326.80	-306.58	1,189.19	1,166.67	22.52	52.808		
4,400.00	4,325.99	4,537.62	4,449.07	12.27	12.71	-174.08	335.08	-287.30	1,198.67	1,175.59	23.08	51.932		
4,500.00	4,424.03	4,635.72	4,544.90	12.57	13.01	-173.29	343.36	-268.02	1,208.40	1,184.74	23.65	51.092		
4,600.00	4,522.06	4,733.82	4,640.73	12.88	13.31	-172.51	351.64	-248.74	1,218.35	1,194.12	24.23	50.286		
4,700.00	4,620.10	4,831.92	4,736.56	13.18	13.62	-171.74	359.92	-229.46	1,228.53	1,203.72	24.81	49.513		
4,800.00	4,718.14	4,930.01	4,832.39	13.49	13.92	-170.99	368.21	-210.19	1,238.93	1,213.53	25.40	48.772		
4,900.00	4,816.17	5,028.11	4,928.22	13.80	14.23	-170.25	376.49	-190.91	1,249.55	1,223.55	26.00	48.062		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,914.21	5,126.21	5,024.05	14.12	14.55	-169.52	384.77	-171.63	1,260.37	1,233.77	26.60	47.382		
5,100.00	5,012.25	5,224.31	5,119.88	14.43	14.86	-168.80	393.05	-152.35	1,271.40	1,244.19	27.21	46.731		
5,200.00	5,110.29	5,322.41	5,215.71	14.75	15.18	-168.09	401.33	-133.07	1,282.63	1,254.81	27.82	46.107		
5,300.00	5,208.32	5,420.51	5,311.54	15.07	15.50	-167.40	409.61	-113.80	1,294.05	1,265.61	28.43	45.510		
5,400.00	5,306.36	5,518.61	5,407.37	15.40	15.82	-166.72	417.90	-94.52	1,305.66	1,276.60	29.06	44.937		
5,500.00	5,404.40	5,616.71	5,503.20	15.72	16.14	-166.05	426.18	-75.24	1,317.45	1,287.77	29.68	44.389		
5,600.00	5,502.44	5,714.81	5,599.03	16.05	16.47	-165.39	434.46	-55.96	1,329.42	1,299.11	30.31	43.863		
5,700.00	5,600.47	5,812.91	5,694.85	16.38	16.79	-164.74	442.74	-36.68	1,341.57	1,310.63	30.94	43.359		
5,800.00	5,698.51	5,911.01	5,790.68	16.71	17.12	-164.11	451.02	-17.40	1,353.88	1,322.31	31.58	42.877		
5,900.00	5,796.55	6,009.11	5,886.51	17.04	17.45	-163.48	459.30	1.87	1,366.36	1,334.15	32.22	42.414		
6,000.00	5,894.59	6,107.21	5,982.34	17.38	17.78	-162.87	467.59	21.15	1,379.00	1,346.14	32.86	41.970		
6,100.00	5,992.62	6,205.31	6,078.17	17.71	18.11	-162.27	475.87	40.43	1,391.80	1,358.29	33.50	41.544		
6,200.00	6,090.66	6,303.40	6,174.00	18.05	18.44	-161.68	484.15	59.71	1,404.74	1,370.59	34.15	41.135		
6,300.00	6,188.70	6,401.50	6,269.83	18.39	18.77	-161.10	492.43	78.99	1,417.84	1,383.04	34.80	40.742		
6,400.00	6,286.74	6,500.40	6,365.66	18.72	19.11	-160.53	500.71	98.26	1,431.07	1,395.62	35.46	40.362		
6,500.00	6,384.77	6,602.30	6,461.49	19.06	19.46	-159.97	508.99	117.54	1,444.45	1,408.33	36.12	39.986		
6,600.00	6,482.81	6,704.20	6,557.32	19.40	19.81	-159.42	517.28	136.82	1,457.96	1,421.17	36.79	39.625		
6,700.00	6,580.86	6,803.36	6,653.15	19.74	20.11	-129.76	525.56	156.10	1,471.51	1,434.07	37.46	39.272		
6,800.00	6,679.86	6,902.42	6,749.00	20.07	20.41	-129.21	533.84	175.38	1,485.06	1,446.62	38.12	38.927		
6,900.00	6,778.81	7,001.48	6,844.85	20.40	20.65	-128.66	542.12	194.66	1,498.61	1,458.67	38.79	38.582		
7,000.00	6,877.81	7,100.54	6,940.70	20.73	20.89	-128.11	550.40	213.94	1,512.16	1,470.68	39.45	38.237		
7,100.00	6,976.81	7,200.00	7,036.55	21.06	21.13	-127.56	558.68	233.22	1,525.71	1,482.23	40.11	37.892		
7,200.00	7,075.81	7,300.00	7,132.40	21.39	21.27	-127.01	566.96	252.50	1,539.26	1,493.79	40.77	37.547		
7,300.00	7,174.81	7,400.00	7,228.25	21.72	21.41	-126.46	575.24	271.78	1,552.81	1,505.34	41.43	37.202		
7,400.00	7,273.81	7,500.00	7,324.10	22.05	21.55	-125.91	583.52	291.06	1,566.36	1,516.90	42.09	36.857		
7,500.00	7,372.81	7,600.00	7,419.95	22.38	21.69	-125.36	591.80	310.34	1,579.91	1,528.46	42.75	36.512		
7,600.00	7,471.81	7,700.00	7,515.80	22.71	21.83	-124.81	600.08	329.62	1,593.46	1,539.61	43.41	36.167		
7,700.00	7,570.81	7,800.00	7,611.65	23.04	21.97	-124.26	608.36	348.90	1,607.01	1,550.17	44.07	35.822		
7,800.00	7,669.81	7,900.00	7,707.50	23.37	22.11	-123.71	616.64	368.18	1,620.56	1,560.72	44.73	35.477		
7,900.00	7,768.81	8,000.00	7,803.35	23.70	22.25	-123.16	624.92	387.46	1,634.11	1,571.28	45.39	35.132		
8,000.00	7,867.81	8,100.00	7,899.20	24.03	22.39	-122.61	633.20	406.74	1,647.66	1,581.83	46.05	34.787		
8,100.00	7,966.81	8,200.00	7,995.05	24.36	22.53	-122.06	641.48	426.02	1,661.21	1,592.39	46.71	34.442		
8,200.00	8,065.81	8,300.00	8,090.90	24.69	22.67	-121.51	649.76	445.30	1,674.76	1,602.94	47.37	34.097		
8,300.00	8,164.81	8,400.00	8,186.75	25.02	22.81	-120.96	658.04	464.58	1,688.31	1,613.50	48.03	33.752		
8,400.00	8,263.81	8,500.00	8,282.60	25.35	22.95	-120.41	666.32	483.86	1,701.86	1,624.05	48.69	33.407		
8,500.00	8,362.81	8,600.00	8,378.45	25.68	23.09	-119.86	674.60	503.14	1,715.41	1,634.61	49.35	33.062		
8,600.00	8,461.81	8,700.00	8,474.30	26.01	23.23	-119.31	682.88	522.42	1,728.96	1,645.16	50.01	32.717		
8,700.00	8,560.81	8,800.00	8,570.15	26.34	23.37	-118.76	691.16	541.70	1,742.51	1,655.72	50.67	32.372		
8,800.00	8,659.81	8,900.00	8,666.00	26.67	23.51	-118.21	699.44	560.98	1,756.06	1,666.27	51.33	32.027		
8,900.00	8,758.81	9,000.00	8,761.85	27.00	23.65	-117.66	707.72	580.26	1,769.61	1,676.83	51.99	31.682		
9,000.00	8,857.81	9,100.00	8,857.70	27.33	23.79	-117.11	716.00	600.00	1,783.16	1,687.38	52.65	31.337		
9,100.00	8,956.81	9,200.00	8,953.55	27.66	23.93	-116.56	724.28	619.28	1,796.71	1,697.94	53.31	30.992		
9,200.00	9,055.81	9,300.00	9,049.40	27.99	24.07	-116.01	732.56	638.56	1,810.26	1,708.49	53.97	30.647		
9,300.00	9,154.81	9,400.00	9,145.25	28.32	24.21	-115.46	740.84	657.84	1,823.81	1,719.05	54.63	30.302		
9,400.00	9,253.81	9,500.00	9,241.10	28.65	24.35	-114.91	749.12	677.08	1,837.36	1,729.60	55.29	29.957		
9,500.00	9,352.81	9,600.00	9,336.95	28.98	24.49	-114.36	757.40	696.36	1,850.91	1,740.16	55.95	29.612		
9,600.00	9,451.81	9,700.00	9,432.80	29.31	24.63	-113.81	765.68	715.64	1,864.46	1,750.71	56.61	29.267		
9,700.00	9,550.81	9,800.00	9,528.65	29.64	24.77	-113.26	773.96	734.92	1,878.01	1,761.27	57.27	28.922		
9,800.00	9,649.81	9,900.00	9,624.50	29.97	24.91	-112.71	782.24	754.16	1,891.56	1,771.82	57.93	28.577		
9,900.00	9,748.81	10,000.00	9,720.35	30.30	25.05	-112.16	790.52	773.44	1,905.11	1,782.38	58.59	28.232		
10,000.00	9,847.81		9,816.20	30.63	25.19	-111.61	798.80	792.68	1,918.66	1,792.93	59.25	27.887		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.81	3.66	-1,099.72	1,099.72					
100.00	100.00	102.00	102.00	3.28	3.28	-89.81	3.66	-1,099.72	1,099.72	1,092.19	7.53	146.063		
200.00	200.00	202.00	202.00	3.31	3.31	-89.81	3.66	-1,099.72	1,099.72	1,092.15	7.57	145.186		
300.00	300.00	337.84	337.80	3.35	3.37	147.09	5.13	-1,097.79	1,098.75	1,091.07	7.68	143.060		
400.00	399.93	481.02	480.66	3.41	3.49	147.56	10.86	-1,090.27	1,096.46	1,088.62	7.84	139.897		
500.00	499.68	623.05	621.72	3.49	3.66	148.40	20.82	-1,077.21	1,093.27	1,085.22	8.05	135.736		
600.00	599.13	763.33	760.08	3.60	3.89	149.61	34.81	-1,058.87	1,089.40	1,081.06	8.34	130.671		
700.00	698.15	901.30	894.90	3.74	4.19	151.15	52.55	-1,035.60	1,085.15	1,076.46	8.69	124.830		
800.00	796.63	1,026.48	1,015.90	3.93	4.55	152.86	71.97	-1,010.13	1,081.04	1,071.92	9.12	118.513		
900.00	894.68	1,122.67	1,108.54	4.15	4.87	154.26	87.68	-989.54	1,078.72	1,069.15	9.57	112.671		
1,000.00	992.71	1,218.86	1,201.18	4.40	5.21	155.65	103.38	-968.94	1,077.14	1,067.07	10.07	106.938		
1,100.00	1,090.75	1,315.05	1,293.81	4.68	5.58	157.05	119.09	-948.35	1,076.26	1,065.64	10.61	101.428		
1,177.39	1,166.62	1,389.48	1,365.50	4.91	5.87	158.14	131.24	-932.41	1,076.05	1,065.00	11.05	97.398	CC	
1,200.00	1,188.79	1,411.23	1,386.44	4.98	5.96	158.45	134.79	-927.75	1,076.07	1,064.89	11.18	96.261		
1,300.00	1,286.83	1,507.42	1,479.08	5.30	6.36	159.85	150.50	-907.16	1,076.57	1,064.79	11.78	91.408	ES	
1,400.00	1,384.86	1,603.61	1,571.71	5.63	6.76	161.25	166.20	-886.56	1,077.77	1,065.37	12.40	86.912		
1,500.00	1,482.90	1,700.21	1,664.35	5.98	7.18	162.65	181.90	-865.97	1,079.66	1,066.61	13.05	82.752		
1,600.00	1,580.94	1,804.02	1,756.98	6.33	7.63	164.03	197.61	-845.38	1,082.24	1,068.51	13.73	78.805		
1,700.00	1,678.98	1,907.84	1,849.61	6.69	7.88	165.42	213.31	-824.78	1,085.50	1,071.43	14.07	77.151		
1,800.00	1,777.01	1,988.35	1,942.25	7.06	7.93	166.79	229.02	-804.19	1,089.44	1,075.03	14.41	75.590		
1,900.00	1,875.05	2,084.54	2,034.88	7.27	8.01	168.16	244.72	-783.59	1,094.05	1,079.61	14.44	75.762		
2,000.00	1,973.09	2,180.72	2,127.52	7.31	8.11	169.51	260.43	-763.00	1,099.32	1,084.75	14.57	75.456		
2,100.00	2,071.13	2,276.91	2,220.15	7.38	8.23	170.85	276.13	-742.40	1,105.24	1,090.51	14.73	75.018		
2,200.00	2,169.16	2,373.10	2,312.78	7.46	8.37	172.17	291.83	-721.81	1,111.81	1,096.88	14.93	74.461		
2,300.00	2,267.20	2,469.28	2,405.42	7.56	8.52	173.48	307.54	-701.22	1,119.00	1,103.84	15.16	73.800		
2,400.00	2,365.24	2,565.47	2,498.05	7.67	8.68	174.78	323.24	-680.62	1,126.82	1,111.39	15.43	73.049		
2,500.00	2,463.28	2,661.65	2,590.69	7.80	8.86	176.06	338.95	-660.03	1,135.24	1,119.52	15.72	72.224		
2,600.00	2,561.31	2,757.84	2,683.32	7.95	9.06	177.31	354.65	-639.43	1,144.25	1,128.21	16.04	71.339		
2,700.00	2,659.35	2,854.03	2,775.95	8.11	9.27	178.56	370.35	-618.84	1,153.83	1,137.45	16.39	70.410		
2,800.00	2,757.39	2,950.21	2,868.59	8.28	9.49	179.78	386.06	-598.24	1,163.99	1,147.23	16.76	69.448		
2,900.00	2,855.43	3,046.40	2,961.22	8.47	9.72	-179.02	401.76	-577.65	1,174.69	1,157.53	17.16	68.467		
3,000.00	2,953.46	3,142.59	3,053.86	8.66	9.96	-177.85	417.47	-557.06	1,185.93	1,168.35	17.58	67.476		
3,100.00	3,051.50	3,238.77	3,146.49	8.87	10.21	-176.69	433.17	-536.46	1,197.68	1,179.67	18.01	66.486		
3,200.00	3,149.54	3,334.96	3,239.12	9.09	10.47	-175.55	448.88	-515.87	1,209.94	1,191.47	18.47	65.502		
3,300.00	3,247.58	3,431.15	3,331.76	9.32	10.74	-174.44	464.58	-495.27	1,222.69	1,203.74	18.95	64.533		
3,400.00	3,345.61	3,527.33	3,424.39	9.55	11.01	-173.34	480.28	-474.68	1,235.91	1,216.48	19.44	63.582		
3,500.00	3,443.65	3,623.52	3,517.03	9.80	11.29	-172.27	495.99	-454.08	1,249.60	1,229.65	19.94	62.653		
3,600.00	3,541.69	3,719.70	3,609.66	10.05	11.58	-171.22	511.69	-433.49	1,263.72	1,243.26	20.46	61.751		
3,700.00	3,639.73	3,815.89	3,702.29	10.31	11.88	-170.20	527.40	-412.90	1,278.28	1,257.28	21.00	60.877		
3,800.00	3,737.76	3,912.08	3,794.93	10.57	12.18	-169.19	543.10	-392.30	1,293.25	1,271.71	21.54	60.032		
3,900.00	3,835.80	4,008.26	3,887.56	10.84	12.49	-168.21	558.81	-371.71	1,308.62	1,286.52	22.10	59.217		
4,000.00	3,933.84	4,104.45	3,980.20	11.12	12.80	-167.25	574.51	-351.11	1,324.38	1,301.71	22.66	58.433		
4,100.00	4,031.88	4,200.64	4,072.83	11.40	13.11	-166.32	590.21	-330.52	1,340.51	1,317.27	23.24	57.681		
4,200.00	4,129.91	4,296.82	4,165.46	11.69	13.43	-165.40	605.92	-309.93	1,357.00	1,333.17	23.82	56.958		
4,300.00	4,227.95	4,406.99	4,258.10	11.98	13.81	-164.50	621.62	-289.33	1,373.83	1,349.37	24.46	56.157		
4,400.00	4,325.99	4,489.19	4,350.73	12.27	14.09	-163.63	637.33	-268.74	1,391.00	1,365.99	25.02	55.603		
4,500.00	4,424.03	4,585.38	4,443.37	12.57	14.42	-162.77	653.03	-248.14	1,408.50	1,382.87	25.62	54.969		
4,600.00	4,522.06	4,681.57	4,536.00	12.88	14.75	-161.94	668.73	-227.55	1,426.30	1,400.06	26.24	54.363		
4,700.00	4,620.10	4,777.75	4,628.63	13.18	15.09	-161.13	684.44	-206.95	1,444.40	1,417.55	26.86	53.784		
4,800.00	4,718.14	4,873.94	4,721.27	13.49	15.43	-160.33	700.14	-186.36	1,462.79	1,435.31	27.48	53.230		
4,900.00	4,816.17	4,970.13	4,813.90	13.80	15.77	-159.56	715.85	-165.77	1,481.46	1,453.35	28.11	52.701		
5,000.00	4,914.21	5,066.31	4,906.54	14.12	16.12	-158.80	731.55	-145.17	1,500.39	1,471.64	28.75	52.196		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,162.50	4,999.17	14.43	16.47	-158.06	747.26	-124.58	1,519.58	1,490.19	29.38	51.713		
5,200.00	5,110.29	5,258.69	5,091.81	14.75	16.82	-157.34	762.96	-103.98	1,539.01	1,508.98	30.03	51.252		
5,300.00	5,208.32	5,354.87	5,184.44	15.07	17.17	-156.64	778.66	-83.39	1,558.69	1,528.01	30.68	50.811		
5,400.00	5,306.36	5,451.06	5,277.07	15.40	17.52	-155.95	794.37	-62.79	1,578.59	1,547.26	31.33	50.390		
5,500.00	5,404.40	5,547.24	5,369.71	15.72	17.88	-155.28	810.07	-42.20	1,598.71	1,566.73	31.98	49.987		
5,600.00	5,502.44	5,643.43	5,462.34	16.05	18.23	-154.63	825.78	-21.61	1,619.04	1,586.40	32.64	49.602		
5,700.00	5,600.47	5,739.62	5,554.98	16.38	18.59	-153.99	841.48	-1.01	1,639.58	1,606.28	33.30	49.234		
5,800.00	5,698.51	5,835.80	5,647.61	16.71	18.95	-153.37	857.19	19.58	1,660.32	1,626.35	33.97	48.881		
5,900.00	5,796.55	5,931.99	5,740.24	17.04	19.31	-152.76	872.89	40.18	1,681.24	1,646.61	34.63	48.544		
6,000.00	5,894.59	6,028.18	5,832.88	17.38	19.68	-152.16	888.59	60.77	1,702.35	1,667.05	35.30	48.221		
6,100.00	5,992.62	6,124.36	5,925.51	17.71	20.04	-151.59	904.30	81.37	1,723.63	1,687.66	35.98	47.912		
6,200.00	6,090.66	6,220.55	6,018.15	18.05	20.41	-151.02	920.00	101.96	1,745.08	1,708.43	36.65	47.616		
6,300.00	6,188.70	6,316.74	6,110.78	18.39	20.77	-150.47	935.71	122.55	1,766.70	1,729.37	37.33	47.331		
6,400.00	6,286.74	6,412.92	6,203.41	18.72	21.14	-149.93	951.41	143.15	1,788.47	1,750.46	38.00	47.059		
6,500.00	6,384.77	6,509.11	6,296.05	19.06	21.51	-149.40	967.11	163.74	1,810.39	1,771.71	38.69	46.797		
6,600.00	6,482.81	6,605.29	6,388.68	19.40	21.88	-148.89	982.82	184.34	1,832.46	1,793.09	39.37	46.547		
6,700.00	6,580.86	7,857.96	7,108.65	19.74	31.61	-127.43	1,108.08	1,010.61	1,850.07	1,802.17	47.91	38.618		
6,800.00	6,679.86	7,865.24	7,108.63	19.94	31.70	178.39	1,108.12	1,017.90	1,835.10	1,786.36	48.74	37.651		
6,900.00	6,778.81	7,856.85	7,108.65	20.07	31.60	125.67	1,108.08	1,009.51	1,825.51	1,776.27	49.24	37.074		
7,000.00	6,875.27	7,833.00	7,108.71	20.15	31.32	110.09	1,107.97	985.65	1,821.40	1,772.01	49.39	36.876 SF		
7,029.65	6,903.03	7,823.03	7,108.73	20.15	31.20	107.55	1,107.93	975.68	1,821.18	1,771.82	49.37	36.891		
7,100.00	6,966.86	7,805.75	7,108.80	20.17	31.00	102.95	1,107.80	946.91	1,822.33	1,772.98	49.34	36.931		
7,200.00	7,051.33	7,741.59	7,108.92	20.15	30.26	98.09	1,107.57	894.24	1,827.35	1,778.60	48.74	37.489		
7,300.00	7,126.59	7,652.97	7,107.02	20.10	29.27	93.52	1,106.82	805.68	1,834.99	1,787.18	47.81	38.382		
7,400.00	7,190.80	7,546.40	7,089.97	20.04	28.11	89.20	1,103.44	700.66	1,842.78	1,796.14	46.65	39.504		
7,500.00	7,242.38	7,456.31	7,062.24	19.99	27.17	85.72	1,098.36	615.17	1,850.19	1,804.51	45.68	40.508		
7,600.00	7,280.05	7,376.47	7,027.94	19.97	26.39	82.86	1,092.24	543.40	1,856.86	1,811.97	44.89	41.363		
7,700.00	7,302.88	7,303.42	6,989.01	19.99	25.72	80.53	1,085.38	482.01	1,862.35	1,818.06	44.28	42.057		
7,800.00	7,310.32	7,235.13	6,946.57	20.09	25.14	78.69	1,077.98	429.06	1,866.20	1,822.35	43.85	42.561		
7,900.00	7,307.40	7,173.14	6,903.40	20.33	24.66	77.34	1,070.50	385.25	1,869.72	1,826.12	43.61	42.878		
8,000.00	7,304.23	7,121.42	6,864.30	20.77	24.29	76.16	1,063.75	352.09	1,876.38	1,832.81	43.57	43.063		
8,100.00	7,301.05	7,078.23	6,829.71	21.38	24.00	75.12	1,057.80	326.94	1,886.73	1,843.02	43.71	43.167		
8,200.00	7,297.88	7,041.93	6,799.39	22.15	23.77	74.20	1,052.60	307.69	1,901.06	1,857.09	43.97	43.235		
8,300.00	7,294.71	7,011.19	6,772.89	23.03	23.59	73.40	1,048.07	292.78	1,919.58	1,875.24	44.33	43.300		
8,400.00	7,291.54	6,984.94	6,749.72	24.00	23.45	72.70	1,044.11	281.09	1,942.34	1,897.58	44.76	43.391		
8,500.00	7,288.36	6,962.32	6,729.40	25.05	23.33	72.09	1,040.64	271.80	1,969.37	1,924.13	45.24	43.532		
8,600.00	7,285.19	6,950.00	6,718.20	26.17	23.26	71.75	1,038.73	267.04	2,000.61	1,954.82	45.78	43.696		
8,700.00	7,282.02	6,925.52	6,695.67	27.34	23.15	71.07	1,034.89	258.26	2,035.87	1,989.61	46.26	44.010		
8,800.00	7,278.85	6,900.00	6,671.85	28.57	23.03	70.36	1,030.84	250.04	2,075.16	2,028.44	46.72	44.421		
8,900.00	7,275.67	6,900.00	6,671.85	29.84	23.03	70.36	1,030.84	250.04	2,118.09	2,070.80	47.29	44.788		
9,000.00	7,272.50	6,885.01	6,657.71	31.14	22.97	69.94	1,028.44	245.67	2,164.65	2,116.88	47.77	45.315		
9,100.00	7,269.33	6,874.27	6,647.53	32.48	22.92	69.63	1,026.71	242.75	2,214.59	2,166.36	48.24	45.909		
9,200.00	7,266.15	6,850.00	6,624.34	33.85	22.82	68.94	1,022.77	236.79	2,267.86	2,219.24	48.62	46.644		
9,300.00	7,262.98	6,850.00	6,624.34	35.24	22.82	68.94	1,022.77	236.79	2,323.85	2,274.77	49.08	47.348		
9,400.00	7,259.81	6,850.00	6,624.34	36.66	22.82	68.94	1,022.77	236.79	2,382.71	2,333.21	49.51	48.128		
9,500.00	7,256.64	6,838.37	6,613.15	38.10	22.78	68.61	1,020.87	234.24	2,444.19	2,394.33	49.86	49.019		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.81	3.67	-1,079.67	1,079.68					
100.00	100.00	102.00	102.00	3.28	3.28	-89.81	3.67	-1,079.67	1,079.68	1,072.15	7.53	143.401		
200.00	200.00	202.00	202.00	3.31	3.31	-89.81	3.67	-1,079.67	1,079.68	1,072.10	7.57	142.540		
300.00	300.00	320.85	320.85	3.35	3.36	147.03	4.03	-1,079.14	1,079.68	1,072.01	7.67	140.732		
400.00	399.93	465.46	465.29	3.41	3.47	147.39	7.84	-1,073.60	1,078.80	1,070.97	7.83	137.838		
500.00	499.68	609.20	608.33	3.49	3.63	148.12	15.71	-1,062.15	1,076.79	1,068.75	8.04	133.970		
600.00	599.13	751.46	749.05	3.60	3.85	149.22	27.48	-1,045.01	1,073.84	1,065.53	8.31	129.214		
700.00	698.15	891.69	886.59	3.74	4.13	150.66	42.95	-1,022.51	1,070.22	1,061.57	8.65	123.706		
800.00	796.63	1,015.73	1,007.04	3.93	4.46	152.24	59.69	-998.15	1,066.51	1,057.45	9.05	117.801		
900.00	894.68	1,112.54	1,100.79	4.15	4.75	153.54	73.37	-978.24	1,064.60	1,055.12	9.48	112.264		
1,000.00	992.71	1,209.34	1,194.53	4.40	5.07	154.85	87.05	-958.33	1,063.34	1,053.39	9.96	106.799		
1,100.00	1,090.75	1,306.14	1,288.27	4.68	5.41	156.16	100.73	-938.42	1,062.67	1,052.21	10.47	101.523		
1,163.22	1,152.73	1,367.34	1,347.53	4.87	5.64	156.99	109.38	-925.84	1,062.55	1,051.74	10.81	98.295	CC	
1,200.00	1,188.79	1,402.95	1,382.01	4.98	5.77	157.47	114.42	-918.52	1,062.59	1,051.59	11.01	96.528		
1,300.00	1,286.83	1,500.25	1,475.75	5.30	6.14	158.78	128.10	-898.61	1,063.11	1,051.53	11.58	91.813	ES	
1,400.00	1,384.86	1,596.55	1,569.49	5.63	6.52	160.08	141.78	-878.70	1,064.21	1,052.04	12.17	87.445		
1,500.00	1,482.90	1,706.64	1,663.23	5.98	6.97	161.39	155.46	-858.79	1,065.91	1,053.08	12.83	83.077		
1,600.00	1,580.94	1,809.84	1,756.97	6.33	7.38	162.69	169.14	-838.88	1,068.19	1,054.72	13.47	79.302		
1,700.00	1,678.98	1,886.96	1,850.72	6.69	7.56	163.98	182.82	-818.98	1,071.05	1,057.31	13.74	77.938		
1,800.00	1,777.01	1,983.76	1,944.46	7.06	7.64	165.26	196.50	-799.07	1,074.49	1,060.39	14.10	76.191		
1,900.00	1,875.05	2,080.57	2,038.20	7.27	7.72	166.54	210.18	-779.16	1,078.51	1,064.39	14.12	76.396		
2,000.00	1,973.09	2,177.37	2,131.94	7.31	7.81	167.81	223.86	-759.25	1,083.09	1,068.85	14.23	76.104		
2,100.00	2,071.13	2,274.17	2,225.68	7.38	7.92	169.07	237.55	-739.34	1,088.23	1,073.84	14.38	75.671		
2,200.00	2,169.16	2,370.98	2,319.42	7.46	8.04	170.31	251.23	-719.44	1,093.92	1,079.35	14.56	75.109		
2,300.00	2,267.20	2,467.78	2,413.16	7.56	8.19	171.55	264.91	-699.53	1,100.15	1,085.37	14.78	74.431		
2,400.00	2,365.24	2,564.58	2,506.90	7.67	8.34	172.77	278.59	-679.62	1,106.92	1,091.89	15.03	73.654		
2,500.00	2,463.28	2,661.39	2,600.64	7.80	8.51	173.97	292.27	-659.71	1,114.21	1,098.90	15.31	72.794		
2,600.00	2,561.31	2,758.19	2,694.38	7.95	8.70	175.16	305.95	-639.80	1,122.01	1,106.40	15.61	71.867		
2,700.00	2,659.35	2,854.99	2,788.12	8.11	8.90	176.34	319.63	-619.90	1,130.32	1,114.37	15.95	70.887		
2,800.00	2,757.39	2,951.80	2,881.86	8.28	9.11	177.49	333.31	-599.99	1,139.11	1,122.81	16.30	69.869		
2,900.00	2,855.43	3,048.60	2,975.60	8.47	9.33	178.63	346.99	-580.08	1,148.39	1,131.71	16.69	68.827		
3,000.00	2,953.46	3,145.40	3,069.34	8.66	9.56	179.75	360.68	-560.17	1,158.14	1,141.05	17.09	67.771		
3,100.00	3,051.50	3,242.20	3,163.09	8.87	9.80	-179.14	374.36	-540.26	1,168.35	1,150.83	17.51	66.712		
3,200.00	3,149.54	3,339.01	3,256.83	9.09	10.04	-178.06	388.04	-520.36	1,179.00	1,161.04	17.96	65.658		
3,300.00	3,247.58	3,435.81	3,350.57	9.32	10.30	-176.99	401.72	-500.45	1,190.08	1,171.66	18.42	64.616		
3,400.00	3,345.61	3,532.61	3,444.31	9.55	10.57	-175.94	415.40	-480.54	1,201.59	1,182.69	18.90	63.591		
3,500.00	3,443.65	3,629.42	3,538.05	9.80	10.84	-174.91	429.08	-460.63	1,213.50	1,194.11	19.39	62.590		
3,600.00	3,541.69	3,726.22	3,631.79	10.05	11.11	-173.90	442.76	-440.72	1,225.81	1,205.92	19.90	61.614		
3,700.00	3,639.73	3,823.02	3,725.53	10.31	11.40	-172.91	456.44	-420.82	1,238.51	1,218.10	20.42	60.666		
3,800.00	3,737.76	3,919.83	3,819.27	10.57	11.69	-171.94	470.12	-400.91	1,251.58	1,230.64	20.95	59.749		
3,900.00	3,835.80	4,016.63	3,913.01	10.84	11.98	-170.99	483.81	-381.00	1,265.02	1,243.53	21.49	58.864		
4,000.00	3,933.84	4,113.43	4,006.75	11.12	12.28	-170.06	497.49	-361.09	1,278.80	1,256.76	22.04	58.011		
4,100.00	4,031.88	4,210.23	4,100.49	11.40	12.59	-169.15	511.17	-341.18	1,292.93	1,270.32	22.61	57.190		
4,200.00	4,129.91	4,307.04	4,194.23	11.69	12.89	-168.26	524.85	-321.28	1,307.38	1,284.20	23.18	56.402		
4,300.00	4,227.95	4,403.84	4,287.97	11.98	13.21	-167.38	538.53	-301.37	1,322.15	1,298.39	23.76	55.645		
4,400.00	4,325.99	4,500.64	4,381.71	12.27	13.52	-166.53	552.21	-281.46	1,337.23	1,312.88	24.35	54.920		
4,500.00	4,424.03	4,602.55	4,475.46	12.57	13.86	-165.69	565.89	-261.55	1,352.61	1,327.65	24.96	54.189		
4,600.00	4,522.06	4,705.75	4,569.20	12.88	14.20	-164.87	579.57	-241.64	1,368.27	1,342.69	25.58	53.480		
4,700.00	4,620.10	4,808.95	4,662.94	13.18	14.55	-164.07	593.25	-221.74	1,384.21	1,358.00	26.21	52.803		
4,800.00	4,718.14	4,887.86	4,756.68	13.49	14.82	-163.29	606.93	-201.83	1,400.42	1,373.65	26.77	52.315		
4,900.00	4,816.17	4,984.66	4,850.42	13.80	15.15	-162.52	620.62	-181.92	1,416.89	1,389.50	27.39	51.733		
5,000.00	4,914.21	5,081.46	4,944.16	14.12	15.48	-161.77	634.30	-162.01	1,433.60	1,405.59	28.01	51.176		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,178.26	5,037.90	14.43	15.82	-161.04	647.98	-142.10	1,450.56	1,421.92	28.64	50.644		
5,200.00	5,110.29	5,275.07	5,131.64	14.75	16.15	-160.32	661.66	-122.20	1,467.75	1,438.48	29.28	50.135		
5,300.00	5,208.32	5,371.87	5,225.38	15.07	16.49	-159.62	675.34	-102.29	1,485.17	1,455.25	29.91	49.648		
5,400.00	5,306.36	5,468.67	5,319.12	15.40	16.83	-158.94	689.02	-82.38	1,502.80	1,472.24	30.56	49.182		
5,500.00	5,404.40	5,565.48	5,412.86	15.72	17.17	-158.27	702.70	-62.47	1,520.64	1,489.44	31.20	48.737		
5,600.00	5,502.44	5,662.28	5,506.60	16.05	17.52	-157.62	716.38	-42.56	1,538.69	1,506.84	31.85	48.310		
5,700.00	5,600.47	5,759.08	5,600.34	16.38	17.87	-156.98	730.06	-22.66	1,556.92	1,524.42	32.50	47.902		
5,800.00	5,698.51	5,855.89	5,694.09	16.71	18.21	-156.36	743.75	-2.75	1,575.35	1,542.19	33.16	47.512		
5,900.00	5,796.55	5,952.69	5,787.83	17.04	18.56	-155.75	757.43	17.16	1,593.96	1,560.14	33.82	47.137		
6,000.00	5,894.59	6,049.49	5,881.57	17.38	18.91	-155.15	771.11	37.07	1,612.74	1,578.27	34.48	46.779		
6,100.00	5,992.62	6,146.29	5,975.31	17.71	19.26	-154.57	784.79	56.98	1,631.70	1,596.56	35.14	46.435		
6,200.00	6,090.66	6,243.10	6,069.05	18.05	19.61	-154.00	798.47	76.88	1,650.81	1,615.01	35.80	46.106		
6,300.00	6,188.70	6,339.90	6,162.79	18.39	19.97	-153.44	812.15	96.79	1,670.09	1,633.62	36.47	45.790		
6,400.00	6,286.74	6,436.70	6,256.53	18.72	20.32	-152.90	825.83	116.70	1,689.51	1,652.37	37.14	45.487		
6,500.00	6,384.77	6,533.51	6,350.27	19.06	20.68	-152.37	839.51	136.61	1,709.09	1,671.27	37.81	45.196		
6,600.00	6,482.81	6,630.31	6,444.01	19.40	21.03	-151.84	853.19	156.51	1,728.81	1,690.32	38.49	44.917		
6,700.00	6,580.86	7,989.31	7,188.15	19.74	31.75	-126.05	937.70	1,071.35	1,714.69	1,667.19	47.50	36.101		
6,800.00	6,679.86	8,003.13	7,188.13	19.94	31.92	-179.51	937.46	1,078.90	1,692.51	1,643.96	48.55	34.861		
6,900.00	6,778.81	7,988.77	7,188.16	20.07	31.74	128.33	937.72	1,070.80	1,676.59	1,627.46	49.13	34.127		
7,000.00	6,875.27	7,965.20	7,188.24	20.15	31.46	113.16	938.48	1,047.25	1,667.28	1,617.86	49.42	33.736		
7,100.00	6,966.86	7,926.75	7,188.38	20.17	30.99	106.28	939.73	1,008.82	1,664.28	1,614.93	49.36	33.720 SF		
7,101.66	6,968.32	7,926.00	7,188.38	20.17	30.98	106.19	939.75	1,008.06	1,664.28	1,614.93	49.35	33.723		
7,200.00	7,051.33	7,874.37	7,188.57	20.15	30.37	101.52	941.42	956.46	1,666.72	1,617.74	48.98	34.032		
7,300.00	7,126.59	7,809.33	7,188.80	20.10	29.62	97.48	943.53	891.46	1,673.27	1,624.93	48.34	34.615		
7,400.00	7,190.80	7,719.96	7,188.23	20.04	28.62	93.59	946.28	802.14	1,682.27	1,634.87	47.40	35.489		
7,500.00	7,242.38	7,602.16	7,171.76	19.99	27.33	89.57	947.48	685.68	1,690.92	1,644.74	46.18	36.618		
7,600.00	7,280.05	7,500.55	7,140.72	19.97	26.28	86.25	945.82	589.05	1,698.43	1,653.25	45.18	37.590		
7,700.00	7,302.88	7,410.15	7,100.67	19.99	25.41	83.52	942.27	508.17	1,704.67	1,660.25	44.41	38.381		
7,800.00	7,310.32	7,327.74	7,054.63	20.09	24.68	81.32	937.41	440.06	1,709.33	1,665.48	43.85	38.980		
7,900.00	7,307.40	7,254.20	7,006.53	20.33	24.08	79.70	931.83	384.77	1,713.61	1,670.10	43.51	39.384		
8,000.00	7,304.23	7,193.43	6,962.26	20.77	23.64	78.25	926.38	343.53	1,720.75	1,677.34	43.41	39.640		
8,100.00	7,301.05	7,143.30	6,922.97	21.38	23.30	76.97	921.36	312.83	1,731.51	1,688.01	43.50	39.808		
8,200.00	7,297.88	7,100.00	6,887.20	22.15	23.02	75.80	916.66	288.90	1,746.33	1,702.62	43.71	39.952		
8,300.00	7,294.71	7,066.98	6,858.90	23.03	22.83	74.87	912.86	272.32	1,765.51	1,721.45	44.06	40.071		
8,400.00	7,291.54	7,037.66	6,833.09	24.00	22.67	74.03	909.35	258.86	1,789.16	1,744.70	44.46	40.240		
8,500.00	7,288.36	7,012.69	6,810.66	25.05	22.54	73.30	906.26	248.35	1,817.32	1,772.41	44.91	40.466		
8,600.00	7,285.19	7,000.00	6,799.10	26.17	22.47	72.93	904.65	243.35	1,849.96	1,804.53	45.43	40.722		
8,700.00	7,282.02	6,972.63	6,773.87	27.34	22.34	72.11	901.12	233.37	1,886.83	1,840.97	45.86	41.145		
8,800.00	7,278.85	6,950.00	6,752.70	28.57	22.24	71.42	898.12	225.95	1,927.91	1,881.62	46.29	41.644		
8,900.00	7,275.67	6,950.00	6,752.70	29.84	22.24	71.42	898.12	225.95	1,972.93	1,926.11	46.82	42.136		
9,000.00	7,272.50	6,929.40	6,733.22	31.14	22.15	70.79	895.34	219.86	2,021.63	1,974.40	47.23	42.808		
9,100.00	7,269.33	6,918.10	6,722.46	32.48	22.11	70.45	893.80	216.79	2,073.86	2,026.22	47.64	43.533		
9,200.00	7,266.15	6,900.00	6,705.11	33.85	22.03	69.89	891.29	212.27	2,129.41	2,081.41	47.99	44.370		
9,300.00	7,262.98	6,900.00	6,705.11	35.24	22.03	69.89	891.29	212.27	2,187.91	2,139.52	48.39	45.216		
9,400.00	7,259.81	6,890.58	6,696.03	36.66	22.00	69.60	889.97	210.12	2,249.27	2,200.56	48.72	46.170		
9,500.00	7,256.64	6,880.41	6,686.20	38.10	21.96	69.28	888.54	207.95	2,313.26	2,264.24	49.02	47.194		
9,600.00	7,253.46	6,865.63	6,671.88	39.55	21.90	68.82	886.45	204.91	2,379.61	2,330.33	49.28	48.292		
9,700.00	7,250.29	6,841.94	6,648.95	41.02	21.82	68.10	883.10	200.04	2,448.03	2,398.54	49.49	49.469		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.39	-1.09	160.09	160.09					
100.00	100.00	100.00	100.00	3.28	3.28	90.39	-1.09	160.09	160.09	152.56	7.53	21.263		
200.00	200.00	200.00	200.00	3.31	3.31	90.39	-1.09	160.09	160.09	152.52	7.57	21.137		
300.00	300.00	297.68	297.68	3.35	3.35	-32.96	-0.90	160.43	160.08	152.43	7.66	20.902		
359.18	359.15	354.09	354.07	3.38	3.38	-33.53	-0.16	161.73	160.08	152.35	7.72	20.729	CC	
400.00	399.93	392.96	392.90	3.41	3.41	-34.17	0.66	163.19	160.09	152.32	7.77	20.600	ES	
500.00	499.68	487.98	487.71	3.49	3.49	-36.57	3.76	168.69	160.31	152.39	7.92	20.242		
600.00	599.13	582.57	581.83	3.60	3.60	-40.12	8.37	176.88	161.21	153.10	8.11	19.889		
700.00	698.15	676.56	674.99	3.74	3.73	-44.70	14.47	187.70	163.41	155.07	8.33	19.612		
800.00	796.63	769.80	766.95	3.93	3.88	-50.13	21.99	201.06	167.68	159.07	8.61	19.479		
900.00	894.68	865.13	860.50	4.15	4.08	-56.10	30.99	217.03	175.08	166.11	8.96	19.532		
1,000.00	992.71	963.05	956.52	4.40	4.30	-61.74	40.41	233.74	184.73	175.33	9.40	19.652		
1,100.00	1,090.75	1,060.96	1,052.54	4.68	4.56	-66.78	49.83	250.46	196.02	186.13	9.89	19.827		
1,200.00	1,188.79	1,158.87	1,148.55	4.98	4.83	-71.26	59.25	267.17	208.68	198.26	10.42	20.034		
1,300.00	1,286.83	1,256.79	1,244.57	5.30	5.12	-75.22	68.67	283.89	222.47	211.49	10.98	20.259		
1,400.00	1,384.86	1,354.70	1,340.59	5.63	5.42	-78.71	78.09	300.60	237.21	225.64	11.58	20.492		
1,500.00	1,482.90	1,452.62	1,436.60	5.98	5.73	-81.79	87.50	317.32	252.72	240.53	12.19	20.727		
1,600.00	1,580.94	1,550.53	1,532.62	6.33	6.06	-84.51	96.92	334.03	268.88	256.04	12.83	20.952		
1,700.00	1,678.98	1,648.45	1,628.64	6.69	6.39	-86.93	106.34	350.75	285.56	272.07	13.49	21.171		
1,800.00	1,777.01	1,746.36	1,724.65	7.06	6.73	-89.08	115.76	367.46	302.69	288.53	14.16	21.379		
1,900.00	1,875.05	1,844.28	1,820.67	7.27	7.01	-90.99	125.18	384.18	320.19	305.96	14.23	22.506		
2,000.00	1,973.09	1,942.19	1,916.69	7.31	7.13	-92.71	134.60	400.89	338.01	323.62	14.39	23.487		
2,100.00	2,071.13	2,040.11	2,012.70	7.38	7.18	-94.26	144.02	417.61	356.09	341.59	14.50	24.550		
2,200.00	2,169.16	2,138.02	2,108.72	7.46	7.25	-95.66	153.43	434.32	374.40	359.75	14.65	25.556		
2,300.00	2,267.20	2,235.94	2,204.73	7.56	7.33	-96.93	162.85	451.04	392.91	378.09	14.83	26.500		
2,400.00	2,365.24	2,333.85	2,300.75	7.67	7.43	-98.08	172.27	467.75	411.59	396.56	15.03	27.378		
2,500.00	2,463.28	2,431.77	2,396.77	7.80	7.54	-99.14	181.69	484.47	430.42	415.15	15.27	28.189		
2,600.00	2,561.31	2,529.68	2,492.78	7.95	7.67	-100.10	191.11	501.18	449.38	433.85	15.53	28.932		
2,700.00	2,659.35	2,627.59	2,588.80	8.11	7.81	-100.99	200.53	517.90	468.45	452.63	15.82	29.608		
2,800.00	2,757.39	2,725.51	2,684.82	8.28	7.96	-101.81	209.95	534.61	487.63	471.49	16.14	30.220		
2,900.00	2,855.43	2,823.42	2,780.83	8.47	8.13	-102.56	219.36	551.33	506.89	490.41	16.47	30.769		
3,000.00	2,953.46	2,921.34	2,876.85	8.66	8.30	-103.27	228.78	568.04	526.23	509.39	16.83	31.261		
3,100.00	3,051.50	3,019.25	2,972.87	8.87	8.48	-103.92	238.20	584.76	545.64	528.43	17.21	31.698		
3,200.00	3,149.54	3,117.17	3,068.88	9.09	8.68	-104.53	247.62	601.47	565.11	547.50	17.61	32.084		
3,300.00	3,247.58	3,215.08	3,164.90	9.32	8.88	-105.09	257.04	618.19	584.65	566.62	18.03	32.424		
3,400.00	3,345.61	3,313.00	3,260.92	9.55	9.10	-105.62	266.46	634.90	604.23	585.76	18.47	32.722		
3,500.00	3,443.65	3,410.91	3,356.93	9.80	9.32	-106.12	275.88	651.62	623.86	604.95	18.92	32.982		
3,600.00	3,541.69	3,508.83	3,452.95	10.05	9.54	-106.59	285.29	668.33	643.53	624.16	19.38	33.208		
3,700.00	3,639.73	3,606.74	3,548.97	10.31	9.78	-107.03	294.71	685.05	663.25	643.39	19.86	33.401		
3,800.00	3,737.76	3,704.66	3,644.98	10.57	10.02	-107.44	304.13	701.76	682.99	662.65	20.35	33.567		
3,900.00	3,835.80	3,802.57	3,741.00	10.84	10.27	-107.83	313.55	718.48	702.77	681.92	20.85	33.708		
4,000.00	3,933.84	3,900.49	3,837.02	11.12	10.52	-108.20	322.97	735.19	722.58	701.22	21.36	33.827		
4,100.00	4,031.88	4,001.60	3,933.03	11.40	10.79	-108.55	332.39	751.91	742.42	720.53	21.89	33.914		
4,200.00	4,129.91	4,103.69	4,029.05	11.69	11.06	-108.88	341.81	768.62	762.28	739.85	22.43	33.979		
4,300.00	4,227.95	4,205.77	4,125.07	11.98	11.34	-109.19	351.22	785.34	782.17	759.18	22.99	34.028		
4,400.00	4,325.99	4,307.86	4,221.08	12.27	11.62	-109.49	360.64	802.05	802.07	778.53	23.55	34.064		
4,500.00	4,424.03	4,409.94	4,317.10	12.57	11.91	-109.78	370.06	818.77	822.00	797.89	24.11	34.089		
4,600.00	4,522.06	4,487.97	4,413.12	12.88	12.13	-110.05	379.48	835.48	841.95	817.32	24.62	34.197		
4,700.00	4,620.10	4,585.89	4,509.13	13.18	12.41	-110.31	388.90	852.20	861.91	836.72	25.19	34.217		
4,800.00	4,718.14	4,683.80	4,605.15	13.49	12.70	-110.55	398.32	868.91	881.89	856.12	25.76	34.229		
4,900.00	4,816.17	4,781.72	4,701.17	13.80	12.98	-110.79	407.74	885.63	901.88	875.54	26.34	34.234		
5,000.00	4,914.21	4,879.63	4,797.18	14.12	13.27	-111.02	417.15	902.34	921.89	894.96	26.93	34.232		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-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	5,012.25	4,977.55	4,893.20	14.43	13.57	-111.23	426.57	919.06	941.91	914.39	27.52	34.225		
5,200.00	5,110.29	5,075.46	4,989.22	14.75	13.86	-111.44	435.99	935.77	961.94	933.83	28.12	34.213		
5,300.00	5,208.32	5,173.38	5,085.23	15.07	14.16	-111.64	445.41	952.49	981.99	953.27	28.72	34.197		
5,400.00	5,306.36	5,271.29	5,181.25	15.40	14.46	-111.83	454.83	969.20	1,002.04	972.72	29.32	34.177		
5,500.00	5,404.40	5,369.21	5,277.27	15.72	14.76	-112.01	464.25	985.92	1,022.11	992.18	29.93	34.154		
5,600.00	5,502.44	5,467.12	5,373.28	16.05	15.07	-112.19	473.67	1,002.63	1,042.19	1,011.65	30.54	34.128		
5,700.00	5,600.47	5,565.03	5,469.30	16.38	15.37	-112.36	483.08	1,019.35	1,062.27	1,031.12	31.15	34.100		
5,800.00	5,698.51	5,662.95	5,565.31	16.71	15.68	-112.52	492.50	1,036.06	1,082.36	1,050.60	31.77	34.069		
5,900.00	5,796.55	5,760.86	5,661.33	17.04	15.99	-112.68	501.92	1,052.78	1,102.47	1,070.08	32.39	34.037		
6,000.00	5,894.59	5,858.78	5,757.35	17.38	16.30	-112.83	511.34	1,069.49	1,122.58	1,089.56	33.01	34.004		
6,100.00	5,992.62	5,956.69	5,853.36	17.71	16.61	-112.98	520.76	1,086.21	1,142.69	1,109.05	33.64	33.969		
6,200.00	6,090.66	6,054.61	5,949.38	18.05	16.92	-113.12	530.18	1,102.92	1,162.82	1,128.55	34.27	33.933		
6,300.00	6,188.70	6,152.52	6,045.40	18.39	17.23	-113.25	539.60	1,119.64	1,182.95	1,148.05	34.90	33.897		
6,400.00	6,286.74	6,250.44	6,141.41	18.72	17.55	-113.39	549.01	1,136.35	1,203.08	1,167.55	35.53	33.859		
6,500.00	6,384.77	6,348.94	6,238.01	19.06	17.87	-113.51	558.49	1,153.17	1,223.22	1,187.06	36.17	33.820		
6,600.00	6,482.81	6,479.37	6,367.30	19.40	18.14	-114.32	571.24	1,161.70	1,242.03	1,205.23	36.79	33.758		
6,700.00	6,580.86	6,599.60	6,485.74	19.74	18.29	-118.10	583.02	1,145.98	1,258.93	1,221.67	37.26	33.792		
6,800.00	6,679.86	6,708.53	6,588.79	19.94	18.34	-177.43	593.37	1,112.66	1,276.31	1,238.82	37.49	34.044		
6,900.00	6,778.81	6,810.00	6,678.40	20.07	18.34	125.72	602.45	1,066.16	1,295.03	1,257.43	37.59	34.450		
7,000.00	6,875.27	6,905.47	6,755.00	20.15	18.32	107.06	610.28	1,009.87	1,314.55	1,276.95	37.60	34.958		
7,100.00	6,966.86	6,996.15	6,819.24	20.17	18.29	97.86	616.93	946.32	1,334.27	1,296.70	37.57	35.516		
7,200.00	7,051.33	7,083.01	6,871.74	20.15	18.28	91.80	622.44	877.44	1,353.55	1,316.02	37.53	36.065		
7,300.00	7,126.59	7,166.79	6,913.10	20.10	18.31	87.27	626.87	804.78	1,371.74	1,334.20	37.54	36.545		
7,400.00	7,190.80	7,248.10	6,943.83	20.04	18.40	83.71	630.25	729.64	1,388.24	1,350.61	37.63	36.895		
7,500.00	7,242.38	7,327.39	6,964.38	19.99	18.56	80.91	632.64	653.15	1,402.50	1,364.65	37.85	37.058		
7,600.00	7,280.05	7,405.04	6,975.19	19.97	18.79	78.74	634.06	576.32	1,414.06	1,375.84	38.21	37.006		
7,700.00	7,302.88	7,484.39	6,976.68	19.99	19.10	77.15	634.58	497.02	1,422.50	1,383.76	38.74	36.715		
7,800.00	7,310.32	7,583.79	6,974.29	20.09	19.63	76.37	634.80	397.65	1,426.52	1,386.96	39.56	36.059		
7,900.00	7,307.40	7,683.78	6,971.88	20.33	20.29	76.39	635.03	297.69	1,427.02	1,386.39	40.62	35.128		
8,000.00	7,304.23	7,783.78	6,969.48	20.77	21.07	76.42	635.25	197.72	1,427.42	1,385.50	41.92	34.050		
8,100.00	7,301.05	7,883.77	6,967.07	21.38	21.95	76.46	635.48	97.76	1,427.83	1,384.40	43.43	32.875		
8,200.00	7,297.88	7,983.77	6,964.66	22.15	22.91	76.49	635.70	-2.21	1,428.24	1,383.10	45.14	31.644		
8,300.00	7,294.71	8,083.76	6,962.26	23.03	23.96	76.53	635.92	-102.18	1,428.65	1,381.64	47.01	30.391		
8,400.00	7,291.54	8,183.76	6,959.85	24.00	25.06	76.56	636.15	-202.14	1,429.06	1,380.02	49.03	29.145		
8,500.00	7,288.36	8,283.76	6,957.44	25.05	26.23	76.60	636.37	-302.11	1,429.47	1,378.28	51.19	27.924		
8,600.00	7,285.19	8,383.75	6,955.04	26.17	27.45	76.64	636.60	-402.07	1,429.88	1,376.41	53.47	26.743		
8,700.00	7,282.02	8,483.75	6,952.63	27.34	28.71	76.67	636.82	-502.04	1,430.29	1,374.44	55.85	25.612		
8,800.00	7,278.85	8,583.74	6,950.23	28.57	30.02	76.71	637.05	-602.01	1,430.70	1,372.39	58.31	24.534		
8,900.00	7,275.67	8,683.74	6,947.82	29.84	31.35	76.74	637.27	-701.97	1,431.11	1,370.25	60.86	23.514		
9,000.00	7,272.50	8,783.73	6,945.41	31.14	32.72	76.78	637.50	-801.94	1,431.52	1,368.04	63.48	22.551		
9,100.00	7,269.33	8,883.73	6,943.01	32.48	34.11	76.81	637.72	-901.90	1,431.94	1,365.78	66.16	21.644		
9,200.00	7,266.15	8,983.72	6,940.60	33.85	35.53	76.85	637.95	-1,001.87	1,432.35	1,363.46	68.89	20.791		
9,300.00	7,262.98	9,083.72	6,938.20	35.24	36.97	76.88	638.17	-1,101.84	1,432.77	1,361.09	71.68	19.990		
9,400.00	7,259.81	9,183.71	6,935.79	36.66	38.43	76.92	638.39	-1,201.80	1,433.18	1,358.68	74.50	19.237		
9,500.00	7,256.64	9,283.71	6,933.38	38.10	39.90	76.95	638.62	-1,301.77	1,433.60	1,356.23	77.36	18.531		
9,600.00	7,253.46	9,383.70	6,930.98	39.55	41.39	76.99	638.84	-1,401.73	1,434.01	1,353.75	80.26	17.867		
9,700.00	7,250.29	9,483.70	6,928.57	41.02	42.89	77.02	639.07	-1,501.70	1,434.43	1,351.24	83.19	17.243		
9,800.00	7,247.12	9,583.69	6,926.16	42.51	44.41	77.06	639.29	-1,601.67	1,434.84	1,348.70	86.14	16.657		
9,900.00	7,243.95	9,683.69	6,923.76	44.01	45.93	77.10	639.52	-1,701.63	1,435.26	1,346.14	89.12	16.105		
10,000.00	7,240.77	9,783.68	6,921.35	45.52	47.47	77.13	639.74	-1,801.60	1,435.68	1,343.56	92.12	15.584		
10,100.00	7,237.60	9,883.68	6,918.95	47.04	49.01	77.17	639.97	-1,901.56	1,436.10	1,340.95	95.15	15.094		
10,200.00	7,234.43	9,983.67	6,916.54	48.57	50.57	77.20	640.19	-2,001.53	1,436.52	1,338.33	98.19	14.631		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,083.67	6,914.13	50.11	52.13	77.24	640.41	-2,101.50	1,436.94	1,335.69	101.24	14.193		
10,400.00	7,228.08	10,183.66	6,911.73	51.66	53.69	77.27	640.64	-2,201.46	1,437.36	1,333.04	104.32	13.779		
10,500.00	7,224.91	10,283.66	6,909.32	53.21	55.26	77.31	640.86	-2,301.43	1,437.78	1,330.37	107.40	13.387		
10,600.00	7,221.74	10,383.66	6,906.92	54.78	56.84	77.34	641.09	-2,401.39	1,438.20	1,327.70	110.50	13.015		
10,700.00	7,218.56	10,483.65	6,904.51	56.34	58.43	77.38	641.31	-2,501.36	1,438.62	1,325.01	113.62	12.662		
10,800.00	7,215.39	10,583.65	6,902.10	57.92	60.01	77.41	641.54	-2,601.33	1,439.04	1,322.31	116.74	12.327		
10,900.00	7,212.22	10,683.64	6,899.70	59.50	61.61	77.45	641.76	-2,701.29	1,439.47	1,319.60	119.87	12.008		
11,000.00	7,209.05	10,783.64	6,897.29	61.08	63.20	77.48	641.99	-2,801.26	1,439.89	1,316.88	123.01	11.705		
11,100.00	7,205.87	10,883.63	6,894.88	62.67	64.80	77.52	642.21	-2,901.22	1,440.31	1,314.15	126.16	11.416		
11,200.00	7,202.70	10,983.63	6,892.48	64.26	66.41	77.55	642.44	-3,001.19	1,440.74	1,311.41	129.32	11.140		
11,300.00	7,199.53	11,083.62	6,890.07	65.86	68.01	77.59	642.66	-3,101.16	1,441.16	1,308.67	132.49	10.877		
11,400.00	7,196.36	11,183.62	6,887.67	67.46	69.62	77.62	642.88	-3,201.12	1,441.59	1,305.92	135.67	10.626		
11,500.00	7,193.18	11,283.61	6,885.26	69.06	71.24	77.66	643.11	-3,301.09	1,442.01	1,303.17	138.85	10.386		
11,600.00	7,190.01	11,383.61	6,882.85	70.67	72.85	77.69	643.33	-3,401.05	1,442.44	1,300.41	142.03	10.156		
11,700.00	7,186.84	11,483.60	6,880.45	72.28	74.47	77.73	643.56	-3,501.02	1,442.87	1,297.64	145.23	9.935		
11,800.00	7,183.66	11,583.60	6,878.04	73.89	76.09	77.76	643.78	-3,600.99	1,443.30	1,294.87	148.43	9.724		
11,900.00	7,180.49	11,683.59	6,875.63	75.50	77.72	77.80	644.01	-3,700.95	1,443.72	1,292.09	151.63	9.521		
12,000.00	7,177.32	11,783.59	6,873.23	77.12	79.34	77.83	644.23	-3,800.92	1,444.15	1,289.31	154.84	9.327		
12,100.00	7,174.15	11,883.58	6,870.82	78.74	80.97	77.86	644.46	-3,900.88	1,444.58	1,286.53	158.05	9.140		
12,200.00	7,170.97	11,983.58	6,868.42	80.36	82.60	77.90	644.68	-4,000.85	1,445.01	1,283.74	161.27	8.960		
12,300.00	7,167.80	12,083.57	6,866.01	81.99	84.23	77.93	644.90	-4,100.82	1,445.44	1,280.95	164.49	8.787		
12,400.00	7,164.63	12,183.57	6,863.60	83.61	85.86	77.97	645.13	-4,200.78	1,445.87	1,278.16	167.72	8.621		
12,500.00	7,161.46	12,283.56	6,861.20	85.24	87.49	78.00	645.35	-4,300.75	1,446.30	1,275.36	170.95	8.461		
12,600.00	7,158.28	12,383.56	6,858.79	86.87	89.13	78.04	645.58	-4,400.71	1,446.74	1,272.56	174.18	8.306		
12,700.00	7,155.11	12,483.56	6,856.39	88.50	90.76	78.07	645.80	-4,500.68	1,447.17	1,269.75	177.42	8.157		
12,800.00	7,151.94	12,583.55	6,853.98	90.13	92.40	78.11	646.03	-4,600.65	1,447.60	1,266.94	180.66	8.013		
12,900.00	7,148.76	12,683.55	6,851.57	91.76	94.04	78.14	646.25	-4,700.61	1,448.03	1,264.14	183.90	7.874		
13,000.00	7,145.59	12,783.54	6,849.17	93.40	95.68	78.18	646.48	-4,800.58	1,448.47	1,261.32	187.15	7.740		
13,100.00	7,142.42	12,883.54	6,846.76	95.03	97.32	78.21	646.70	-4,900.54	1,448.90	1,258.51	190.39	7.610		
13,200.00	7,139.25	12,983.53	6,844.35	96.67	98.96	78.25	646.93	-5,000.51	1,449.34	1,255.69	193.65	7.484		
13,300.00	7,136.07	13,083.53	6,841.95	98.31	100.61	78.28	647.15	-5,100.48	1,449.77	1,252.87	196.90	7.363		
13,400.00	7,132.90	13,183.52	6,839.54	99.95	102.25	78.32	647.37	-5,200.44	1,450.21	1,250.05	200.16	7.245		
13,500.00	7,129.73	13,283.52	6,837.14	101.59	103.89	78.35	647.60	-5,300.41	1,450.65	1,247.23	203.42	7.131		
13,600.00	7,126.56	13,383.51	6,834.73	103.23	105.54	78.38	647.82	-5,400.37	1,451.08	1,244.41	206.68	7.021		
13,700.00	7,123.38	13,483.51	6,832.32	104.87	107.19	78.42	648.05	-5,500.34	1,451.52	1,241.58	209.94	6.914		
13,800.00	7,120.21	13,583.50	6,829.92	106.51	108.83	78.45	648.27	-5,600.31	1,451.96	1,238.75	213.21	6.810		
13,900.00	7,117.04	13,683.50	6,827.51	108.16	110.48	78.49	648.50	-5,700.27	1,452.40	1,235.93	216.47	6.709		
14,000.00	7,113.87	13,783.49	6,825.11	109.80	112.13	78.52	648.72	-5,800.24	1,452.84	1,233.09	219.74	6.612		
14,100.00	7,110.69	13,883.49	6,822.70	111.45	113.78	78.56	648.95	-5,900.21	1,453.28	1,230.26	223.01	6.517		
14,200.00	7,107.52	13,983.48	6,820.29	113.10	115.43	78.59	649.17	-6,000.17	1,453.72	1,227.43	226.29	6.424		
14,300.00	7,104.35	14,083.48	6,817.89	114.74	117.08	78.62	649.39	-6,100.14	1,454.16	1,224.60	229.56	6.334		
14,400.00	7,101.17	14,183.47	6,815.48	116.39	118.73	78.66	649.62	-6,200.10	1,454.60	1,221.76	232.84	6.247		
14,500.00	7,098.00	14,283.47	6,813.07	118.04	120.39	78.69	649.84	-6,300.07	1,455.04	1,218.92	236.12	6.162		
14,600.00	7,094.83	14,383.46	6,810.67	119.69	122.04	78.73	650.07	-6,400.04	1,455.48	1,216.09	239.40	6.080		
14,700.00	7,091.66	14,483.46	6,808.26	121.34	123.69	78.76	650.29	-6,500.00	1,455.93	1,213.25	242.68	5.999		
14,800.00	7,088.48	14,583.46	6,805.86	122.99	125.35	78.80	650.52	-6,599.97	1,456.37	1,210.41	245.96	5.921		
14,900.00	7,085.31	14,683.45	6,803.45	124.64	127.00	78.83	650.74	-6,699.93	1,456.81	1,207.57	249.25	5.845		
15,000.00	7,082.14	14,783.45	6,801.04	126.29	128.65	78.86	650.97	-6,799.90	1,457.26	1,204.72	252.53	5.771		
15,100.00	7,078.97	14,883.44	6,798.64	127.94	130.31	78.90	651.19	-6,899.87	1,457.70	1,201.88	255.82	5.698		
15,200.00	7,075.79	14,983.44	6,796.23	129.60	131.96	78.93	651.42	-6,999.83	1,458.15	1,199.04	259.11	5.627		
15,300.00	7,072.62	15,083.43	6,793.83	131.25	133.62	78.97	651.64	-7,099.80	1,458.60	1,196.19	262.40	5.559		
15,400.00	7,069.45	15,183.43	6,791.42	132.90	135.28	79.00	651.86	-7,199.76	1,459.04	1,193.35	265.69	5.491		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
15,500.00	7,066.27	15,284.48	6,789.01	134.55	136.95	79.03	652.09	-7,299.73	1,459.49	1,190.49	269.00	5.426	
15,578.05	7,063.80	15,361.47	6,787.13	135.85	138.23	79.06	652.26	-7,377.75	1,459.84	1,188.29	271.55	5.376 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.35	-1.09	179.85	179.86					
100.00	100.00	101.00	101.00	3.28	3.28	90.35	-1.09	179.85	179.86	172.33	7.53	23.889		
200.00	200.00	201.00	201.00	3.31	3.31	90.35	-1.09	179.85	179.86	172.28	7.57	23.746		
300.00	300.00	298.56	298.55	3.35	3.35	-33.00	-0.85	180.18	179.84	172.18	7.66	23.479		
400.00	399.93	393.66	393.60	3.41	3.41	-34.19	1.05	182.75	179.64	171.87	7.77	23.111		
500.00	499.68	488.44	488.16	3.49	3.50	-36.55	4.81	187.82	179.46	171.54	7.92	22.650		
505.33	504.99	493.48	493.18	3.50	3.50	-36.71	5.06	188.16	179.46	171.53	7.93	22.624	CC, ES	
600.00	599.13	582.70	581.95	3.60	3.60	-40.04	10.39	195.36	179.79	171.67	8.11	22.165		
700.00	698.15	676.24	674.67	3.74	3.73	-44.59	17.73	205.29	181.30	172.96	8.34	21.740		
800.00	796.63	768.87	768.03	3.93	3.88	-50.03	26.78	217.52	184.89	176.27	8.62	21.458		
900.00	894.68	861.14	856.51	4.15	4.07	-55.96	37.53	232.04	192.12	183.17	8.95	21.468		
1,000.00	992.71	958.45	951.69	4.40	4.30	-61.79	49.59	248.34	202.79	193.41	9.38	21.615		
1,100.00	1,090.75	1,055.76	1,046.86	4.68	4.55	-67.02	61.65	264.65	215.41	205.54	9.86	21.841		
1,200.00	1,188.79	1,153.07	1,142.03	4.98	4.83	-71.66	73.72	280.95	229.65	219.26	10.39	22.113		
1,300.00	1,286.83	1,250.38	1,237.21	5.30	5.12	-75.74	85.78	297.26	245.23	234.28	10.94	22.409		
1,400.00	1,384.86	1,347.69	1,332.38	5.63	5.43	-79.34	97.85	313.56	261.91	250.38	11.53	22.715		
1,500.00	1,482.90	1,445.00	1,427.55	5.98	5.75	-82.50	109.91	329.86	279.50	267.36	12.14	23.027		
1,600.00	1,580.94	1,542.31	1,522.72	6.33	6.09	-85.29	121.97	346.17	297.83	285.06	12.77	23.325		
1,700.00	1,678.98	1,639.62	1,617.90	6.69	6.43	-87.76	134.04	362.47	316.78	303.36	13.42	23.612		
1,800.00	1,777.01	1,736.93	1,713.07	7.06	6.78	-89.95	146.10	378.77	336.23	322.16	14.08	23.885		
1,900.00	1,875.05	1,834.24	1,808.24	7.27	7.08	-91.90	158.17	395.08	356.12	341.97	14.15	25.160		
2,000.00	1,973.09	1,931.55	1,903.42	7.31	7.22	-93.65	170.23	411.38	376.37	362.04	14.33	26.267		
2,100.00	2,071.13	2,028.86	1,998.59	7.38	7.28	-95.22	182.30	427.68	396.92	382.48	14.44	27.493		
2,200.00	2,169.16	2,126.17	2,093.76	7.46	7.35	-96.63	194.36	443.99	417.73	403.15	14.58	28.654		
2,300.00	2,267.20	2,223.48	2,188.93	7.56	7.43	-97.91	206.42	460.29	438.76	424.01	14.75	29.744		
2,400.00	2,365.24	2,320.79	2,284.11	7.67	7.53	-99.08	218.49	476.59	459.99	445.03	14.95	30.759		
2,500.00	2,463.28	2,418.10	2,379.28	7.80	7.64	-100.14	230.55	492.90	481.38	466.19	15.19	31.697		
2,600.00	2,561.31	2,515.40	2,474.45	7.95	7.77	-101.11	242.62	509.20	502.92	487.47	15.45	32.557		
2,700.00	2,659.35	2,612.71	2,569.63	8.11	7.92	-102.00	254.68	525.50	524.58	508.85	15.73	33.340		
2,800.00	2,757.39	2,710.02	2,664.80	8.28	8.07	-102.83	266.74	541.81	546.36	530.31	16.05	34.048		
2,900.00	2,855.43	2,807.33	2,759.97	8.47	8.24	-103.59	278.81	558.11	568.23	551.85	16.38	34.685		
3,000.00	2,953.46	2,904.64	2,855.14	8.66	8.42	-104.29	290.87	574.41	590.20	573.46	16.74	35.255		
3,100.00	3,051.50	3,001.95	2,950.32	8.87	8.60	-104.94	302.94	590.72	612.24	595.12	17.12	35.762		
3,200.00	3,149.54	3,099.26	3,045.49	9.09	8.80	-105.55	315.00	607.02	634.36	616.84	17.52	36.210		
3,300.00	3,247.58	3,203.43	3,140.66	9.32	9.03	-106.12	327.07	623.33	656.54	638.59	17.95	36.577		
3,400.00	3,345.61	3,293.88	3,235.84	9.55	9.23	-106.65	339.13	639.63	678.77	660.40	18.37	36.951		
3,500.00	3,443.65	3,408.81	3,331.01	9.80	9.49	-107.14	351.19	655.93	701.06	682.20	18.86	37.176		
3,600.00	3,541.69	3,488.50	3,426.18	10.05	9.68	-107.61	363.26	672.24	723.40	704.11	19.28	37.515		
3,700.00	3,639.73	3,585.81	3,521.36	10.31	9.92	-108.05	375.32	688.54	745.77	726.01	19.76	37.741		
3,800.00	3,737.76	3,683.12	3,616.53	10.57	10.17	-108.46	387.39	704.84	768.19	747.94	20.25	37.935		
3,900.00	3,835.80	3,780.43	3,711.70	10.84	10.42	-108.85	399.45	721.15	790.64	769.89	20.75	38.100		
4,000.00	3,933.84	3,877.74	3,806.87	11.12	10.68	-109.21	411.51	737.45	813.13	791.86	21.26	38.240		
4,100.00	4,031.88	3,975.05	3,902.05	11.40	10.94	-109.56	423.58	753.75	835.64	813.86	21.79	38.356		
4,200.00	4,129.91	4,072.36	3,997.22	11.69	11.21	-109.89	435.64	770.06	858.19	835.87	22.32	38.453		
4,300.00	4,227.95	4,169.67	4,092.39	11.98	11.48	-110.20	447.71	786.36	880.75	857.90	22.86	38.531		
4,400.00	4,325.99	4,266.98	4,187.57	12.27	11.75	-110.50	459.77	802.66	903.35	879.94	23.41	38.594		
4,500.00	4,424.03	4,364.29	4,282.74	12.57	12.03	-110.78	471.83	818.97	925.96	902.00	23.96	38.643		
4,600.00	4,522.06	4,461.60	4,377.91	12.88	12.32	-111.05	483.90	835.27	948.60	924.07	24.52	38.679		
4,700.00	4,620.10	4,558.91	4,473.08	13.18	12.60	-111.31	495.96	851.57	971.25	946.16	25.09	38.704		
4,800.00	4,718.14	4,656.22	4,568.26	13.49	12.89	-111.56	508.03	867.88	993.92	968.25	25.67	38.720		
4,900.00	4,816.17	4,753.53	4,663.43	13.80	13.18	-111.79	520.09	884.18	1,016.61	990.36	26.25	38.728		
5,000.00	4,914.21	4,850.84	4,758.60	14.12	13.48	-112.01	532.16	900.48	1,039.31	1,012.48	26.84	38.728		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	4,948.15	4,853.78	14.43	13.78	-112.23	544.22	916.79	1,062.03	1,034.60	27.43	38.721		
5,200.00	5,110.29	5,045.46	4,948.95	14.75	14.08	-112.43	556.28	933.09	1,084.76	1,056.74	28.02	38.709		
5,300.00	5,208.32	5,142.77	5,044.12	15.07	14.38	-112.63	568.35	949.40	1,107.51	1,078.88	28.62	38.692		
5,400.00	5,306.36	5,240.08	5,139.29	15.40	14.68	-112.82	580.41	965.70	1,130.26	1,101.03	29.23	38.671		
5,500.00	5,404.40	5,337.39	5,234.47	15.72	14.99	-113.00	592.48	982.00	1,153.03	1,123.19	29.84	38.646		
5,600.00	5,502.44	5,434.70	5,329.64	16.05	15.30	-113.18	604.54	998.31	1,175.81	1,145.36	30.45	38.618		
5,700.00	5,600.47	5,532.01	5,424.81	16.38	15.61	-113.34	616.60	1,014.61	1,198.59	1,167.53	31.06	38.587		
5,800.00	5,698.51	5,629.32	5,519.99	16.71	15.92	-113.51	628.67	1,030.91	1,221.39	1,189.71	31.68	38.553		
5,900.00	5,796.55	5,726.63	5,615.16	17.04	16.24	-113.66	640.73	1,047.22	1,244.20	1,211.90	32.30	38.518		
6,000.00	5,894.59	5,823.94	5,710.33	17.38	16.55	-113.81	652.80	1,063.52	1,267.01	1,234.09	32.93	38.480		
6,100.00	5,992.62	5,921.25	5,805.50	17.71	16.87	-113.96	664.86	1,079.82	1,289.84	1,256.28	33.55	38.442		
6,200.00	6,090.66	6,018.56	5,900.68	18.05	17.18	-114.10	676.93	1,096.13	1,312.67	1,278.48	34.18	38.402		
6,300.00	6,188.70	6,115.87	5,995.85	18.39	17.50	-114.23	688.99	1,112.43	1,335.50	1,300.69	34.81	38.361		
6,400.00	6,286.74	6,213.18	6,091.02	18.72	17.82	-114.36	701.05	1,128.73	1,358.33	1,322.90	35.45	38.319		
6,500.00	6,384.77	6,310.49	6,186.20	19.06	18.15	-114.49	713.12	1,145.04	1,381.20	1,345.11	36.08	38.276		
6,600.00	6,482.81	6,407.80	6,281.37	19.40	18.47	-114.61	725.18	1,161.34	1,404.05	1,367.33	36.72	38.233		
6,700.00	6,580.86	6,506.74	6,378.14	19.74	18.79	-116.79	737.45	1,177.88	1,426.92	1,389.55	37.37	38.188		
6,800.00	6,679.86	6,634.60	6,504.56	19.94	19.09	-174.92	753.57	1,185.19	1,449.95	1,412.05	37.90	38.261		
6,900.00	6,778.81	6,761.15	6,628.59	20.07	19.26	129.21	769.54	1,167.25	1,472.82	1,434.60	38.22	38.536		
7,000.00	6,875.27	6,885.51	6,744.68	20.15	19.33	111.36	784.65	1,125.90	1,495.03	1,456.66	38.38	38.958		
7,100.00	6,966.86	7,007.02	6,848.31	20.17	19.33	102.79	798.30	1,064.28	1,516.13	1,477.72	38.42	39.466		
7,200.00	7,051.33	7,125.21	6,936.18	20.15	19.29	97.21	810.04	986.38	1,535.67	1,497.26	38.41	39.983		
7,300.00	7,126.59	7,239.78	7,006.32	20.10	19.24	93.03	819.59	896.50	1,553.24	1,514.82	38.43	40.421		
7,400.00	7,190.80	7,350.57	7,057.90	20.04	19.24	89.70	826.82	798.87	1,568.48	1,529.94	38.54	40.696		
7,500.00	7,242.38	7,457.57	7,091.07	19.99	19.33	87.01	831.71	697.39	1,581.07	1,542.26	38.81	40.741		
7,600.00	7,280.05	7,560.83	7,106.67	19.97	19.56	84.87	834.37	595.46	1,590.72	1,551.47	39.25	40.532		
7,700.00	7,302.88	7,660.23	7,106.97	19.99	19.93	83.26	835.05	496.13	1,597.24	1,557.37	39.87	40.061		
7,800.00	7,310.32	7,759.56	7,103.94	20.09	20.46	82.55	835.30	396.84	1,600.36	1,559.64	40.72	39.302		
7,900.00	7,307.40	7,859.56	7,100.89	20.33	21.13	82.54	835.56	296.89	1,601.04	1,559.23	41.80	38.300		
8,000.00	7,304.23	7,959.55	7,097.84	20.77	21.92	82.54	835.81	196.94	1,601.65	1,558.53	43.12	37.145		
8,100.00	7,301.05	8,059.55	7,094.79	21.38	22.80	82.55	836.07	96.99	1,602.27	1,557.62	44.65	35.886		
8,200.00	7,297.88	8,159.55	7,091.74	22.15	23.77	82.56	836.32	-2.96	1,602.88	1,556.51	46.37	34.568		
8,300.00	7,294.71	8,259.55	7,088.69	23.03	24.81	82.57	836.58	-102.91	1,603.49	1,555.23	48.26	33.226		
8,400.00	7,291.54	8,359.55	7,085.64	24.00	25.91	82.57	836.84	-202.86	1,604.11	1,553.80	50.30	31.889		
8,500.00	7,288.36	8,459.54	7,082.59	25.05	27.08	82.58	837.09	-302.81	1,604.72	1,552.24	52.48	30.578		
8,600.00	7,285.19	8,559.54	7,079.54	26.17	28.28	82.59	837.35	-402.76	1,605.34	1,550.56	54.77	29.308		
8,700.00	7,282.02	8,659.54	7,076.49	27.34	29.54	82.60	837.60	-502.71	1,605.95	1,548.78	57.17	28.090		
8,800.00	7,278.85	8,759.54	7,073.44	28.57	30.83	82.60	837.86	-602.67	1,606.56	1,546.90	59.66	26.929		
8,900.00	7,275.67	8,859.53	7,070.39	29.84	32.16	82.61	838.11	-702.62	1,607.18	1,544.95	62.23	25.827		
9,000.00	7,272.50	8,959.53	7,067.34	31.14	33.51	82.62	838.37	-802.57	1,607.79	1,542.93	64.87	24.786		
9,100.00	7,269.33	9,059.53	7,064.29	32.48	34.89	82.62	838.63	-902.52	1,608.41	1,540.84	67.57	23.805		
9,200.00	7,266.15	9,159.53	7,061.24	33.85	36.30	82.63	838.88	-1,002.47	1,609.02	1,538.70	70.32	22.881		
9,300.00	7,262.98	9,259.53	7,058.19	35.24	37.73	82.64	839.14	-1,102.42	1,609.64	1,536.51	73.12	22.012		
9,400.00	7,259.81	9,359.52	7,055.14	36.66	39.18	82.65	839.39	-1,202.37	1,610.25	1,534.28	75.97	21.196		
9,500.00	7,256.64	9,459.52	7,052.09	38.10	40.64	82.65	839.65	-1,302.32	1,610.87	1,532.01	78.86	20.428		
9,600.00	7,253.46	9,559.52	7,049.04	39.55	42.12	82.66	839.91	-1,402.27	1,611.48	1,529.71	81.77	19.706		
9,700.00	7,250.29	9,659.52	7,045.99	41.02	43.61	82.67	840.16	-1,502.23	1,612.09	1,527.37	84.72	19.028		
9,800.00	7,247.12	9,759.52	7,042.94	42.51	45.11	82.68	840.42	-1,602.18	1,612.71	1,525.01	87.70	18.389		
9,900.00	7,243.95	9,859.51	7,039.89	44.01	46.63	82.68	840.67	-1,702.13	1,613.32	1,522.62	90.70	17.787		
10,000.00	7,240.77	9,959.51	7,036.84	45.52	48.16	82.69	840.93	-1,802.08	1,613.94	1,520.21	93.73	17.220		
10,100.00	7,237.60	10,059.51	7,033.79	47.04	49.69	82.70	841.18	-1,902.03	1,614.55	1,517.78	96.77	16.684		
10,200.00	7,234.43	10,159.51	7,030.74	48.57	51.24	82.70	841.44	-2,001.98	1,615.17	1,515.34	99.83	16.179		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,231.25	10,259.51	7,027.69	50.11	52.79	82.71	841.70	-2,101.93	1,615.78	1,512.87	102.91	15.701		
10,400.00	7,228.08	10,359.50	7,024.64	51.66	54.35	82.72	841.95	-2,201.88	1,616.40	1,510.39	106.01	15.248		
10,500.00	7,224.91	10,459.50	7,021.59	53.21	55.91	82.73	842.21	-2,301.83	1,617.01	1,507.90	109.12	14.819		
10,600.00	7,221.74	10,559.50	7,018.54	54.78	57.48	82.73	842.46	-2,401.78	1,617.63	1,505.39	112.24	14.413		
10,700.00	7,218.56	10,659.50	7,015.49	56.34	59.06	82.74	842.72	-2,501.74	1,618.24	1,502.87	115.37	14.027		
10,800.00	7,215.39	10,759.49	7,012.44	57.92	60.64	82.75	842.97	-2,601.69	1,618.86	1,500.34	118.51	13.660		
10,900.00	7,212.22	10,859.49	7,009.39	59.50	62.23	82.75	843.23	-2,701.64	1,619.47	1,497.80	121.67	13.311		
11,000.00	7,209.05	10,959.49	7,006.34	61.08	63.82	82.76	843.49	-2,801.59	1,620.09	1,495.26	124.83	12.978		
11,100.00	7,205.87	11,059.49	7,003.29	62.67	65.41	82.77	843.74	-2,901.54	1,620.70	1,492.70	128.00	12.661		
11,200.00	7,202.70	11,159.49	7,000.24	64.26	67.01	82.78	844.00	-3,001.49	1,621.32	1,490.13	131.18	12.359		
11,300.00	7,199.53	11,259.48	6,997.19	65.86	68.61	82.78	844.25	-3,101.44	1,621.93	1,487.56	134.37	12.071		
11,400.00	7,196.36	11,359.48	6,994.14	67.46	70.22	82.79	844.51	-3,201.39	1,622.55	1,484.98	137.56	11.795		
11,500.00	7,193.18	11,459.48	6,991.09	69.06	71.83	82.80	844.77	-3,301.34	1,623.16	1,482.40	140.76	11.531		
11,600.00	7,190.01	11,559.48	6,988.04	70.67	73.44	82.80	845.02	-3,401.30	1,623.78	1,479.81	143.97	11.279		
11,700.00	7,186.84	11,659.48	6,984.99	72.28	75.05	82.81	845.28	-3,501.25	1,624.39	1,477.21	147.18	11.037		
11,800.00	7,183.66	11,759.47	6,981.94	73.89	76.67	82.82	845.53	-3,601.20	1,625.01	1,474.61	150.40	10.805		
11,900.00	7,180.49	11,859.47	6,978.89	75.50	78.28	82.83	845.79	-3,701.15	1,625.62	1,472.00	153.62	10.582		
12,000.00	7,177.32	11,959.47	6,975.84	77.12	79.91	82.83	846.04	-3,801.10	1,626.24	1,469.39	156.85	10.368		
12,100.00	7,174.15	12,059.47	6,972.79	78.74	81.53	82.84	846.30	-3,901.05	1,626.85	1,466.77	160.08	10.163		
12,200.00	7,170.97	12,159.47	6,969.74	80.36	83.15	82.85	846.56	-4,001.00	1,627.47	1,464.15	163.31	9.965		
12,300.00	7,167.80	12,259.46	6,966.69	81.99	84.78	82.85	846.81	-4,100.95	1,628.08	1,461.53	166.55	9.775		
12,400.00	7,164.63	12,359.46	6,963.64	83.61	86.41	82.86	847.07	-4,200.90	1,628.70	1,458.90	169.79	9.592		
12,500.00	7,161.46	12,459.46	6,960.58	85.24	88.04	82.87	847.32	-4,300.86	1,629.31	1,456.27	173.04	9.416		
12,600.00	7,158.28	12,559.46	6,957.53	86.87	89.67	82.87	847.58	-4,400.81	1,629.93	1,453.64	176.29	9.246		
12,700.00	7,155.11	12,659.46	6,954.48	88.50	91.30	82.88	847.84	-4,500.76	1,630.54	1,451.00	179.54	9.082		
12,800.00	7,151.94	12,759.45	6,951.43	90.13	92.94	82.89	848.09	-4,600.71	1,631.16	1,448.36	182.80	8.923		
12,900.00	7,148.76	12,859.45	6,948.38	91.76	94.57	82.90	848.35	-4,700.66	1,631.77	1,445.72	186.05	8.770		
13,000.00	7,145.59	12,959.45	6,945.33	93.40	96.21	82.90	848.60	-4,800.61	1,632.39	1,443.08	189.31	8.623		
13,100.00	7,142.42	13,059.45	6,942.28	95.03	97.85	82.91	848.86	-4,900.56	1,633.00	1,440.43	192.58	8.480		
13,200.00	7,139.25	13,159.44	6,939.23	96.67	99.49	82.92	849.11	-5,000.51	1,633.62	1,437.78	195.84	8.342		
13,300.00	7,136.07	13,259.44	6,936.18	98.31	101.13	82.92	849.37	-5,100.46	1,634.23	1,435.13	199.11	8.208		
13,400.00	7,132.90	13,359.44	6,933.13	99.95	102.77	82.93	849.63	-5,200.41	1,634.85	1,432.47	202.38	8.078		
13,500.00	7,129.73	13,459.44	6,930.08	101.59	104.41	82.94	849.88	-5,300.37	1,635.47	1,429.82	205.65	7.953		
13,600.00	7,126.56	13,559.44	6,927.03	103.23	106.05	82.95	850.14	-5,400.32	1,636.08	1,427.16	208.92	7.831		
13,700.00	7,123.38	13,659.43	6,923.98	104.87	107.70	82.95	850.39	-5,500.27	1,636.70	1,424.50	212.20	7.713		
13,800.00	7,120.21	13,759.43	6,920.93	106.51	109.34	82.96	850.65	-5,600.22	1,637.31	1,421.84	215.48	7.599		
13,900.00	7,117.04	13,859.43	6,917.88	108.16	110.99	82.97	850.90	-5,700.17	1,637.93	1,419.17	218.75	7.488		
14,000.00	7,113.87	13,959.43	6,914.83	109.80	112.63	82.97	851.16	-5,800.12	1,638.54	1,416.51	222.03	7.380		
14,100.00	7,110.69	14,059.43	6,911.78	111.45	114.28	82.98	851.42	-5,900.07	1,639.16	1,413.84	225.32	7.275		
14,200.00	7,107.52	14,159.42	6,908.73	113.10	115.93	82.99	851.67	-6,000.02	1,639.77	1,411.17	228.60	7.173		
14,300.00	7,104.35	14,259.42	6,905.68	114.74	117.58	82.99	851.93	-6,099.97	1,640.39	1,408.51	231.89	7.074		
14,400.00	7,101.17	14,359.42	6,902.63	116.39	119.23	83.00	852.18	-6,199.93	1,641.01	1,405.83	235.17	6.978		
14,500.00	7,098.00	14,459.42	6,899.58	118.04	120.88	83.01	852.44	-6,299.88	1,641.62	1,403.16	238.46	6.884		
14,600.00	7,094.83	14,559.42	6,896.53	119.69	122.53	83.01	852.70	-6,399.83	1,642.24	1,400.49	241.75	6.793		
14,700.00	7,091.66	14,659.41	6,893.48	121.34	124.18	83.02	852.95	-6,499.78	1,642.85	1,397.82	245.04	6.704		
14,800.00	7,088.48	14,759.41	6,890.43	122.99	125.83	83.03	853.21	-6,599.73	1,643.47	1,395.14	248.33	6.618		
14,900.00	7,085.31	14,859.41	6,887.38	124.64	127.48	83.04	853.46	-6,699.68	1,644.09	1,392.46	251.62	6.534		
15,000.00	7,082.14	14,959.41	6,884.33	126.29	129.14	83.04	853.72	-6,799.63	1,644.70	1,389.79	254.92	6.452		
15,100.00	7,078.97	15,059.41	6,881.28	127.94	130.79	83.05	853.97	-6,899.58	1,645.32	1,387.11	258.21	6.372		
15,200.00	7,075.79	15,159.40	6,878.23	129.60	132.44	83.06	854.23	-6,999.53	1,645.93	1,384.43	261.51	6.294		
15,300.00	7,072.62	15,259.40	6,875.18	131.25	134.10	83.06	854.49	-7,099.48	1,646.55	1,381.75	264.80	6.218		
15,400.00	7,069.45	15,359.40	6,872.13	132.90	135.75	83.07	854.74	-7,199.44	1,647.16	1,379.07	268.10	6.144		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
15,500.00	7,066.27	15,464.93	6,869.08	134.55	137.50	83.08	855.00	-7,299.39	1,647.78	1,376.29	271.49	6.069	
15,578.05	7,063.80	15,537.45	6,866.70	135.85	138.70	83.08	855.20	-7,377.40	1,648.26	1,374.30	273.96	6.016 SF	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.42	-1.45	199.90	199.90					
100.00	100.00	101.00	101.00	3.28	3.28	90.42	-1.45	199.90	199.90	192.37	7.53	26.551		
200.00	200.00	201.00	201.00	3.31	3.31	90.42	-1.45	199.90	199.90	192.33	7.57	26.393		
300.00	300.00	298.51	298.51	3.35	3.35	-32.93	-1.18	200.20	199.85	192.19	7.66	26.092		
400.00	399.93	393.51	393.45	3.41	3.41	-34.07	0.97	202.55	199.43	191.66	7.77	25.653		
500.00	499.68	488.15	487.88	3.49	3.50	-36.35	5.22	207.20	198.80	190.88	7.93	25.082		
595.42	594.58	577.89	577.18	3.59	3.60	-39.56	11.20	213.73	198.48	190.37	8.11	24.482	CC	
600.00	599.13	582.18	581.44	3.60	3.60	-39.74	11.53	214.09	198.48	190.36	8.12	24.454	ES	
700.00	698.15	675.39	673.83	3.74	3.73	-44.18	19.83	223.16	199.18	190.83	8.35	23.863		
800.00	796.63	767.54	764.73	3.93	3.88	-49.52	30.02	234.30	201.84	193.22	8.63	23.402		
900.00	894.68	858.61	854.04	4.15	4.06	-55.39	42.02	247.42	208.17	199.22	8.95	23.250		
1,000.00	992.71	952.57	945.67	4.40	4.28	-61.23	56.06	262.77	219.43	210.07	9.36	23.441		
1,100.00	1,090.75	1,049.21	1,039.85	4.68	4.54	-66.65	70.67	278.75	233.24	223.40	9.84	23.711		
1,200.00	1,188.79	1,145.85	1,134.04	4.98	4.83	-71.44	85.29	294.73	248.94	238.59	10.35	24.044		
1,300.00	1,286.83	1,242.49	1,228.22	5.30	5.13	-75.67	99.91	310.71	266.20	255.30	10.91	24.411		
1,400.00	1,384.86	1,339.13	1,322.40	5.63	5.45	-79.38	114.53	326.69	284.74	273.26	11.49	24.789		
1,500.00	1,482.90	1,435.77	1,416.58	5.98	5.78	-82.64	129.14	342.67	304.33	292.24	12.09	25.181		
1,600.00	1,580.94	1,532.41	1,510.76	6.33	6.12	-85.50	143.76	358.65	324.77	312.06	12.71	25.552		
1,700.00	1,678.98	1,629.05	1,604.94	6.69	6.48	-88.03	158.38	374.63	345.91	332.56	13.35	25.910		
1,800.00	1,777.01	1,725.68	1,699.12	7.06	6.84	-90.27	173.00	390.61	367.63	353.63	14.00	26.250		
1,900.00	1,875.05	1,822.32	1,793.30	7.27	7.17	-92.26	187.61	406.59	389.84	375.58	14.27	27.328		
2,000.00	1,973.09	1,918.96	1,887.48	7.31	7.34	-94.04	202.23	422.56	412.46	398.18	14.28	28.882		
2,100.00	2,071.13	2,015.60	1,981.66	7.38	7.39	-95.64	216.85	438.54	435.42	421.04	14.39	30.269		
2,200.00	2,169.16	2,112.24	2,075.85	7.46	7.47	-97.07	231.47	454.52	458.67	444.15	14.52	31.584		
2,300.00	2,267.20	2,208.88	2,170.03	7.56	7.55	-98.37	246.08	470.50	482.17	467.48	14.69	32.820		
2,400.00	2,365.24	2,305.52	2,264.21	7.67	7.66	-99.55	260.70	486.48	505.89	491.00	14.89	33.974		
2,500.00	2,463.28	2,402.16	2,358.39	7.80	7.77	-100.63	275.32	502.46	529.79	514.67	15.12	35.036		
2,600.00	2,561.31	2,501.20	2,452.57	7.95	7.91	-101.61	289.93	518.44	553.86	538.47	15.38	36.004		
2,700.00	2,659.35	2,604.57	2,546.75	8.11	8.07	-102.51	304.55	534.42	578.06	562.38	15.68	36.869		
2,800.00	2,757.39	2,692.07	2,640.93	8.28	8.21	-103.34	319.17	550.40	602.39	586.41	15.98	37.701		
2,900.00	2,855.43	2,788.71	2,735.11	8.47	8.39	-104.10	333.79	566.38	626.83	610.52	16.31	38.424		
3,000.00	2,953.46	2,885.35	2,829.29	8.66	8.57	-104.81	348.40	582.36	651.37	634.70	16.67	39.070		
3,100.00	3,051.50	2,981.99	2,923.47	8.87	8.76	-105.46	363.02	598.34	675.99	658.94	17.05	39.645		
3,200.00	3,149.54	3,078.63	3,017.66	9.09	8.97	-106.07	377.64	614.32	700.70	683.25	17.45	40.154		
3,300.00	3,247.58	3,175.27	3,111.84	9.32	9.18	-106.64	392.26	630.30	725.47	707.60	17.87	40.603		
3,400.00	3,345.61	3,271.91	3,206.02	9.55	9.41	-107.17	406.87	646.28	750.30	732.00	18.30	40.996		
3,500.00	3,443.65	3,368.55	3,300.20	9.80	9.64	-107.67	421.49	662.26	775.20	756.44	18.75	41.339		
3,600.00	3,541.69	3,465.18	3,394.38	10.05	9.87	-108.14	436.11	678.24	800.14	780.92	19.22	41.637		
3,700.00	3,639.73	3,561.82	3,488.56	10.31	10.12	-108.58	450.73	694.22	825.13	805.44	19.70	41.894		
3,800.00	3,737.76	3,658.46	3,582.74	10.57	10.37	-108.99	465.34	710.20	850.16	829.98	20.19	42.115		
3,900.00	3,835.80	3,755.10	3,676.92	10.84	10.63	-109.38	479.96	726.18	875.24	854.55	20.69	42.302		
4,000.00	3,933.84	3,851.74	3,771.10	11.12	10.89	-109.75	494.58	742.16	900.35	879.14	21.20	42.461		
4,100.00	4,031.88	3,948.38	3,865.28	11.40	11.16	-110.09	509.19	758.14	925.49	903.76	21.73	42.594		
4,200.00	4,129.91	4,045.02	3,959.47	11.69	11.44	-110.42	523.81	774.12	950.66	928.40	22.26	42.704		
4,300.00	4,227.95	4,141.66	4,053.65	11.98	11.72	-110.73	538.43	790.10	975.86	953.06	22.80	42.794		
4,400.00	4,325.99	4,238.30	4,147.83	12.27	12.00	-111.03	553.05	806.08	1,001.08	977.73	23.35	42.866		
4,500.00	4,424.03	4,334.93	4,242.01	12.57	12.28	-111.31	567.66	822.06	1,026.33	1,002.42	23.91	42.922		
4,600.00	4,522.06	4,431.57	4,336.19	12.88	12.57	-111.58	582.28	838.04	1,051.61	1,027.13	24.48	42.964		
4,700.00	4,620.10	4,528.21	4,430.37	13.18	12.87	-111.84	596.90	854.02	1,076.90	1,051.85	25.05	42.993		
4,800.00	4,718.14	4,624.85	4,524.55	13.49	13.17	-112.08	611.52	870.00	1,102.21	1,076.59	25.63	43.012		
4,900.00	4,816.17	4,721.49	4,618.73	13.80	13.47	-112.32	626.13	885.98	1,127.54	1,101.33	26.21	43.021		
5,000.00	4,914.21	4,818.13	4,712.91	14.12	13.77	-112.54	640.75	901.96	1,152.89	1,126.09	26.80	43.022		

Hewlett-Packard

Anticollision Report

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1-MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	4,914.77	4,807.09	14.43	14.07	-112.75	655.37	917.94	1,178.25	1,150.86	27.39	43.016		
5,200.00	5,110.29	5,011.41	4,901.28	14.75	14.38	-112.96	669.99	933.92	1,203.63	1,175.64	27.99	43.003		
5,300.00	5,208.32	5,108.05	4,995.46	15.07	14.69	-113.15	684.60	949.90	1,229.02	1,200.42	28.59	42.985		
5,400.00	5,306.36	5,204.69	5,089.64	15.40	15.00	-113.34	699.22	965.88	1,254.42	1,225.22	29.20	42.962		
5,500.00	5,404.40	5,301.32	5,183.82	15.72	15.32	-113.52	713.84	981.86	1,279.84	1,250.03	29.81	42.934		
5,600.00	5,502.44	5,402.04	5,278.00	16.05	15.65	-113.70	728.45	997.84	1,305.26	1,274.83	30.44	42.885		
5,700.00	5,600.47	5,505.40	5,372.18	16.38	15.99	-113.86	743.07	1,013.82	1,330.70	1,299.63	31.08	42.821		
5,800.00	5,698.51	5,608.76	5,466.36	16.71	16.33	-114.02	757.69	1,029.80	1,356.15	1,324.43	31.72	42.756		
5,900.00	5,796.55	5,687.88	5,560.54	17.04	16.59	-114.18	772.31	1,045.77	1,381.61	1,349.32	32.29	42.792		
6,000.00	5,894.59	5,784.52	5,654.72	17.38	16.92	-114.33	786.92	1,061.75	1,407.07	1,374.16	32.91	42.751		
6,100.00	5,992.62	5,881.16	5,748.90	17.71	17.24	-114.47	801.54	1,077.73	1,432.55	1,399.01	33.54	42.708		
6,200.00	6,090.66	5,977.80	5,843.09	18.05	17.57	-114.61	816.16	1,093.71	1,458.03	1,423.86	34.18	42.663		
6,300.00	6,188.70	6,074.44	5,937.27	18.39	17.89	-114.74	830.78	1,109.69	1,483.52	1,448.71	34.81	42.618		
6,400.00	6,286.74	6,171.07	6,031.45	18.72	18.22	-114.87	845.39	1,125.67	1,509.02	1,473.58	35.45	42.571		
6,500.00	6,384.77	6,267.71	6,125.63	19.06	18.55	-115.00	860.01	1,141.65	1,534.53	1,498.44	36.09	42.524		
6,600.00	6,482.81	6,364.35	6,219.81	19.40	18.88	-115.12	874.63	1,157.63	1,560.04	1,523.31	36.73	42.476		
6,700.00	6,580.86	6,460.99	6,313.99	19.74	19.21	-117.32	889.25	1,173.61	1,585.57	1,548.20	37.37	42.431		
6,800.00	6,679.86	6,557.07	6,407.62	19.94	19.54	-117.35	903.78	1,189.50	1,612.31	1,574.42	37.89	42.549		
6,900.00	6,778.81	6,669.25	6,517.46	20.07	19.87	129.45	920.88	1,204.02	1,640.60	1,602.24	38.36	42.766		
7,000.00	6,875.27	6,799.76	6,645.98	20.15	20.12	112.39	941.23	1,197.58	1,668.54	1,629.82	38.72	43.096		
7,100.00	6,966.86	6,936.58	6,776.28	20.17	20.27	104.54	962.25	1,162.56	1,695.12	1,656.21	38.91	43.560		
7,200.00	7,051.33	7,078.55	6,900.38	20.15	20.31	99.55	982.72	1,097.35	1,719.52	1,680.53	38.99	44.098		
7,300.00	7,126.59	7,223.59	7,009.18	20.10	20.26	95.80	1,001.18	1,003.70	1,740.99	1,701.97	39.03	44.610		
7,400.00	7,190.80	7,368.90	7,094.34	20.04	20.17	92.72	1,016.24	887.33	1,758.97	1,719.84	39.13	44.952		
7,500.00	7,242.38	7,511.44	7,150.45	19.99	20.12	90.11	1,026.91	757.05	1,773.06	1,733.65	39.41	44.991		
7,600.00	7,280.05	7,648.60	7,176.12	19.97	20.23	87.91	1,032.84	622.72	1,783.08	1,743.17	39.91	44.673		
7,700.00	7,302.88	7,765.07	7,176.65	19.99	20.58	86.28	1,034.55	506.34	1,789.17	1,748.57	40.60	44.063		
7,800.00	7,310.32	7,864.38	7,173.58	20.09	21.11	85.59	1,035.46	407.08	1,792.42	1,750.96	41.46	43.233		
7,900.00	7,307.40	7,964.37	7,170.49	20.33	21.80	85.56	1,036.38	307.15	1,793.75	1,751.21	42.54	42.165		
8,000.00	7,304.23	8,064.36	7,167.40	20.77	22.59	85.57	1,037.29	207.21	1,795.03	1,751.18	43.85	40.932		
8,100.00	7,301.05	8,164.36	7,164.30	21.38	23.48	85.58	1,038.21	107.27	1,796.32	1,750.94	45.38	39.585		
8,200.00	7,297.88	8,264.35	7,161.21	22.15	24.45	85.58	1,039.13	7.33	1,797.60	1,750.51	47.09	38.170		
8,300.00	7,294.71	8,364.34	7,158.12	23.03	25.49	85.59	1,040.04	-92.61	1,798.89	1,749.91	48.98	36.727		
8,400.00	7,291.54	8,464.33	7,155.03	24.00	26.58	85.59	1,040.96	-192.55	1,800.17	1,749.16	51.02	35.285		
8,500.00	7,288.36	8,564.32	7,151.94	25.05	27.74	85.60	1,041.87	-292.49	1,801.46	1,748.27	53.19	33.869		
8,600.00	7,285.19	8,664.31	7,148.84	26.17	28.94	85.60	1,042.79	-392.43	1,802.74	1,747.27	55.48	32.495		
8,700.00	7,282.02	8,764.30	7,145.75	27.34	30.18	85.61	1,043.70	-492.37	1,804.03	1,746.16	57.87	31.173		
8,800.00	7,278.85	8,864.30	7,142.66	28.57	31.46	85.62	1,044.62	-592.31	1,805.31	1,744.96	60.36	29.911		
8,900.00	7,275.67	8,964.29	7,139.57	29.84	32.78	85.62	1,045.53	-692.25	1,806.60	1,743.68	62.92	28.712		
9,000.00	7,272.50	9,064.28	7,136.47	31.14	34.12	85.63	1,046.45	-792.19	1,807.89	1,742.33	65.56	27.577		
9,100.00	7,269.33	9,164.27	7,133.38	32.48	35.50	85.63	1,047.36	-892.13	1,809.17	1,740.91	68.26	26.506		
9,200.00	7,266.15	9,264.26	7,130.29	33.85	36.89	85.64	1,048.28	-992.07	1,810.46	1,739.45	71.01	25.496		
9,300.00	7,262.98	9,364.25	7,127.20	35.24	38.31	85.64	1,049.20	-1,092.01	1,811.74	1,737.93	73.81	24.545		
9,400.00	7,259.81	9,464.25	7,124.11	36.66	39.75	85.65	1,050.11	-1,191.95	1,813.03	1,736.37	76.66	23.651		
9,500.00	7,256.64	9,564.24	7,121.01	38.10	41.20	85.66	1,051.03	-1,291.89	1,814.31	1,734.77	79.54	22.809		
9,600.00	7,253.46	9,664.23	7,117.92	39.55	42.67	85.66	1,051.94	-1,391.83	1,815.60	1,733.13	82.46	22.017		
9,700.00	7,250.29	9,764.22	7,114.83	41.02	44.15	85.67	1,052.86	-1,491.77	1,816.88	1,731.47	85.41	21.271		
9,800.00	7,247.12	9,864.21	7,111.74	42.51	45.65	85.67	1,053.77	-1,591.71	1,818.17	1,729.77	88.39	20.569		
9,900.00	7,243.95	9,964.20	7,108.65	44.01	47.16	85.68	1,054.69	-1,691.65	1,819.45	1,728.05	91.40	19.907		
10,000.00	7,240.77	10,064.20	7,105.55	45.52	48.68	85.68	1,055.60	-1,791.58	1,820.74	1,726.31	94.43	19.282		
10,100.00	7,237.60	10,164.19	7,102.46	47.04	50.20	85.69	1,056.52	-1,891.52	1,822.02	1,724.55	97.47	18.693		
10,200.00	7,234.43	10,264.18	7,099.37	48.57	51.74	85.69	1,057.43	-1,991.46	1,823.31	1,722.77	100.54	18.135		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1-MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,231.25	10,364.17	7,096.28	50.11	53.28	85.70	1,058.35	-2,091.40	1,824.59	1,720.97	103.62	17.608		
10,400.00	7,228.08	10,464.16	7,093.19	51.66	54.84	85.71	1,059.27	-2,191.34	1,825.88	1,719.16	106.72	17.109		
10,500.00	7,224.91	10,564.15	7,090.09	53.21	56.40	85.71	1,060.18	-2,291.28	1,827.17	1,717.33	109.84	16.636		
10,600.00	7,221.74	10,664.14	7,087.00	54.78	57.96	85.72	1,061.10	-2,391.22	1,828.45	1,715.49	112.96	16.186		
10,700.00	7,218.56	10,764.14	7,083.91	56.34	59.53	85.72	1,062.01	-2,491.16	1,829.74	1,713.64	116.10	15.760		
10,800.00	7,215.39	10,864.13	7,080.82	57.92	61.11	85.73	1,062.93	-2,591.10	1,831.02	1,711.77	119.25	15.355		
10,900.00	7,212.22	10,964.12	7,077.72	59.50	62.69	85.73	1,063.84	-2,691.04	1,832.31	1,709.90	122.41	14.969		
11,000.00	7,209.05	11,064.11	7,074.63	61.08	64.27	85.74	1,064.76	-2,790.98	1,833.59	1,708.01	125.58	14.601		
11,100.00	7,205.87	11,164.10	7,071.54	62.67	65.86	85.74	1,065.67	-2,890.92	1,834.88	1,706.12	128.76	14.251		
11,200.00	7,202.70	11,264.09	7,068.45	64.26	67.46	85.75	1,066.59	-2,990.86	1,836.16	1,704.22	131.94	13.916		
11,300.00	7,199.53	11,364.09	7,065.36	65.86	69.05	85.76	1,067.50	-3,090.80	1,837.45	1,702.31	135.14	13.597		
11,400.00	7,196.36	11,464.08	7,062.26	67.46	70.66	85.76	1,068.42	-3,190.74	1,838.73	1,700.40	138.34	13.292		
11,500.00	7,193.18	11,564.07	7,059.17	69.06	72.26	85.77	1,069.33	-3,290.68	1,840.02	1,698.48	141.54	13.000		
11,600.00	7,190.01	11,664.06	7,056.08	70.67	73.87	85.77	1,070.25	-3,390.62	1,841.31	1,696.55	144.76	12.720		
11,700.00	7,186.84	11,764.05	7,052.99	72.28	75.48	85.78	1,071.17	-3,490.56	1,842.59	1,694.62	147.97	12.452		
11,800.00	7,183.66	11,864.04	7,049.90	73.89	77.09	85.78	1,072.08	-3,590.50	1,843.88	1,692.68	151.20	12.195		
11,900.00	7,180.49	11,964.04	7,046.80	75.50	78.70	85.79	1,073.00	-3,690.44	1,845.16	1,690.74	154.43	11.948		
12,000.00	7,177.32	12,064.03	7,043.71	77.12	80.32	85.79	1,073.91	-3,790.38	1,846.45	1,688.79	157.66	11.712		
12,100.00	7,174.15	12,164.02	7,040.62	78.74	81.94	85.80	1,074.83	-3,890.32	1,847.73	1,686.84	160.90	11.484		
12,200.00	7,170.97	12,264.01	7,037.53	80.36	83.56	85.80	1,075.74	-3,990.26	1,849.02	1,684.88	164.14	11.265		
12,300.00	7,167.80	12,364.00	7,034.44	81.99	85.19	85.81	1,076.66	-4,090.19	1,850.31	1,682.92	167.39	11.054		
12,400.00	7,164.63	12,463.99	7,031.34	83.61	86.81	85.82	1,077.57	-4,190.13	1,851.59	1,680.95	170.64	10.851		
12,500.00	7,161.46	12,563.99	7,028.25	85.24	88.44	85.82	1,078.49	-4,290.07	1,852.88	1,678.99	173.89	10.655		
12,600.00	7,158.28	12,663.98	7,025.16	86.87	90.07	85.83	1,079.40	-4,390.01	1,854.16	1,677.02	177.15	10.467		
12,700.00	7,155.11	12,763.97	7,022.07	88.50	91.70	85.83	1,080.32	-4,489.95	1,855.45	1,675.04	180.41	10.285		
12,800.00	7,151.94	12,863.96	7,018.98	90.13	93.33	85.84	1,081.24	-4,589.89	1,856.74	1,673.07	183.67	10.109		
12,900.00	7,148.76	12,963.95	7,015.88	91.76	94.96	85.84	1,082.15	-4,689.83	1,858.02	1,671.09	186.93	9.939		
13,000.00	7,145.59	13,063.94	7,012.79	93.40	96.60	85.85	1,083.07	-4,789.77	1,859.31	1,669.10	190.20	9.775		
13,100.00	7,142.42	13,163.93	7,009.70	95.03	98.23	85.85	1,083.98	-4,889.71	1,860.59	1,667.12	193.47	9.617		
13,200.00	7,139.25	13,263.93	7,006.61	96.67	99.87	85.86	1,084.90	-4,989.65	1,861.88	1,665.13	196.75	9.463		
13,300.00	7,136.07	13,363.92	7,003.51	98.31	101.51	85.86	1,085.81	-5,089.59	1,863.16	1,663.14	200.02	9.315		
13,400.00	7,132.90	13,463.91	7,000.42	99.95	103.15	85.87	1,086.73	-5,189.53	1,864.45	1,661.15	203.30	9.171		
13,500.00	7,129.73	13,563.90	6,997.33	101.59	104.79	85.87	1,087.64	-5,289.47	1,865.74	1,659.16	206.58	9.032		
13,600.00	7,126.56	13,663.89	6,994.24	103.23	106.43	85.88	1,088.56	-5,389.41	1,867.02	1,657.16	209.86	8.897		
13,700.00	7,123.38	13,763.88	6,991.15	104.87	108.07	85.88	1,089.47	-5,489.35	1,868.31	1,655.17	213.14	8.766		
13,800.00	7,120.21	13,863.88	6,988.05	106.51	109.72	85.89	1,090.39	-5,589.29	1,869.59	1,653.17	216.43	8.638		
13,900.00	7,117.04	13,963.87	6,984.96	108.16	111.36	85.90	1,091.31	-5,689.23	1,870.88	1,651.17	219.71	8.515		
14,000.00	7,113.87	14,063.86	6,981.87	109.80	113.00	85.90	1,092.22	-5,789.17	1,872.17	1,649.16	223.00	8.395		
14,100.00	7,110.69	14,163.85	6,978.78	111.45	114.65	85.91	1,093.14	-5,889.11	1,873.45	1,647.16	226.29	8.279		
14,200.00	7,107.52	14,263.84	6,975.69	113.10	116.30	85.91	1,094.05	-5,989.05	1,874.74	1,645.15	229.58	8.166		
14,300.00	7,104.35	14,363.83	6,972.59	114.74	117.94	85.92	1,094.97	-6,088.99	1,876.02	1,643.15	232.88	8.056		
14,400.00	7,101.17	14,463.83	6,969.50	116.39	119.59	85.92	1,095.88	-6,188.93	1,877.31	1,641.14	236.17	7.949		
14,500.00	7,098.00	14,563.82	6,966.41	118.04	121.24	85.93	1,096.80	-6,288.87	1,878.60	1,639.13	239.47	7.845		
14,600.00	7,094.83	14,663.81	6,963.32	119.69	122.89	85.93	1,097.71	-6,388.81	1,879.88	1,637.12	242.76	7.744		
14,700.00	7,091.66	14,763.80	6,960.23	121.34	124.54	85.94	1,098.63	-6,488.74	1,881.17	1,635.11	246.06	7.645		
14,800.00	7,088.48	14,863.79	6,957.13	122.99	126.19	85.94	1,099.54	-6,588.68	1,882.46	1,633.09	249.36	7.549		
14,900.00	7,085.31	14,963.78	6,954.04	124.64	127.84	85.95	1,100.46	-6,688.62	1,883.74	1,631.08	252.66	7.456		
15,000.00	7,082.14	15,063.77	6,950.95	126.29	129.49	85.95	1,101.38	-6,788.56	1,885.03	1,629.06	255.96	7.364		
15,100.00	7,078.97	15,163.77	6,947.86	127.94	131.15	85.96	1,102.29	-6,888.50	1,886.31	1,627.05	259.27	7.276		
15,200.00	7,075.79	15,263.76	6,944.76	129.60	132.80	85.96	1,103.21	-6,988.44	1,887.60	1,625.03	262.57	7.189		
15,300.00	7,072.62	15,363.75	6,941.67	131.25	134.45	85.97	1,104.12	-7,088.38	1,888.89	1,623.01	265.87	7.104		
15,400.00	7,069.45	15,463.74	6,938.58	132.90	136.11	85.97	1,105.04	-7,188.32	1,890.17	1,620.99	269.18	7.022		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (usft)	Separation Factor	Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)			
15,500.00	7,066.27	15,563.73	6,935.49	134.55	137.76	85.98	1,105.95	-7,288.26	1,891.46	1,618.97	272.48	6.942	
15,578.05	7,063.80	15,641.78	6,933.07	135.85	139.05	85.98	1,106.67	-7,366.27	1,892.46	1,617.41	275.05	6.880 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.26	-0.36	79.90	79.90					
100.00	100.00	100.00	100.00	3.28	3.28	90.26	-0.36	79.90	79.90	72.38	7.53	10.613		
200.00	200.00	200.00	200.00	3.31	3.31	90.26	-0.36	79.90	79.90	72.33	7.57	10.550		
300.00	300.00	300.00	300.00	3.35	3.35	-33.11	-0.36	79.90	79.54	71.88	7.66	10.382		
400.00	399.93	400.07	399.93	3.41	3.42	-34.57	-0.36	79.90	76.64	68.85	7.79	9.842		
500.00	499.68	500.32	499.68	3.49	3.50	-37.83	-0.36	79.90	71.00	63.05	7.96	8.923		
600.00	599.13	600.87	599.13	3.60	3.61	-43.76	-0.36	79.90	63.06	54.89	8.17	7.716		
700.00	698.15	701.85	698.15	3.74	3.74	-54.15	-0.36	79.90	53.84	45.40	8.44	6.380		
800.00	796.63	796.63	796.63	3.93	3.87	-71.95	-0.36	79.90	45.78	37.03	8.75	5.230		
864.12	859.55	859.04	859.03	4.07	3.96	-86.56	-0.39	80.51	43.84	34.86	8.98	4.880	CC, ES	
900.00	894.68	894.05	894.03	4.15	4.01	-94.79	-0.42	81.45	44.42	35.31	9.12	4.873		
1,000.00	992.71	992.35	992.20	4.40	4.15	-112.04	-0.59	86.35	50.67	41.18	9.49	5.340		
1,100.00	1,090.75	1,091.34	1,090.84	4.68	4.32	-121.55	-0.88	94.70	60.30	50.43	9.88	6.105		
1,200.00	1,188.79	1,190.82	1,189.60	4.98	4.50	-125.58	-1.29	106.50	70.77	60.46	10.31	6.864		
1,300.00	1,286.83	1,290.52	1,288.13	5.30	4.71	-126.13	-1.83	121.77	81.08	70.29	10.79	7.512		
1,400.00	1,384.86	1,409.92	1,386.06	5.63	5.00	-124.88	-2.45	139.65	91.18	79.79	11.38	8.010		
1,500.00	1,482.90	1,489.55	1,483.88	5.98	5.20	-123.77	-3.08	157.70	101.29	89.39	11.91	8.507		
1,600.00	1,580.94	1,589.02	1,581.70	6.33	5.47	-122.86	-3.71	175.75	111.44	98.93	12.51	8.910		
1,700.00	1,678.98	1,688.49	1,679.51	6.69	5.76	-122.10	-4.34	193.80	121.61	108.48	13.13	9.261		
1,800.00	1,777.01	1,787.96	1,777.33	7.06	6.06	-121.46	-4.97	211.84	131.80	118.02	13.77	9.568		
1,900.00	1,875.05	1,887.43	1,875.15	7.27	6.24	-120.91	-5.60	229.89	142.00	128.23	13.77	10.311		
2,000.00	1,973.09	1,986.90	1,972.96	7.31	6.29	-120.44	-6.23	247.94	152.21	138.34	13.87	10.974		
2,100.00	2,071.13	2,086.37	2,070.78	7.38	6.35	-120.02	-6.86	265.99	162.44	148.45	13.99	11.614		
2,200.00	2,169.16	2,185.84	2,168.60	7.46	6.42	-119.66	-7.49	284.03	172.67	158.53	14.14	12.214		
2,300.00	2,267.20	2,285.31	2,266.41	7.56	6.50	-119.33	-8.12	302.08	182.90	168.58	14.32	12.772		
2,400.00	2,365.24	2,384.78	2,364.23	7.67	6.61	-119.04	-8.75	320.13	193.14	178.61	14.54	13.286		
2,500.00	2,463.28	2,484.25	2,462.05	7.80	6.73	-118.78	-9.38	338.18	203.39	188.60	14.78	13.758		
2,600.00	2,561.31	2,583.71	2,559.86	7.95	6.87	-118.55	-10.01	356.22	213.64	198.58	15.06	14.186		
2,700.00	2,659.35	2,683.18	2,657.68	8.11	7.02	-118.33	-10.64	374.27	223.89	208.53	15.36	14.573		
2,800.00	2,757.39	2,782.65	2,755.50	8.28	7.18	-118.14	-11.27	392.32	234.14	218.45	15.69	14.920		
2,900.00	2,855.43	2,882.12	2,853.31	8.47	7.36	-117.96	-11.90	410.37	244.40	228.35	16.05	15.229		
3,000.00	2,953.46	2,981.59	2,951.13	8.66	7.55	-117.79	-12.53	428.41	254.66	238.24	16.43	15.504		
3,100.00	3,051.50	3,081.06	3,048.95	8.87	7.75	-117.64	-13.16	446.46	264.92	248.10	16.82	15.746		
3,200.00	3,149.54	3,180.53	3,146.76	9.09	7.96	-117.50	-13.79	464.51	275.19	257.94	17.24	15.959		
3,300.00	3,247.58	3,280.00	3,244.58	9.32	8.18	-117.37	-14.42	482.56	285.45	267.77	17.68	16.145		
3,400.00	3,345.61	3,379.47	3,342.40	9.55	8.41	-117.25	-15.05	500.61	295.72	277.59	18.13	16.307		
3,500.00	3,443.65	3,478.94	3,440.21	9.80	8.64	-117.13	-15.68	518.65	305.99	287.38	18.60	16.448		
3,600.00	3,541.69	3,578.41	3,538.03	10.05	8.89	-117.03	-16.31	536.70	316.26	297.17	19.09	16.568		
3,700.00	3,639.73	3,677.88	3,635.85	10.31	9.14	-116.93	-16.94	554.75	326.53	306.94	19.59	16.672		
3,800.00	3,737.76	3,777.35	3,733.66	10.57	9.39	-116.84	-17.57	572.80	336.80	316.70	20.10	16.760		
3,900.00	3,835.80	3,876.82	3,831.48	10.84	9.66	-116.75	-18.20	590.84	347.07	326.45	20.62	16.834		
4,000.00	3,933.84	3,976.29	3,929.30	11.12	9.92	-116.67	-18.84	608.89	357.34	336.19	21.15	16.896		
4,100.00	4,031.88	4,075.76	4,027.11	11.40	10.19	-116.59	-19.47	626.94	367.61	345.92	21.69	16.947		
4,200.00	4,129.91	4,175.23	4,124.93	11.69	10.47	-116.51	-20.10	644.99	377.89	355.65	22.24	16.989		
4,300.00	4,227.95	4,274.70	4,222.75	11.98	10.75	-116.44	-20.73	663.03	388.16	365.36	22.80	17.023		
4,400.00	4,325.99	4,374.17	4,320.56	12.27	11.03	-116.38	-21.36	681.08	398.44	375.07	23.37	17.050		
4,500.00	4,424.03	4,473.64	4,418.38	12.57	11.32	-116.31	-21.99	699.13	408.71	384.77	23.94	17.070		
4,600.00	4,522.06	4,573.11	4,516.20	12.88	11.61	-116.25	-22.62	717.18	418.99	394.46	24.52	17.084		
4,700.00	4,620.10	4,672.58	4,614.01	13.18	11.91	-116.20	-23.25	735.22	429.26	404.15	25.11	17.094		
4,800.00	4,718.14	4,772.05	4,711.83	13.49	12.20	-116.14	-23.88	753.27	439.54	413.83	25.71	17.099		
4,900.00	4,816.17	4,871.52	4,809.65	13.80	12.50	-116.09	-24.51	771.32	449.82	423.51	26.30	17.101		
5,000.00	4,914.21	4,970.99	4,907.46	14.12	12.80	-116.04	-25.14	789.37	460.09	433.19	26.91	17.099		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,012.25	5,070.46	5,005.28	14.43	13.11	-115.99	-25.77	807.41	470.37	442.86	27.52	17.094		
5,200.00	5,110.29	5,169.93	5,103.10	14.75	13.41	-115.95	-26.40	825.46	480.65	452.52	28.13	17.087		
5,300.00	5,208.32	5,269.40	5,200.92	15.07	13.72	-115.91	-27.03	843.51	490.93	462.18	28.75	17.078		
5,400.00	5,306.36	5,368.87	5,298.73	15.40	14.03	-115.86	-27.66	861.56	501.21	471.84	29.37	17.067		
5,500.00	5,404.40	5,468.34	5,396.55	15.72	14.34	-115.82	-28.29	879.61	511.49	481.49	29.99	17.054		
5,600.00	5,502.44	5,567.81	5,494.37	16.05	14.66	-115.79	-28.92	897.65	521.77	491.15	30.62	17.040		
5,700.00	5,600.47	5,667.28	5,592.18	16.38	14.97	-115.75	-29.55	915.70	532.04	500.79	31.25	17.025		
5,800.00	5,698.51	5,766.75	5,690.00	16.71	15.29	-115.71	-30.18	933.75	542.32	510.44	31.88	17.009		
5,900.00	5,796.55	5,866.22	5,787.82	17.04	15.60	-115.68	-30.81	951.80	552.60	520.08	32.52	16.992		
6,000.00	5,894.59	5,965.69	5,886.63	17.38	15.92	-115.65	-31.44	969.84	562.88	529.72	33.16	16.975		
6,100.00	5,992.62	6,065.15	5,983.45	17.71	16.24	-115.61	-32.07	987.89	573.16	539.36	33.80	16.956		
6,200.00	6,090.66	6,164.62	6,081.27	18.05	16.56	-115.58	-32.70	1,005.94	583.44	549.00	34.45	16.938		
6,300.00	6,188.70	6,264.09	6,179.08	18.39	16.89	-115.55	-33.33	1,023.99	593.72	558.63	35.09	16.919		
6,400.00	6,286.74	6,363.56	6,276.90	18.72	17.21	-115.53	-33.96	1,042.03	604.00	568.26	35.74	16.899		
6,500.00	6,384.77	6,463.03	6,374.72	19.06	17.53	-115.50	-34.59	1,060.08	614.28	577.89	36.39	16.880		
6,600.00	6,482.81	6,562.50	6,472.53	19.40	17.86	-115.47	-35.22	1,078.13	624.57	587.52	37.04	16.860		
6,700.00	6,580.86	6,663.37	6,571.75	19.74	18.18	-117.43	-35.86	1,096.33	634.84	597.15	37.69	16.842		
6,800.00	6,679.86	6,776.36	6,684.26	19.94	18.40	-174.26	-36.51	1,104.81	645.15	607.02	38.13	16.921		
6,900.00	6,778.81	6,889.06	6,796.23	20.07	18.52	131.15	-37.02	1,093.36	655.44	617.09	38.35	17.091		
7,000.00	6,875.27	7,001.11	6,903.83	20.15	18.56	114.52	-37.40	1,062.60	665.50	627.09	38.41	17.327		
7,100.00	6,966.86	7,112.16	7,003.51	20.17	18.54	107.09	-37.62	1,013.99	675.12	636.78	38.34	17.607		
7,200.00	7,051.33	7,221.91	7,092.27	20.15	18.51	102.51	-37.68	949.66	684.11	645.89	38.22	17.898		
7,300.00	7,126.59	7,330.14	7,167.72	20.10	18.49	99.18	-37.59	872.25	692.30	654.19	38.11	18.164		
7,400.00	7,190.80	7,436.68	7,228.14	20.04	18.53	96.53	-37.35	784.65	699.53	661.43	38.09	18.365		
7,500.00	7,242.38	7,541.41	7,272.50	19.99	18.65	94.33	-36.99	689.91	705.65	667.43	38.22	18.463		
7,600.00	7,280.05	7,644.29	7,300.39	19.97	18.86	92.50	-36.51	591.01	710.54	672.00	38.54	18.437		
7,700.00	7,302.88	7,745.30	7,311.94	19.99	19.17	90.99	-35.94	490.76	714.11	675.05	39.06	18.283		
7,800.00	7,310.32	7,845.00	7,310.16	20.09	19.59	89.98	-35.30	391.11	716.25	676.45	39.80	17.997		
7,900.00	7,307.40	7,944.99	7,306.89	20.33	20.12	89.94	-34.65	291.17	717.30	676.52	40.78	17.590		
8,000.00	7,304.23	8,044.98	7,303.62	20.77	20.78	89.93	-34.00	191.23	718.33	676.32	42.01	17.099		
8,100.00	7,301.05	8,144.98	7,300.36	21.38	21.55	89.93	-33.36	91.29	719.36	675.89	43.47	16.550		
8,200.00	7,297.88	8,244.97	7,297.09	22.15	22.42	89.92	-32.71	-8.65	720.39	675.26	45.13	15.963		
8,300.00	7,294.71	8,344.97	7,293.83	23.03	23.38	89.91	-32.06	-108.59	721.42	674.45	46.97	15.359		
8,400.00	7,291.54	8,444.96	7,290.56	24.00	24.41	89.90	-31.41	-208.53	722.45	673.47	48.97	14.752		
8,500.00	7,288.36	8,544.96	7,287.29	25.05	25.52	89.90	-30.76	-308.47	723.47	672.36	51.12	14.153		
8,600.00	7,285.19	8,644.95	7,284.03	26.17	26.68	89.89	-30.11	-408.41	724.50	671.11	53.39	13.570		
8,700.00	7,282.02	8,744.95	7,280.76	27.34	27.90	89.88	-29.46	-508.34	725.53	669.76	55.77	13.010		
8,800.00	7,278.85	8,844.94	7,277.50	28.57	29.16	89.87	-28.82	-608.28	726.56	668.31	58.24	12.475		
8,900.00	7,275.67	8,944.94	7,274.23	29.84	30.46	89.87	-28.17	-708.22	727.59	666.78	60.80	11.966		
9,000.00	7,272.50	9,044.93	7,270.97	31.14	31.79	89.86	-27.52	-808.16	728.61	665.18	63.44	11.486		
9,100.00	7,269.33	9,144.92	7,267.70	32.48	33.16	89.85	-26.87	-908.10	729.64	663.51	66.13	11.033		
9,200.00	7,266.15	9,244.92	7,264.43	33.85	34.55	89.85	-26.22	-1,008.04	730.67	661.78	68.89	10.607		
9,300.00	7,262.98	9,344.91	7,261.17	35.24	35.97	89.84	-25.57	-1,107.98	731.70	660.00	71.69	10.206		
9,400.00	7,259.81	9,444.91	7,257.90	36.66	37.41	89.83	-24.93	-1,207.92	732.73	658.18	74.54	9.829		
9,500.00	7,256.64	9,544.90	7,254.64	38.10	38.87	89.82	-24.28	-1,307.86	733.76	656.32	77.44	9.476		
9,600.00	7,253.46	9,644.90	7,251.37	39.55	40.34	89.82	-23.63	-1,407.80	734.78	654.42	80.36	9.144		
9,700.00	7,250.29	9,744.89	7,248.10	41.02	41.83	89.81	-22.98	-1,507.74	735.81	652.49	83.32	8.831		
9,800.00	7,247.12	9,844.89	7,244.84	42.51	43.33	89.80	-22.33	-1,607.68	736.84	650.54	86.30	8.538		
9,900.00	7,243.95	9,944.88	7,241.57	44.01	44.84	89.80	-21.68	-1,707.62	737.87	648.55	89.32	8.261		
10,000.00	7,240.77	10,044.88	7,238.31	45.52	46.37	89.79	-21.04	-1,807.55	738.90	646.55	92.35	8.001		
10,100.00	7,237.60	10,144.87	7,235.04	47.04	47.91	89.78	-20.39	-1,907.49	739.93	644.52	95.41	7.756		
10,200.00	7,234.43	10,244.87	7,231.77	48.57	49.45	89.78	-19.74	-2,007.43	740.95	642.47	98.48	7.524		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,231.25	10,344.86	7,228.51	50.11	51.00	89.77	-19.09	-2,107.37	741.98	640.41	101.57	7.305		
10,400.00	7,228.08	10,444.86	7,225.24	51.66	52.56	89.76	-18.44	-2,207.31	743.01	638.33	104.68	7.098		
10,500.00	7,224.91	10,544.85	7,221.98	53.21	54.13	89.76	-17.79	-2,307.25	744.04	636.24	107.80	6.902		
10,600.00	7,221.74	10,644.84	7,218.71	54.78	55.70	89.75	-17.14	-2,407.19	745.07	634.13	110.93	6.716		
10,700.00	7,218.56	10,744.84	7,215.44	56.34	57.28	89.74	-16.50	-2,507.13	746.10	632.02	114.08	6.540		
10,800.00	7,215.39	10,844.83	7,212.18	57.92	58.86	89.73	-15.85	-2,607.07	747.12	629.89	117.24	6.373		
10,900.00	7,212.22	10,944.83	7,208.91	59.50	60.45	89.73	-15.20	-2,707.01	748.15	627.75	120.41	6.214		
11,000.00	7,209.05	11,044.82	7,205.65	61.08	62.04	89.72	-14.55	-2,806.95	749.18	625.60	123.58	6.062		
11,100.00	7,205.87	11,144.82	7,202.38	62.67	63.64	89.71	-13.90	-2,906.89	750.21	623.44	126.77	5.918		
11,200.00	7,202.70	11,244.81	7,199.11	64.26	65.24	89.71	-13.25	-3,006.83	751.24	621.28	129.96	5.781		
11,300.00	7,199.53	11,344.81	7,195.85	65.86	66.84	89.70	-12.61	-3,106.76	752.27	619.11	133.16	5.649		
11,400.00	7,196.36	11,444.80	7,192.58	67.46	68.45	89.69	-11.96	-3,206.70	753.30	616.93	136.37	5.524		
11,500.00	7,193.18	11,544.80	7,189.32	69.06	70.06	89.69	-11.31	-3,306.64	754.32	614.74	139.58	5.404		
11,600.00	7,190.01	11,644.79	7,186.05	70.67	71.67	89.68	-10.66	-3,406.58	755.35	612.55	142.80	5.289		
11,700.00	7,186.84	11,744.79	7,182.78	72.28	73.29	89.67	-10.01	-3,506.52	756.38	610.35	146.03	5.180		
11,800.00	7,183.66	11,844.78	7,179.52	73.89	74.91	89.67	-9.36	-3,606.46	757.41	608.15	149.26	5.074		
11,900.00	7,180.49	11,944.78	7,176.25	75.50	76.53	89.66	-8.71	-3,706.40	758.44	605.94	152.50	4.973		
12,000.00	7,177.32	12,044.77	7,172.99	77.12	78.15	89.65	-8.07	-3,806.34	759.47	603.73	155.74	4.877		
12,100.00	7,174.15	12,144.76	7,169.72	78.74	79.78	89.65	-7.42	-3,906.28	760.50	601.51	158.98	4.784		
12,200.00	7,170.97	12,244.76	7,166.45	80.36	81.40	89.64	-6.77	-4,006.22	761.52	599.29	162.23	4.694		
12,300.00	7,167.80	12,344.75	7,163.19	81.99	83.03	89.63	-6.12	-4,106.16	762.55	597.07	165.48	4.608		
12,400.00	7,164.63	12,444.75	7,159.92	83.61	84.66	89.63	-5.47	-4,206.10	763.58	594.84	168.74	4.525		
12,500.00	7,161.46	12,544.74	7,156.66	85.24	86.30	89.62	-4.82	-4,306.04	764.61	592.61	172.00	4.445		
12,600.00	7,158.28	12,644.74	7,153.39	86.87	87.93	89.61	-4.18	-4,405.97	765.64	590.38	175.26	4.369		
12,700.00	7,155.11	12,744.73	7,150.12	88.50	89.56	89.61	-3.53	-4,505.91	766.67	588.14	178.53	4.294		
12,800.00	7,151.94	12,844.73	7,146.86	90.13	91.20	89.60	-2.88	-4,605.85	767.70	585.90	181.80	4.223		
12,900.00	7,148.76	12,944.72	7,143.59	91.76	92.84	89.60	-2.23	-4,705.79	768.72	583.66	185.07	4.154		
13,000.00	7,145.59	13,044.72	7,140.33	93.40	94.48	89.59	-1.58	-4,805.73	769.75	581.41	188.34	4.087		
13,100.00	7,142.42	13,144.71	7,137.06	95.03	96.12	89.58	-0.93	-4,905.67	770.78	579.16	191.62	4.023		
13,200.00	7,139.25	13,244.71	7,133.79	96.67	97.76	89.58	-0.29	-5,005.61	771.81	576.91	194.90	3.960		
13,300.00	7,136.07	13,344.70	7,130.53	98.31	99.40	89.57	0.36	-5,105.55	772.84	574.66	198.18	3.900		
13,400.00	7,132.90	13,444.70	7,127.26	99.95	101.04	89.56	1.01	-5,205.49	773.87	572.41	201.46	3.841		
13,500.00	7,129.73	13,544.69	7,124.00	101.59	102.69	89.56	1.66	-5,305.43	774.90	570.15	204.74	3.785		
13,600.00	7,126.56	13,644.68	7,120.73	103.23	104.33	89.55	2.31	-5,405.37	775.92	567.89	208.03	3.730		
13,700.00	7,123.38	13,744.68	7,117.46	104.87	105.98	89.54	2.96	-5,505.31	776.95	565.63	211.32	3.677		
13,800.00	7,120.21	13,844.67	7,114.20	106.51	107.63	89.54	3.61	-5,605.24	777.98	563.37	214.61	3.625		
13,900.00	7,117.04	13,944.67	7,110.93	108.16	109.27	89.53	4.25	-5,705.18	779.01	561.11	217.90	3.575		
14,000.00	7,113.87	14,044.66	7,107.67	109.80	110.92	89.53	4.90	-5,805.12	780.04	558.84	221.19	3.526		
14,100.00	7,110.69	14,144.66	7,104.40	111.45	112.57	89.52	5.55	-5,905.06	781.07	556.58	224.49	3.479		
14,200.00	7,107.52	14,244.65	7,101.13	113.10	114.22	89.51	6.20	-6,005.00	782.10	554.31	227.79	3.433		
14,300.00	7,104.35	14,344.65	7,097.87	114.74	115.87	89.51	6.85	-6,104.94	783.13	552.04	231.08	3.389		
14,400.00	7,101.17	14,444.64	7,094.60	116.39	117.52	89.50	7.50	-6,204.88	784.15	549.77	234.38	3.346		
14,500.00	7,098.00	14,544.64	7,091.34	118.04	119.17	89.49	8.14	-6,304.82	785.18	547.50	237.68	3.303		
14,600.00	7,094.83	14,644.63	7,088.07	119.69	120.82	89.49	8.79	-6,404.76	786.21	545.23	240.98	3.262		
14,700.00	7,091.66	14,744.63	7,084.80	121.34	122.48	89.48	9.44	-6,504.70	787.24	542.95	244.29	3.223		
14,800.00	7,088.48	14,844.62	7,081.54	122.99	124.13	89.48	10.09	-6,604.64	788.27	540.68	247.59	3.184		
14,900.00	7,085.31	14,944.62	7,078.27	124.64	125.78	89.47	10.74	-6,704.58	789.30	538.40	250.90	3.146		
15,000.00	7,082.14	15,044.61	7,075.01	126.29	127.44	89.46	11.39	-6,804.52	790.33	536.13	254.20	3.109		
15,100.00	7,078.97	15,144.61	7,071.74	127.94	129.09	89.46	12.04	-6,904.45	791.36	533.85	257.51	3.073		
15,200.00	7,075.79	15,244.60	7,068.47	129.60	130.75	89.45	12.68	-7,004.39	792.39	531.57	260.82	3.038		
15,300.00	7,072.62	15,344.59	7,065.21	131.25	132.40	89.45	13.33	-7,104.33	793.41	529.29	264.13	3.004		
15,400.00	7,069.45	15,444.59	7,061.94	132.90	134.06	89.44	13.98	-7,204.27	794.44	527.01	267.44	2.971		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
15,500.00	7,066.27	15,544.58	7,058.68	134.55	135.72	89.43	14.63	-7,304.21	795.47	524.73	270.74	2.938	
15,578.05	7,063.80	15,622.63	7,056.13	135.85	137.01	89.43	15.14	-7,382.22	796.28	522.95	273.32	2.913 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.35	-0.36	60.14	60.14					
100.00	100.00	100.00	100.00	3.28	3.28	90.35	-0.36	60.14	60.14	52.61	7.53	7.988		
200.00	200.00	200.00	200.00	3.31	3.31	90.35	-0.36	60.14	60.14	52.56	7.57	7.940		
300.00	300.00	299.76	299.74	3.35	3.35	-31.44	-2.08	60.15	59.82	52.16	7.66	7.814		
400.00	399.93	397.74	397.65	3.41	3.40	-30.45	-4.95	62.15	58.98	51.21	7.77	7.592		
500.00	499.68	495.74	495.47	3.49	3.49	-31.65	-7.46	67.48	58.53	50.61	7.92	7.391		
539.01	538.52	533.96	533.56	3.53	3.53	-32.71	-8.34	70.46	58.48	50.49	7.99	7.321	CC, ES	
600.00	599.13	593.69	593.01	3.60	3.60	-35.03	-9.61	76.13	58.62	50.51	8.11	7.230		
700.00	698.15	691.50	690.07	3.74	3.73	-40.45	-11.40	88.07	59.64	51.30	8.34	7.147		
800.00	796.63	789.11	788.47	3.93	3.90	-47.50	-12.82	103.26	62.18	53.54	8.64	7.195		
900.00	894.68	888.62	884.48	4.15	4.09	-55.29	-14.09	120.46	65.96	56.91	9.05	7.288		
1,000.00	992.71	988.17	982.52	4.40	4.32	-62.19	-15.35	137.67	70.81	61.28	9.53	7.432		
1,100.00	1,090.75	1,087.71	1,080.55	4.68	4.56	-68.13	-16.61	154.87	76.54	66.48	10.06	7.609		
1,200.00	1,188.79	1,187.25	1,178.59	4.98	4.83	-73.21	-17.88	172.08	82.98	72.35	10.63	7.803		
1,300.00	1,286.83	1,286.79	1,276.62	5.30	5.11	-77.53	-19.14	189.28	89.98	78.74	11.24	8.003		
1,400.00	1,384.86	1,386.33	1,374.66	5.63	5.40	-81.21	-20.40	206.49	97.42	85.54	11.88	8.200		
1,500.00	1,482.90	1,485.88	1,472.70	5.98	5.71	-84.36	-21.67	223.69	105.19	92.66	12.54	8.391		
1,600.00	1,580.94	1,585.42	1,570.73	6.33	6.02	-87.07	-22.93	240.90	113.25	100.03	13.21	8.572		
1,700.00	1,678.98	1,684.96	1,668.77	6.69	6.34	-89.41	-24.19	258.10	121.51	107.62	13.90	8.743		
1,800.00	1,777.01	1,784.50	1,766.80	7.06	6.67	-91.46	-25.46	275.31	129.96	115.36	14.60	8.903		
1,900.00	1,875.05	1,884.05	1,864.84	7.27	6.88	-93.25	-26.72	292.51	138.55	123.93	14.62	9.474		
2,000.00	1,973.09	1,983.59	1,962.88	7.31	6.94	-94.83	-27.98	309.72	147.26	132.53	14.74	9.994		
2,100.00	2,071.13	2,083.13	2,060.91	7.38	6.99	-96.24	-29.25	326.92	156.07	141.22	14.85	10.508		
2,200.00	2,169.16	2,182.67	2,158.95	7.46	7.06	-97.50	-30.51	344.13	164.96	149.96	15.00	10.996		
2,300.00	2,267.20	2,282.21	2,256.98	7.56	7.14	-98.62	-31.78	361.33	173.93	158.74	15.18	11.456		
2,400.00	2,365.24	2,381.76	2,355.02	7.67	7.24	-99.64	-33.04	378.54	182.95	167.56	15.39	11.885		
2,500.00	2,463.28	2,481.30	2,453.06	7.80	7.36	-100.56	-34.30	395.74	192.02	176.39	15.63	12.284		
2,600.00	2,561.31	2,580.84	2,551.09	7.95	7.49	-101.40	-35.57	412.95	201.14	185.24	15.90	12.651		
2,700.00	2,659.35	2,680.38	2,649.13	8.11	7.63	-102.16	-36.83	430.15	210.30	194.11	16.19	12.987		
2,800.00	2,757.39	2,779.93	2,747.16	8.28	7.78	-102.86	-38.09	447.36	219.50	202.98	16.51	13.293		
2,900.00	2,855.43	2,879.47	2,845.20	8.47	7.95	-103.50	-39.36	464.56	228.72	211.86	16.85	13.571		
3,000.00	2,953.46	2,979.01	2,943.24	8.66	8.12	-104.10	-40.62	481.76	237.97	220.75	17.22	13.821		
3,100.00	3,051.50	3,078.55	3,041.27	8.87	8.31	-104.65	-41.88	498.97	247.24	229.64	17.60	14.046		
3,200.00	3,149.54	3,178.09	3,139.31	9.09	8.51	-105.16	-43.15	516.17	256.53	238.53	18.01	14.248		
3,300.00	3,247.58	3,277.64	3,237.34	9.32	8.71	-105.63	-44.41	533.38	265.85	247.42	18.43	14.427		
3,400.00	3,345.61	3,377.18	3,335.38	9.55	8.93	-106.07	-45.67	550.58	275.18	256.31	18.87	14.586		
3,500.00	3,443.65	3,476.72	3,433.41	9.80	9.15	-106.49	-46.94	567.79	284.52	265.20	19.32	14.728		
3,600.00	3,541.69	3,576.26	3,531.45	10.05	9.38	-106.87	-48.20	584.99	293.88	274.09	19.79	14.852		
3,700.00	3,639.73	3,675.81	3,629.49	10.31	9.61	-107.24	-49.46	602.20	303.25	282.98	20.27	14.962		
3,800.00	3,737.76	3,775.35	3,727.52	10.57	9.85	-107.58	-50.73	619.40	312.63	291.87	20.76	15.058		
3,900.00	3,835.80	3,874.89	3,825.56	10.84	10.10	-107.90	-51.99	636.61	322.02	300.76	21.27	15.142		
4,000.00	3,933.84	3,974.43	3,923.59	11.12	10.35	-108.20	-53.25	653.81	331.42	309.64	21.78	15.215		
4,100.00	4,031.88	4,073.97	4,021.63	11.40	10.61	-108.49	-54.52	671.02	340.83	318.53	22.31	15.278		
4,200.00	4,129.91	4,173.52	4,119.67	11.69	10.87	-108.76	-55.78	688.22	350.25	327.41	22.84	15.333		
4,300.00	4,227.95	4,273.06	4,217.70	11.98	11.14	-109.02	-57.04	705.43	359.68	336.29	23.39	15.380		
4,400.00	4,325.99	4,372.60	4,315.74	12.27	11.41	-109.26	-58.31	722.63	369.11	345.17	23.94	15.420		
4,500.00	4,424.03	4,472.14	4,413.77	12.57	11.68	-109.49	-59.57	739.84	378.55	354.05	24.50	15.453		
4,600.00	4,522.06	4,571.68	4,511.81	12.88	11.96	-109.71	-60.83	757.04	387.99	362.93	25.06	15.481		
4,700.00	4,620.10	4,671.23	4,609.85	13.18	12.24	-109.92	-62.10	774.25	397.44	371.81	25.63	15.505		
4,800.00	4,718.14	4,770.77	4,707.88	13.49	12.53	-110.12	-63.36	791.45	406.90	380.69	26.21	15.523		
4,900.00	4,816.17	4,870.31	4,805.92	13.80	12.81	-110.31	-64.62	808.66	416.36	389.56	26.80	15.538		
5,000.00	4,914.21	4,969.85	4,903.95	14.12	13.10	-110.49	-65.89	825.86	425.82	398.44	27.38	15.550		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,069.40	5,001.99	14.43	13.39	-110.67	-67.15	843.07	435.29	407.31	27.98	15.559		
5,200.00	5,110.29	5,168.94	5,100.03	14.75	13.69	-110.84	-68.41	860.27	444.76	416.19	28.58	15.564		
5,300.00	5,208.32	5,268.48	5,198.06	15.07	13.98	-111.00	-69.68	877.47	454.24	425.06	29.18	15.568		
5,400.00	5,306.36	5,368.02	5,296.10	15.40	14.28	-111.15	-70.94	894.68	463.72	433.93	29.78	15.569		
5,500.00	5,404.40	5,467.56	5,394.13	15.72	14.58	-111.30	-72.20	911.88	473.20	442.80	30.39	15.568		
5,600.00	5,502.44	5,567.11	5,492.17	16.05	14.89	-111.44	-73.47	929.09	482.68	451.68	31.01	15.566		
5,700.00	5,600.47	5,666.65	5,590.21	16.38	15.19	-111.58	-74.73	946.29	492.17	460.55	31.63	15.563		
5,800.00	5,698.51	5,766.19	5,688.24	16.71	15.49	-111.71	-75.99	963.50	501.66	469.42	32.25	15.558		
5,900.00	5,796.55	5,865.73	5,786.28	17.04	15.80	-111.83	-77.26	980.70	511.16	478.29	32.87	15.551		
6,000.00	5,894.59	5,965.28	5,884.31	17.38	16.11	-111.95	-78.52	997.91	520.65	487.16	33.49	15.544		
6,100.00	5,992.62	6,064.82	5,982.35	17.71	16.42	-112.07	-79.78	1,015.11	530.15	496.03	34.12	15.536		
6,200.00	6,090.66	6,164.36	6,080.39	18.05	16.73	-112.18	-81.05	1,032.32	539.65	504.90	34.75	15.528		
6,300.00	6,188.70	6,263.90	6,178.42	18.39	17.04	-112.29	-82.31	1,049.52	549.15	513.76	35.39	15.518		
6,400.00	6,286.74	6,363.44	6,276.46	18.72	17.35	-112.40	-83.57	1,066.73	558.65	522.63	36.02	15.508		
6,500.00	6,384.77	6,462.99	6,374.49	19.06	17.67	-112.50	-84.84	1,083.93	568.16	531.50	36.66	15.498		
6,600.00	6,482.81	6,560.01	6,490.85	19.40	17.91	-113.56	-86.41	1,094.61	576.23	539.03	37.20	15.490		
6,700.00	6,580.86	6,691.44	6,601.70	19.74	18.03	-118.38	-88.04	1,084.86	581.97	544.46	37.51	15.516		
6,800.00	6,679.86	6,794.72	6,701.49	19.94	18.07	-178.11	-89.63	1,058.71	588.40	550.83	37.57	15.661		
6,900.00	6,778.81	6,892.52	6,790.91	20.07	18.06	124.68	-91.17	1,019.39	596.69	559.18	37.51	15.908		
7,000.00	6,875.27	6,985.70	6,869.57	20.15	18.04	105.74	-92.63	969.60	606.50	569.14	37.36	16.233		
7,100.00	6,966.86	7,075.04	6,937.40	20.17	18.01	96.31	-93.99	911.58	617.34	580.17	37.17	16.609		
7,200.00	7,051.33	7,161.22	6,994.51	20.15	18.00	90.08	-95.25	847.15	628.66	591.69	36.97	17.004		
7,300.00	7,126.59	7,244.80	7,041.11	20.10	18.03	85.42	-96.40	777.84	639.89	603.06	36.82	17.378		
7,400.00	7,190.80	7,326.26	7,077.41	20.04	18.11	81.79	-97.42	704.99	650.47	613.69	36.78	17.686		
7,500.00	7,242.38	7,406.01	7,103.66	19.99	18.25	78.92	-98.32	629.75	659.91	623.03	36.88	17.892		
7,600.00	7,280.05	7,484.38	7,120.11	19.97	18.45	76.71	-99.09	553.17	667.77	630.60	37.17	17.966		
7,700.00	7,302.88	7,561.69	7,126.99	19.99	18.70	75.11	-99.73	476.22	673.69	636.05	37.64	17.898		
7,800.00	7,310.32	7,650.59	7,125.51	20.09	19.09	74.15	-100.33	387.35	676.92	638.61	38.31	17.670		
7,900.00	7,307.40	7,750.58	7,122.69	20.33	19.64	74.16	-100.99	287.40	676.65	637.41	39.24	17.243		
8,000.00	7,304.23	7,850.58	7,119.87	20.77	20.31	74.18	-101.65	187.44	676.28	635.86	40.42	16.731		
8,100.00	7,301.05	7,950.58	7,117.06	21.38	21.09	74.20	-102.31	87.48	675.92	634.09	41.83	16.160		
8,200.00	7,297.88	8,050.58	7,114.24	22.15	21.98	74.22	-102.97	-12.47	675.55	632.11	43.43	15.554		
8,300.00	7,294.71	8,150.58	7,111.42	23.03	22.95	74.25	-103.64	-112.43	675.18	629.96	45.22	14.931		
8,400.00	7,291.54	8,250.58	7,108.60	24.00	24.01	74.27	-104.30	-212.39	674.81	627.64	47.17	14.306		
8,500.00	7,288.36	8,350.58	7,105.78	25.05	25.13	74.29	-104.96	-312.34	674.44	625.18	49.26	13.691		
8,600.00	7,285.19	8,450.58	7,102.97	26.17	26.31	74.31	-105.62	-412.30	674.08	622.60	51.47	13.095		
8,700.00	7,282.02	8,550.58	7,100.15	27.34	27.54	74.34	-106.28	-512.26	673.71	619.91	53.80	12.523		
8,800.00	7,278.85	8,650.57	7,097.33	28.57	28.81	74.36	-106.94	-612.22	673.34	617.13	56.22	11.978		
8,900.00	7,275.67	8,750.57	7,094.51	29.84	30.13	74.38	-107.60	-712.17	672.98	614.26	58.72	11.461		
9,000.00	7,272.50	8,850.57	7,091.70	31.14	31.48	74.41	-108.27	-812.13	672.61	611.32	61.29	10.974		
9,100.00	7,269.33	8,950.57	7,088.88	32.48	32.86	74.43	-108.93	-912.09	672.24	608.31	63.93	10.515		
9,200.00	7,266.15	9,050.57	7,086.06	33.85	34.26	74.45	-109.59	-1,012.04	671.87	605.25	66.63	10.084		
9,300.00	7,262.98	9,150.57	7,083.24	35.24	35.69	74.47	-110.25	-1,112.00	671.51	602.14	69.37	9.680		
9,400.00	7,259.81	9,250.57	7,080.42	36.66	37.14	74.50	-110.91	-1,211.96	671.14	598.98	72.16	9.300		
9,500.00	7,256.64	9,350.57	7,077.61	38.10	38.60	74.52	-111.57	-1,311.92	670.78	595.78	74.99	8.945		
9,600.00	7,253.46	9,450.57	7,074.79	39.55	40.08	74.54	-112.23	-1,411.87	670.41	592.55	77.86	8.611		
9,700.00	7,250.29	9,550.57	7,071.97	41.02	41.58	74.56	-112.90	-1,511.83	670.04	589.29	80.75	8.297		
9,800.00	7,247.12	9,650.56	7,069.15	42.51	43.09	74.59	-113.56	-1,611.79	669.68	586.00	83.68	8.003		
9,900.00	7,243.95	9,750.56	7,066.34	44.01	44.61	74.61	-114.22	-1,711.74	669.31	582.68	86.63	7.726		
10,000.00	7,240.77	9,850.56	7,063.52	45.52	46.14	74.63	-114.88	-1,811.70	668.94	579.34	89.60	7.466		
10,100.00	7,237.60	9,950.56	7,060.70	47.04	47.68	74.66	-115.54	-1,911.66	668.58	575.98	92.59	7.221		
10,200.00	7,234.43	10,050.56	7,057.88	48.57	49.23	74.68	-116.20	-2,011.62	668.21	572.61	95.61	6.989		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,150.56	7,055.06	50.11	50.79	74.70	-116.86	-2,111.57	667.85	569.21	98.64	6.771		
10,400.00	7,228.08	10,250.56	7,052.25	51.66	52.35	74.73	-117.53	-2,211.53	667.48	565.80	101.68	6.564		
10,500.00	7,224.91	10,350.56	7,049.43	53.21	53.93	74.75	-118.19	-2,311.49	667.12	562.38	104.74	6.369		
10,600.00	7,221.74	10,450.56	7,046.61	54.78	55.50	74.77	-118.85	-2,411.44	666.75	558.94	107.81	6.184		
10,700.00	7,218.56	10,550.56	7,043.79	56.34	57.08	74.79	-119.51	-2,511.40	666.39	555.49	110.90	6.009		
10,800.00	7,215.39	10,650.55	7,040.98	57.92	58.67	74.82	-120.17	-2,611.36	666.02	552.03	113.99	5.843		
10,900.00	7,212.22	10,750.55	7,038.16	59.50	60.26	74.84	-120.83	-2,711.31	665.66	548.56	117.10	5.685		
11,000.00	7,209.05	10,850.55	7,035.34	61.08	61.86	74.86	-121.49	-2,811.27	665.29	545.08	120.22	5.534		
11,100.00	7,205.87	10,950.55	7,032.52	62.67	63.46	74.89	-122.16	-2,911.23	664.93	541.59	123.34	5.391		
11,200.00	7,202.70	11,050.55	7,029.70	64.26	65.06	74.91	-122.82	-3,011.19	664.56	538.09	126.47	5.255		
11,300.00	7,199.53	11,150.55	7,026.89	65.86	66.67	74.93	-123.48	-3,111.14	664.20	534.58	129.61	5.124		
11,400.00	7,196.36	11,250.55	7,024.07	67.46	68.28	74.96	-124.14	-3,211.10	663.83	531.07	132.76	5.000		
11,500.00	7,193.18	11,350.55	7,021.25	69.06	69.89	74.98	-124.80	-3,311.06	663.47	527.55	135.91	4.882		
11,600.00	7,190.01	11,450.55	7,018.43	70.67	71.51	75.00	-125.46	-3,411.01	663.10	524.03	139.08	4.768		
11,700.00	7,186.84	11,550.54	7,015.62	72.28	73.12	75.03	-126.12	-3,510.97	662.74	520.50	142.24	4.659		
11,800.00	7,183.66	11,650.54	7,012.80	73.89	74.74	75.05	-126.79	-3,610.93	662.38	516.96	145.41	4.555		
11,900.00	7,180.49	11,750.54	7,009.98	75.50	76.37	75.07	-127.45	-3,710.89	662.01	513.42	148.59	4.455		
12,000.00	7,177.32	11,850.54	7,007.16	77.12	77.99	75.10	-128.11	-3,810.84	661.65	509.88	151.77	4.359		
12,100.00	7,174.15	11,950.54	7,004.34	78.74	79.62	75.12	-128.77	-3,910.80	661.29	506.33	154.96	4.268		
12,200.00	7,170.97	12,050.54	7,001.53	80.36	81.24	75.14	-129.43	-4,010.76	660.92	502.77	158.15	4.179		
12,300.00	7,167.80	12,150.54	6,998.71	81.99	82.87	75.17	-130.09	-4,110.71	660.56	499.21	161.34	4.094		
12,400.00	7,164.63	12,250.54	6,995.89	83.61	84.51	75.19	-130.76	-4,210.67	660.19	495.65	164.54	4.012		
12,500.00	7,161.46	12,350.54	6,993.07	85.24	86.14	75.21	-131.42	-4,310.63	659.83	492.09	167.75	3.934		
12,600.00	7,158.28	12,450.54	6,990.26	86.87	87.77	75.24	-132.08	-4,410.59	659.47	488.52	170.95	3.858		
12,700.00	7,155.11	12,550.53	6,987.44	88.50	89.41	75.26	-132.74	-4,510.54	659.11	484.94	174.16	3.784		
12,800.00	7,151.94	12,650.53	6,984.62	90.13	91.05	75.29	-133.40	-4,610.50	658.74	481.37	177.37	3.714		
12,900.00	7,148.76	12,750.53	6,981.80	91.76	92.69	75.31	-134.06	-4,710.46	658.38	477.79	180.59	3.646		
13,000.00	7,145.59	12,850.53	6,978.98	93.40	94.33	75.33	-134.72	-4,810.41	658.02	474.21	183.81	3.580		
13,100.00	7,142.42	12,950.53	6,976.17	95.03	95.97	75.36	-135.39	-4,910.37	657.65	470.62	187.03	3.516		
13,200.00	7,139.25	13,050.53	6,973.35	96.67	97.61	75.38	-136.05	-5,010.33	657.29	467.04	190.25	3.455		
13,300.00	7,136.07	13,150.53	6,970.53	98.31	99.25	75.40	-136.71	-5,110.28	656.93	463.45	193.48	3.395		
13,400.00	7,132.90	13,250.53	6,967.71	99.95	100.89	75.43	-137.37	-5,210.24	656.57	459.86	196.71	3.338		
13,500.00	7,129.73	13,350.53	6,964.89	101.59	102.54	75.45	-138.03	-5,310.20	656.21	456.26	199.94	3.282		
13,600.00	7,126.56	13,450.53	6,962.08	103.23	104.18	75.47	-138.69	-5,410.16	655.84	452.67	203.18	3.228		
13,700.00	7,123.38	13,550.52	6,959.26	104.87	105.83	75.50	-139.35	-5,510.11	655.48	449.07	206.41	3.176		
13,800.00	7,120.21	13,650.52	6,956.44	106.51	107.48	75.52	-140.02	-5,610.07	655.12	445.47	209.65	3.125		
13,900.00	7,117.04	13,750.52	6,953.62	108.16	109.12	75.55	-140.68	-5,710.03	654.76	441.87	212.89	3.076		
14,000.00	7,113.87	13,850.52	6,950.81	109.80	110.77	75.57	-141.34	-5,809.98	654.40	438.27	216.13	3.028		
14,100.00	7,110.69	13,950.52	6,947.99	111.45	112.42	75.59	-142.00	-5,909.94	654.04	434.66	219.38	2.981		
14,200.00	7,107.52	14,050.52	6,945.17	113.10	114.07	75.62	-142.66	-6,009.90	653.67	431.05	222.62	2.936		
14,300.00	7,104.35	14,150.52	6,942.35	114.74	115.72	75.64	-143.32	-6,109.86	653.31	427.44	225.87	2.892		
14,400.00	7,101.17	14,250.52	6,939.53	116.39	117.37	75.67	-143.98	-6,209.81	652.95	423.83	229.12	2.850		
14,500.00	7,098.00	14,350.52	6,936.72	118.04	119.03	75.69	-144.65	-6,309.77	652.59	420.22	232.37	2.808		
14,600.00	7,094.83	14,450.52	6,933.90	119.69	120.68	75.71	-145.31	-6,409.73	652.23	416.61	235.62	2.768		
14,700.00	7,091.66	14,550.51	6,931.08	121.34	122.33	75.74	-145.97	-6,509.68	651.87	412.99	238.88	2.729		
14,800.00	7,088.48	14,650.51	6,928.26	122.99	123.98	75.76	-146.63	-6,609.64	651.51	409.38	242.13	2.691		
14,900.00	7,085.31	14,750.51	6,925.45	124.64	125.64	75.79	-147.29	-6,709.60	651.15	405.76	245.39	2.654		
15,000.00	7,082.14	14,850.51	6,922.63	126.29	127.29	75.81	-147.95	-6,809.55	650.79	402.14	248.65	2.617		
15,100.00	7,078.97	14,950.51	6,919.81	127.94	128.95	75.84	-148.61	-6,909.51	650.43	398.52	251.91	2.582		
15,200.00	7,075.79	15,050.51	6,916.99	129.60	130.60	75.86	-149.28	-7,009.47	650.07	394.90	255.17	2.548		
15,300.00	7,072.62	15,150.51	6,914.17	131.25	132.26	75.88	-149.94	-7,109.43	649.71	391.27	258.43	2.514		
15,400.00	7,069.45	15,250.51	6,911.36	132.90	133.91	75.91	-150.60	-7,209.38	649.35	387.65	261.70	2.481		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis			Distance					Warning	
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
15,500.00	7,066.27	15,350.51	6,908.54	134.55	135.57	75.93	-151.26	-7,309.34	648.99	384.03	264.96	2.449	
15,578.05	7,063.80	15,428.56	6,906.34	135.85	136.86	75.95	-151.78	-7,387.36	648.71	381.20	267.51	2.425 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1-MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	40.09	40.09					
100.00	100.00	100.00	100.00	3.28	3.28	90.00	0.00	40.09	40.09	32.56	7.53	5.325		
200.00	200.00	200.00	200.00	3.31	3.31	90.00	0.00	40.09	40.09	32.52	7.57	5.293		
283.89	283.88	283.45	283.45	3.34	3.34	-33.58	-0.07	40.27	39.76	32.12	7.64	5.203 CC, ES		
300.00	300.00	299.36	299.35	3.35	3.35	-33.32	-0.15	40.49	40.13	32.47	7.66	5.240		
400.00	399.93	398.07	398.00	3.41	3.41	-34.23	-1.39	43.65	40.42	32.65	7.77	5.204		
500.00	499.68	496.77	496.46	3.49	3.49	-36.02	-3.87	49.98	41.04	33.13	7.92	5.185		
600.00	599.13	595.45	594.62	3.60	3.60	-38.59	-7.57	59.47	42.04	33.94	8.11	5.186		
700.00	698.15	694.12	692.34	3.74	3.74	-41.82	-12.51	72.09	43.51	35.16	8.35	5.210		
800.00	796.63	806.94	789.83	3.93	3.94	-45.62	-18.65	87.80	45.44	36.75	8.69	5.229		
900.00	894.68	907.03	888.10	4.15	4.16	-50.55	-25.22	104.60	46.86	37.75	9.11	5.145		
1,000.00	992.71	1,007.12	986.36	4.40	4.40	-55.21	-31.78	121.40	48.56	38.97	9.59	5.064		
1,100.00	1,090.75	1,107.21	1,084.63	4.68	4.67	-59.54	-38.35	138.20	50.57	40.44	10.13	4.992		
1,200.00	1,188.79	1,192.70	1,182.90	4.98	4.91	-63.51	-44.91	154.99	52.85	42.17	10.68	4.948		
1,300.00	1,286.83	1,307.39	1,281.17	5.30	5.25	-67.14	-51.48	171.79	55.36	44.01	11.35	4.878		
1,400.00	1,384.86	1,407.48	1,379.44	5.63	5.57	-70.44	-58.05	188.59	58.06	46.06	12.01	4.835		
1,500.00	1,482.90	1,507.57	1,477.71	5.98	5.89	-73.44	-64.61	205.39	60.95	48.26	12.69	4.801		
1,600.00	1,580.94	1,607.66	1,575.98	6.33	6.22	-76.17	-71.18	222.19	63.99	50.59	13.40	4.775		
1,700.00	1,678.98	1,707.75	1,674.24	6.69	6.56	-78.64	-77.74	238.98	67.16	53.03	14.12	4.755		
1,800.00	1,777.01	1,807.84	1,772.51	7.06	6.90	-80.88	-84.31	255.78	70.44	55.59	14.84	4.745		
1,900.00	1,875.05	1,907.93	1,870.78	7.27	7.07	-82.92	-90.88	272.58	73.82	58.96	14.86	4.967		
2,000.00	1,973.09	2,008.02	1,969.05	7.31	7.12	-84.79	-97.44	289.38	77.28	62.32	14.96	5.164		
2,100.00	2,071.13	2,091.89	2,067.32	7.38	7.17	-86.49	-104.01	306.18	80.82	65.73	15.09	5.356		
2,200.00	2,169.16	2,191.80	2,165.59	7.46	7.24	-88.04	-110.58	322.97	84.43	69.18	15.25	5.535		
2,300.00	2,267.20	2,308.30	2,263.85	7.56	7.35	-89.47	-117.14	339.77	88.09	72.63	15.46	5.697		
2,400.00	2,365.24	2,391.61	2,362.12	7.67	7.44	-90.78	-123.71	356.57	91.80	76.13	15.67	5.859		
2,500.00	2,463.28	2,508.48	2,460.39	7.80	7.58	-91.99	-130.27	373.37	95.56	79.62	15.94	5.994		
2,600.00	2,561.31	2,608.57	2,558.66	7.95	7.72	-93.11	-136.84	390.16	99.36	83.13	16.22	6.124		
2,700.00	2,659.35	2,708.66	2,656.93	8.11	7.87	-94.15	-143.41	406.96	103.19	86.66	16.53	6.242		
2,800.00	2,757.39	2,791.25	2,755.20	8.28	8.00	-95.11	-149.97	423.76	107.05	90.22	16.83	6.359		
2,900.00	2,855.43	2,908.84	2,853.47	8.47	8.21	-96.00	-156.54	440.56	110.94	93.72	17.22	6.443		
3,000.00	2,953.46	3,008.93	2,951.73	8.66	8.39	-96.84	-163.10	457.36	114.86	97.26	17.59	6.528		
3,100.00	3,051.50	3,109.02	3,050.00	8.87	8.59	-97.62	-169.67	474.15	118.80	100.81	17.99	6.604		
3,200.00	3,149.54	3,209.11	3,148.27	9.09	8.80	-98.34	-176.24	490.95	122.75	104.35	18.40	6.670		
3,300.00	3,247.58	3,309.20	3,246.54	9.32	9.01	-99.03	-182.80	507.75	126.73	107.90	18.84	6.728		
3,400.00	3,345.61	3,409.29	3,344.81	9.55	9.23	-99.67	-189.37	524.55	130.73	111.44	19.28	6.779		
3,500.00	3,443.65	3,509.38	3,443.08	9.80	9.47	-100.27	-195.93	541.35	134.74	114.99	19.75	6.823		
3,600.00	3,541.69	3,609.47	3,541.34	10.05	9.71	-100.84	-202.50	558.14	138.76	118.53	20.23	6.861		
3,700.00	3,639.73	3,709.56	3,639.61	10.31	9.95	-101.37	-209.07	574.94	142.80	122.08	20.72	6.893		
3,800.00	3,737.76	3,809.65	3,737.88	10.57	10.20	-101.88	-215.63	591.74	146.85	125.63	21.22	6.921		
3,900.00	3,835.80	3,909.74	3,836.15	10.84	10.46	-102.36	-222.20	608.54	150.90	129.17	21.73	6.944		
4,000.00	3,933.84	4,009.83	3,934.42	11.12	10.72	-102.81	-228.76	625.34	154.97	132.72	22.26	6.963		
4,100.00	4,031.88	4,109.92	4,032.69	11.40	10.99	-103.25	-235.33	642.13	159.05	136.26	22.79	6.979		
4,200.00	4,129.91	4,189.99	4,130.96	11.69	11.21	-103.65	-241.90	658.93	163.14	139.86	23.28	7.008		
4,300.00	4,227.95	4,289.90	4,229.22	11.98	11.49	-104.04	-248.46	675.73	167.23	143.41	23.83	7.018		
4,400.00	4,325.99	4,389.81	4,327.49	12.27	11.77	-104.41	-255.03	692.53	171.34	146.95	24.39	7.026		
4,500.00	4,424.03	4,489.72	4,425.76	12.57	12.05	-104.77	-261.60	709.33	175.45	150.50	24.95	7.032		
4,600.00	4,522.06	4,589.63	4,524.03	12.88	12.34	-105.11	-268.16	726.12	179.56	154.04	25.52	7.035		
4,700.00	4,620.10	4,689.54	4,622.30	13.18	12.63	-105.43	-274.73	742.92	183.68	157.58	26.10	7.037		
4,800.00	4,718.14	4,789.45	4,720.57	13.49	12.92	-105.74	-281.29	759.72	187.81	161.13	26.68	7.038		
4,900.00	4,816.17	4,889.36	4,818.83	13.80	13.22	-106.03	-287.86	776.52	191.94	164.67	27.27	7.038		
5,000.00	4,914.21	4,989.27	4,917.10	14.12	13.52	-106.31	-294.43	793.32	196.08	168.21	27.87	7.036		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,089.18	5,015.37	14.43	13.82	-106.58	-300.99	810.11	200.22	171.75	28.47	7.033		
5,200.00	5,110.29	5,189.09	5,113.64	14.75	14.12	-106.84	-307.56	826.91	204.37	175.30	29.07	7.030		
5,300.00	5,208.32	5,289.00	5,211.91	15.07	14.43	-107.09	-314.12	843.71	208.52	178.84	29.68	7.026		
5,400.00	5,306.36	5,388.91	5,310.18	15.40	14.74	-107.33	-320.69	860.51	212.67	182.38	30.29	7.021		
5,500.00	5,404.40	5,488.82	5,408.45	15.72	15.05	-107.56	-327.26	877.30	216.83	185.92	30.91	7.016		
5,600.00	5,502.44	5,588.73	5,506.71	16.05	15.36	-107.78	-333.82	894.10	220.99	189.46	31.53	7.010		
5,700.00	5,600.47	5,688.64	5,604.98	16.38	15.67	-108.00	-340.39	910.90	225.15	193.01	32.15	7.004		
5,800.00	5,698.51	5,788.55	5,703.25	16.71	15.99	-108.20	-346.95	927.70	229.32	196.55	32.77	6.997		
5,900.00	5,796.55	5,888.46	5,801.52	17.04	16.30	-108.40	-353.52	944.50	233.49	200.09	33.40	6.991		
6,000.00	5,894.59	5,988.37	5,899.79	17.38	16.62	-108.59	-360.09	961.29	237.66	203.63	34.03	6.984		
6,100.00	5,992.62	6,088.28	5,998.06	17.71	16.94	-108.78	-366.65	978.09	241.84	207.17	34.66	6.976		
6,200.00	6,090.66	6,188.19	6,096.32	18.05	17.26	-108.96	-373.22	994.89	246.01	210.71	35.30	6.969		
6,300.00	6,188.70	6,288.10	6,194.59	18.39	17.58	-109.13	-379.79	1,011.69	250.19	214.25	35.94	6.962		
6,400.00	6,286.74	6,388.01	6,292.86	18.72	17.91	-109.30	-386.35	1,028.49	254.37	217.80	36.58	6.954		
6,500.00	6,384.77	6,487.92	6,391.13	19.06	18.23	-109.46	-392.92	1,045.28	258.56	221.34	37.22	6.946		
6,600.00	6,482.81	6,591.76	6,493.49	19.40	18.52	-109.95	-399.72	1,061.18	262.44	224.62	37.81	6.940		
6,700.00	6,580.86	6,698.66	6,600.04	19.74	18.69	-115.51	-406.50	1,062.75	263.85	225.77	38.09	6.928		
6,800.00	6,679.86	6,800.66	6,700.62	19.94	18.78	-116.50	-412.55	1,047.58	265.90	227.87	38.03	6.992		
6,900.00	6,778.81	6,898.99	6,794.12	20.07	18.81	125.02	-417.85	1,017.92	270.32	232.48	37.84	7.144		
7,000.00	6,875.27	6,994.07	6,879.17	20.15	18.80	104.88	-422.35	975.87	276.86	239.30	37.55	7.372		
7,100.00	6,966.86	7,086.31	6,954.86	20.17	18.76	94.43	-426.05	923.41	285.04	247.83	37.21	7.661		
7,200.00	7,051.33	7,176.13	7,020.54	20.15	18.73	87.35	-428.94	862.33	294.32	257.47	36.85	7.987		
7,300.00	7,126.59	7,263.89	7,075.83	20.10	18.70	82.06	-431.02	794.30	304.09	267.54	36.54	8.321		
7,400.00	7,190.80	7,349.95	7,120.50	20.04	18.71	77.96	-432.32	720.82	313.78	277.42	36.36	8.630		
7,500.00	7,242.38	7,434.62	7,154.41	19.99	18.76	74.79	-432.86	643.31	322.89	286.52	36.37	8.878		
7,600.00	7,280.05	7,518.20	7,177.53	19.97	18.87	72.42	-432.65	563.05	330.99	294.38	36.61	9.041		
7,700.00	7,302.88	7,600.96	7,189.90	19.99	19.04	70.74	-431.74	481.29	337.73	300.64	37.09	9.106		
7,800.00	7,310.32	7,685.51	7,191.64	20.09	19.29	69.72	-430.09	396.83	342.80	305.04	37.77	9.076		
7,900.00	7,307.40	7,785.47	7,188.98	20.33	19.74	69.88	-427.85	296.93	345.20	306.59	38.61	8.940		
8,000.00	7,304.23	7,885.43	7,186.32	20.77	20.32	70.11	-425.61	197.02	347.49	307.78	39.71	8.751		
8,100.00	7,301.05	7,985.40	7,183.66	21.38	21.04	70.33	-423.36	97.12	349.79	308.75	41.04	8.524		
8,200.00	7,297.88	8,085.36	7,181.00	22.15	21.87	70.55	-421.12	-2.78	352.09	309.52	42.57	8.270		
8,300.00	7,294.71	8,185.33	7,178.34	23.03	22.80	70.77	-418.88	-102.69	354.40	310.10	44.30	8.000		
8,400.00	7,291.54	8,285.29	7,175.69	24.00	23.82	70.99	-416.63	-202.59	356.71	310.52	46.19	7.722		
8,500.00	7,288.36	8,385.25	7,173.03	25.05	24.90	71.20	-414.39	-302.49	359.03	310.79	48.24	7.443		
8,600.00	7,285.19	8,485.22	7,170.37	26.17	26.06	71.41	-412.15	-402.40	361.35	310.94	50.41	7.168		
8,700.00	7,282.02	8,585.18	7,167.71	27.34	27.26	71.62	-409.90	-502.30	363.68	310.97	52.70	6.900		
8,800.00	7,278.85	8,685.15	7,165.05	28.57	28.52	71.83	-407.66	-602.20	366.01	310.91	55.10	6.643		
8,900.00	7,275.67	8,785.11	7,162.39	29.84	29.82	72.03	-405.42	-702.11	368.34	310.76	57.58	6.397		
9,000.00	7,272.50	8,885.08	7,159.73	31.14	31.15	72.23	-403.17	-802.01	370.68	310.54	60.15	6.163		
9,100.00	7,269.33	8,985.04	7,157.07	32.48	32.51	72.43	-400.93	-901.92	373.03	310.25	62.78	5.942		
9,200.00	7,266.15	9,085.00	7,154.41	33.85	33.90	72.62	-398.69	-1,001.82	375.38	309.90	65.48	5.733		
9,300.00	7,262.98	9,184.97	7,151.75	35.24	35.32	72.82	-396.44	-1,101.72	377.73	309.50	68.23	5.536		
9,400.00	7,259.81	9,284.93	7,149.09	36.66	36.76	73.01	-394.20	-1,201.63	380.09	309.06	71.03	5.351		
9,500.00	7,256.64	9,384.90	7,146.43	38.10	38.21	73.19	-391.96	-1,301.53	382.45	308.57	73.88	5.177		
9,600.00	7,253.46	9,484.86	7,143.77	39.55	39.69	73.38	-389.71	-1,401.43	384.82	308.06	76.76	5.013		
9,700.00	7,250.29	9,584.83	7,141.11	41.02	41.18	73.56	-387.47	-1,501.34	387.19	307.51	79.68	4.859		
9,800.00	7,247.12	9,684.79	7,138.45	42.51	42.68	73.74	-385.23	-1,601.24	389.56	306.93	82.63	4.714		
9,900.00	7,243.95	9,784.75	7,135.79	44.01	44.20	73.92	-382.98	-1,701.15	391.94	306.33	85.61	4.578		
10,000.00	7,240.77	9,884.72	7,133.13	45.52	45.72	74.10	-380.74	-1,801.05	394.32	305.70	88.62	4.450		
10,100.00	7,237.60	9,984.68	7,130.47	47.04	47.26	74.28	-378.50	-1,900.95	396.70	305.06	91.65	4.329		
10,200.00	7,234.43	10,084.65	7,127.81	48.57	48.80	74.45	-376.25	-2,000.86	399.09	304.40	94.70	4.214		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,231.25	10,184.61	7,125.15	50.11	50.36	74.62	-374.01	-2,100.76	401.49	303.72	97.77	4.106		
10,400.00	7,228.08	10,284.58	7,122.50	51.66	51.92	74.79	-371.77	-2,200.66	403.88	303.02	100.86	4.004		
10,500.00	7,224.91	10,384.54	7,119.84	53.21	53.48	74.95	-369.52	-2,300.57	406.28	302.32	103.96	3.908		
10,600.00	7,221.74	10,484.50	7,117.18	54.78	55.06	75.12	-367.28	-2,400.47	408.68	301.60	107.08	3.816		
10,700.00	7,218.56	10,584.47	7,114.52	56.34	56.64	75.28	-365.04	-2,500.38	411.09	300.87	110.22	3.730		
10,800.00	7,215.39	10,684.43	7,111.86	57.92	58.22	75.44	-362.79	-2,600.28	413.50	300.13	113.37	3.647		
10,900.00	7,212.22	10,784.40	7,109.20	59.50	59.81	75.60	-360.55	-2,700.18	415.91	299.38	116.53	3.569		
11,000.00	7,209.05	10,884.36	7,106.54	61.08	61.41	75.76	-358.31	-2,800.09	418.33	298.63	119.70	3.495		
11,100.00	7,205.87	10,984.33	7,103.88	62.67	63.00	75.91	-356.06	-2,899.99	420.75	297.87	122.88	3.424		
11,200.00	7,202.70	11,084.29	7,101.22	64.26	64.61	76.07	-353.82	-2,999.89	423.17	297.10	126.07	3.357		
11,300.00	7,199.53	11,184.25	7,098.56	65.86	66.21	76.22	-351.58	-3,099.80	425.59	296.32	129.27	3.292		
11,400.00	7,196.36	11,284.22	7,095.90	67.46	67.82	76.37	-349.33	-3,199.70	428.02	295.54	132.48	3.231		
11,500.00	7,193.18	11,384.18	7,093.24	69.06	69.43	76.52	-347.09	-3,299.60	430.45	294.75	135.70	3.172		
11,600.00	7,190.01	11,484.15	7,090.58	70.67	71.05	76.66	-344.85	-3,399.51	432.89	293.96	138.93	3.116		
11,700.00	7,186.84	11,584.11	7,087.92	72.28	72.66	76.81	-342.60	-3,499.41	435.32	293.17	142.16	3.062		
11,800.00	7,183.66	11,684.08	7,085.26	73.89	74.28	76.95	-340.36	-3,599.32	437.76	292.37	145.40	3.011		
11,900.00	7,180.49	11,784.04	7,082.60	75.50	75.91	77.10	-338.12	-3,699.22	440.21	291.57	148.64	2.962		
12,000.00	7,177.32	11,884.00	7,079.94	77.12	77.53	77.24	-335.87	-3,799.12	442.65	290.76	151.89	2.914		
12,100.00	7,174.15	11,983.97	7,077.28	78.74	79.16	77.37	-333.63	-3,899.03	445.10	289.95	155.15	2.869		
12,200.00	7,170.97	12,083.93	7,074.62	80.36	80.79	77.51	-331.39	-3,998.93	447.55	289.14	158.41	2.825		
12,300.00	7,167.80	12,183.90	7,071.96	81.99	82.42	77.65	-329.14	-4,098.83	450.00	288.33	161.67	2.783		
12,400.00	7,164.63	12,283.86	7,069.30	83.61	84.05	77.78	-326.90	-4,198.74	452.45	287.51	164.94	2.743		
12,500.00	7,161.46	12,383.82	7,066.65	85.24	85.68	77.91	-324.66	-4,298.64	454.91	286.70	168.22	2.704		
12,600.00	7,158.28	12,483.79	7,063.99	86.87	87.32	78.05	-322.41	-4,398.55	457.37	285.88	171.49	2.667		
12,700.00	7,155.11	12,583.75	7,061.33	88.50	88.95	78.18	-320.17	-4,498.45	459.83	285.06	174.78	2.631		
12,800.00	7,151.94	12,683.72	7,058.67	90.13	90.59	78.31	-317.92	-4,598.35	462.30	284.24	178.06	2.596		
12,900.00	7,148.76	12,783.68	7,056.01	91.76	92.23	78.43	-315.68	-4,698.26	464.77	283.41	181.35	2.563		
13,000.00	7,145.59	12,883.65	7,053.35	93.40	93.87	78.56	-313.44	-4,798.16	467.23	282.59	184.65	2.530		
13,100.00	7,142.42	12,983.61	7,050.69	95.03	95.51	78.68	-311.19	-4,898.06	469.71	281.76	187.94	2.499		
13,200.00	7,139.25	13,083.57	7,048.03	96.67	97.15	78.81	-308.95	-4,997.97	472.18	280.94	191.24	2.469		
13,300.00	7,136.07	13,183.54	7,045.37	98.31	98.80	78.93	-306.71	-5,097.87	474.66	280.11	194.54	2.440		
13,400.00	7,132.90	13,283.50	7,042.71	99.95	100.44	79.05	-304.46	-5,197.78	477.13	279.29	197.85	2.412		
13,500.00	7,129.73	13,383.47	7,040.05	101.59	102.09	79.17	-302.22	-5,297.68	479.61	278.46	201.15	2.384		
13,600.00	7,126.56	13,483.43	7,037.39	103.23	103.74	79.29	-299.98	-5,397.58	482.10	277.63	204.46	2.358		
13,700.00	7,123.38	13,583.40	7,034.73	104.87	105.38	79.40	-297.73	-5,497.49	484.58	276.80	207.78	2.332		
13,800.00	7,120.21	13,683.36	7,032.07	106.51	107.03	79.52	-295.49	-5,597.39	487.07	275.98	211.09	2.307		
13,900.00	7,117.04	13,783.33	7,029.41	108.16	108.64	79.62	-293.24	-5,697.29	489.55	275.15	214.40	2.282		
14,000.00	7,113.87	13,883.29	7,026.75	109.80	110.29	79.72	-290.99	-5,797.19	492.03	274.32	217.71	2.257		
14,100.00	7,110.69	13,983.26	7,024.09	111.45	111.94	79.82	-288.74	-5,897.09	494.51	273.49	221.02	2.232		
14,200.00	7,107.52	14,083.23	7,021.43	113.10	113.59	79.92	-286.49	-5,996.99	497.00	272.66	224.33	2.207		
14,300.00	7,104.35	14,183.20	7,018.77	114.74	115.24	79.99	-284.24	-6,096.89	499.48	271.83	227.64	2.182		
14,400.00	7,101.17	14,283.17	7,016.11	116.39	116.89	79.99	-281.99	-6,196.79	501.96	271.00	230.95	2.157		
14,500.00	7,097.99	14,383.14	7,013.45	118.04	118.49	79.99	-279.74	-6,296.69	504.44	270.17	234.26	2.132		
14,600.00	7,094.83	14,483.11	7,010.79	119.69	120.04	79.99	-277.49	-6,396.59	506.92	269.34	237.57	2.107		
14,700.00	7,091.66	14,583.08	7,008.13	121.34	121.69	79.99	-275.24	-6,496.49	509.40	268.51	240.88	2.082		
14,800.00	7,088.48	14,683.05	7,005.47	122.99	123.24	79.99	-272.99	-6,596.39	511.88	267.68	244.19	2.057		
14,900.00	7,085.31	14,783.02	7,002.81	124.64	124.79	79.99	-270.74	-6,696.29	514.36	266.85	247.50	2.032		
15,000.00	7,082.14	14,883.00	7,000.15	126.29	126.34	79.99	-268.49	-6,796.19	516.84	266.02	250.81	2.007		
15,100.00	7,078.97	14,983.00	6,997.49	127.94	127.89	79.99	-266.24	-6,896.09	519.32	265.19	254.12	1.982		
15,200.00	7,075.79	15,083.00	6,994.83	129.59	130.44	79.99	-263.99	-6,995.99	521.80	264.36	257.43	1.957		
15,300.00	7,072.62	15,183.00	6,992.17	131.24	131.99	79.99	-261.74	-7,095.89	524.28	263.53	260.74	1.932		
15,400.00	7,069.45	15,283.00	6,989.51	132.89	133.54	79.99	-259.49	-7,195.79	526.76	262.70	264.05	1.907		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
15,500.00	7,066.27	15,416.45	6,986.01	134.55	135.51	78.94	-373.10	-7,327.91	415.92	149.33	266.59	1.560	
15,578.05	7,063.80	15,479.02	6,984.34	135.85	136.54	78.91	-376.23	-7,390.38	412.59	143.54	269.05	1.534 SF	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.85	2.57	-979.72	979.73					
100.00	100.00	101.00	101.00	3.28	3.28	-89.85	2.57	-979.72	979.73	972.20	7.53	130.128		
200.00	200.00	201.00	201.00	3.31	3.31	-89.85	2.57	-979.72	979.73	972.15	7.57	129.350		
200.00	200.00	201.00	201.00	3.31	3.31	-89.85	2.57	-979.72	979.73	972.15	7.57	129.350		
300.00	300.00	301.00	301.00	3.35	3.35	146.96	2.57	-979.72	980.09	972.43	7.66	127.915		
400.00	399.93	400.93	400.93	3.41	3.42	147.04	2.57	-979.72	983.02	975.23	7.79	126.234		
500.00	499.68	500.68	500.68	3.49	3.50	147.20	2.57	-979.72	988.88	980.92	7.96	124.267		
600.00	599.13	600.13	600.13	3.60	3.61	147.42	2.57	-979.72	997.69	989.52	8.17	122.086		
700.00	698.15	700.85	699.15	3.74	3.73	147.72	2.57	-979.72	1,009.47	1,001.04	8.43	119.719		
800.00	796.63	802.37	797.63	3.93	3.88	148.08	2.57	-979.72	1,024.25	1,015.51	8.74	117.226		
900.00	894.68	895.68	895.68	4.15	4.02	148.62	2.57	-979.72	1,041.07	1,032.00	9.07	114.810		
1,000.00	992.71	1,048.28	1,048.21	4.40	4.26	149.49	2.63	-975.89	1,055.61	1,046.12	9.49	111.234		
1,100.00	1,090.75	1,205.27	1,204.70	4.68	4.53	150.38	2.81	-963.47	1,064.90	1,054.96	9.94	107.138		
1,200.00	1,188.79	1,363.28	1,361.27	4.98	4.85	151.29	3.12	-942.35	1,068.85	1,058.43	10.42	102.554		
1,300.00	1,286.83	1,503.08	1,492.67	5.30	5.19	152.09	3.48	-918.06	1,067.92	1,057.00	10.92	97.782		
1,400.00	1,384.86	1,603.73	1,590.16	5.63	5.45	152.69	3.77	-898.92	1,066.18	1,054.78	11.40	93.498		
1,500.00	1,482.90	1,704.38	1,687.64	5.98	5.74	153.30	4.05	-879.78	1,064.56	1,052.66	11.90	89.431		
1,600.00	1,580.94	1,805.03	1,785.13	6.33	6.04	153.90	4.33	-860.63	1,063.06	1,050.65	12.41	85.634		
1,700.00	1,678.98	1,905.69	1,882.62	6.69	6.19	154.51	4.61	-841.49	1,061.68	1,049.04	12.64	83.973		
1,800.00	1,777.01	2,006.34	1,980.10	7.06	6.23	155.12	4.90	-822.35	1,060.42	1,047.47	12.95	81.893		
1,900.00	1,875.05	2,106.99	2,077.59	7.27	6.29	155.72	5.18	-803.21	1,059.28	1,046.36	12.92	81.973		
2,000.00	1,973.09	2,207.64	2,175.07	7.31	6.37	156.34	5.46	-784.07	1,058.27	1,045.28	12.99	81.462		
2,100.00	2,071.13	2,308.30	2,272.56	7.38	6.47	156.95	5.75	-764.93	1,057.38	1,044.28	13.09	80.754		
2,200.00	2,169.16	2,408.95	2,370.04	7.46	6.58	157.56	6.03	-745.78	1,056.60	1,043.37	13.23	79.868		
2,300.00	2,267.20	2,509.60	2,467.53	7.56	6.71	158.17	6.31	-726.64	1,055.96	1,042.56	13.40	78.820		
2,400.00	2,365.24	2,589.75	2,565.02	7.67	6.83	158.79	6.60	-707.50	1,055.43	1,041.86	13.57	77.776		
2,500.00	2,463.28	2,689.10	2,662.50	7.80	6.99	159.40	6.88	-688.36	1,055.03	1,041.23	13.79	76.490		
2,600.00	2,561.31	2,788.44	2,759.99	7.95	7.16	160.02	7.16	-669.22	1,054.75	1,040.70	14.04	75.107		
2,700.00	2,659.35	2,887.79	2,857.47	8.11	7.35	160.63	7.45	-650.08	1,054.59	1,040.27	14.32	73.647		
2,777.08	2,734.92	2,964.37	2,932.62	8.24	7.50	161.11	7.67	-635.32	1,054.55	1,040.00	14.55	72.474		
2,800.00	2,757.39	2,987.14	2,954.96	8.28	7.55	161.25	7.73	-630.94	1,054.56	1,039.94	14.62	72.131		
2,900.00	2,855.43	3,086.49	3,052.45	8.47	7.76	161.86	8.01	-611.79	1,054.65	1,039.70	14.94	70.577		
3,000.00	2,953.46	3,185.83	3,149.93	8.66	7.98	162.48	8.30	-592.65	1,054.86	1,039.57	15.29	69.000		
3,100.00	3,051.50	3,285.18	3,247.42	8.87	8.20	163.09	8.58	-573.51	1,055.20	1,039.54	15.65	67.414		
3,200.00	3,149.54	3,384.53	3,344.90	9.09	8.44	163.71	8.86	-554.37	1,055.66	1,039.62	16.03	65.839		
3,300.00	3,247.58	3,483.88	3,442.39	9.32	8.69	164.32	9.15	-535.23	1,056.24	1,039.80	16.43	64.270		
3,400.00	3,345.61	3,583.23	3,539.88	9.55	8.94	164.94	9.43	-516.09	1,056.94	1,040.09	16.85	62.726		
3,500.00	3,443.65	3,682.57	3,637.36	9.80	9.20	165.55	9.71	-496.94	1,057.77	1,040.49	17.28	61.212		
3,600.00	3,541.69	3,781.92	3,734.85	10.05	9.46	166.16	10.00	-477.80	1,058.72	1,041.00	17.72	59.733		
3,700.00	3,639.73	3,881.27	3,832.33	10.31	9.74	166.77	10.28	-458.66	1,059.79	1,041.61	18.18	58.292		
3,800.00	3,737.76	3,980.62	3,929.82	10.57	10.01	167.38	10.56	-439.52	1,060.98	1,042.34	18.65	56.893		
3,900.00	3,835.80	4,079.96	4,027.30	10.84	10.29	167.99	10.85	-420.38	1,062.30	1,043.17	19.13	55.537		
4,000.00	3,933.84	4,179.31	4,124.79	11.12	10.58	168.59	11.13	-401.24	1,063.73	1,044.12	19.62	54.226		
4,100.00	4,031.88	4,278.66	4,222.28	11.40	10.87	169.20	11.41	-382.10	1,065.29	1,045.17	20.12	52.959		
4,200.00	4,129.91	4,378.01	4,319.76	11.69	11.16	169.80	11.70	-362.95	1,066.96	1,046.34	20.62	51.739		
4,300.00	4,227.95	4,477.36	4,417.25	11.98	11.46	170.40	11.98	-343.81	1,068.76	1,047.62	21.14	50.562		
4,400.00	4,325.99	4,576.70	4,514.73	12.27	11.76	171.00	12.26	-324.67	1,070.67	1,049.01	21.66	49.431		
4,500.00	4,424.03	4,676.05	4,612.22	12.57	12.06	171.59	12.55	-305.53	1,072.70	1,050.51	22.19	48.342		
4,600.00	4,522.06	4,775.40	4,709.71	12.88	12.37	172.19	12.83	-286.39	1,074.84	1,052.12	22.73	47.295		
4,700.00	4,620.10	4,874.75	4,807.19	13.18	12.67	172.78	13.11	-267.25	1,077.11	1,053.84	23.27	46.289		
4,800.00	4,718.14	4,974.09	4,904.68	13.49	12.98	173.37	13.40	-248.10	1,079.49	1,055.67	23.82	45.323		
4,900.00	4,816.17	5,073.44	5,002.16	13.80	13.30	173.95	13.68	-228.96	1,081.98	1,057.61	24.37	44.395		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,914.21	5,172.79	5,099.65	14.12	13.61	174.54	13.96	-209.82	1,084.59	1,059.66	24.93	43.504		
5,100.00	5,012.25	5,272.14	5,197.14	14.43	13.93	175.12	14.24	-190.68	1,087.31	1,061.81	25.50	42.647		
5,200.00	5,110.29	5,371.49	5,294.62	14.75	14.25	175.70	14.53	-171.54	1,090.14	1,064.08	26.06	41.825		
5,300.00	5,208.32	5,470.83	5,392.11	15.07	14.57	176.27	14.81	-152.40	1,093.09	1,066.45	26.64	41.035		
5,400.00	5,306.36	5,570.18	5,489.59	15.40	14.89	176.84	15.09	-133.26	1,096.15	1,068.93	27.22	40.277		
5,500.00	5,404.40	5,669.53	5,587.08	15.72	15.21	177.41	15.38	-114.11	1,099.31	1,071.51	27.80	39.548		
5,600.00	5,502.44	5,768.88	5,684.56	16.05	15.54	177.98	15.66	-94.97	1,102.59	1,074.20	28.38	38.847		
5,700.00	5,600.47	5,868.22	5,782.05	16.38	15.86	178.54	15.94	-75.83	1,105.97	1,077.00	28.97	38.174		
5,800.00	5,698.51	5,967.57	5,879.54	16.71	16.19	179.10	16.23	-56.69	1,109.46	1,079.89	29.56	37.526		
5,900.00	5,796.55	6,066.92	5,977.02	17.04	16.52	179.65	16.51	-37.55	1,113.06	1,082.89	30.16	36.904		
6,000.00	5,894.59	6,166.27	6,074.51	17.38	16.85	-179.80	16.79	-18.41	1,116.76	1,085.99	30.76	36.305		
6,100.00	5,992.62	6,265.61	6,171.99	17.71	17.18	-179.25	17.08	0.74	1,120.56	1,089.20	31.36	35.728		
6,200.00	6,090.66	6,364.96	6,269.48	18.05	17.51	-178.70	17.36	19.88	1,124.47	1,092.50	31.97	35.174		
6,300.00	6,188.70	6,464.31	6,366.97	18.39	17.84	-178.16	17.64	39.02	1,128.48	1,095.90	32.58	34.640		
6,400.00	6,286.74	6,563.66	6,464.45	18.72	18.17	-177.63	17.93	58.16	1,132.58	1,099.40	33.19	34.125		
6,500.00	6,384.77	6,663.01	6,561.94	19.06	18.51	-177.09	18.21	77.30	1,136.79	1,102.99	33.80	33.630		
6,600.00	6,482.81	6,762.36	6,660.43	19.40	18.85	-176.54	18.49	96.44	1,141.00	1,106.58	34.41	33.144		
6,700.00	6,580.86	6,861.01	6,757.82	19.74	19.19	-176.00	18.77	115.58	1,145.21	1,110.17	35.02	32.668		
6,800.00	6,678.91	6,959.66	6,855.27	20.08	19.53	-175.46	19.05	134.72	1,149.42	1,113.84	35.63	32.201		
6,900.00	6,777.00	7,058.31	6,949.52	20.42	19.87	-174.92	19.33	153.86	1,153.63	1,117.51	36.24	31.734		
7,000.00	6,875.12	7,156.96	7,043.37	20.76	20.21	-174.38	19.61	173.00	1,157.84	1,121.18	36.85	31.267		
7,100.00	6,973.27	7,255.61	7,137.22	21.10	20.55	-173.84	19.89	192.14	1,162.05	1,124.85	37.46	30.800		
7,200.00	7,071.42	7,354.26	7,232.47	21.44	20.89	-173.30	20.17	211.28	1,166.26	1,128.52	38.07	30.333		
7,300.00	7,169.57	7,452.91	7,327.72	21.78	21.23	-172.76	20.45	230.42	1,170.47	1,132.19	38.68	29.866		
7,400.00	7,267.72	7,551.56	7,422.97	22.12	21.57	-172.22	20.73	249.56	1,174.68	1,135.86	39.29	29.400		
7,472.09	7,229.33	7,720.44	7,307.39	20.01	25.79	96.61	22.09	690.32	766.25	721.02	45.23	16.941 CC, ES		
7,500.00	7,242.38	7,694.51	7,304.52	19.99	25.49	95.34	21.99	664.55	766.36	721.38	44.98	17.038		
7,600.00	7,280.05	7,606.46	7,286.99	19.97	24.52	91.06	21.63	578.33	768.39	724.23	44.17	17.398		
7,700.00	7,302.88	7,524.48	7,260.13	19.99	23.65	87.17	21.29	500.94	772.65	729.16	43.49	17.767		
7,800.00	7,310.32	7,447.08	7,225.84	20.09	22.88	83.67	20.96	431.60	778.52	735.57	42.95	18.125		
7,900.00	7,307.40	7,375.43	7,186.82	20.33	22.22	80.86	20.66	371.56	786.72	744.11	42.61	18.465		
8,000.00	7,304.23	7,313.25	7,147.66	20.77	21.69	78.16	20.39	323.29	800.38	757.94	42.44	18.858		
8,100.00	7,301.05	7,259.81	7,110.39	21.38	21.27	75.62	20.17	285.02	820.63	778.21	42.42	19.347		
8,200.00	7,297.88	7,214.00	7,075.98	22.15	20.94	73.32	19.98	254.80	848.07	805.59	42.48	19.966		
8,300.00	7,294.71	7,174.69	7,044.77	23.03	20.67	71.26	19.83	230.89	882.84	840.27	42.58	20.735		
8,400.00	7,291.54	7,140.81	7,016.75	24.00	20.46	69.46	19.70	211.87	924.74	882.05	42.69	21.664		
8,500.00	7,288.36	7,111.48	6,991.69	25.05	20.28	67.88	19.59	196.63	973.29	930.51	42.79	22.748		
8,600.00	7,285.19	7,085.95	6,969.33	26.17	20.14	66.49	19.49	184.31	1,027.89	985.03	42.86	23.981		
8,700.00	7,282.02	7,063.58	6,949.34	27.34	20.02	65.27	19.41	174.26	1,087.87	1,044.96	42.91	25.350		
8,800.00	7,278.85	7,050.00	6,937.05	28.57	19.94	64.54	19.36	168.50	1,152.61	1,109.65	42.96	26.827		
8,900.00	7,275.67	7,026.40	6,915.39	29.84	19.83	63.26	19.28	159.13	1,221.38	1,178.43	42.95	28.438		
9,000.00	7,272.50	7,000.00	6,890.77	31.14	19.70	61.83	19.19	149.60	1,293.86	1,250.95	42.91	30.154		
9,100.00	7,269.33	7,000.00	6,890.77	32.48	19.70	61.83	19.19	149.60	1,369.18	1,326.26	42.92	31.901		
9,200.00	7,266.15	6,984.35	6,876.00	33.85	19.63	61.00	19.14	144.44	1,447.24	1,404.36	42.88	33.747		
9,300.00	7,262.98	6,973.01	6,865.21	35.24	19.59	60.39	19.11	140.93	1,527.60	1,484.75	42.85	35.652		
9,400.00	7,259.81	6,950.00	6,843.15	36.66	19.49	59.18	19.03	134.39	1,610.10	1,567.30	42.80	37.621		
9,500.00	7,256.64	6,950.00	6,843.15	38.10	19.49	59.18	19.03	134.39	1,694.00	1,651.24	42.76	39.617		
9,600.00	7,253.46	6,950.00	6,843.15	39.55	19.49	59.18	19.03	134.39	1,779.57	1,736.85	42.71	41.662		
9,700.00	7,250.29	6,950.00	6,843.15	41.02	19.49	59.18	19.03	134.39	1,866.57	1,823.91	42.67	43.748		
9,800.00	7,247.12	6,929.59	6,823.40	42.51	19.41	58.12	18.97	129.27	1,954.41	1,911.78	42.63	45.841		
9,900.00	7,243.95	6,922.89	6,816.88	44.01	19.39	57.77	18.95	127.72	2,043.44	2,000.84	42.60	47.973		
10,000.00	7,240.77	6,901.59	6,796.05	45.52	19.31	56.69	18.89	123.27	2,133.57	2,091.00	42.58	50.113		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis			Distance					Warning	
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	
10,100.00	7,237.60	6,901.59	6,796.05	47.04	19.31	56.69	18.89	123.27	2,224.15	2,181.61	42.54	52.288	
10,200.00	7,234.43	6,901.59	6,796.05	48.57	19.31	56.69	18.89	123.27	2,315.50	2,273.00	42.50	54.483	
10,300.00	7,231.25	6,896.67	6,791.22	50.11	19.29	56.44	18.88	122.32	2,407.53	2,365.06	42.47	56.684	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.85	2.57	-959.68	959.68					
100.00	100.00	101.00	101.00	3.28	3.28	-89.85	2.57	-959.68	959.68	952.15	7.53	127.465		
200.00	200.00	201.00	201.00	3.31	3.31	-89.85	2.57	-959.68	959.68	952.11	7.57	126.703		
300.00	300.00	341.24	341.20	3.35	3.37	146.97	2.23	-957.13	958.35	950.67	7.68	124.815		
400.00	399.93	490.62	490.21	3.41	3.49	147.10	0.88	-947.02	954.49	946.66	7.83	121.913		
500.00	499.68	639.44	637.94	3.49	3.67	147.37	-1.49	-929.30	948.41	940.38	8.04	117.998		
600.00	599.13	764.50	761.29	3.60	3.88	147.72	-4.21	-908.93	940.73	932.44	8.29	113.476		
700.00	698.15	864.20	859.50	3.74	4.09	148.11	-6.48	-891.87	935.32	926.74	8.58	109.014		
800.00	796.63	963.90	957.70	3.93	4.32	148.58	-8.76	-874.81	932.91	923.99	8.92	104.623		
900.00	894.68	1,063.54	1,056.84	4.15	4.57	149.10	-11.03	-857.76	932.55	923.25	9.30	100.300		
1,000.00	992.71	1,163.17	1,153.98	4.40	4.84	149.62	-13.31	-840.71	932.33	922.61	9.71	95.985		
1,100.00	1,090.75	1,262.81	1,252.12	4.68	5.12	150.14	-15.58	-823.67	932.18	922.02	10.16	91.765		
1,200.00	1,188.79	1,362.44	1,350.26	4.98	5.42	150.67	-17.86	-806.62	932.11	921.48	10.63	87.714		
1,238.25	1,226.29	1,400.56	1,387.81	5.10	5.53	150.87	-18.73	-800.10	932.10	921.29	10.81	86.202		
1,300.00	1,286.83	1,462.08	1,448.40	5.30	5.72	151.19	-20.14	-789.57	932.12	921.00	11.12	83.849		
1,400.00	1,384.86	1,561.71	1,546.54	5.63	6.04	151.71	-22.41	-772.52	932.21	920.58	11.62	80.192		
1,500.00	1,482.90	1,661.35	1,644.68	5.98	6.37	152.24	-24.69	-755.48	932.37	920.22	12.15	76.756		
1,600.00	1,580.94	1,760.98	1,742.82	6.33	6.70	152.76	-26.96	-738.43	932.62	919.93	12.68	73.538		
1,700.00	1,678.98	1,860.61	1,840.96	6.69	6.94	153.28	-29.24	-721.38	932.94	919.96	12.98	71.896		
1,800.00	1,777.01	1,960.25	1,939.10	7.06	7.03	153.80	-31.51	-704.33	933.34	920.01	13.33	70.400		
1,900.00	1,875.05	2,059.88	2,037.24	7.27	7.08	154.32	-33.79	-687.29	933.81	920.53	13.29	70.273		
2,000.00	1,973.09	2,159.52	2,135.38	7.31	7.15	154.84	-36.06	-670.24	934.37	921.03	13.34	70.028		
2,100.00	2,071.13	2,259.15	2,233.52	7.38	7.23	155.36	-38.34	-653.19	935.00	921.57	13.43	69.623		
2,200.00	2,169.16	2,358.79	2,331.66	7.46	7.33	155.88	-40.61	-636.14	935.71	922.17	13.55	69.067		
2,300.00	2,267.20	2,458.42	2,429.79	7.56	7.44	156.40	-42.89	-619.10	936.50	922.80	13.70	68.374		
2,400.00	2,365.24	2,558.06	2,527.93	7.67	7.56	156.92	-45.16	-602.05	937.37	923.49	13.88	67.558		
2,500.00	2,463.28	2,657.69	2,626.07	7.80	7.70	157.44	-47.44	-585.00	938.31	924.23	14.08	66.634		
2,600.00	2,561.31	2,757.33	2,724.21	7.95	7.85	157.95	-49.71	-567.95	939.33	925.01	14.31	65.619		
2,700.00	2,659.35	2,856.96	2,822.35	8.11	8.01	158.47	-51.99	-550.91	940.42	925.85	14.57	64.529		
2,800.00	2,757.39	2,956.60	2,920.49	8.28	8.18	158.98	-54.26	-533.86	941.59	926.74	14.86	63.379		
2,900.00	2,855.43	3,056.23	3,018.63	8.47	8.37	159.49	-56.54	-516.81	942.84	927.68	15.16	62.185		
3,000.00	2,953.46	3,155.87	3,116.77	8.66	8.56	160.00	-58.82	-499.76	944.16	928.67	15.49	60.961		
3,100.00	3,051.50	3,255.50	3,214.91	8.87	8.76	160.51	-61.09	-482.72	945.56	929.73	15.83	59.717		
3,200.00	3,149.54	3,355.14	3,313.05	9.09	8.97	161.02	-63.37	-465.67	947.03	930.83	16.20	58.465		
3,300.00	3,247.58	3,454.77	3,411.19	9.32	9.19	161.52	-65.64	-448.62	948.58	932.00	16.58	57.213		
3,400.00	3,345.61	3,554.41	3,509.33	9.55	9.42	162.03	-67.92	-431.57	950.20	933.23	16.98	55.971		
3,500.00	3,443.65	3,654.04	3,607.47	9.80	9.65	162.53	-70.19	-414.53	951.90	934.51	17.39	54.743		
3,600.00	3,541.69	3,753.68	3,705.60	10.05	9.89	163.03	-72.47	-397.48	953.67	935.85	17.81	53.536		
3,700.00	3,639.73	3,853.31	3,803.74	10.31	10.13	163.53	-74.74	-380.43	955.51	937.26	18.25	52.352		
3,800.00	3,737.76	3,952.95	3,901.88	10.57	10.38	164.03	-77.02	-363.38	957.42	938.72	18.70	51.197		
3,900.00	3,835.80	4,052.58	4,000.02	10.84	10.64	164.52	-79.29	-346.34	959.41	940.25	19.16	50.071		
4,000.00	3,933.84	4,152.22	4,098.16	11.12	10.90	165.01	-81.57	-329.29	961.47	941.84	19.63	48.976		
4,100.00	4,031.88	4,251.85	4,196.30	11.40	11.16	165.50	-83.84	-312.24	963.60	943.49	20.11	47.915		
4,200.00	4,129.91	4,351.49	4,294.44	11.69	11.43	165.99	-86.12	-295.19	965.80	945.20	20.60	46.886		
4,300.00	4,227.95	4,451.12	4,392.58	11.98	11.70	166.48	-88.39	-278.15	968.07	946.97	21.09	45.892		
4,400.00	4,325.99	4,550.76	4,490.72	12.27	11.98	166.96	-90.67	-261.10	970.41	948.81	21.60	44.930		
4,500.00	4,424.03	4,650.39	4,588.86	12.57	12.26	167.44	-92.94	-244.05	972.82	950.71	22.11	44.002		
4,600.00	4,522.06	4,750.03	4,687.00	12.88	12.54	167.92	-95.22	-227.00	975.30	952.67	22.62	43.107		
4,700.00	4,620.10	4,849.66	4,785.14	13.18	12.83	168.40	-97.50	-209.96	977.84	954.69	23.15	42.244		
4,800.00	4,718.14	4,949.30	4,883.28	13.49	13.12	168.87	-99.77	-192.91	980.46	956.78	23.68	41.411		
4,900.00	4,816.17	5,048.93	4,981.41	13.80	13.41	169.35	-102.05	-175.86	983.14	958.93	24.21	40.609		
5,000.00	4,914.21	5,148.56	5,079.55	14.12	13.70	169.82	-104.32	-158.81	985.89	961.14	24.75	39.837		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,248.20	5,177.69	14.43	14.00	170.28	-106.60	-141.77	988.70	963.41	25.29	39.093		
5,200.00	5,110.29	5,347.83	5,275.83	14.75	14.29	170.75	-108.87	-124.72	991.58	965.74	25.84	38.376		
5,300.00	5,208.32	5,447.47	5,373.97	15.07	14.59	171.21	-111.15	-107.67	994.53	968.14	26.39	37.685		
5,400.00	5,306.36	5,547.10	5,472.11	15.40	14.89	171.67	-113.42	-90.62	997.54	970.59	26.95	37.020		
5,500.00	5,404.40	5,646.74	5,570.25	15.72	15.20	172.12	-115.70	-73.58	1,000.61	973.10	27.50	36.379		
5,600.00	5,502.44	5,746.37	5,668.39	16.05	15.50	172.57	-117.97	-56.53	1,003.74	975.68	28.07	35.762		
5,700.00	5,600.47	5,846.01	5,766.53	16.38	15.81	173.02	-120.25	-39.48	1,006.94	978.31	28.63	35.167		
5,800.00	5,698.51	5,945.64	5,864.67	16.71	16.12	173.47	-122.52	-22.43	1,010.20	981.00	29.20	34.593		
5,900.00	5,796.55	6,045.28	5,962.81	17.04	16.42	173.92	-124.80	-5.39	1,013.53	983.75	29.77	34.041		
6,000.00	5,894.59	6,144.91	6,060.95	17.38	16.73	174.36	-127.07	11.66	1,016.91	986.56	30.35	33.507		
6,100.00	5,992.62	6,244.55	6,159.09	17.71	17.05	174.79	-129.35	28.71	1,020.35	989.43	30.93	32.993		
6,200.00	6,090.66	6,344.18	6,257.22	18.05	17.36	175.23	-131.62	45.76	1,023.86	992.35	31.51	32.497		
6,300.00	6,188.70	6,443.82	6,355.36	18.39	17.67	175.66	-133.90	62.80	1,027.42	995.33	32.09	32.018		
6,400.00	6,286.74	7,819.12	7,126.96	18.72	28.11	-136.27	-147.21	968.60	969.84	935.52	34.31	28.264		
6,500.00	6,384.77	7,835.12	7,126.89	19.06	28.31	-134.77	-147.12	984.59	892.32	856.46	35.87	24.878		
6,600.00	6,482.81	7,851.11	7,126.82	19.40	28.51	-133.24	-147.02	1,000.58	819.39	781.70	37.68	21.744		
6,700.00	6,580.86	7,867.06	7,126.75	19.74	28.71	-133.08	-146.92	1,016.54	752.35	712.57	39.77	18.915		
6,800.00	6,679.86	7,874.12	7,126.72	19.94	28.80	178.57	-146.88	1,023.59	692.42	650.46	41.97	16.500		
6,900.00	6,778.81	7,865.50	7,126.76	20.07	28.69	129.59	-146.93	1,014.97	642.52	598.50	44.03	14.593		
7,000.00	6,875.27	7,841.42	7,126.86	20.15	28.39	115.61	-147.08	990.89	605.83	560.17	45.66	13.269		
7,100.00	6,966.86	7,802.47	7,127.04	20.17	27.90	108.17	-147.31	951.94	583.93	537.38	46.56	12.543		
7,200.00	7,051.33	7,749.60	7,127.27	20.15	27.26	101.42	-147.63	899.08	576.18	529.58	46.60	12.364 SF		
7,213.13	7,061.78	7,741.69	7,127.31	20.14	27.17	100.52	-147.68	891.17	576.09	529.54	46.55	12.377 CC, ES		
7,300.00	7,126.59	7,684.13	7,127.57	20.10	26.48	94.45	-148.03	833.61	579.75	533.86	45.89	12.632		
7,400.00	7,190.80	7,607.66	7,127.91	20.04	25.59	87.60	-148.49	757.14	590.47	545.74	44.73	13.200		
7,500.00	7,242.38	7,533.01	7,126.03	19.99	24.76	81.81	-148.89	682.54	604.50	560.89	43.61	13.862		
7,600.00	7,280.05	7,463.52	7,116.80	19.97	24.01	76.82	-149.07	613.70	620.55	577.89	42.67	14.544		
7,700.00	7,302.88	7,396.17	7,100.74	19.99	23.30	72.49	-149.07	548.33	637.36	595.44	41.92	15.203		
7,800.00	7,310.32	7,330.49	7,078.52	20.09	22.64	68.83	-148.90	486.55	653.74	612.35	41.40	15.792		
7,900.00	7,307.40	7,267.55	7,051.37	20.33	22.04	66.55	-148.58	429.80	671.30	630.24	41.06	16.349		
8,000.00	7,304.23	7,210.20	7,021.86	20.77	21.53	64.37	-148.15	380.65	694.97	654.11	40.86	17.007		
8,100.00	7,301.05	7,158.60	6,991.63	21.38	21.09	62.21	-147.67	338.85	725.30	684.52	40.78	17.784		
8,200.00	7,297.88	7,112.49	6,961.83	22.15	20.73	60.15	-147.16	303.69	762.40	721.62	40.79	18.692		
8,300.00	7,294.71	7,071.46	6,933.23	23.03	20.43	58.25	-146.64	274.28	806.12	765.28	40.85	19.735		
8,400.00	7,291.54	7,035.00	6,906.28	24.00	20.17	56.52	-146.13	249.74	856.07	815.14	40.93	20.915		
8,500.00	7,288.36	7,000.00	6,879.12	25.05	19.94	54.84	-145.60	227.67	911.73	870.73	41.00	22.237		
8,600.00	7,285.19	6,973.73	6,857.97	26.17	19.78	53.58	-145.18	212.11	972.47	931.36	41.11	23.653		
8,700.00	7,282.02	6,950.00	6,838.32	27.34	19.63	52.44	-144.79	198.81	1,037.73	996.53	41.20	25.186		
8,800.00	7,278.85	6,924.92	6,817.03	28.57	19.49	51.25	-144.35	185.56	1,106.93	1,065.67	41.26	26.829		
8,900.00	7,275.67	6,900.00	6,795.38	29.84	19.35	50.07	-143.90	173.23	1,179.57	1,138.28	41.29	28.566		
9,000.00	7,272.50	6,885.54	6,782.60	31.14	19.27	49.40	-143.63	166.47	1,255.14	1,213.79	41.35	30.356		
9,100.00	7,269.33	6,868.66	6,767.49	32.48	19.19	48.62	-143.31	158.95	1,333.30	1,291.92	41.38	32.224		
9,200.00	7,266.15	6,850.00	6,750.56	33.85	19.09	47.77	-142.95	151.11	1,413.70	1,372.31	41.39	34.157		
9,300.00	7,262.98	6,850.00	6,750.56	35.24	19.09	47.77	-142.95	151.11	1,496.13	1,454.72	41.41	36.128		
9,400.00	7,259.81	6,826.63	6,729.05	36.66	18.98	46.71	-142.48	141.99	1,580.02	1,538.61	41.41	38.153		
9,500.00	7,256.64	6,800.00	6,704.15	38.10	18.86	45.54	-141.93	132.57	1,665.73	1,624.32	41.42	40.220		
9,600.00	7,253.46	6,800.00	6,704.15	39.55	18.86	45.54	-141.93	132.57	1,752.29	1,710.88	41.41	42.312		
9,700.00	7,250.29	6,800.00	6,704.15	41.02	18.86	45.54	-141.93	132.57	1,840.21	1,798.81	41.40	44.446		
9,800.00	7,247.12	6,800.00	6,704.15	42.51	18.86	45.54	-141.93	132.57	1,929.31	1,887.92	41.39	46.616		
9,900.00	7,243.95	6,776.66	6,682.02	44.01	18.77	44.54	-141.44	125.18	2,018.89	1,977.48	41.40	48.763		
10,000.00	7,240.77	6,768.78	6,674.49	45.52	18.74	44.21	-141.27	122.86	2,109.47	2,068.08	41.40	50.956		
10,100.00	7,237.60	6,750.00	6,656.43	47.04	18.66	43.42	-140.86	117.73	2,200.90	2,159.48	41.41	53.144		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis			Distance					Warning	
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	
10,200.00	7,234.43	6,750.00	6,656.43	48.57	18.66	43.42	-140.86	117.73	2,292.71	2,251.31	41.40	55.380	
10,300.00	7,231.25	6,750.00	6,656.43	50.11	18.66	43.42	-140.86	117.73	2,385.19	2,343.80	41.39	57.633	
10,400.00	7,228.08	6,750.00	6,656.43	51.66	18.66	43.42	-140.86	117.73	2,478.25	2,436.88	41.37	59.901	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-89.84	2.57	-939.63	939.64					
100.00	100.00	100.00	100.00	3.28	3.28	-89.84	2.57	-939.63	939.64	932.11	7.53	124.805		
200.00	200.00	200.00	200.00	3.31	3.31	-89.84	2.57	-939.63	939.64	932.06	7.57	124.062		
300.00	300.00	345.30	345.23	3.35	3.37	146.92	1.43	-936.13	937.59	929.91	7.68	122.108		
400.00	399.93	490.25	489.75	3.41	3.49	146.93	-1.97	-925.66	933.28	925.45	7.83	119.239		
500.00	499.68	634.69	633.03	3.49	3.67	146.99	-7.60	-908.33	927.09	919.06	8.03	115.387		
600.00	599.13	751.44	748.16	3.60	3.87	147.11	-13.58	-889.93	919.95	911.66	8.29	111.015		
700.00	698.15	851.30	846.56	3.74	4.07	147.31	-18.84	-873.76	915.39	906.81	8.58	106.686		
800.00	796.63	951.19	945.00	3.93	4.30	147.59	-24.09	-857.59	913.77	904.85	8.92	102.412		
822.67	818.88	973.83	967.31	3.97	4.36	147.67	-25.28	-853.93	913.76	904.75	9.01	101.446		
900.00	894.68	1,051.04	1,043.39	4.15	4.55	147.94	-29.34	-841.43	914.16	904.85	9.31	98.195		
1,000.00	992.71	1,150.88	1,141.77	4.40	4.82	148.28	-34.60	-825.27	914.62	904.89	9.73	93.976		
1,100.00	1,090.75	1,250.73	1,240.16	4.68	5.11	148.63	-39.85	-809.11	915.12	904.93	10.19	89.844		
1,200.00	1,188.79	1,350.57	1,338.55	4.98	5.40	148.98	-45.10	-792.94	915.65	904.99	10.66	85.877		
1,300.00	1,286.83	1,450.42	1,436.94	5.30	5.71	149.32	-50.35	-776.78	916.22	905.05	11.16	82.077		
1,400.00	1,384.86	1,550.26	1,535.33	5.63	6.03	149.67	-55.60	-760.62	916.82	905.14	11.68	78.487		
1,500.00	1,482.90	1,650.11	1,633.71	5.98	6.35	150.01	-60.86	-744.46	917.45	905.23	12.21	75.111		
1,600.00	1,580.94	1,749.96	1,732.10	6.33	6.69	150.36	-66.11	-728.29	918.12	905.35	12.76	71.947		
1,700.00	1,678.98	1,849.80	1,830.49	6.69	6.94	150.70	-71.36	-712.13	918.81	905.73	13.08	70.246		
1,800.00	1,777.01	1,949.65	1,928.88	7.06	7.06	151.04	-76.61	-695.97	919.55	906.10	13.45	68.366		
1,900.00	1,875.05	2,049.49	2,027.27	7.27	7.10	151.39	-81.87	-679.81	920.31	906.89	13.42	68.594		
2,000.00	1,973.09	2,149.34	2,125.66	7.31	7.17	151.73	-87.12	-663.64	921.11	907.64	13.47	68.365		
2,100.00	2,071.13	2,249.18	2,224.04	7.38	7.25	152.07	-92.37	-647.48	921.94	908.38	13.56	67.977		
2,200.00	2,169.16	2,349.03	2,322.43	7.46	7.34	152.41	-97.62	-631.32	922.80	909.12	13.68	67.439		
2,300.00	2,267.20	2,448.87	2,420.82	7.56	7.45	152.75	-102.87	-615.15	923.70	909.87	13.84	66.765		
2,400.00	2,365.24	2,548.72	2,519.21	7.67	7.57	153.09	-108.13	-598.99	924.63	910.61	14.02	65.968		
2,500.00	2,463.28	2,648.56	2,617.60	7.80	7.71	153.43	-113.38	-582.83	925.59	911.37	14.23	65.063		
2,600.00	2,561.31	2,748.41	2,715.98	7.95	7.86	153.77	-118.63	-566.67	926.59	912.12	14.46	64.068		
2,700.00	2,659.35	2,848.25	2,814.37	8.11	8.02	154.10	-123.88	-550.50	927.61	912.89	14.72	62.997		
2,800.00	2,757.39	2,948.10	2,912.76	8.28	8.19	154.44	-129.14	-534.34	928.67	913.66	15.01	61.867		
2,900.00	2,855.43	3,047.94	3,011.15	8.47	8.37	154.78	-134.39	-518.18	929.76	914.44	15.32	60.691		
3,000.00	2,953.46	3,147.79	3,109.54	8.66	8.57	155.11	-139.64	-502.02	930.88	915.24	15.65	59.484		
3,100.00	3,051.50	3,247.63	3,207.92	8.87	8.77	155.45	-144.89	-485.85	932.04	916.04	16.00	58.256		
3,200.00	3,149.54	3,347.48	3,306.31	9.09	8.98	155.78	-150.14	-469.69	933.23	916.86	16.37	57.020		
3,300.00	3,247.58	3,447.32	3,404.70	9.32	9.20	156.11	-155.40	-453.53	934.44	917.69	16.75	55.783		
3,400.00	3,345.61	3,547.17	3,503.09	9.55	9.42	156.44	-160.65	-437.37	935.69	918.54	17.15	54.553		
3,500.00	3,443.65	3,647.01	3,601.48	9.80	9.65	156.78	-165.90	-421.20	936.97	919.41	17.57	53.337		
3,600.00	3,541.69	3,746.86	3,699.87	10.05	9.89	157.11	-171.15	-405.04	938.29	920.29	18.00	52.140		
3,700.00	3,639.73	3,846.70	3,798.25	10.31	10.14	157.43	-176.41	-388.88	939.63	921.19	18.44	50.966		
3,800.00	3,737.76	3,946.55	3,896.64	10.57	10.39	157.76	-181.66	-372.72	941.00	922.11	18.89	49.818		
3,900.00	3,835.80	4,046.39	3,995.03	10.84	10.64	158.09	-186.91	-356.55	942.41	923.06	19.35	48.699		
4,000.00	3,933.84	4,146.24	4,093.42	11.12	10.90	158.42	-192.16	-340.39	943.84	924.02	19.82	47.610		
4,100.00	4,031.88	4,246.08	4,191.81	11.40	11.17	158.74	-197.41	-324.23	945.31	925.00	20.31	46.552		
4,200.00	4,129.91	4,345.93	4,290.19	11.69	11.44	159.06	-202.67	-308.07	946.81	926.01	20.80	45.527		
4,300.00	4,227.95	4,445.77	4,388.58	11.98	11.71	159.39	-207.92	-291.90	948.33	927.04	21.29	44.534		
4,400.00	4,325.99	4,545.62	4,486.97	12.27	11.99	159.71	-213.17	-275.74	949.89	928.09	21.80	43.574		
4,500.00	4,424.03	4,645.46	4,585.36	12.57	12.27	160.03	-218.42	-259.58	951.48	929.17	22.31	42.646		
4,600.00	4,522.06	4,745.31	4,683.75	12.88	12.55	160.35	-223.68	-243.41	953.09	930.27	22.83	41.749		
4,700.00	4,620.10	4,845.15	4,782.14	13.18	12.84	160.67	-228.93	-227.25	954.74	931.39	23.35	40.884		
4,800.00	4,718.14	4,945.00	4,880.52	13.49	13.13	160.99	-234.18	-211.09	956.42	932.54	23.88	40.049		
4,900.00	4,816.17	5,044.84	4,978.91	13.80	13.42	161.30	-239.43	-194.93	958.12	933.71	24.41	39.243		
5,000.00	4,914.21	5,144.69	5,077.30	14.12	13.71	161.62	-244.68	-178.76	959.86	934.90	24.95	38.466		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,244.53	5,175.69	14.43	14.01	161.93	-249.94	-162.60	961.62	936.13	25.50	37.717		
5,200.00	5,110.29	5,344.38	5,274.08	14.75	14.31	162.25	-255.19	-146.44	963.41	937.37	26.04	36.995		
5,300.00	5,208.32	5,444.22	5,372.46	15.07	14.61	162.56	-260.44	-130.28	965.24	938.64	26.59	36.298		
5,400.00	5,306.36	5,544.07	5,470.85	15.40	14.91	162.87	-265.69	-114.11	967.09	939.94	27.15	35.626		
5,500.00	5,404.40	5,643.91	5,569.24	15.72	15.21	163.18	-270.95	-97.95	968.96	941.26	27.70	34.978		
5,600.00	5,502.44	5,743.76	5,667.63	16.05	15.52	163.49	-276.20	-81.79	970.87	942.61	28.26	34.352		
5,700.00	5,600.47	5,843.60	5,766.02	16.38	15.82	163.79	-281.45	-65.63	972.81	943.98	28.82	33.749		
5,800.00	5,698.51	5,943.45	5,864.41	16.71	16.13	164.10	-286.70	-49.46	974.77	945.38	29.39	33.167		
5,900.00	5,796.55	6,043.29	5,962.79	17.04	16.44	164.41	-291.96	-33.30	976.76	946.80	29.96	32.605		
6,000.00	5,894.59	6,143.14	6,061.18	17.38	16.75	164.71	-297.21	-17.14	978.78	948.25	30.53	32.062		
6,100.00	5,992.62	6,242.98	6,159.57	17.71	17.06	165.01	-302.46	-0.98	980.82	949.72	31.10	31.538		
6,200.00	6,090.66	6,342.83	6,257.96	18.05	17.38	165.31	-307.71	15.19	982.89	951.22	31.67	31.032		
6,300.00	6,188.70	6,442.68	6,356.35	18.39	17.69	165.61	-312.96	31.35	984.99	952.74	32.25	30.542		
6,400.00	6,286.74	7,913.26	7,195.77	18.72	28.38	-144.26	-357.19	971.84	950.05	918.85	31.20	30.447		
6,500.00	6,384.77	7,929.28	7,195.70	19.06	28.58	-142.10	-357.17	987.86	860.20	828.00	32.19	26.720		
6,600.00	6,482.81	7,945.30	7,195.62	19.40	28.78	-139.89	-357.15	1,003.87	772.50	739.09	33.41	23.120		
6,700.00	6,580.86	7,961.27	7,195.55	19.74	28.98	-138.60	-357.14	1,019.85	687.79	652.84	34.95	19.679		
6,800.00	6,679.86	7,968.36	7,195.51	19.94	29.07	179.12	-357.13	1,026.94	606.63	569.80	36.83	16.472		
6,900.00	6,778.81	7,959.77	7,195.55	20.07	28.96	134.60	-357.14	1,018.34	531.95	492.90	39.05	13.624		
7,000.00	6,875.27	7,935.71	7,195.67	20.15	28.66	123.29	-357.16	994.29	468.26	426.76	41.50	11.284		
7,100.00	6,966.86	7,903.22	7,195.85	20.17	28.26	117.06	-357.20	955.36	419.87	375.98	43.89	9.566		
7,200.00	7,051.33	7,843.94	7,196.10	20.15	27.55	110.31	-357.25	902.52	389.56	344.14	45.42	8.576		
7,300.00	7,126.59	7,778.49	7,196.41	20.10	26.77	102.27	-357.32	837.07	376.98	331.14	45.83	8.225 SF		
7,337.44	7,152.02	7,751.06	7,196.54	20.08	26.46	99.04	-357.35	809.64	376.10	330.41	45.69	8.232 CC, ES		
7,400.00	7,190.80	7,702.04	7,196.78	20.04	25.90	93.61	-357.39	760.63	378.13	332.99	45.14	8.377		
7,500.00	7,242.38	7,620.08	7,196.23	19.99	25.01	85.67	-357.43	678.67	387.19	343.24	43.95	8.810		
7,600.00	7,280.05	7,543.27	7,187.83	19.97	24.20	78.79	-357.03	602.37	400.91	358.07	42.84	9.359		
7,700.00	7,302.88	7,469.56	7,171.20	19.99	23.45	72.75	-356.20	530.61	417.60	375.68	41.92	9.963		
7,800.00	7,310.32	7,400.00	7,148.01	20.09	22.77	67.68	-355.00	465.08	435.62	394.32	41.30	10.548		
7,900.00	7,307.40	7,330.44	7,117.83	20.33	22.14	64.11	-353.43	402.47	456.28	415.45	40.84	11.173		
8,000.00	7,304.23	7,269.21	7,085.75	20.77	21.62	60.79	-351.76	350.37	484.79	444.22	40.57	11.950		
8,100.00	7,301.05	7,214.67	7,053.08	21.38	21.18	57.61	-350.04	306.75	521.62	481.20	40.42	12.904		
8,200.00	7,297.88	7,166.46	7,021.20	22.15	20.83	54.72	-348.36	270.65	566.57	526.20	40.37	14.034		
8,300.00	7,294.71	7,124.01	6,990.93	23.03	20.53	52.16	-346.76	240.93	619.00	578.62	40.38	15.330		
8,400.00	7,291.54	7,086.64	6,962.70	24.00	20.28	49.93	-345.27	216.50	678.04	637.63	40.41	16.778		
8,500.00	7,288.36	7,050.00	6,933.68	25.05	20.05	47.78	-343.73	194.19	742.79	702.37	40.42	18.377		
8,600.00	7,285.19	7,024.66	6,912.88	26.17	19.90	46.34	-342.63	179.76	812.32	771.83	40.49	20.060		
8,700.00	7,282.02	7,000.00	6,892.11	27.34	19.76	44.97	-341.53	166.52	885.92	845.39	40.53	21.859		
8,800.00	7,278.85	6,975.98	6,871.39	28.57	19.63	43.67	-340.43	154.41	962.89	922.35	40.55	23.747		
8,900.00	7,275.67	6,950.00	6,848.50	29.84	19.49	42.30	-339.21	142.20	1,042.75	1,002.20	40.55	25.717		
9,000.00	7,272.50	6,950.00	6,848.50	31.14	19.49	42.30	-339.21	142.20	1,125.12	1,084.53	40.59	27.721		
9,100.00	7,269.33	6,920.65	6,822.05	32.48	19.35	40.82	-337.81	129.55	1,209.15	1,168.58	40.57	29.803		
9,200.00	7,266.15	6,900.00	6,803.11	33.85	19.25	39.81	-336.80	121.39	1,295.12	1,254.55	40.57	31.926		
9,300.00	7,262.98	6,900.00	6,803.11	35.24	19.25	39.81	-336.80	121.39	1,382.55	1,341.99	40.56	34.089		
9,400.00	7,259.81	6,879.82	6,784.36	36.66	19.16	38.86	-335.80	114.01	1,471.14	1,430.58	40.55	36.276		
9,500.00	7,256.64	6,868.55	6,773.78	38.10	19.11	38.34	-335.24	110.14	1,560.88	1,520.33	40.55	38.497		
9,600.00	7,253.46	6,850.00	6,756.24	39.55	19.03	37.50	-334.31	104.20	1,651.63	1,611.08	40.55	40.733		
9,700.00	7,250.29	6,850.00	6,756.24	41.02	19.03	37.50	-334.31	104.20	1,743.06	1,702.53	40.52	43.013		
9,800.00	7,247.12	6,850.00	6,756.24	42.51	19.03	37.50	-334.31	104.20	1,835.38	1,794.88	40.50	45.321		
9,900.00	7,243.95	6,831.81	6,738.88	44.01	18.96	36.71	-333.38	98.87	1,928.13	1,887.62	40.51	47.591		
10,000.00	7,240.77	6,824.29	6,731.65	45.52	18.93	36.39	-333.00	96.81	2,021.55	1,981.04	40.51	49.903		
10,100.00	7,237.60	6,800.00	6,708.16	47.04	18.84	35.38	-331.74	90.75	2,115.77	2,075.22	40.55	52.176		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
10,200.00	7,234.43	6,800.00	6,708.16	48.57	18.84	35.38	-331.74	90.75	2,209.95	2,169.41	40.53	54.521	
10,300.00	7,231.25	6,800.00	6,708.16	50.11	18.84	35.38	-331.74	90.75	2,304.62	2,264.10	40.52	56.879	
10,400.00	7,228.08	6,800.00	6,708.16	51.66	18.84	35.38	-331.74	90.75	2,399.72	2,359.21	40.50	59.245	
10,500.00	7,224.91	6,800.00	6,708.16	53.21	18.84	35.38	-331.74	90.75	2,495.20	2,454.71	40.49	61.619	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	1.00	3.28	3.28	-89.83	2.93	-999.77	999.77					
100.00	100.00	101.00	101.00	3.28	3.28	-89.83	2.93	-999.77	999.77	992.24	7.53	132.790		
200.00	200.00	201.00	201.00	3.31	3.31	-89.83	2.93	-999.77	999.77	992.20	7.57	131.997		
200.00	200.00	201.00	201.00	3.31	3.31	-89.83	2.93	-999.77	999.77	992.20	7.57	131.997		
300.00	300.00	301.00	301.00	3.35	3.35	146.98	2.93	-999.77	1,000.14	992.48	7.66	130.531		
400.00	399.93	400.93	400.93	3.41	3.42	147.05	2.93	-999.77	1,003.07	995.28	7.79	128.808		
500.00	499.68	500.68	500.68	3.49	3.50	147.21	2.93	-999.77	1,008.93	1,000.97	7.96	126.787		
600.00	599.13	600.13	600.13	3.60	3.61	147.43	2.93	-999.77	1,017.74	1,009.57	8.17	124.539		
700.00	698.15	700.85	699.15	3.74	3.73	147.72	2.93	-999.77	1,029.52	1,021.09	8.43	122.097		
800.00	796.63	802.37	797.63	3.93	3.88	148.07	2.93	-999.77	1,044.29	1,035.56	8.74	119.521		
900.00	894.68	904.32	895.68	4.15	4.03	148.59	2.93	-999.77	1,061.11	1,052.03	9.08	116.842		
1,000.00	992.71	1,006.29	993.71	4.40	4.20	149.14	2.93	-999.77	1,078.07	1,068.62	9.45	114.046		
1,100.00	1,090.75	1,091.75	1,091.75	4.68	4.35	149.66	2.93	-999.77	1,095.13	1,085.31	9.82	111.482		
1,200.00	1,188.79	1,245.29	1,245.23	4.98	4.62	150.49	3.32	-996.11	1,110.03	1,099.71	10.32	107.612		
1,300.00	1,286.83	1,405.67	1,405.09	5.30	4.93	151.40	4.64	-983.57	1,119.63	1,108.81	10.83	103.426		
1,400.00	1,384.86	1,566.91	1,564.85	5.63	5.28	152.38	6.90	-962.01	1,123.88	1,112.53	11.36	98.959		
1,500.00	1,482.90	1,728.01	1,722.99	5.98	5.68	153.44	10.10	-931.58	1,122.79	1,110.89	11.90	94.326		
1,600.00	1,580.94	1,828.16	1,820.72	6.33	5.93	154.14	12.38	-909.82	1,119.03	1,106.82	12.21	91.674		
1,700.00	1,678.98	1,927.17	1,917.34	6.69	6.06	154.83	14.64	-888.31	1,115.42	1,102.84	12.58	88.669		
1,800.00	1,777.01	2,026.18	2,013.95	7.06	6.10	155.52	16.91	-866.80	1,111.99	1,099.10	12.89	86.266		
1,900.00	1,875.05	2,125.18	2,110.57	7.27	6.16	156.22	19.17	-845.28	1,108.72	1,095.85	12.87	86.159		
2,000.00	1,973.09	2,224.19	2,207.18	7.31	6.25	156.92	21.43	-823.77	1,105.62	1,092.68	12.94	85.418		
2,100.00	2,071.13	2,323.20	2,303.80	7.38	6.36	157.63	23.69	-802.26	1,102.70	1,089.64	13.05	84.472		
2,200.00	2,169.16	2,422.20	2,400.41	7.46	6.49	158.34	25.95	-780.75	1,099.94	1,086.74	13.20	83.342		
2,300.00	2,267.20	2,521.21	2,497.03	7.56	6.63	159.06	28.21	-759.23	1,097.36	1,083.98	13.37	82.049		
2,400.00	2,365.24	2,620.22	2,593.64	7.67	6.80	159.77	30.47	-737.72	1,094.95	1,081.37	13.58	80.616		
2,500.00	2,463.28	2,719.22	2,690.26	7.80	6.98	160.49	32.73	-716.21	1,092.72	1,078.90	13.82	79.069		
2,600.00	2,561.31	2,818.23	2,786.87	7.95	7.17	161.22	34.99	-694.69	1,090.66	1,076.58	14.09	77.433		
2,700.00	2,659.35	2,917.24	2,883.49	8.11	7.38	161.94	37.25	-673.18	1,088.78	1,074.41	14.38	75.729		
2,800.00	2,757.39	3,016.25	2,980.10	8.28	7.60	162.67	39.51	-651.67	1,087.08	1,072.39	14.69	73.980		
2,900.00	2,855.43	3,115.25	3,076.72	8.47	7.83	163.40	41.77	-630.15	1,085.56	1,070.53	15.03	72.204		
3,000.00	2,953.46	3,214.26	3,173.33	8.66	8.07	164.13	44.03	-608.64	1,084.22	1,068.83	15.40	70.419		
3,100.00	3,051.50	3,313.27	3,269.95	8.87	8.33	164.87	46.29	-587.13	1,083.06	1,067.29	15.78	68.639		
3,200.00	3,149.54	3,412.27	3,366.56	9.09	8.59	165.60	48.55	-565.62	1,082.09	1,065.91	16.18	66.877		
3,300.00	3,247.58	3,511.28	3,463.18	9.32	8.86	166.34	50.81	-544.10	1,081.29	1,064.69	16.60	65.144		
3,400.00	3,345.61	3,610.29	3,559.79	9.55	9.13	167.07	53.07	-522.59	1,080.68	1,063.64	17.03	63.445		
3,500.00	3,443.65	3,709.29	3,656.41	9.80	9.42	167.81	55.33	-501.08	1,080.25	1,062.76	17.48	61.787		
3,600.00	3,541.69	3,808.30	3,753.02	10.05	9.71	168.55	57.59	-479.56	1,080.00	1,062.05	17.95	60.177		
3,685.65	3,625.65	3,906.90	3,835.77	10.27	10.00	169.18	59.52	-461.14	1,079.93	1,061.54	18.39	58.720		
3,700.00	3,639.73	3,907.31	3,849.64	10.31	10.00	169.29	59.85	-458.05	1,079.93	1,061.51	18.42	58.614		
3,800.00	3,737.76	4,006.31	3,946.25	10.57	10.30	170.03	62.11	-436.54	1,080.05	1,061.14	18.91	57.104		
3,900.00	3,835.80	4,105.32	4,042.87	10.84	10.60	170.76	64.37	-415.02	1,080.35	1,060.94	19.41	55.647		
4,000.00	3,933.84	4,204.33	4,139.48	11.12	10.91	171.50	66.63	-393.51	1,080.83	1,060.91	19.93	54.244		
4,100.00	4,031.88	4,303.34	4,236.10	11.40	11.23	172.24	68.89	-372.00	1,081.50	1,061.05	20.45	52.895		
4,200.00	4,129.91	4,402.34	4,332.71	11.69	11.54	172.97	71.15	-350.49	1,082.35	1,061.37	20.98	51.598		
4,300.00	4,227.95	4,501.35	4,429.33	11.98	11.86	173.71	73.41	-328.97	1,083.38	1,061.86	21.52	50.353		
4,400.00	4,325.99	4,600.36	4,525.94	12.27	12.18	174.44	75.67	-307.46	1,084.59	1,062.53	22.06	49.159		
4,500.00	4,424.03	4,700.64	4,622.56	12.57	12.51	175.17	77.93	-285.95	1,085.98	1,063.36	22.62	48.007		
4,600.00	4,522.06	4,801.63	4,719.17	12.88	12.85	175.90	80.19	-264.43	1,087.55	1,064.36	23.19	46.899		
4,700.00	4,620.10	4,902.62	4,815.79	13.18	13.18	176.63	82.45	-242.92	1,089.30	1,065.54	23.76	45.837		
4,800.00	4,718.14	5,003.62	4,912.40	13.49	13.52	177.35	84.71	-221.41	1,091.23	1,066.89	24.35	44.821		
4,900.00	4,816.17	5,104.61	5,009.02	13.80	13.86	178.08	86.97	-199.89	1,093.34	1,068.41	24.93	43.849		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,914.21	5,194.40	5,105.63	14.12	14.17	178.80	89.23	-178.38	1,095.62	1,070.13	25.49	42.976		
5,100.00	5,012.25	5,306.60	5,202.25	14.43	14.55	179.51	91.49	-156.87	1,098.08	1,071.95	26.13	42.027		
5,200.00	5,110.29	5,407.59	5,298.86	14.75	14.90	-179.77	93.75	-135.35	1,100.71	1,073.98	26.73	41.174		
5,300.00	5,208.32	5,508.58	5,395.48	15.07	15.25	-179.06	96.01	-113.84	1,103.52	1,076.18	27.34	40.357		
5,400.00	5,306.36	5,609.57	5,492.09	15.40	15.60	-178.36	98.27	-92.33	1,106.50	1,078.54	27.96	39.575		
5,500.00	5,404.40	5,689.43	5,588.71	15.72	15.88	-177.66	100.53	-70.82	1,109.64	1,081.13	28.51	38.917		
5,600.00	5,502.44	5,788.44	5,685.32	16.05	16.22	-176.96	102.79	-49.30	1,112.96	1,083.83	29.13	38.205		
5,700.00	5,600.47	5,887.45	5,781.94	16.38	16.57	-176.26	105.05	-27.79	1,116.44	1,086.69	29.75	37.523		
5,800.00	5,698.51	5,986.45	5,878.55	16.71	16.92	-175.57	107.31	-6.28	1,120.09	1,089.71	30.38	36.869		
5,900.00	5,796.55	6,085.46	5,975.17	17.04	17.26	-174.89	109.57	15.24	1,123.90	1,092.89	31.01	36.242		
6,000.00	5,894.59	6,184.47	6,071.78	17.38	17.61	-174.21	111.83	36.75	1,127.88	1,096.23	31.65	35.640		
6,100.00	5,992.62	6,283.47	6,168.40	17.71	17.97	-173.53	114.09	58.26	1,132.01	1,099.73	32.28	35.063		
6,200.00	6,090.66	6,382.48	6,265.01	18.05	18.32	-172.86	116.36	79.78	1,136.31	1,103.38	32.93	34.510		
6,300.00	6,188.70	6,481.49	6,361.98	18.39	18.67	-172.19	118.63	101.29	1,140.74	1,107.14	33.59	33.971		
6,400.00	6,286.74	6,580.50	6,453.99	18.72	19.00	-171.52	120.90	122.82	1,145.21	1,111.01	34.26	33.446		
6,500.00	6,384.77	6,679.51	6,547.00	19.06	19.35	-170.86	123.07	144.36	1,149.71	1,114.89	34.94	32.934		
6,600.00	6,482.81	6,778.52	6,640.01	19.40	19.65	-170.20	125.21	165.91	1,154.24	1,118.78	35.62	32.435		
6,700.00	6,580.86	6,877.53	6,733.02	19.74	19.97	-169.54	127.32	187.46	1,158.81	1,122.68	36.31	31.948		
6,800.00	6,679.86	6,976.54	6,826.03	20.08	20.29	-168.88	129.41	209.01	1,163.37	1,126.59	37.00	31.472		
6,900.00	6,778.81	7,075.55	6,919.04	20.42	20.55	-168.22	131.48	230.56	1,167.94	1,130.50	37.69	31.006		
7,000.00	6,875.27	7,174.56	7,012.05	20.76	20.84	-167.56	133.53	252.11	1,172.53	1,134.42	38.38	30.550		
7,019.96	6,894.01	7,193.57	7,031.06	20.80	20.87	-167.53	133.80	255.88	1,173.14	1,134.83	38.45	30.523	17.050 CC, ES, SF	
7,100.00	6,966.86	7,272.58	7,104.07	21.14	21.17	-166.87	135.85	277.43	1,177.73	1,138.75	39.14	30.077		
7,200.00	7,051.33	7,351.59	7,183.08	21.48	21.45	-166.21	137.89	298.98	1,182.34	1,142.67	39.83	29.650		
7,300.00	7,126.59	7,430.60	7,262.09	21.82	21.79	-165.55	139.93	320.53	1,186.95	1,146.59	40.52	29.242		
7,400.00	7,190.80	7,509.61	7,341.10	22.16	22.13	-164.89	141.97	342.08	1,191.56	1,150.51	41.21	28.853		
7,500.00	7,242.38	7,588.62	7,421.61	22.50	22.47	-164.23	144.01	363.63	1,196.17	1,154.43	41.90	28.483		
7,600.00	7,280.05	7,667.63	7,502.12	22.84	22.81	-163.57	146.05	385.18	1,200.78	1,158.35	42.59	28.131		
7,700.00	7,302.88	7,746.64	7,582.63	23.18	23.15	-162.91	148.09	406.73	1,205.39	1,162.27	43.28	27.796		
7,800.00	7,310.32	7,825.65	7,663.14	23.52	23.49	-162.25	150.13	428.28	1,209.99	1,166.19	43.97	27.477		
7,900.00	7,307.40	7,904.66	7,743.65	23.86	23.83	-161.59	152.17	449.83	1,214.59	1,170.11	44.66	27.172		
8,000.00	7,304.23	7,983.67	7,823.16	24.20	24.17	-160.93	154.21	471.38	1,219.19	1,174.02	45.35	26.881		
8,100.00	7,301.05	8,062.68	7,902.67	24.54	24.51	-160.27	156.25	492.93	1,223.79	1,177.94	46.04	26.602		
8,200.00	7,297.88	8,141.69	7,982.18	24.88	24.85	-159.61	158.29	514.48	1,228.39	1,181.85	46.73	26.335		
8,300.00	7,294.71	8,220.70	8,061.69	25.22	25.19	-158.95	160.33	536.03	1,232.99	1,185.77	47.42	26.080		
8,400.00	7,291.54	8,299.71	8,141.20	25.56	25.53	-158.29	162.37	557.58	1,237.59	1,189.68	48.11	25.835		
8,500.00	7,288.36	8,378.72	8,220.71	25.90	25.87	-157.63	164.41	579.13	1,242.19	1,193.59	48.80	25.600		
8,600.00	7,285.19	8,457.73	8,300.22	26.24	26.21	-156.97	166.45	600.68	1,246.79	1,197.50	49.49	25.375		
8,700.00	7,282.02	8,536.74	8,379.73	26.58	26.55	-156.31	168.49	622.23	1,251.39	1,201.41	50.18	25.160		
8,800.00	7,278.85	8,615.75	8,459.24	26.92	26.89	-155.65	170.53	643.78	1,255.99	1,205.32	50.87	24.955		
8,900.00	7,275.67	8,694.76	8,538.75	27.26	27.23	-154.99	172.57	665.33	1,260.59	1,209.23	51.56	24.760		
9,000.00	7,272.50	8,773.77	8,618.26	27.60	27.57	-154.33	174.61	686.88	1,265.19	1,213.14	52.25	24.575		
9,100.00	7,269.33	8,852.78	8,697.77	27.94	27.91	-153.67	176.65	708.43	1,269.79	1,217.05	52.94	24.400		
9,200.00	7,266.15	8,931.79	8,777.28	28.28	28.25	-153.01	178.69	729.98	1,274.39	1,220.96	53.63	24.235		
9,300.00	7,262.98	9,010.80	8,856.79	28.62	28.59	-152.35	180.73	751.53	1,278.99	1,224.87	54.32	24.080		
9,400.00	7,259.81	9,089.81	8,936.30	28.96	28.93	-151.69	182.77	773.08	1,283.59	1,228.78	55.01	23.935		
9,500.00	7,256.64	9,168.82	9,015.81	29.30	29.27	-151.03	184.81	794.63	1,288.19	1,232.69	55.70	23.800		
9,600.00	7,253.46	9,247.83	9,095.32	29.64	29.61	-150.37	186.85	816.18	1,292.79	1,236.60	56.39	23.675		
9,700.00	7,250.29	9,326.84	9,174.83	29.98	29.95	-149.71	188.89	837.73	1,297.39	1,240.51	57.08	23.560		
9,800.00	7,247.12	9,405.85	9,254.34	30.32	30.29	-149.05	190.93	859.28	1,301.99	1,244.42	57.77	23.455		
9,900.00	7,243.95	9,484.86	9,333.85	30.66	30.63	-148.39	192.97	880.83	1,306.59	1,248.33	58.46	23.360		
10,000.00	7,240.77	9,563.87	9,413.36	31.00	30.97	-147.73	195.01	902.38	1,311.19	1,252.24	59.15	23.275		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
10,100.00	7,237.60	6,677.64	6,552.35	47.04	19.40	49.37	123.06	146.62	2,343.23	2,299.34	43.90	53.382	
10,200.00	7,234.43	6,670.20	6,545.26	48.57	19.36	49.10	122.90	144.37	2,430.72	2,386.80	43.92	55.345	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.82	3.30	-1,039.58	1,039.59					
100.00	100.00	102.00	102.00	3.28	3.28	-89.82	3.30	-1,039.58	1,039.59	1,032.06	7.53	138.076		
200.00	200.00	203.04	203.04	3.31	3.31	-89.82	3.30	-1,039.58	1,039.59	1,032.01	7.57	137.241		
300.00	300.00	354.89	354.82	3.35	3.38	147.10	4.69	-1,035.63	1,037.35	1,029.67	7.69	134.949		
400.00	399.93	506.13	505.55	3.41	3.52	147.53	8.71	-1,024.16	1,032.71	1,024.87	7.85	131.603		
500.00	499.68	656.24	654.32	3.49	3.71	148.30	15.30	-1,005.37	1,026.13	1,018.06	8.07	127.202		
600.00	599.13	800.02	795.65	3.60	3.97	149.36	24.02	-980.52	1,017.78	1,009.44	8.34	121.967		
700.00	698.15	901.32	892.22	3.74	4.21	150.25	30.70	-961.46	1,010.65	1,002.00	8.65	116.784		
800.00	796.63	1,002.77	988.69	3.93	4.47	151.21	37.38	-942.43	1,006.79	997.78	9.01	111.686		
900.00	894.68	1,095.66	1,085.02	4.15	4.74	152.20	44.04	-923.42	1,005.26	995.86	9.40	106.911		
1,000.00	992.71	1,205.93	1,181.36	4.40	5.07	153.19	50.71	-904.41	1,004.09	994.22	9.87	101.752		
1,100.00	1,090.75	1,307.51	1,277.69	4.68	5.39	154.19	57.38	-885.41	1,003.23	992.89	10.35	96.973		
1,200.00	1,188.79	1,409.09	1,374.02	4.98	5.73	155.18	64.04	-866.40	1,002.69	991.84	10.85	92.427		
1,300.00	1,286.83	1,489.32	1,470.36	5.30	6.01	156.18	70.71	-847.39	1,002.46	991.14	11.32	88.582		
1,323.88	1,310.24	1,512.82	1,493.36	5.38	6.09	156.42	72.30	-842.85	1,002.45	991.00	11.45	87.587 CC		
1,400.00	1,384.86	1,587.74	1,566.69	5.63	6.35	157.18	77.38	-828.38	1,002.54	990.69	11.85	84.584		
1,500.00	1,482.90	1,686.16	1,663.03	5.98	6.71	158.17	84.04	-809.38	1,002.93	990.53	12.41	80.847 ES		
1,600.00	1,580.94	1,784.57	1,759.36	6.33	7.07	159.17	90.71	-790.37	1,003.64	990.67	12.97	77.366		
1,700.00	1,678.98	1,882.99	1,855.69	6.69	7.30	160.16	97.37	-771.36	1,004.66	991.40	13.26	75.759		
1,800.00	1,777.01	1,981.41	1,952.03	7.06	7.37	161.16	104.04	-752.35	1,005.99	992.39	13.60	73.972		
1,900.00	1,875.05	2,079.82	2,048.36	7.27	7.43	162.14	110.71	-733.35	1,007.64	994.05	13.58	74.175		
2,000.00	1,973.09	2,178.24	2,144.69	7.31	7.51	163.13	117.37	-714.34	1,009.59	995.92	13.67	73.874		
2,100.00	2,071.13	2,276.66	2,241.03	7.38	7.60	164.11	124.04	-695.33	1,011.84	998.06	13.78	73.420		
2,200.00	2,169.16	2,375.08	2,337.36	7.46	7.71	165.09	130.71	-676.32	1,014.40	1,000.47	13.93	72.824		
2,300.00	2,267.20	2,473.49	2,433.69	7.56	7.83	166.06	137.37	-657.32	1,017.27	1,003.16	14.11	72.100		
2,400.00	2,365.24	2,571.91	2,530.03	7.67	7.97	167.03	144.04	-638.31	1,020.43	1,006.11	14.32	71.263		
2,500.00	2,463.28	2,670.33	2,626.36	7.80	8.12	167.99	150.71	-619.30	1,023.89	1,009.33	14.56	70.330		
2,600.00	2,561.31	2,768.74	2,722.69	7.95	8.28	168.94	157.37	-600.29	1,027.65	1,012.82	14.83	69.316		
2,700.00	2,659.35	2,867.16	2,819.03	8.11	8.46	169.89	164.04	-581.29	1,031.69	1,016.57	15.12	68.239		
2,800.00	2,757.39	2,965.58	2,915.36	8.28	8.64	170.82	170.71	-562.28	1,036.02	1,020.59	15.44	67.113		
2,900.00	2,855.43	3,063.99	3,011.70	8.47	8.84	171.76	177.37	-543.27	1,040.64	1,024.86	15.78	65.952		
3,000.00	2,953.46	3,162.41	3,108.03	8.66	9.05	172.68	184.04	-524.26	1,045.54	1,029.40	16.14	64.771		
3,100.00	3,051.50	3,260.83	3,204.36	8.87	9.26	173.59	190.71	-505.26	1,050.71	1,034.18	16.53	63.579		
3,200.00	3,149.54	3,359.24	3,300.70	9.09	9.49	174.50	197.37	-486.25	1,056.16	1,039.23	16.93	62.386		
3,300.00	3,247.58	3,457.66	3,397.03	9.32	9.72	175.39	204.04	-467.24	1,061.87	1,044.52	17.35	61.201		
3,400.00	3,345.61	3,556.08	3,493.36	9.55	9.96	176.28	210.71	-448.23	1,067.85	1,050.06	17.79	60.031		
3,500.00	3,443.65	3,654.50	3,589.70	9.80	10.20	177.16	217.37	-429.23	1,074.08	1,055.84	18.24	58.881		
3,600.00	3,541.69	3,752.91	3,686.03	10.05	10.45	178.03	224.04	-410.22	1,080.57	1,061.86	18.71	57.757		
3,700.00	3,639.73	3,851.33	3,782.36	10.31	10.71	178.88	230.71	-391.21	1,087.31	1,068.12	19.19	56.660		
3,800.00	3,737.76	3,949.75	3,878.70	10.57	10.97	179.73	237.37	-372.20	1,094.30	1,074.62	19.68	55.594		
3,900.00	3,835.80	4,048.16	3,975.03	10.84	11.24	-179.44	244.04	-353.20	1,101.53	1,081.34	20.19	54.560		
4,000.00	3,933.84	4,146.58	4,071.36	11.12	11.51	-178.61	250.71	-334.19	1,108.99	1,088.28	20.71	53.561		
4,100.00	4,031.88	4,245.00	4,167.70	11.40	11.79	-177.80	257.37	-315.18	1,116.68	1,095.45	21.23	52.596		
4,200.00	4,129.91	4,343.41	4,264.03	11.69	12.07	-176.99	264.04	-296.17	1,124.61	1,102.84	21.77	51.665		
4,300.00	4,227.95	4,441.83	4,360.37	11.98	12.36	-176.20	270.71	-277.17	1,132.75	1,110.44	22.31	50.769		
4,400.00	4,325.99	4,540.25	4,456.70	12.27	12.65	-175.42	277.37	-258.16	1,141.11	1,118.25	22.86	49.907		
4,500.00	4,424.03	4,638.66	4,553.03	12.57	12.94	-174.65	284.04	-239.15	1,149.68	1,126.26	23.43	49.079		
4,600.00	4,522.06	4,737.08	4,649.37	12.88	13.24	-173.90	290.71	-220.14	1,158.46	1,134.47	23.99	48.284		
4,700.00	4,620.10	4,835.50	4,745.70	13.18	13.53	-173.15	297.37	-201.14	1,167.45	1,142.88	24.57	47.520		
4,800.00	4,718.14	4,933.92	4,842.03	13.49	13.84	-172.41	304.04	-182.13	1,176.63	1,151.48	25.15	46.788		
4,900.00	4,816.17	5,032.33	4,938.37	13.80	14.14	-171.69	310.71	-163.12	1,186.01	1,160.27	25.74	46.085		
5,000.00	4,914.21	5,130.75	5,034.70	14.12	14.44	-170.98	317.37	-144.11	1,195.57	1,169.24	26.33	45.411		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,229.17	5,131.03	14.43	14.75	-170.27	324.04	-125.11	1,205.32	1,178.40	26.93	44.765		
5,200.00	5,110.29	5,327.58	5,227.37	14.75	15.06	-169.58	330.71	-106.10	1,215.25	1,187.72	27.53	44.146		
5,300.00	5,208.32	5,426.00	5,323.70	15.07	15.38	-168.90	337.37	-87.09	1,225.36	1,197.22	28.14	43.552		
5,400.00	5,306.36	5,524.42	5,420.04	15.40	15.69	-168.23	344.04	-68.08	1,235.64	1,206.89	28.75	42.982		
5,500.00	5,404.40	5,622.83	5,516.37	15.72	16.01	-167.58	350.71	-49.08	1,246.08	1,216.72	29.36	42.436		
5,600.00	5,502.44	5,721.25	5,612.70	16.05	16.32	-166.93	357.37	-30.07	1,256.69	1,226.70	29.98	41.912		
5,700.00	5,600.47	5,819.67	5,709.04	16.38	16.64	-166.29	364.04	-11.06	1,267.46	1,236.85	30.61	41.410		
5,800.00	5,698.51	5,918.08	5,805.37	16.71	16.96	-165.67	370.71	7.95	1,278.38	1,247.14	31.24	40.927		
5,900.00	5,796.55	6,016.50	5,901.70	17.04	17.28	-165.05	377.37	26.95	1,289.45	1,257.58	31.87	40.465		
6,000.00	5,894.59	6,114.92	5,998.04	17.38	17.61	-164.45	384.04	45.96	1,300.67	1,268.17	32.50	40.021		
6,100.00	5,992.62	6,213.34	6,094.37	17.71	17.93	-163.85	390.71	64.97	1,312.04	1,278.90	33.14	39.594		
6,200.00	6,090.66	6,311.75	6,190.70	18.05	18.26	-163.27	397.37	83.98	1,323.54	1,289.76	33.78	39.184		
6,300.00	6,188.70	6,410.17	6,287.04	18.39	18.58	-162.69	404.04	102.98	1,335.18	1,300.76	34.42	38.791		
6,400.00	6,286.74	6,508.59	6,383.37	18.72	18.91	-162.13	410.71	121.99	1,346.95	1,311.89	35.07	38.413		
6,500.00	6,384.77	7,613.08	7,128.20	19.06	29.09	-128.71	465.66	982.47	1,334.65	1,292.32	42.33	31.533		
6,600.00	6,482.81	7,829.11	7,128.14	19.40	29.30	-127.95	465.73	998.50	1,292.16	1,248.32	43.84	29.477		
6,700.00	6,580.86	7,845.10	7,128.07	19.74	29.50	-128.87	465.80	1,014.48	1,256.00	1,210.67	45.33	27.710		
6,800.00	6,679.86	7,852.19	7,128.04	19.94	29.59	178.48	465.84	1,021.58	1,226.53	1,179.97	46.56	26.343		
6,900.00	6,778.81	7,843.61	7,128.07	20.07	29.48	126.75	465.80	1,012.99	1,204.67	1,157.26	47.42	25.405		
7,000.00	6,875.27	7,819.56	7,128.18	20.15	29.18	111.64	465.69	988.95	1,191.07	1,143.23	47.84	24.897		
7,100.00	6,966.86	7,780.64	7,128.34	20.17	28.69	104.49	465.52	950.03	1,185.43	1,137.60	47.82	24.788 SF		
7,129.97	6,993.02	7,766.21	7,128.40	20.16	28.52	102.81	465.45	935.60	1,185.13	1,137.40	47.74	24.827		
7,200.00	7,051.33	7,727.81	7,128.57	20.15	28.05	99.21	465.28	897.20	1,186.59	1,139.19	47.41	25.030		
7,300.00	7,126.59	7,662.36	7,128.85	20.10	27.28	94.52	464.98	831.76	1,192.77	1,146.09	46.68	25.552		
7,400.00	7,190.80	7,584.80	7,127.86	20.04	26.38	90.18	464.55	754.22	1,201.80	1,156.06	45.74	26.274		
7,500.00	7,242.38	7,507.80	7,118.63	19.99	25.51	86.32	463.55	677.83	1,211.94	1,167.13	44.82	27.042		
7,600.00	7,280.05	7,435.10	7,101.53	19.97	24.71	82.96	462.05	607.22	1,222.41	1,178.39	44.01	27.775		
7,700.00	7,302.88	7,365.61	7,077.78	19.99	23.98	80.07	460.11	541.99	1,232.48	1,189.13	43.35	28.429		
7,800.00	7,310.32	7,300.00	7,048.97	20.09	23.33	77.69	457.87	483.11	1,241.51	1,198.64	42.86	28.964		
7,900.00	7,307.40	7,235.40	7,014.85	20.33	22.73	76.08	455.27	428.36	1,250.70	1,208.18	42.52	29.412		
8,000.00	7,304.23	7,179.36	6,980.89	20.77	22.24	74.61	452.74	383.86	1,263.71	1,221.33	42.38	29.818		
8,100.00	7,301.05	7,130.10	6,947.92	21.38	21.85	73.18	450.32	347.37	1,281.16	1,238.77	42.39	30.225		
8,200.00	7,297.88	7,086.96	6,916.80	22.15	21.52	71.84	448.05	317.58	1,303.45	1,260.94	42.51	30.663		
8,300.00	7,294.71	7,050.00	6,888.60	23.03	21.26	70.64	446.01	293.79	1,330.79	1,288.08	42.72	31.152		
8,400.00	7,291.54	7,016.08	6,861.54	24.00	21.03	69.49	444.07	273.44	1,363.26	1,320.28	42.97	31.724		
8,500.00	7,288.36	6,986.96	6,837.47	25.05	20.85	68.48	442.35	257.14	1,400.77	1,357.52	43.26	32.382		
8,600.00	7,285.19	6,950.00	6,805.90	26.17	20.63	67.17	440.10	238.07	1,443.27	1,399.80	43.47	33.198		
8,700.00	7,282.02	6,950.00	6,805.90	27.34	20.63	67.17	440.10	238.07	1,490.32	1,446.41	43.91	33.942		
8,800.00	7,278.85	6,918.16	6,777.85	28.57	20.45	66.02	438.12	223.14	1,541.61	1,497.50	44.12	34.944		
8,900.00	7,275.67	6,900.00	6,761.53	29.84	20.36	65.36	436.96	215.25	1,597.05	1,552.68	44.37	35.995		
9,000.00	7,272.50	6,883.70	6,746.70	31.14	20.28	64.76	435.92	208.58	1,656.21	1,611.61	44.60	37.133		
9,100.00	7,269.33	6,868.99	6,733.17	32.48	20.21	64.22	434.97	202.88	1,718.77	1,673.96	44.81	38.357		
9,200.00	7,266.15	6,850.00	6,715.51	33.85	20.11	63.52	433.73	196.00	1,784.45	1,739.47	44.97	39.679		
9,300.00	7,262.98	6,850.00	6,715.51	35.24	20.11	63.52	433.73	196.00	1,852.91	1,807.74	45.17	41.021		
9,400.00	7,259.81	6,832.49	6,699.06	36.66	20.04	62.87	432.58	190.12	1,923.88	1,878.58	45.30	42.474		
9,500.00	7,256.64	6,822.37	6,689.48	38.10	20.00	62.50	431.91	186.93	1,997.17	1,951.76	45.42	43.972		
9,600.00	7,253.46	6,800.00	6,668.13	39.55	19.90	61.67	430.42	180.42	2,072.70	2,027.20	45.50	45.554		
9,700.00	7,250.29	6,800.00	6,668.13	41.02	19.90	61.67	430.42	180.42	2,149.81	2,104.20	45.61	47.135		
9,800.00	7,247.12	6,800.00	6,668.13	42.51	19.90	61.67	430.42	180.42	2,228.75	2,183.05	45.70	48.767		
9,900.00	7,243.95	6,800.00	6,668.13	44.01	19.90	61.67	430.42	180.42	2,309.32	2,263.54	45.78	50.445		
10,000.00	7,240.77	6,800.00	6,668.13	45.52	19.90	61.67	430.42	180.42	2,391.35	2,345.51	45.84	52.163		
10,100.00	7,237.60	6,776.09	6,645.07	47.04	19.82	60.78	428.82	174.30	2,474.21	2,428.32	45.89	53.919		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.84	2.94	-1,019.81	1,019.82					
100.00	100.00	102.00	102.00	3.28	3.28	-89.84	2.94	-1,019.81	1,019.82	1,012.29	7.53	135.451		
200.00	200.00	202.00	202.00	3.31	3.31	-89.84	2.94	-1,019.81	1,019.82	1,012.24	7.57	134.637		
300.00	300.00	325.00	324.98	3.35	3.36	147.10	4.97	-1,019.08	1,019.72	1,012.04	7.67	132.904		
400.00	399.93	479.82	479.54	3.41	3.48	147.50	8.68	-1,011.40	1,017.71	1,009.88	7.83	130.007		
500.00	499.68	634.03	632.85	3.49	3.65	148.12	12.88	-995.48	1,013.30	1,005.26	8.04	126.025		
600.00	599.13	787.24	784.09	3.60	3.91	148.97	17.53	-971.52	1,006.59	998.28	8.31	121.122		
700.00	698.15	889.48	884.50	3.74	4.12	149.68	20.81	-952.56	1,000.03	991.42	8.61	116.215		
800.00	796.63	988.59	981.83	3.93	4.36	150.45	23.98	-934.16	996.61	987.66	8.95	111.407		
900.00	894.68	1,087.59	1,079.06	4.15	4.62	151.25	27.16	-915.78	995.40	986.06	9.33	106.681		
1,000.00	992.71	1,186.59	1,176.28	4.40	4.90	152.05	30.33	-897.40	994.43	984.68	9.75	101.983		
1,100.00	1,090.75	1,285.58	1,273.51	4.68	5.19	152.86	33.51	-879.01	993.67	983.47	10.20	97.410		
1,200.00	1,188.79	1,384.58	1,370.73	4.98	5.50	153.67	36.68	-860.63	993.11	982.44	10.68	93.022		
1,300.00	1,286.83	1,483.58	1,467.96	5.30	5.82	154.47	39.86	-842.25	992.75	981.58	11.17	88.867		
1,400.00	1,384.86	1,582.58	1,565.18	5.63	6.14	155.28	43.03	-823.87	992.60	980.91	11.69	84.938		
1,429.24	1,413.53	1,611.53	1,593.62	5.73	6.24	155.51	43.96	-818.50	992.59	980.75	11.84	83.838		
1,500.00	1,482.90	1,681.58	1,662.41	5.98	6.48	156.08	46.20	-805.49	992.64	980.42	12.22	81.256		
1,600.00	1,580.94	1,780.58	1,759.64	6.33	6.82	156.89	49.38	-787.11	992.88	980.12	12.76	77.814		
1,700.00	1,678.98	1,879.57	1,856.86	6.69	7.04	157.70	52.55	-768.73	993.32	980.29	13.04	76.203		
1,800.00	1,777.01	1,978.57	1,954.09	7.06	7.12	158.50	55.73	-750.35	993.97	980.60	13.37	74.363		
1,900.00	1,875.05	2,077.57	2,051.31	7.27	7.17	159.31	58.90	-731.97	994.81	981.47	13.34	74.582		
2,000.00	1,973.09	2,176.57	2,148.54	7.31	7.24	160.11	62.07	-713.59	995.85	982.45	13.41	74.286		
2,100.00	2,071.13	2,275.57	2,245.76	7.38	7.33	160.91	65.25	-695.21	997.09	983.59	13.51	73.829		
2,200.00	2,169.16	2,374.57	2,342.99	7.46	7.44	161.71	68.42	-676.83	998.53	984.90	13.64	73.219		
2,300.00	2,267.20	2,473.56	2,440.21	7.56	7.55	162.50	71.60	-658.45	1,000.17	986.37	13.80	72.472		
2,400.00	2,365.24	2,572.56	2,537.44	7.67	7.68	163.30	74.77	-640.07	1,002.00	988.01	13.99	71.603		
2,500.00	2,463.28	2,671.56	2,634.66	7.80	7.83	164.09	77.94	-621.69	1,004.03	989.82	14.22	70.629		
2,600.00	2,561.31	2,770.56	2,731.89	7.95	7.99	164.88	81.12	-603.31	1,006.26	991.79	14.46	69.566		
2,700.00	2,659.35	2,869.56	2,829.11	8.11	8.16	165.66	84.29	-584.93	1,008.67	993.93	14.74	68.432		
2,800.00	2,757.39	2,968.56	2,926.34	8.28	8.34	166.44	87.47	-566.55	1,011.28	996.24	15.04	67.243		
2,900.00	2,855.43	3,067.55	3,023.56	8.47	8.53	167.21	90.64	-548.17	1,014.07	998.71	15.36	66.014		
3,000.00	2,953.46	3,166.55	3,120.79	8.66	8.73	167.99	93.81	-529.79	1,017.06	1,001.35	15.71	64.758		
3,100.00	3,051.50	3,265.55	3,218.01	8.87	8.94	168.75	96.99	-511.41	1,020.23	1,004.16	16.07	63.488		
3,200.00	3,149.54	3,364.55	3,315.24	9.09	9.15	169.52	100.16	-493.03	1,023.59	1,007.14	16.45	62.214		
3,300.00	3,247.58	3,463.55	3,412.47	9.32	9.38	170.27	103.34	-474.65	1,027.13	1,010.27	16.85	60.945		
3,400.00	3,345.61	3,562.55	3,509.69	9.55	9.61	171.02	106.51	-456.27	1,030.85	1,013.58	17.27	59.689		
3,500.00	3,443.65	3,661.54	3,606.92	9.80	9.85	171.77	109.68	-437.89	1,034.75	1,017.05	17.70	58.452		
3,600.00	3,541.69	3,760.54	3,704.14	10.05	10.10	172.51	112.86	-419.51	1,038.83	1,020.68	18.15	57.239		
3,700.00	3,639.73	3,859.54	3,801.37	10.31	10.35	173.25	116.03	-401.13	1,043.08	1,024.47	18.61	56.054		
3,800.00	3,737.76	3,958.54	3,898.59	10.57	10.61	173.98	119.21	-382.75	1,047.50	1,028.42	19.08	54.900		
3,900.00	3,835.80	4,057.54	3,995.82	10.84	10.87	174.70	122.38	-364.37	1,052.10	1,032.54	19.56	53.779		
4,000.00	3,933.84	4,156.54	4,093.04	11.12	11.13	175.41	125.55	-345.99	1,056.87	1,036.81	20.06	52.692		
4,100.00	4,031.88	4,255.53	4,190.27	11.40	11.41	176.12	128.73	-327.61	1,061.80	1,041.24	20.56	51.641		
4,200.00	4,129.91	4,354.53	4,287.49	11.69	11.68	176.83	131.90	-309.23	1,066.89	1,045.82	21.07	50.625		
4,300.00	4,227.95	4,453.53	4,384.72	11.98	11.96	177.53	135.08	-290.85	1,072.15	1,050.55	21.60	49.645		
4,400.00	4,325.99	4,552.53	4,481.94	12.27	12.24	178.22	138.25	-272.47	1,077.57	1,055.44	22.13	48.701		
4,500.00	4,424.03	4,651.53	4,579.17	12.57	12.53	178.90	141.42	-254.09	1,083.14	1,060.48	22.66	47.791		
4,600.00	4,522.06	4,750.52	4,676.39	12.88	12.82	179.57	144.60	-235.71	1,088.87	1,065.66	23.21	46.916		
4,700.00	4,620.10	4,849.52	4,773.62	13.18	13.11	-179.76	147.77	-217.33	1,094.75	1,070.99	23.76	46.075		
4,800.00	4,718.14	4,948.52	4,870.84	13.49	13.40	-179.09	150.95	-198.95	1,100.78	1,076.46	24.32	45.266		
4,900.00	4,816.17	5,047.52	4,968.07	13.80	13.70	-178.44	154.12	-180.57	1,106.96	1,082.08	24.88	44.489		
5,000.00	4,914.21	5,146.52	5,065.29	14.12	14.00	-177.79	157.29	-162.19	1,113.28	1,087.83	25.45	43.742		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,245.52	5,162.52	14.43	14.30	-177.15	160.47	-143.81	1,119.74	1,093.72	26.03	43.024		
5,200.00	5,110.29	5,344.51	5,259.75	14.75	14.60	-176.52	163.64	-125.43	1,126.35	1,099.74	26.61	42.335		
5,300.00	5,208.32	5,443.51	5,356.97	15.07	14.91	-175.89	166.82	-107.05	1,133.09	1,105.90	27.19	41.673		
5,400.00	5,306.36	5,542.51	5,454.20	15.40	15.22	-175.27	169.99	-88.67	1,139.97	1,112.19	27.78	41.037		
5,500.00	5,404.40	5,641.51	5,551.42	15.72	15.52	-174.66	173.16	-70.29	1,146.98	1,118.60	28.37	40.425		
5,600.00	5,502.44	5,740.51	5,648.65	16.05	15.83	-174.06	176.34	-51.91	1,154.12	1,125.15	28.97	39.838		
5,700.00	5,600.47	5,839.51	5,745.87	16.38	16.15	-173.46	179.51	-33.53	1,161.38	1,131.81	29.57	39.274		
5,800.00	5,698.51	5,938.50	5,843.10	16.71	16.46	-172.87	182.69	-15.15	1,168.78	1,138.60	30.18	38.731		
5,900.00	5,796.55	6,037.50	5,940.32	17.04	16.78	-172.29	185.86	3.24	1,176.29	1,145.51	30.78	38.210		
6,000.00	5,894.59	6,136.50	6,037.55	17.38	17.09	-171.72	189.03	21.62	1,183.93	1,152.53	31.40	37.709		
6,100.00	5,992.62	6,235.50	6,134.77	17.71	17.41	-171.15	192.21	40.00	1,191.68	1,159.67	32.01	37.226		
6,200.00	6,090.66	6,334.50	6,232.00	18.05	17.73	-170.59	195.38	58.38	1,199.55	1,166.92	32.63	36.762		
6,300.00	6,188.70	6,433.50	6,329.22	18.39	18.05	-170.04	198.56	76.76	1,207.54	1,174.29	33.25	36.316		
6,400.00	6,286.74	6,532.49	6,426.45	18.72	18.37	-169.50	201.73	95.14	1,215.63	1,181.76	33.88	35.886		
6,500.00	6,384.77	7,850.94	7,198.18	19.06	28.39	-132.63	260.01	945.71	1,215.43	1,175.56	39.88	30.480		
6,600.00	6,482.81	7,866.45	7,198.11	19.40	28.59	-131.76	260.73	961.21	1,161.35	1,119.87	41.47	28.001		
6,700.00	6,580.86	7,881.93	7,198.04	19.74	28.78	-132.47	261.46	976.67	1,113.42	1,070.29	43.12	25.821		
6,800.00	6,679.86	7,888.51	7,198.01	19.94	28.86	176.25	261.77	983.25	1,071.81	1,027.22	44.59	24.037		
6,900.00	6,778.81	7,879.43	7,198.05	20.07	28.75	125.68	261.34	974.18	1,037.61	991.88	45.74	22.687		
7,000.00	6,875.27	7,854.92	7,198.16	20.15	28.44	111.46	260.19	949.69	1,012.04	965.59	46.46	21.785		
7,100.00	6,966.86	7,815.56	7,198.35	20.17	27.96	104.98	258.35	910.37	995.31	948.61	46.70	21.313		
7,200.00	7,051.33	7,762.34	7,198.59	20.15	27.32	100.15	255.86	857.21	986.57	940.08	46.49	21.220 SF		
7,300.00	7,126.59	7,703.44	7,198.90	20.10	26.62	95.74	252.79	791.51	984.13	938.15	45.98	21.403		
7,300.03	7,126.61	7,703.46	7,198.90	20.10	26.62	95.74	252.78	791.49	984.13	938.15	45.98	21.403 CC, ES		
7,400.00	7,190.80	7,617.28	7,196.61	20.04	25.64	91.43	249.02	712.38	985.70	940.68	45.03	21.891		
7,500.00	7,242.38	7,540.71	7,185.41	19.99	24.78	87.55	245.20	636.78	989.57	945.41	44.17	22.406		
7,600.00	7,280.05	7,468.68	7,166.66	19.97	24.01	84.11	241.50	567.37	995.06	951.64	43.42	22.919		
7,700.00	7,302.88	7,400.00	7,141.57	19.99	23.30	81.07	237.90	503.57	1,001.44	958.63	42.81	23.394		
7,800.00	7,310.32	7,333.83	7,111.04	20.09	22.66	78.44	234.43	445.00	1,008.00	965.64	42.36	23.796		
7,900.00	7,307.40	7,271.54	7,076.87	20.33	22.10	76.50	231.18	393.05	1,015.85	973.76	42.08	24.140		
8,000.00	7,304.23	7,216.50	7,042.58	20.77	21.63	74.66	228.35	350.11	1,028.58	986.60	41.98	24.503		
8,100.00	7,301.05	7,168.27	7,009.58	21.38	21.26	72.91	225.92	315.04	1,046.90	1,004.90	42.01	24.922		
8,200.00	7,297.88	7,126.11	6,978.62	22.15	20.95	71.28	223.84	286.52	1,071.22	1,029.08	42.13	25.424		
8,300.00	7,294.71	7,089.26	6,950.06	23.03	20.69	69.79	222.07	263.31	1,101.66	1,059.34	42.32	26.033		
8,400.00	7,291.54	7,050.00	6,918.21	24.00	20.44	68.16	220.24	240.44	1,138.22	1,095.74	42.47	26.800		
8,500.00	7,288.36	7,028.60	6,900.27	25.05	20.31	67.26	219.27	228.81	1,180.52	1,137.77	42.75	27.612		
8,600.00	7,285.19	7,000.00	6,875.70	26.17	20.14	66.03	218.00	214.23	1,228.36	1,185.42	42.94	28.608		
8,700.00	7,282.02	6,981.35	6,859.34	27.34	20.04	65.23	217.19	205.32	1,281.25	1,238.09	43.16	29.689		
8,800.00	7,278.85	6,950.00	6,831.26	28.57	19.87	63.87	215.87	191.44	1,338.88	1,295.62	43.26	30.949		
8,900.00	7,275.67	6,950.00	6,831.26	29.84	19.87	63.87	215.87	191.44	1,400.46	1,356.98	43.49	32.204		
9,000.00	7,272.50	6,928.01	6,811.17	31.14	19.77	62.91	214.98	182.53	1,465.83	1,422.25	43.58	33.635		
9,100.00	7,269.33	6,900.00	6,785.17	32.48	19.63	61.69	213.88	172.20	1,534.73	1,491.10	43.63	35.175		
9,200.00	7,266.15	6,900.00	6,785.17	33.85	19.63	61.69	213.88	172.20	1,606.22	1,562.48	43.75	36.717		
9,300.00	7,262.98	6,900.00	6,785.17	35.24	19.63	61.69	213.88	172.20	1,680.63	1,636.80	43.83	38.347		
9,400.00	7,259.81	6,878.08	6,764.51	36.66	19.54	60.74	213.04	164.92	1,757.12	1,713.26	43.85	40.070		
9,500.00	7,256.64	6,868.20	6,755.12	38.10	19.50	60.31	212.68	161.87	1,835.78	1,791.90	43.88	41.832		
9,600.00	7,253.46	6,850.00	6,737.70	39.55	19.42	59.53	212.02	156.64	1,916.35	1,872.45	43.90	43.655		
9,700.00	7,250.29	6,850.00	6,737.70	41.02	19.42	59.53	212.02	156.64	1,998.38	1,954.46	43.92	45.500		
9,800.00	7,247.12	6,850.00	6,737.70	42.51	19.42	59.53	212.02	156.64	2,081.99	2,038.06	43.93	47.389		
9,900.00	7,243.95	6,850.00	6,737.70	44.01	19.42	59.53	212.02	156.64	2,166.99	2,123.05	43.94	49.318		
10,000.00	7,240.77	6,829.20	6,717.62	45.52	19.34	58.64	211.29	151.27	2,252.81	2,208.86	43.94	51.265		
10,100.00	7,237.60	6,822.99	6,711.59	47.04	19.32	58.38	211.08	149.80	2,339.85	2,295.91	43.95	53.244		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,234.43	6,800.00	6,689.15	48.57	19.24	57.41	210.31	144.85	2,428.11	2,384.16	43.95	55.242	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-89.81	3.67	-1,119.76	1,119.77					
100.00	100.00	103.00	103.00	3.28	3.28	-89.81	3.67	-1,119.76	1,119.77	1,112.24	7.53	148.724		
200.00	200.00	203.00	203.00	3.31	3.31	-89.81	3.67	-1,119.76	1,119.77	1,112.19	7.57	147.826		
202.19	202.19	205.19	205.19	3.31	3.31	146.99	3.67	-1,119.76	1,119.77	1,112.19	7.58	147.797		
300.00	300.00	304.24	304.24	3.35	3.35	147.00	3.67	-1,119.76	1,120.13	1,112.47	7.66	146.158		
400.00	399.93	445.69	445.62	3.41	3.45	147.25	6.10	-1,116.97	1,121.10	1,113.28	7.82	143.430		
500.00	499.68	586.43	585.95	3.49	3.60	147.88	13.07	-1,108.98	1,121.36	1,113.34	8.02	139.775		
600.00	599.13	725.84	724.27	3.60	3.79	148.86	24.43	-1,095.96	1,121.08	1,112.79	8.29	135.264		
700.00	698.15	863.29	859.67	3.74	4.04	150.20	39.95	-1,078.16	1,120.53	1,111.91	8.62	130.000		
800.00	796.63	998.25	991.36	3.93	4.36	151.84	59.33	-1,055.95	1,120.05	1,111.03	9.02	124.107		
900.00	894.68	1,130.42	1,118.84	4.15	4.75	153.74	82.23	-1,029.70	1,119.04	1,109.53	9.52	117.600		
1,000.00	992.71	1,228.53	1,212.77	4.40	5.10	155.24	100.87	-1,008.33	1,117.09	1,107.07	10.02	111.493		
1,100.00	1,090.75	1,323.93	1,304.08	4.68	5.46	156.71	119.01	-987.54	1,115.93	1,105.37	10.56	105.670		
1,193.55	1,182.46	1,413.16	1,389.51	4.96	5.82	158.09	135.97	-968.09	1,115.58	1,104.48	11.10	100.492 CC		
1,200.00	1,188.79	1,419.32	1,395.40	4.98	5.85	158.18	137.14	-966.75	1,115.58	1,104.44	11.14	100.146		
1,300.00	1,286.83	1,514.71	1,486.71	5.30	6.25	159.65	155.27	-945.96	1,116.04	1,104.29	11.75	95.003 ES		
1,400.00	1,384.86	1,610.10	1,578.03	5.63	6.67	161.12	173.41	-925.17	1,117.30	1,104.91	12.38	90.219		
1,500.00	1,482.90	1,705.49	1,669.34	5.98	7.09	162.58	191.54	-904.38	1,119.36	1,106.32	13.04	85.811		
1,600.00	1,580.94	1,800.88	1,760.66	6.33	7.53	164.04	209.68	-883.59	1,122.23	1,108.50	13.72	81.775		
1,700.00	1,678.98	1,903.73	1,851.97	6.69	7.79	165.49	227.81	-862.80	1,125.88	1,111.81	14.08	79.755		
1,800.00	1,777.01	1,991.66	1,943.29	7.06	7.85	166.93	245.95	-842.01	1,130.33	1,115.90	14.43	78.335		
1,900.00	1,875.05	2,087.06	2,034.60	7.27	7.94	168.36	264.08	-821.22	1,135.54	1,121.08	14.46	78.504		
2,000.00	1,973.09	2,182.45	2,125.92	7.31	8.05	169.78	282.21	-800.43	1,141.53	1,126.92	14.60	78.179		
2,100.00	2,071.13	2,277.84	2,217.23	7.38	8.18	171.18	300.35	-779.64	1,148.26	1,133.49	14.77	77.719		
2,200.00	2,169.16	2,373.23	2,308.55	7.46	8.32	172.57	318.48	-758.85	1,155.74	1,140.76	14.98	77.137		
2,300.00	2,267.20	2,468.62	2,399.86	7.56	8.48	173.94	336.62	-738.06	1,163.94	1,148.72	15.23	76.448		
2,400.00	2,365.24	2,564.01	2,491.18	7.67	8.66	175.29	354.75	-717.27	1,172.85	1,157.35	15.50	75.670		
2,500.00	2,463.28	2,659.40	2,582.49	7.80	8.85	176.62	372.88	-696.48	1,182.46	1,166.66	15.80	74.818		
2,600.00	2,561.31	2,754.80	2,673.81	7.95	9.06	177.93	391.02	-675.69	1,192.75	1,176.61	16.14	73.908		
2,700.00	2,659.35	2,850.19	2,765.12	8.11	9.28	179.22	409.15	-654.91	1,203.69	1,187.19	16.50	72.956		
2,800.00	2,757.39	2,945.58	2,856.44	8.28	9.52	-179.51	427.29	-634.12	1,215.28	1,198.40	16.88	71.974		
2,900.00	2,855.43	3,040.97	2,947.75	8.47	9.76	-178.26	445.42	-613.33	1,227.49	1,210.20	17.29	70.975		
3,000.00	2,953.46	3,136.36	3,039.07	8.66	10.02	-177.04	463.55	-592.54	1,240.31	1,222.59	17.73	69.971		
3,100.00	3,051.50	3,231.75	3,130.38	8.87	10.28	-175.84	481.69	-571.75	1,253.72	1,235.54	18.18	68.969		
3,200.00	3,149.54	3,327.14	3,221.70	9.09	10.56	-174.67	499.82	-550.96	1,267.69	1,249.04	18.65	67.977		
3,300.00	3,247.58	3,422.53	3,313.01	9.32	10.84	-173.52	517.96	-530.17	1,282.22	1,263.08	19.14	67.002		
3,400.00	3,345.61	3,517.93	3,404.33	9.55	11.13	-172.39	536.09	-509.38	1,297.27	1,277.63	19.64	66.049		
3,500.00	3,443.65	3,613.32	3,495.64	9.80	11.43	-171.29	554.23	-488.59	1,312.84	1,292.68	20.16	65.121		
3,600.00	3,541.69	3,708.71	3,586.96	10.05	11.74	-170.22	572.36	-467.80	1,328.91	1,308.22	20.69	64.221		
3,700.00	3,639.73	3,804.10	3,678.27	10.31	12.05	-169.16	590.49	-447.01	1,345.45	1,324.21	21.24	63.352		
3,800.00	3,737.76	3,899.49	3,769.59	10.57	12.36	-168.14	608.63	-426.22	1,362.45	1,340.66	21.79	62.512		
3,900.00	3,835.80	4,005.12	3,860.90	10.84	12.72	-167.13	626.76	-405.43	1,379.90	1,357.50	22.40	61.609		
4,000.00	3,933.84	4,109.73	3,952.22	11.12	13.08	-166.15	644.90	-384.64	1,397.77	1,374.77	23.01	60.753		
4,100.00	4,031.88	4,185.66	4,043.54	11.40	13.35	-165.20	663.03	-363.85	1,416.06	1,392.53	23.53	60.188		
4,200.00	4,129.91	4,281.06	4,134.85	11.69	13.68	-164.26	681.16	-343.06	1,434.73	1,410.61	24.12	59.477		
4,300.00	4,227.95	4,376.45	4,226.17	11.98	14.02	-163.35	699.30	-322.27	1,453.79	1,429.07	24.73	58.797		
4,400.00	4,325.99	4,471.84	4,317.48	12.27	14.37	-162.47	717.43	-301.49	1,473.21	1,447.88	25.34	58.147		
4,500.00	4,424.03	4,567.23	4,408.80	12.57	14.71	-161.60	735.57	-280.70	1,492.99	1,467.03	25.95	57.527		
4,600.00	4,522.06	4,662.62	4,500.11	12.88	15.06	-160.76	753.70	-259.91	1,513.09	1,486.52	26.58	56.934		
4,700.00	4,620.10	4,758.01	4,591.43	13.18	15.41	-159.93	771.83	-239.12	1,533.53	1,506.32	27.21	56.369		
4,800.00	4,718.14	4,853.40	4,682.74	13.49	15.77	-159.13	789.97	-218.33	1,554.27	1,526.43	27.84	55.830		
4,900.00	4,816.17	4,948.79	4,774.06	13.80	16.13	-158.35	808.10	-197.54	1,575.31	1,546.83	28.48	55.315		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,914.21	5,044.19	4,865.37	14.12	16.49	-157.59	826.24	-176.75	1,596.64	1,567.52	29.12	54.825		
5,100.00	5,012.25	5,139.58	4,956.69	14.43	16.85	-156.84	844.37	-155.96	1,618.25	1,588.48	29.77	54.356		
5,200.00	5,110.29	5,234.97	5,048.00	14.75	17.22	-156.12	862.50	-135.17	1,640.12	1,609.69	30.42	53.909		
5,300.00	5,208.32	5,330.36	5,139.32	15.07	17.58	-155.41	880.64	-114.38	1,662.24	1,631.16	31.08	53.483		
5,400.00	5,306.36	5,425.75	5,230.63	15.40	17.95	-154.73	898.77	-93.59	1,684.60	1,652.87	31.74	53.076		
5,500.00	5,404.40	5,521.14	5,321.95	15.72	18.32	-154.06	916.91	-72.80	1,707.21	1,674.80	32.40	52.687		
5,600.00	5,502.44	5,616.53	5,413.26	16.05	18.69	-153.40	935.04	-52.01	1,730.03	1,696.96	33.07	52.316		
5,700.00	5,600.47	5,711.92	5,504.58	16.38	19.07	-152.77	953.18	-31.22	1,753.08	1,719.34	33.74	51.961		
5,800.00	5,698.51	5,807.32	5,595.89	16.71	19.44	-152.14	971.31	-10.43	1,776.33	1,741.92	34.41	51.621		
5,900.00	5,796.55	5,902.71	5,687.21	17.04	19.82	-151.54	989.44	10.36	1,799.78	1,764.69	35.09	51.297		
6,000.00	5,894.59	6,001.90	5,778.52	17.38	20.21	-150.95	1,007.58	31.15	1,823.42	1,787.64	35.78	50.965		
6,100.00	5,992.62	6,106.51	5,869.84	17.71	20.63	-150.37	1,025.71	51.93	1,847.25	1,810.75	36.49	50.618		
6,200.00	6,090.66	6,188.88	5,961.15	18.05	20.95	-149.81	1,043.85	72.72	1,871.26	1,834.13	37.12	50.405		
6,300.00	6,188.70	6,284.27	6,052.47	18.39	21.33	-149.26	1,061.98	93.51	1,895.43	1,857.62	37.81	50.132		
6,400.00	6,286.74	6,379.66	6,143.78	18.72	21.72	-148.73	1,080.11	114.30	1,919.77	1,881.28	38.49	49.871		
6,500.00	6,384.77	6,475.05	6,235.10	19.06	22.10	-148.21	1,098.25	135.09	1,944.27	1,905.09	39.18	49.621		
6,600.00	6,482.81	6,570.45	6,326.41	19.40	22.48	-147.70	1,116.38	155.88	1,968.93	1,929.05	39.87	49.381		
6,700.00	6,580.86	6,665.83	6,417.73	19.74	22.87	-149.26	1,134.52	176.67	1,993.71	1,953.15	40.56	49.152		
6,800.00	6,679.86	6,760.17	6,508.03	19.94	23.25	-153.85	1,152.45	197.23	2,015.21	1,974.05	41.16	48.962		
6,900.00	6,778.81	6,851.02	6,595.00	20.07	23.62	100.24	1,169.72	217.03	2,030.88	1,989.21	41.67	48.779		
7,000.00	6,875.27	8,004.21	7,253.18	20.15	32.64	111.10	1,302.82	984.06	2,036.30	1,986.48	49.82	40.836 SF		
7,100.00	6,966.86	7,957.42	7,253.11	20.17	32.11	104.59	1,302.66	945.69	2,031.65	1,982.00	49.65	40.919		
7,163.57	7,021.52	7,925.69	7,253.06	20.15	31.76	101.78	1,302.53	913.96	2,030.89	1,981.44	49.45	41.068		
7,200.00	7,051.33	7,905.09	7,253.03	20.15	31.53	100.37	1,302.44	893.36	2,031.12	1,981.82	49.29	41.204		
7,300.00	7,126.59	7,652.36	7,210.59	20.10	28.84	92.53	1,293.09	646.03	2,031.49	1,984.50	46.99	43.232		
7,400.00	7,190.80	7,400.00	7,132.97	20.04	26.53	87.24	1,277.19	502.04	2,030.16	1,985.44	44.73	45.389		
7,500.00	7,242.38	7,422.82	7,093.36	19.99	26.74	84.93	1,269.16	451.60	2,029.15	1,984.20	44.96	45.136		
7,600.00	7,280.05	7,352.20	7,044.34	19.97	26.19	82.74	1,259.27	401.79	2,028.28	1,983.86	44.42	45.662		
7,700.00	7,302.88	7,289.59	6,996.58	19.99	25.75	81.00	1,249.68	362.50	2,027.20	1,983.14	44.06	46.012		
7,800.00	7,310.32	7,231.36	6,948.96	20.09	25.37	79.64	1,240.14	330.41	2,025.50	1,981.66	43.84	46.199		
7,885.46	7,308.99	7,187.57	6,911.35	20.29	25.11	78.58	1,232.62	309.27	2,024.68	1,980.88	43.80	46.221		
7,900.00	7,307.40	7,179.99	6,904.71	20.33	25.07	78.42	1,231.30	305.89	2,024.40	1,980.60	43.80	46.220		
8,000.00	7,304.23	7,140.41	6,869.38	20.77	24.85	77.42	1,224.25	289.52	2,027.10	1,983.15	43.95	46.127		
8,100.00	7,301.05	7,109.32	6,840.96	21.38	24.70	76.61	1,218.59	278.26	2,034.00	1,989.76	44.24	45.978		
8,200.00	7,297.88	7,084.36	6,817.78	22.15	24.58	75.95	1,213.97	270.25	2,045.26	2,000.63	44.64	45.818		
8,300.00	7,294.71	7,063.94	6,798.59	23.03	24.49	75.40	1,210.16	264.38	2,060.96	2,015.84	45.12	45.681		
8,400.00	7,291.54	7,050.00	6,785.39	24.00	24.43	75.02	1,207.53	260.74	2,081.07	2,035.41	45.66	45.575		
8,500.00	7,288.36	7,028.65	6,765.04	25.05	24.34	74.44	1,203.49	255.74	2,105.55	2,059.36	46.19	45.585		
8,600.00	7,285.19	7,011.44	6,748.56	26.17	24.27	73.98	1,200.22	251.99	2,134.22	2,087.48	46.75	45.655		
8,700.00	7,282.02	6,986.54	6,724.73	27.34	24.17	73.30	1,195.48	246.57	2,166.86	2,119.60	47.26	45.847		
8,800.00	7,278.85	6,961.65	6,700.90	28.57	24.07	72.62	1,190.75	241.14	2,203.28	2,155.51	47.77	46.120		
8,900.00	7,275.67	6,936.76	6,677.07	29.84	23.96	71.95	1,186.02	235.72	2,243.30	2,195.03	48.27	46.473		
9,000.00	7,272.50	6,911.87	6,653.25	31.14	23.86	71.28	1,181.29	230.29	2,286.71	2,237.96	48.75	46.904		
9,100.00	7,269.33	6,886.98	6,629.42	32.48	23.76	70.61	1,176.56	224.87	2,333.35	2,284.13	49.22	47.411		
9,200.00	7,266.15	6,862.08	6,605.59	33.85	23.66	69.94	1,171.82	219.44	2,383.00	2,333.35	49.66	47.989		
9,300.00	7,262.98	6,837.19	6,581.76	35.24	23.56	69.27	1,167.09	214.02	2,435.50	2,385.43	50.08	48.636		
9,400.00	7,259.81	6,812.30	6,557.93	36.66	23.46	68.61	1,162.36	208.59	2,490.66	2,440.19	50.47	49.347		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-89.80	4.03	-1,139.53	1,139.54					
100.00	100.00	103.00	103.00	3.28	3.28	-89.80	4.03	-1,139.53	1,139.54	1,132.01	7.53	151.349		
200.00	200.00	204.27	204.27	3.31	3.31	-89.80	4.04	-1,139.53	1,139.54	1,131.96	7.58	150.427		
300.00	300.00	346.44	346.37	3.35	3.38	147.16	6.51	-1,136.73	1,137.94	1,130.25	7.69	148.068		
400.00	399.93	487.93	487.45	3.41	3.50	147.68	13.60	-1,128.69	1,135.24	1,127.39	7.84	144.714		
500.00	499.68	628.10	626.51	3.49	3.67	148.58	25.17	-1,115.60	1,131.94	1,123.88	8.07	140.330		
600.00	599.13	766.32	762.64	3.60	3.90	149.82	40.97	-1,097.71	1,128.29	1,119.94	8.36	135.014		
700.00	698.15	902.03	895.02	3.74	4.21	151.40	60.69	-1,075.38	1,124.62	1,115.89	8.73	128.891		
800.00	796.63	1,034.72	1,022.96	3.93	4.61	153.27	83.96	-1,049.02	1,121.33	1,112.14	9.19	122.055		
900.00	894.68	1,143.75	1,126.95	4.15	5.00	155.00	105.64	-1,024.47	1,118.39	1,108.69	9.70	115.353		
1,000.00	992.71	1,238.72	1,217.41	4.40	5.38	156.52	124.79	-1,002.79	1,116.13	1,105.90	10.23	109.081		
1,100.00	1,090.75	1,333.69	1,307.87	4.68	5.78	158.04	143.93	-981.11	1,114.75	1,103.94	10.81	103.092		
1,200.00	1,188.79	1,428.66	1,398.33	4.98	6.20	159.57	163.08	-959.43	1,114.25	1,102.82	11.42	97.532		
1,207.15	1,195.80	1,435.45	1,404.80	5.01	6.23	159.68	164.44	-957.88	1,114.24	1,102.77	11.47	97.145 CC		
1,300.00	1,286.83	1,523.63	1,488.79	5.30	6.64	161.10	182.22	-937.75	1,114.62	1,102.55	12.07	92.340 ES		
1,400.00	1,384.86	1,618.60	1,579.25	5.63	7.08	162.63	201.36	-916.07	1,115.88	1,103.14	12.74	87.564		
1,500.00	1,482.90	1,713.57	1,669.71	5.98	7.54	164.15	220.51	-894.40	1,118.01	1,104.57	13.44	83.191		
1,600.00	1,580.94	1,808.54	1,760.17	6.33	7.99	165.67	239.65	-872.72	1,121.01	1,106.88	14.14	79.295		
1,700.00	1,678.98	1,903.51	1,850.63	6.69	8.25	167.18	258.80	-851.04	1,124.88	1,110.38	14.50	77.558		
1,800.00	1,777.01	2,001.52	1,941.09	7.06	8.32	168.67	277.94	-829.36	1,129.60	1,114.74	14.87	75.982		
1,900.00	1,875.05	2,106.55	2,031.55	7.27	8.43	170.16	297.08	-807.68	1,135.17	1,120.24	14.93	76.049		
2,000.00	1,973.09	2,188.43	2,122.01	7.31	8.53	171.63	316.23	-786.00	1,141.57	1,126.51	15.06	75.780		
2,100.00	2,071.13	2,283.40	2,212.47	7.38	8.66	173.09	335.37	-764.32	1,148.79	1,133.54	15.25	75.325		
2,200.00	2,169.16	2,378.37	2,302.92	7.46	8.81	174.52	354.52	-742.65	1,156.81	1,141.33	15.47	74.765		
2,300.00	2,267.20	2,473.34	2,393.38	7.56	8.98	175.94	373.66	-720.97	1,165.61	1,149.89	15.73	74.113		
2,400.00	2,365.24	2,568.31	2,483.84	7.67	9.17	177.34	392.80	-699.29	1,175.19	1,159.18	16.01	73.384		
2,500.00	2,463.28	2,663.28	2,574.30	7.80	9.37	178.72	411.95	-677.61	1,185.51	1,169.18	16.33	72.593		
2,600.00	2,561.31	2,758.25	2,664.76	7.95	9.58	-179.92	431.09	-655.93	1,196.57	1,179.90	16.68	71.754		
2,700.00	2,659.35	2,853.22	2,755.22	8.11	9.81	-178.59	450.24	-634.25	1,208.34	1,191.29	17.05	70.880		
2,800.00	2,757.39	2,948.19	2,845.68	8.28	10.05	-177.29	469.38	-612.58	1,220.79	1,203.35	17.44	69.983		
2,900.00	2,855.43	3,043.16	2,936.14	8.47	10.30	-176.00	488.53	-590.90	1,233.92	1,216.06	17.86	69.073		
3,000.00	2,953.46	3,138.13	3,026.60	8.66	10.56	-174.75	507.67	-569.22	1,247.69	1,229.39	18.31	68.160		
3,100.00	3,051.50	3,233.10	3,117.06	8.87	10.84	-173.51	526.81	-547.54	1,262.10	1,243.33	18.77	67.252		
3,200.00	3,149.54	3,328.07	3,207.52	9.09	11.12	-172.31	545.96	-525.86	1,277.10	1,257.85	19.25	66.355		
3,300.00	3,247.58	3,423.04	3,297.98	9.32	11.41	-171.13	565.10	-504.18	1,292.69	1,272.95	19.74	65.475		
3,400.00	3,345.61	3,518.01	3,388.44	9.55	11.71	-169.98	584.25	-482.50	1,308.85	1,288.59	20.26	64.616		
3,500.00	3,443.65	3,612.98	3,478.90	9.80	12.01	-168.85	603.39	-460.83	1,325.54	1,304.76	20.78	63.780		
3,600.00	3,541.69	3,707.95	3,569.36	10.05	12.33	-167.75	622.53	-439.15	1,342.76	1,321.44	21.32	62.970		
3,700.00	3,639.73	3,802.92	3,659.82	10.31	12.64	-166.68	641.68	-417.47	1,360.49	1,338.61	21.88	62.189		
3,800.00	3,737.76	3,902.11	3,750.28	10.57	12.98	-165.63	660.82	-395.79	1,378.69	1,356.24	22.46	61.396		
3,900.00	3,835.80	4,007.14	3,840.74	10.84	13.35	-164.61	679.97	-374.11	1,397.37	1,374.30	23.07	60.580		
4,000.00	3,933.84	4,087.83	3,931.20	11.12	13.63	-163.62	699.11	-352.43	1,416.48	1,392.88	23.60	60.017		
4,100.00	4,031.88	4,182.80	4,021.66	11.40	13.97	-162.65	718.25	-330.75	1,436.03	1,411.83	24.20	59.351		
4,200.00	4,129.91	4,277.77	4,112.12	11.69	14.32	-161.70	737.40	-309.08	1,455.99	1,431.19	24.80	58.715		
4,300.00	4,227.95	4,372.74	4,202.57	11.98	14.67	-160.78	756.54	-287.40	1,476.34	1,450.93	25.41	58.107		
4,400.00	4,325.99	4,467.72	4,293.03	12.27	15.02	-159.88	775.69	-265.72	1,497.07	1,471.04	26.02	57.526		
4,500.00	4,424.03	4,562.69	4,383.49	12.57	15.37	-159.01	794.83	-244.04	1,518.16	1,491.51	26.65	56.971		
4,600.00	4,522.06	4,657.66	4,473.95	12.88	15.73	-158.15	813.97	-222.36	1,539.60	1,512.32	27.28	56.442		
4,700.00	4,620.10	4,752.63	4,564.41	13.18	16.09	-157.33	833.12	-200.68	1,561.38	1,533.46	27.91	55.937		
4,800.00	4,718.14	4,847.60	4,654.87	13.49	16.46	-156.52	852.26	-179.00	1,583.47	1,554.92	28.55	55.456		
4,900.00	4,816.17	4,942.57	4,745.33	13.80	16.83	-155.73	871.41	-157.33	1,605.87	1,576.67	29.20	54.997		
5,000.00	4,914.21	5,037.54	4,835.79	14.12	17.20	-154.97	890.55	-135.65	1,628.57	1,598.72	29.85	54.559		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,132.51	4,926.25	14.43	17.57	-154.22	909.69	-113.97	1,651.54	1,621.04	30.50	54.142		
5,200.00	5,110.29	5,227.48	5,016.71	14.75	17.94	-153.50	928.84	-92.29	1,674.79	1,643.63	31.16	53.744		
5,300.00	5,208.32	5,322.45	5,107.17	15.07	18.32	-152.79	947.98	-70.61	1,698.30	1,666.47	31.83	53.364		
5,400.00	5,306.36	5,417.42	5,197.63	15.40	18.70	-152.10	967.13	-48.93	1,722.05	1,689.56	32.49	53.001		
5,500.00	5,404.40	5,512.39	5,288.09	15.72	19.08	-151.43	986.27	-27.25	1,746.05	1,712.89	33.16	52.655		
5,600.00	5,502.44	5,607.36	5,378.55	16.05	19.46	-150.78	1,005.42	-5.58	1,770.27	1,736.44	33.83	52.324		
5,700.00	5,600.47	5,702.33	5,469.01	16.38	19.84	-150.14	1,024.56	16.10	1,794.71	1,760.20	34.51	52.008		
5,800.00	5,698.51	5,797.30	5,559.47	16.71	20.22	-149.52	1,043.70	37.78	1,819.36	1,784.18	35.19	51.706		
5,900.00	5,796.55	5,892.27	5,649.93	17.04	20.61	-148.92	1,062.85	59.46	1,844.22	1,808.35	35.87	51.418		
6,000.00	5,894.59	5,987.24	5,740.39	17.38	21.00	-148.33	1,081.99	81.14	1,869.27	1,832.72	36.55	51.142		
6,100.00	5,992.62	6,082.21	5,830.85	17.71	21.39	-147.76	1,101.14	102.82	1,894.50	1,857.27	37.24	50.877		
6,200.00	6,090.66	6,177.18	5,921.31	18.05	21.78	-147.20	1,120.28	124.49	1,919.92	1,881.99	37.92	50.625		
6,300.00	6,188.70	6,272.15	6,011.77	18.39	22.17	-146.66	1,139.42	146.17	1,945.50	1,906.89	38.61	50.382		
6,400.00	6,286.74	6,367.12	6,102.22	18.72	22.56	-146.13	1,158.57	167.85	1,971.26	1,931.95	39.31	50.150		
6,500.00	6,384.77	6,462.09	6,192.68	19.06	22.95	-145.61	1,177.71	189.53	1,997.17	1,957.17	40.00	49.928		
6,600.00	6,482.81	6,557.06	6,283.14	19.40	23.35	-145.11	1,196.86	211.21	2,023.23	1,982.53	40.70	49.714		
6,700.00	6,580.86	7,755.95	6,969.69	19.74	32.74	-126.57	1,345.35	1,009.02	2,047.74	1,998.45	49.29	41.545		
6,800.00	6,679.86	7,763.22	6,969.67	19.94	32.83	178.36	1,345.39	1,016.30	2,042.30	1,992.33	49.97	40.867		
6,860.79	6,740.17	7,759.98	6,969.68	20.02	32.79	138.57	1,345.37	1,013.06	2,041.39	1,991.17	50.22	40.648		
6,900.00	6,778.81	7,754.82	6,969.69	20.07	32.73	124.84	1,345.35	1,007.90	2,041.76	1,991.43	50.33	40.569 SF		
7,000.00	6,875.27	7,730.95	6,969.75	20.15	32.46	108.59	1,345.24	984.03	2,045.95	1,995.61	50.35	40.637		
7,100.00	6,966.86	7,707.80	6,969.84	20.17	32.19	100.92	1,345.06	945.28	2,054.21	2,003.98	50.23	40.892		
7,200.00	7,051.33	7,639.53	6,969.97	20.15	31.43	95.64	1,344.82	892.60	2,065.49	2,015.99	49.49	41.732		
7,300.00	7,126.59	7,534.83	6,963.51	20.10	30.28	90.45	1,342.94	788.24	2,077.93	2,029.60	48.34	42.988		
7,400.00	7,190.80	7,439.61	6,943.26	20.04	29.27	86.21	1,338.21	695.40	2,089.80	2,042.56	47.24	44.240		
7,500.00	7,242.38	7,357.29	6,915.00	19.99	28.43	82.79	1,331.87	618.41	2,100.65	2,054.35	46.30	45.370		
7,600.00	7,280.05	7,283.10	6,881.39	19.97	27.72	80.00	1,324.47	552.73	2,109.99	2,064.46	45.53	46.341		
7,700.00	7,302.88	7,214.39	6,843.78	19.99	27.10	77.77	1,316.26	495.86	2,117.30	2,072.37	44.93	47.121		
7,800.00	7,310.32	7,149.59	6,803.01	20.09	26.55	76.07	1,307.43	446.30	2,122.11	2,077.61	44.50	47.690		
7,900.00	7,307.40	7,090.43	6,761.65	20.33	26.09	74.92	1,298.52	404.98	2,125.93	2,081.67	44.26	48.037		
8,000.00	7,304.23	7,040.85	6,724.22	20.77	25.73	73.91	1,290.49	373.49	2,132.58	2,088.36	44.22	48.228		
8,100.00	7,301.05	7,000.00	6,691.65	21.38	25.45	73.04	1,283.52	349.86	2,142.55	2,098.20	44.35	48.307		
8,200.00	7,297.88	6,964.12	6,661.87	22.15	25.23	72.24	1,277.15	330.89	2,156.08	2,111.47	44.61	48.327		
8,300.00	7,294.71	6,934.25	6,636.31	23.03	25.05	71.55	1,271.70	316.43	2,173.34	2,128.35	44.98	48.315		
8,400.00	7,291.54	6,900.00	6,606.23	24.00	24.85	70.75	1,265.29	301.39	2,194.43	2,149.06	45.37	48.370		
8,500.00	7,288.36	6,886.49	6,594.14	25.05	24.78	70.42	1,262.72	295.91	2,219.27	2,173.35	45.93	48.319		
8,600.00	7,285.19	6,867.20	6,576.71	26.17	24.68	69.96	1,259.02	288.55	2,247.94	2,201.47	46.47	48.376		
8,700.00	7,282.02	6,850.00	6,560.98	27.34	24.59	69.54	1,255.68	282.44	2,280.31	2,233.29	47.02	48.492		
8,800.00	7,278.85	6,835.35	6,547.46	28.57	24.53	69.18	1,252.81	277.58	2,316.30	2,268.70	47.60	48.662		
8,900.00	7,275.67	6,822.07	6,535.12	29.84	24.46	68.85	1,250.19	273.45	2,355.78	2,307.61	48.17	48.904		
9,000.00	7,272.50	6,800.00	6,514.42	31.14	24.36	68.30	1,245.80	267.17	2,398.66	2,349.98	48.68	49.274		
9,100.00	7,269.33	6,800.00	6,514.42	32.48	24.36	68.30	1,245.80	267.17	2,444.62	2,395.34	49.28	49.602		
9,200.00	7,266.15	6,789.92	6,504.89	33.85	24.32	68.04	1,243.79	264.55	2,493.69	2,443.87	49.82	50.058		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	3.00	3.00	3.28	3.28	-89.80	4.04	-1,159.58	1,159.58					
100.00	100.00	103.00	103.00	3.28	3.28	-89.80	4.04	-1,159.58	1,159.58	1,152.05	7.53	154.011		
200.00	200.00	203.00	203.00	3.31	3.31	-89.80	4.04	-1,159.58	1,159.58	1,152.01	7.57	153.082		
300.00	300.00	318.38	318.38	3.35	3.36	147.03	4.39	-1,159.22	1,159.70	1,152.03	7.67	151.179		
400.00	399.93	458.57	458.42	3.41	3.47	147.37	8.61	-1,154.90	1,159.57	1,151.74	7.82	148.193		
500.00	499.68	597.81	597.06	3.49	3.62	148.08	17.55	-1,145.78	1,158.99	1,150.95	8.04	144.242		
600.00	599.13	735.44	733.33	3.60	3.82	149.15	31.00	-1,132.04	1,158.15	1,149.84	8.31	139.386		
700.00	698.15	870.85	866.35	3.74	4.08	150.54	48.69	-1,113.97	1,157.36	1,148.70	8.65	133.752		
800.00	796.63	1,003.50	995.35	3.93	4.41	152.23	70.27	-1,091.94	1,156.97	1,147.89	9.08	127.464		
900.00	894.68	1,133.10	1,119.88	4.15	4.82	154.15	95.36	-1,066.31	1,156.40	1,146.81	9.59	120.541		
1,000.00	992.71	1,245.34	1,226.43	4.40	5.25	155.99	120.04	-1,041.11	1,154.30	1,144.14	10.16	113.618		
1,100.00	1,090.75	1,339.54	1,315.62	4.68	5.65	157.56	141.22	-1,019.47	1,152.76	1,142.02	10.74	107.342		
1,200.00	1,188.79	1,433.73	1,404.82	4.98	6.07	159.13	162.41	-997.84	1,152.20	1,140.85	11.36	101.460		
1,207.09	1,195.74	1,440.41	1,411.14	5.01	6.10	159.24	163.91	-996.30	1,152.20	1,140.80	11.40	101.062	CC	
1,300.00	1,286.83	1,527.93	1,494.02	5.30	6.51	160.70	183.59	-976.20	1,152.62	1,140.61	12.01	95.974	ES	
1,400.00	1,384.86	1,622.13	1,583.21	5.63	6.96	162.27	204.78	-954.57	1,154.02	1,141.33	12.69	90.929		
1,500.00	1,482.90	1,716.32	1,672.41	5.98	7.42	163.84	225.96	-932.94	1,156.39	1,142.99	13.40	86.313		
1,600.00	1,580.94	1,810.52	1,761.61	6.33	7.88	165.40	247.14	-911.30	1,159.73	1,145.62	14.10	82.232		
1,700.00	1,678.98	1,904.71	1,850.80	6.69	8.15	166.95	268.33	-889.67	1,164.02	1,149.55	14.48	80.408		
1,800.00	1,777.01	2,001.09	1,940.00	7.06	8.22	168.48	289.51	-868.03	1,169.27	1,154.43	14.84	78.796		
1,900.00	1,875.05	2,093.10	2,029.20	7.27	8.31	170.01	310.69	-846.40	1,175.45	1,160.56	14.89	78.938		
2,000.00	1,973.09	2,187.30	2,118.39	7.31	8.44	171.52	331.88	-824.77	1,182.55	1,167.51	15.05	78.594		
2,100.00	2,071.13	2,281.50	2,207.59	7.38	8.58	173.01	353.06	-803.13	1,190.56	1,175.32	15.24	78.126		
2,200.00	2,169.16	2,375.69	2,296.79	7.46	8.74	174.49	374.24	-781.50	1,199.45	1,183.99	15.47	77.549		
2,300.00	2,267.20	2,469.89	2,385.98	7.56	8.91	175.94	395.43	-759.87	1,209.22	1,193.49	15.73	76.877		
2,400.00	2,365.24	2,564.08	2,475.18	7.67	9.11	177.37	416.61	-738.23	1,219.82	1,203.80	16.02	76.127		
2,500.00	2,463.28	2,658.28	2,564.38	7.80	9.32	178.78	437.79	-716.60	1,231.25	1,214.91	16.35	75.313		
2,600.00	2,561.31	2,752.47	2,653.57	7.95	9.55	-179.84	458.98	-694.96	1,243.49	1,226.79	16.70	74.451		
2,700.00	2,659.35	2,846.67	2,742.77	8.11	9.79	-178.48	480.16	-673.33	1,256.50	1,239.42	17.08	73.555		
2,800.00	2,757.39	2,940.86	2,831.97	8.28	10.04	-177.14	501.34	-651.70	1,270.26	1,252.78	17.49	72.637		
2,900.00	2,855.43	3,035.06	2,921.16	8.47	10.30	-175.84	522.53	-630.06	1,284.76	1,266.84	17.92	71.708		
3,000.00	2,953.46	3,129.26	3,010.36	8.66	10.58	-174.56	543.71	-608.43	1,299.96	1,281.59	18.37	70.777		
3,100.00	3,051.50	3,223.45	3,099.56	8.87	10.86	-173.30	564.90	-586.79	1,315.84	1,297.01	18.84	69.854		
3,200.00	3,149.54	3,317.65	3,188.75	9.09	11.16	-172.08	586.08	-565.16	1,332.38	1,313.06	19.33	68.943		
3,300.00	3,247.58	3,411.84	3,277.95	9.32	11.46	-170.88	607.26	-543.53	1,349.56	1,329.72	19.83	68.051		
3,400.00	3,345.61	3,506.04	3,367.15	9.55	11.77	-169.72	628.45	-521.89	1,367.34	1,346.98	20.35	67.184		
3,500.00	3,443.65	3,600.23	3,456.34	9.80	12.09	-168.58	649.63	-500.26	1,385.70	1,364.81	20.89	66.338		
3,600.00	3,541.69	3,705.57	3,545.54	10.05	12.46	-167.46	670.81	-478.62	1,404.63	1,383.15	21.48	65.403		
3,700.00	3,639.73	3,788.63	3,634.74	10.31	12.75	-166.38	692.00	-456.99	1,424.10	1,402.10	22.00	64.734		
3,800.00	3,737.76	3,882.82	3,723.93	10.57	13.09	-165.32	713.18	-435.36	1,444.09	1,421.51	22.57	63.978		
3,900.00	3,835.80	3,977.02	3,813.13	10.84	13.43	-164.29	734.36	-413.72	1,464.57	1,441.42	23.15	63.252		
4,000.00	3,933.84	4,071.21	3,902.33	11.12	13.78	-163.29	755.55	-392.09	1,485.53	1,461.78	23.75	62.557		
4,100.00	4,031.88	4,165.41	3,991.52	11.40	14.13	-162.31	776.73	-370.45	1,506.95	1,482.60	24.35	61.892		
4,200.00	4,129.91	4,259.60	4,080.72	11.69	14.49	-161.36	797.91	-348.82	1,528.80	1,503.84	24.96	61.256		
4,300.00	4,227.95	4,353.80	4,169.92	11.98	14.85	-160.43	819.10	-327.19	1,551.07	1,525.50	25.57	60.650		
4,400.00	4,325.99	4,448.00	4,259.11	12.27	15.22	-159.53	840.28	-305.55	1,573.75	1,547.55	26.20	60.072		
4,500.00	4,424.03	4,542.19	4,348.31	12.57	15.59	-158.65	861.46	-283.92	1,596.81	1,569.98	26.83	59.520		
4,600.00	4,522.06	4,636.39	4,437.51	12.88	15.96	-157.80	882.65	-262.28	1,620.23	1,592.77	27.46	58.995		
4,700.00	4,620.10	4,730.58	4,526.70	13.18	16.33	-156.97	903.83	-240.65	1,644.01	1,615.90	28.11	58.494		
4,800.00	4,718.14	4,824.78	4,615.90	13.49	16.71	-156.16	925.02	-219.02	1,668.12	1,639.37	28.75	58.017		
4,900.00	4,816.17	4,918.97	4,705.10	13.80	17.09	-155.37	946.20	-197.38	1,692.56	1,663.16	29.40	57.563		
5,000.00	4,914.21	5,013.17	4,794.29	14.12	17.47	-154.61	967.38	-175.75	1,717.30	1,687.25	30.06	57.129		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,107.37	4,883.49	14.43	17.86	-153.86	988.57	-154.11	1,742.35	1,711.63	30.72	56.717		
5,200.00	5,110.29	5,201.56	4,972.69	14.75	18.24	-153.14	1,009.75	-132.48	1,767.67	1,736.29	31.38	56.323		
5,300.00	5,208.32	5,295.76	5,061.88	15.07	18.63	-152.43	1,030.93	-110.85	1,793.26	1,761.21	32.05	55.948		
5,400.00	5,306.36	5,389.95	5,151.08	15.40	19.02	-151.75	1,052.12	-89.21	1,819.12	1,786.39	32.72	55.590		
5,500.00	5,404.40	5,484.15	5,240.28	15.72	19.42	-151.08	1,073.30	-67.58	1,845.22	1,811.82	33.40	55.249		
5,600.00	5,502.44	5,578.34	5,329.47	16.05	19.81	-150.43	1,094.48	-45.94	1,871.56	1,837.49	34.08	54.923		
5,700.00	5,600.47	5,672.54	5,418.67	16.38	20.21	-149.80	1,115.67	-24.31	1,898.13	1,863.38	34.76	54.612		
5,800.00	5,698.51	5,766.74	5,507.87	16.71	20.60	-149.18	1,136.85	-2.68	1,924.92	1,889.48	35.44	54.315		
5,900.00	5,796.55	5,860.93	5,597.07	17.04	21.00	-148.58	1,158.03	18.96	1,951.92	1,915.79	36.13	54.031		
6,000.00	5,894.59	5,955.13	5,686.26	17.38	21.40	-148.00	1,179.22	40.59	1,979.12	1,942.30	36.81	53.760		
6,100.00	5,992.62	6,049.32	5,775.46	17.71	21.80	-147.43	1,200.40	62.22	2,006.51	1,969.01	37.50	53.500		
6,200.00	6,090.66	6,143.52	5,864.66	18.05	22.21	-146.88	1,221.58	83.86	2,034.09	1,995.89	38.20	53.252		
6,300.00	6,188.70	6,237.71	5,953.85	18.39	22.61	-146.34	1,242.77	105.49	2,061.84	2,022.95	38.89	53.014		
6,400.00	6,286.74	6,331.91	6,043.05	18.72	23.01	-145.81	1,263.95	127.13	2,089.77	2,050.18	39.59	52.786		
6,500.00	6,384.77	6,426.11	6,132.25	19.06	23.42	-145.30	1,285.14	148.76	2,117.86	2,077.57	40.29	52.568		
6,600.00	6,482.81	6,520.30	6,221.44	19.40	23.82	-144.80	1,306.32	170.39	2,146.11	2,105.12	40.99	52.358		
6,700.00	6,580.86	6,614.49	6,310.64	19.74	24.23	-144.41	1,327.50	192.03	2,174.49	2,132.80	41.69	52.160		
6,800.00	6,679.86	6,707.51	6,398.72	19.94	24.63	-144.08	1,348.42	213.39	2,200.01	2,157.72	42.29	52.022		
6,900.00	6,778.81	6,796.86	6,483.32	20.07	25.02	-143.80	1,368.51	233.91	2,220.36	2,177.56	42.80	51.882		
7,000.00	6,875.27	6,880.33	6,562.36	20.15	25.39	-143.56	1,387.28	253.08	2,235.74	2,192.54	43.20	51.754		
7,100.00	6,966.86	6,955.86	6,633.89	20.17	25.71	-143.41	1,404.27	270.43	2,246.65	2,203.15	43.50	51.645		
7,200.00	7,051.33	7,150.00	6,813.82	20.15	26.64	-143.33	1,447.08	327.92	2,253.70	2,209.22	44.47	50.676		
7,300.00	7,126.59	7,300.00	6,961.06	20.10	27.60	-143.33	1,482.38	427.85	2,254.04	2,208.65	45.39	49.663		
7,400.00	7,190.80	7,334.72	6,963.25	20.04	27.86	-143.33	1,482.91	429.25	2,254.87	2,209.31	45.56	49.493 SF		
7,500.00	7,242.38	7,291.89	6,931.26	19.99	27.55	-143.33	1,475.21	401.85	2,255.87	2,210.71	45.16	49.948		
7,600.00	7,280.05	7,246.20	6,895.24	19.97	27.23	-143.33	1,466.56	375.13	2,256.61	2,211.79	44.82	50.346		
7,700.00	7,302.88	7,199.58	6,856.65	19.99	26.93	-143.33	1,457.31	350.67	2,256.60	2,212.03	44.58	50.624		
7,800.00	7,310.32	7,152.65	6,816.15	20.09	26.65	-143.33	1,447.63	329.05	2,255.39	2,210.96	44.44	50.754		
7,884.16	7,309.02	7,116.84	6,784.26	20.29	26.46	-143.33	1,440.03	314.65	2,254.70	2,210.25	44.45	50.726		
7,900.00	7,307.40	7,109.88	6,777.98	20.33	26.42	-143.33	1,438.53	312.07	2,254.39	2,209.94	44.45	50.719		
8,000.00	7,304.23	7,077.14	6,748.05	20.77	26.26	-143.33	1,431.40	300.87	2,257.07	2,212.44	44.63	50.568		
8,100.00	7,301.05	7,050.00	6,722.85	21.38	26.13	-143.33	1,425.40	292.79	2,263.73	2,218.79	44.94	50.372		
8,200.00	7,297.88	7,030.95	6,704.96	22.15	26.04	-143.33	1,421.15	287.79	2,274.44	2,229.07	45.37	50.130		
8,300.00	7,294.71	7,011.07	6,686.17	23.03	25.96	-143.33	1,416.69	283.11	2,289.25	2,243.40	45.85	49.929		
8,400.00	7,291.54	6,985.03	6,661.51	24.00	25.84	-143.33	1,410.83	277.13	2,308.03	2,261.69	46.34	49.811		
8,500.00	7,288.36	6,958.98	6,636.84	25.05	25.73	-143.33	1,404.97	271.15	2,330.66	2,283.81	46.85	49.745		
8,600.00	7,285.19	6,932.94	6,612.18	26.17	25.61	-143.33	1,399.12	265.17	2,357.03	2,309.64	47.39	49.740		
8,700.00	7,282.02	6,906.89	6,587.52	27.34	25.50	-143.33	1,393.26	259.18	2,387.01	2,339.08	47.93	49.799		
8,800.00	7,278.85	6,880.85	6,562.86	28.57	25.39	-143.33	1,387.40	253.20	2,420.48	2,372.00	48.48	49.927		
8,900.00	7,275.67	6,854.80	6,538.19	29.84	25.27	-143.33	1,381.54	247.22	2,457.29	2,408.27	49.02	50.125		
9,000.00	7,272.50	6,828.76	6,513.53	31.14	25.16	-143.33	1,375.69	241.24	2,497.29	2,447.74	49.56	50.392		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	90.43	-1.82	239.99	240.00					
100.00	100.00	102.00	102.00	3.28	3.28	90.43	-1.82	239.99	240.00	232.47	7.53	31.876		
200.00	200.00	202.00	202.00	3.31	3.31	90.43	-1.82	239.99	240.00	232.42	7.57	31.684		
300.00	300.00	302.00	302.00	3.35	3.35	-32.83	-1.82	239.99	239.63	231.97	7.66	31.272		
400.00	399.93	396.58	396.56	3.41	3.41	-33.57	-0.60	241.07	237.85	230.07	7.78	30.571		
500.00	499.68	490.95	490.81	3.49	3.50	-35.34	2.93	244.22	235.51	227.58	7.94	29.678		
600.00	599.13	584.73	584.26	3.60	3.60	-38.14	8.74	249.38	233.03	224.90	8.13	28.667		
700.00	698.15	677.67	676.57	3.74	3.72	-41.96	16.75	256.51	231.05	222.69	8.36	27.629		
779.76	776.74	751.01	749.15	3.89	3.83	-45.71	24.65	263.53	230.43	221.85	8.58	26.850 CC		
800.00	796.63	769.51	767.41	3.93	3.86	-46.75	26.86	265.50	230.48	221.83	8.64	26.670 ES		
900.00	894.68	860.21	856.64	4.15	4.03	-52.18	38.98	276.27	233.10	224.13	8.97	25.986		
1,000.00	992.71	949.95	944.38	4.40	4.23	-57.67	53.03	288.78	241.00	231.66	9.34	25.790		
1,100.00	1,090.75	1,041.05	1,032.86	4.68	4.47	-63.06	69.27	303.22	254.15	244.38	9.77	26.001		
1,200.00	1,188.79	1,136.81	1,125.70	4.98	4.75	-68.19	86.81	318.82	270.30	260.02	10.28	26.288		
1,300.00	1,286.83	1,232.57	1,218.53	5.30	5.05	-72.75	104.35	334.42	288.44	277.61	10.82	26.651		
1,400.00	1,384.86	1,328.32	1,311.36	5.63	5.37	-76.76	121.89	350.02	308.20	296.81	11.39	27.049		
1,500.00	1,482.90	1,424.08	1,404.20	5.98	5.71	-80.30	139.43	365.62	329.31	317.33	11.98	27.483		
1,600.00	1,580.94	1,519.84	1,497.03	6.33	6.06	-83.42	156.97	381.22	351.51	338.92	12.59	27.909		
1,700.00	1,678.98	1,615.59	1,589.87	6.69	6.43	-86.17	174.51	396.82	374.62	361.39	13.22	28.327		
1,800.00	1,777.01	1,711.35	1,682.70	7.06	6.80	-88.61	192.05	412.42	398.47	384.60	13.87	28.730		
1,900.00	1,875.05	1,807.10	1,775.54	7.27	7.17	-90.77	209.59	428.02	422.94	408.80	14.14	29.904		
2,000.00	1,973.09	1,902.86	1,868.37	7.31	7.38	-92.70	227.13	443.62	447.93	433.75	14.18	31.593		
2,100.00	2,071.13	2,001.38	1,961.21	7.38	7.44	-94.43	244.67	459.22	473.35	459.08	14.27	33.166		
2,200.00	2,169.16	2,105.63	2,054.04	7.46	7.52	-95.99	262.21	474.82	499.15	484.74	14.41	34.642		
2,300.00	2,267.20	2,209.87	2,146.88	7.56	7.62	-97.39	279.75	490.42	525.26	510.68	14.58	36.022		
2,400.00	2,365.24	2,285.89	2,239.71	7.67	7.71	-98.66	297.29	506.02	551.64	536.87	14.76	37.362		
2,500.00	2,463.28	2,381.64	2,332.54	7.80	7.83	-99.82	314.83	521.62	578.25	563.26	14.99	38.570		
2,600.00	2,561.31	2,477.40	2,425.38	7.95	7.97	-100.88	332.37	537.22	605.06	589.82	15.25	39.679		
2,700.00	2,659.35	2,573.15	2,518.21	8.11	8.13	-101.84	349.91	552.82	632.06	616.52	15.53	40.689		
2,800.00	2,757.39	2,668.91	2,611.05	8.28	8.29	-102.73	367.45	568.42	659.20	643.36	15.84	41.604		
2,900.00	2,855.43	2,764.67	2,703.88	8.47	8.47	-103.55	384.99	584.02	686.49	670.31	16.18	42.427		
3,000.00	2,953.46	2,860.42	2,796.72	8.66	8.67	-104.31	402.53	599.62	713.89	697.35	16.54	43.163		
3,100.00	3,051.50	2,956.18	2,889.55	8.87	8.87	-105.01	420.07	615.22	741.40	724.48	16.92	43.818		
3,200.00	3,149.54	3,051.94	2,982.39	9.09	9.08	-105.66	437.61	630.82	769.01	751.69	17.32	44.398		
3,300.00	3,247.58	3,147.69	3,075.22	9.32	9.31	-106.27	455.15	646.42	796.71	778.97	17.74	44.910		
3,400.00	3,345.61	3,243.45	3,168.06	9.55	9.54	-106.83	472.69	662.02	824.48	806.30	18.18	45.358		
3,500.00	3,443.65	3,339.20	3,260.89	9.80	9.78	-107.36	490.23	677.62	852.32	833.69	18.63	45.749		
3,600.00	3,541.69	3,434.96	3,353.72	10.05	10.03	-107.86	507.77	693.22	880.22	861.13	19.10	46.089		
3,700.00	3,639.73	3,530.72	3,446.56	10.31	10.29	-108.32	525.31	708.82	908.19	888.61	19.58	46.382		
3,800.00	3,737.76	3,626.47	3,539.39	10.57	10.55	-108.76	542.85	724.42	936.20	916.13	20.08	46.634		
3,900.00	3,835.80	3,722.23	3,632.23	10.84	10.82	-109.17	560.39	740.01	964.26	943.68	20.58	46.849		
4,000.00	3,933.84	3,817.99	3,725.06	11.12	11.10	-109.56	577.93	755.61	992.37	971.27	21.10	47.031		
4,100.00	4,031.88	3,913.74	3,817.90	11.40	11.38	-109.93	595.47	771.21	1,020.51	998.88	21.63	47.184		
4,200.00	4,129.91	4,009.50	3,910.73	11.69	11.66	-110.28	613.01	786.81	1,048.69	1,026.53	22.17	47.311		
4,300.00	4,227.95	4,105.25	4,003.57	11.98	11.95	-110.61	630.55	802.41	1,076.91	1,054.20	22.71	47.415		
4,400.00	4,325.99	4,201.01	4,096.40	12.27	12.25	-110.92	648.09	818.01	1,105.16	1,081.89	23.27	47.499		
4,500.00	4,424.03	4,303.23	4,189.24	12.57	12.57	-111.22	665.63	833.61	1,133.43	1,109.59	23.85	47.526		
4,600.00	4,522.06	4,407.48	4,282.07	12.88	12.90	-111.50	683.17	849.21	1,161.74	1,137.29	24.44	47.527		
4,700.00	4,620.10	4,488.28	4,374.91	13.18	13.15	-111.77	700.71	864.81	1,190.07	1,165.09	24.98	47.650		
4,800.00	4,718.14	4,584.04	4,467.74	13.49	13.46	-112.03	718.25	880.41	1,218.42	1,192.86	25.56	47.673		
4,900.00	4,816.17	4,679.79	4,560.57	13.80	13.78	-112.27	735.79	896.01	1,246.79	1,220.64	26.15	47.686		
5,000.00	4,914.21	4,775.55	4,653.41	14.12	14.09	-112.51	753.33	911.61	1,275.18	1,248.44	26.74	47.690		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,012.25	4,871.30	4,746.24	14.43	14.41	-112.73	770.87	927.21	1,303.59	1,276.26	27.34	47.685		
5,200.00	5,110.29	4,967.06	4,839.08	14.75	14.73	-112.95	788.41	942.81	1,332.02	1,304.08	27.94	47.673		
5,300.00	5,208.32	5,062.82	4,931.91	15.07	15.05	-113.15	805.95	958.41	1,360.47	1,331.92	28.55	47.655		
5,400.00	5,306.36	5,158.57	5,024.75	15.40	15.37	-113.35	823.49	974.01	1,388.93	1,359.77	29.16	47.631		
5,500.00	5,404.40	5,254.33	5,117.58	15.72	15.70	-113.54	841.03	989.61	1,417.41	1,387.63	29.78	47.603		
5,600.00	5,502.44	5,350.09	5,210.42	16.05	16.03	-113.72	858.57	1,005.21	1,445.90	1,415.50	30.40	47.570		
5,700.00	5,600.47	5,445.84	5,303.25	16.38	16.36	-113.90	876.11	1,020.81	1,474.40	1,443.38	31.02	47.534		
5,800.00	5,698.51	5,541.60	5,396.09	16.71	16.69	-114.07	893.65	1,036.41	1,502.92	1,471.27	31.64	47.495		
5,900.00	5,796.55	5,637.36	5,488.92	17.04	17.02	-114.23	911.19	1,052.01	1,531.44	1,499.17	32.27	47.453		
6,000.00	5,894.59	5,733.11	5,581.75	17.38	17.36	-114.38	928.73	1,067.61	1,559.98	1,527.08	32.91	47.408		
6,100.00	5,992.62	5,828.87	5,674.59	17.71	17.70	-114.54	946.27	1,083.21	1,588.53	1,554.99	33.54	47.362		
6,200.00	6,090.66	5,924.62	5,767.42	18.05	18.03	-114.68	963.81	1,098.81	1,617.09	1,582.91	34.18	47.315		
6,300.00	6,188.70	6,020.38	5,860.26	18.39	18.37	-114.82	981.35	1,114.41	1,645.65	1,610.83	34.82	47.265		
6,400.00	6,286.74	6,116.14	5,953.09	18.72	18.71	-114.96	998.89	1,130.01	1,674.23	1,638.77	35.46	47.215		
6,500.00	6,384.77	6,211.89	6,045.93	19.06	19.05	-115.09	1,016.43	1,145.61	1,702.81	1,666.71	36.10	47.164		
6,600.00	6,482.81	6,307.65	6,138.76	19.40	19.40	-115.21	1,033.97	1,161.21	1,731.40	1,694.65	36.75	47.112		
6,700.00	6,580.86	6,403.40	6,231.60	19.74	19.74	-117.44	1,051.51	1,176.81	1,760.01	1,722.61	37.40	47.064		
6,800.00	6,679.86	6,501.39	6,323.90	19.94	20.09	-175.82	1,068.95	1,192.32	1,789.79	1,751.85	37.94	47.179		
6,900.00	6,778.81	6,591.19	6,413.65	20.07	20.41	128.55	1,085.91	1,207.40	1,821.26	1,782.89	38.37	47.462		
7,000.00	6,875.27	6,678.86	6,498.65	20.15	20.73	111.25	1,101.97	1,221.69	1,854.14	1,815.40	38.73	47.872		
7,100.00	6,966.86	6,815.00	6,631.91	20.17	21.09	104.03	1,127.28	1,239.66	1,887.21	1,848.06	39.15	48.210		
7,200.00	7,051.33	6,973.32	6,784.69	20.15	21.36	99.84	1,156.60	1,202.55	1,918.32	1,878.87	39.44	48.633		
7,300.00	7,126.59	7,155.96	6,946.31	20.10	21.48	96.90	1,188.05	1,124.97	1,945.89	1,906.27	39.62	49.118		
7,400.00	7,190.80	7,359.40	7,092.57	20.04	21.41	94.41	1,217.10	987.84	1,968.27	1,928.52	39.75	49.520		
7,500.00	7,242.38	7,570.59	7,191.57	19.99	21.21	91.92	1,237.56	803.52	1,984.24	1,944.17	40.07	49.515		
7,600.00	7,280.05	7,771.62	7,226.04	19.97	21.12	89.41	1,245.85	606.49	1,993.49	1,952.74	40.74	48.926		
7,700.00	7,302.88	7,880.77	7,224.27	19.99	21.44	87.98	1,246.47	497.36	1,998.10	1,956.64	41.46	48.191		
7,800.00	7,310.32	7,980.20	7,222.23	20.09	22.02	87.42	1,246.95	397.95	2,000.54	1,958.19	42.35	47.242		
7,900.00	7,307.40	8,080.19	7,220.18	20.33	22.75	87.43	1,247.43	297.99	2,001.39	1,957.94	43.45	46.064		
8,000.00	7,304.23	8,180.18	7,218.13	20.77	23.58	87.46	1,247.91	198.02	2,002.20	1,957.43	44.78	44.715		
8,100.00	7,301.05	8,280.17	7,216.07	21.38	24.49	87.50	1,248.39	98.05	2,003.02	1,956.70	46.31	43.250		
8,200.00	7,297.88	8,380.16	7,214.02	22.15	25.48	87.53	1,248.88	-1.92	2,003.83	1,955.79	48.04	41.715		
8,300.00	7,294.71	8,480.15	7,211.97	23.03	26.52	87.56	1,249.36	-101.88	2,004.64	1,954.72	49.93	40.152		
8,400.00	7,291.54	8,580.14	7,209.91	24.00	27.63	87.59	1,249.84	-201.85	2,005.46	1,953.49	51.97	38.591		
8,500.00	7,288.36	8,680.13	7,207.86	25.05	28.78	87.63	1,250.32	-301.82	2,006.27	1,952.13	54.14	37.058		
8,600.00	7,285.19	8,780.12	7,205.81	26.17	29.98	87.66	1,250.81	-401.79	2,007.09	1,950.66	56.43	35.569		
8,700.00	7,282.02	8,880.11	7,203.75	27.34	31.22	87.69	1,251.29	-501.76	2,007.91	1,949.09	58.82	34.137		
8,800.00	7,278.85	8,980.10	7,201.70	28.57	32.50	87.73	1,251.77	-601.72	2,008.72	1,947.42	61.30	32.768		
8,900.00	7,275.67	9,080.09	7,199.65	29.84	33.81	87.76	1,252.26	-701.69	2,009.54	1,945.68	63.86	31.466		
9,000.00	7,272.50	9,180.08	7,197.59	31.14	35.15	87.79	1,252.74	-801.66	2,010.36	1,943.86	66.50	30.232		
9,100.00	7,269.33	9,280.07	7,195.54	32.48	36.51	87.82	1,253.22	-901.63	2,011.18	1,941.99	69.19	29.067		
9,200.00	7,266.15	9,380.06	7,193.49	33.85	37.90	87.86	1,253.70	-1,001.59	2,012.00	1,940.06	71.94	27.967		
9,300.00	7,262.98	9,480.05	7,191.44	35.24	39.31	87.89	1,254.19	-1,101.56	2,012.82	1,938.08	74.74	26.931		
9,400.00	7,259.81	9,580.04	7,189.38	36.66	40.74	87.92	1,254.67	-1,201.53	2,013.64	1,936.05	77.58	25.954		
9,500.00	7,256.64	9,680.03	7,187.33	38.10	42.18	87.96	1,255.15	-1,301.50	2,014.46	1,933.99	80.47	25.035		
9,600.00	7,253.46	9,780.02	7,185.28	39.55	43.65	87.99	1,255.64	-1,401.47	2,015.28	1,931.90	83.38	24.169		
9,700.00	7,250.29	9,880.01	7,183.22	41.02	45.12	88.02	1,256.12	-1,501.43	2,016.11	1,929.78	86.33	23.353		
9,800.00	7,247.12	9,980.00	7,181.17	42.51	46.61	88.05	1,256.60	-1,601.40	2,016.93	1,927.62	89.31	22.584		
9,900.00	7,243.95	10,079.99	7,179.12	44.01	48.11	88.09	1,257.08	-1,701.37	2,017.75	1,925.45	92.31	21.859		
10,000.00	7,240.77	10,179.98	7,177.06	45.52	49.62	88.12	1,257.57	-1,801.34	2,018.58	1,923.25	95.33	21.174		
10,100.00	7,237.60	10,279.97	7,175.01	47.04	51.14	88.15	1,258.05	-1,901.30	2,019.40	1,921.03	98.38	20.527		
10,200.00	7,234.43	10,379.96	7,172.96	48.57	52.67	88.18	1,258.53	-2,001.27	2,020.23	1,918.79	101.44	19.915		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,479.95	7,170.90	50.11	54.21	88.22	1,259.01	-2,101.24	2,021.06	1,916.53	104.52	19.336		
10,400.00	7,228.08	10,579.94	7,168.85	51.66	55.75	88.25	1,259.50	-2,201.21	2,021.89	1,914.26	107.62	18.787		
10,500.00	7,224.91	10,679.93	7,166.80	53.21	57.30	88.28	1,259.98	-2,301.18	2,022.71	1,911.98	110.73	18.266		
10,600.00	7,221.74	10,779.92	7,164.74	54.78	58.86	88.31	1,260.46	-2,401.14	2,023.54	1,909.68	113.86	17.772		
10,700.00	7,218.56	10,879.91	7,162.69	56.34	60.43	88.35	1,260.95	-2,501.11	2,024.37	1,907.38	117.00	17.303		
10,800.00	7,215.39	10,979.90	7,160.64	57.92	62.00	88.38	1,261.43	-2,601.08	2,025.20	1,905.06	120.14	16.856		
10,900.00	7,212.22	11,079.89	7,158.58	59.50	63.57	88.41	1,261.91	-2,701.05	2,026.03	1,902.73	123.30	16.431		
11,000.00	7,209.05	11,179.88	7,156.53	61.08	65.15	88.44	1,262.39	-2,801.01	2,026.86	1,900.39	126.47	16.026		
11,100.00	7,205.87	11,279.87	7,154.48	62.67	66.74	88.48	1,262.88	-2,900.98	2,027.70	1,898.05	129.65	15.640		
11,200.00	7,202.70	11,379.86	7,152.42	64.26	68.32	88.51	1,263.36	-3,000.95	2,028.53	1,895.69	132.83	15.271		
11,300.00	7,199.53	11,479.85	7,150.37	65.86	69.92	88.54	1,263.84	-3,100.92	2,029.36	1,893.34	136.03	14.919		
11,400.00	7,196.36	11,579.84	7,148.32	67.46	71.51	88.57	1,264.33	-3,200.89	2,030.20	1,890.97	139.23	14.582		
11,500.00	7,193.18	11,679.83	7,146.26	69.06	73.11	88.60	1,264.81	-3,300.85	2,031.03	1,888.60	142.43	14.259		
11,600.00	7,190.01	11,779.82	7,144.21	70.67	74.71	88.64	1,265.29	-3,400.82	2,031.87	1,886.22	145.65	13.951		
11,700.00	7,186.84	11,879.81	7,142.16	72.28	76.32	88.67	1,265.77	-3,500.79	2,032.70	1,883.84	148.87	13.655		
11,800.00	7,183.66	11,979.80	7,140.11	73.89	77.93	88.70	1,266.26	-3,600.76	2,033.54	1,881.45	152.09	13.371		
11,900.00	7,180.49	12,079.79	7,138.05	75.50	79.54	88.73	1,266.74	-3,700.72	2,034.38	1,879.06	155.32	13.098		
12,000.00	7,177.32	12,179.78	7,136.00	77.12	81.15	88.76	1,267.22	-3,800.69	2,035.21	1,876.66	158.55	12.836		
12,100.00	7,174.15	12,279.77	7,133.95	78.74	82.77	88.80	1,267.70	-3,900.66	2,036.05	1,874.26	161.79	12.584		
12,200.00	7,170.97	12,379.76	7,131.89	80.36	84.38	88.83	1,268.19	-4,000.63	2,036.89	1,871.86	165.04	12.342		
12,300.00	7,167.80	12,479.75	7,129.84	81.99	86.00	88.86	1,268.67	-4,100.60	2,037.73	1,869.45	168.28	12.109		
12,400.00	7,164.63	12,579.74	7,127.79	83.61	87.63	88.89	1,269.15	-4,200.56	2,038.57	1,867.04	171.53	11.884		
12,500.00	7,161.46	12,679.73	7,125.73	85.24	89.25	88.92	1,269.64	-4,300.53	2,039.41	1,864.63	174.79	11.668		
12,600.00	7,158.28	12,779.72	7,123.68	86.87	90.88	88.96	1,270.12	-4,400.50	2,040.26	1,862.21	178.04	11.459		
12,700.00	7,155.11	12,879.71	7,121.63	88.50	92.50	88.99	1,270.60	-4,500.47	2,041.10	1,859.79	181.30	11.258		
12,800.00	7,151.94	12,979.70	7,119.57	90.13	94.13	89.02	1,271.08	-4,600.43	2,041.94	1,857.37	184.57	11.063		
12,900.00	7,148.76	13,079.69	7,117.52	91.76	95.76	89.05	1,271.57	-4,700.40	2,042.78	1,854.95	187.83	10.875		
13,000.00	7,145.59	13,179.68	7,115.47	93.40	97.39	89.08	1,272.05	-4,800.37	2,043.63	1,852.53	191.10	10.694		
13,100.00	7,142.42	13,279.67	7,113.41	95.03	99.03	89.12	1,272.53	-4,900.34	2,044.47	1,850.10	194.37	10.518		
13,200.00	7,139.25	13,379.66	7,111.36	96.67	100.66	89.15	1,273.01	-5,000.31	2,045.32	1,847.67	197.65	10.348		
13,300.00	7,136.07	13,479.65	7,109.31	98.31	102.30	89.18	1,273.50	-5,100.27	2,046.16	1,845.24	200.92	10.184		
13,400.00	7,132.90	13,579.64	7,107.25	99.95	103.93	89.21	1,273.98	-5,200.24	2,047.01	1,842.81	204.20	10.024		
13,500.00	7,129.73	13,679.63	7,105.20	101.59	105.57	89.24	1,274.46	-5,300.21	2,047.86	1,840.38	207.48	9.870		
13,600.00	7,126.56	13,779.62	7,103.15	103.23	107.21	89.27	1,274.95	-5,400.18	2,048.71	1,837.94	210.76	9.720		
13,700.00	7,123.38	13,879.61	7,101.09	104.87	108.85	89.31	1,275.43	-5,500.14	2,049.56	1,835.51	214.05	9.575		
13,800.00	7,120.21	13,979.60	7,099.04	106.51	110.49	89.34	1,275.91	-5,600.11	2,050.40	1,833.07	217.33	9.434		
13,900.00	7,117.04	14,079.59	7,096.99	108.16	112.13	89.37	1,276.39	-5,700.08	2,051.25	1,830.63	220.62	9.298		
14,000.00	7,113.87	14,179.58	7,094.93	109.80	113.77	89.40	1,276.88	-5,800.05	2,052.10	1,828.19	223.91	9.165		
14,100.00	7,110.69	14,279.57	7,092.88	111.45	115.42	89.43	1,277.36	-5,900.02	2,052.96	1,825.75	227.20	9.036		
14,200.00	7,107.52	14,379.56	7,090.83	113.10	117.06	89.46	1,277.84	-5,999.98	2,053.81	1,823.31	230.49	8.910		
14,300.00	7,104.35	14,479.55	7,088.77	114.74	118.71	89.49	1,278.33	-6,099.95	2,054.66	1,820.87	233.79	8.789		
14,400.00	7,101.17	14,579.54	7,086.72	116.39	120.35	89.53	1,278.81	-6,199.92	2,055.51	1,818.43	237.08	8.670		
14,500.00	7,098.00	14,679.53	7,084.67	118.04	122.00	89.56	1,279.29	-6,299.89	2,056.37	1,815.99	240.38	8.555		
14,600.00	7,094.83	14,779.52	7,082.62	119.69	123.65	89.59	1,279.77	-6,399.85	2,057.22	1,813.54	243.68	8.442		
14,700.00	7,091.66	14,879.51	7,080.56	121.34	125.29	89.62	1,280.26	-6,499.82	2,058.08	1,811.10	246.97	8.333		
14,800.00	7,088.48	14,979.50	7,078.51	122.99	126.94	89.65	1,280.74	-6,599.79	2,058.93	1,808.66	250.27	8.227		
14,900.00	7,085.31	15,079.49	7,076.46	124.64	128.59	89.68	1,281.22	-6,699.76	2,059.79	1,806.21	253.57	8.123		
15,000.00	7,082.14	15,179.48	7,074.40	126.29	130.24	89.71	1,281.70	-6,799.73	2,060.64	1,803.77	256.88	8.022		
15,100.00	7,078.97	15,279.47	7,072.35	127.94	131.89	89.74	1,282.19	-6,899.69	2,061.50	1,801.32	260.18	7.923		
15,200.00	7,075.79	15,379.46	7,070.30	129.60	133.54	89.78	1,282.67	-6,999.66	2,062.36	1,798.88	263.48	7.827		
15,300.00	7,072.62	15,479.45	7,068.24	131.25	135.20	89.81	1,283.15	-7,099.63	2,063.22	1,796.43	266.79	7.734		
15,400.00	7,069.45	15,579.44	7,066.19	132.90	136.85	89.84	1,283.64	-7,199.60	2,064.08	1,793.98	270.09	7.642		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	
15,500.00	7,066.27	15,679.43	7,064.14	134.55	138.50	89.87	1,284.12	-7,299.56	2,064.94	1,791.54	273.40	7.553
15,578.05	7,063.80	15,757.47	7,062.53	135.85	139.79	89.89	1,284.50	-7,377.59	2,065.61	1,789.63	275.97	7.485 SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.38	-1.46	219.94	219.95					
100.00	100.00	101.00	101.00	3.28	3.28	90.38	-1.46	219.94	219.95	212.42	7.53	29.214		
200.00	200.00	201.00	201.00	3.31	3.31	90.38	-1.46	219.94	219.95	212.37	7.57	29.039		
300.00	300.00	297.36	297.35	3.35	3.35	-93.06	-0.77	220.54	220.21	212.55	7.66	28.753		
400.00	399.93	392.38	392.28	3.41	3.41	-34.31	2.23	223.16	220.09	212.31	7.77	28.313		
500.00	499.68	486.93	486.56	3.49	3.50	-36.65	7.56	227.81	219.56	211.64	7.93	27.699		
600.00	599.13	580.74	579.83	3.60	3.60	-40.06	15.16	234.45	219.18	211.06	8.12	26.996		
606.87	605.94	587.15	586.18	3.61	3.61	-40.33	15.76	234.98	219.18	211.05	8.13	26.946	CC, ES	
700.00	698.15	673.56	671.73	3.74	3.73	-44.47	24.94	242.99	219.73	211.38	8.35	26.307		
800.00	796.63	765.13	761.94	3.93	3.88	-49.76	36.79	253.33	222.22	213.58	8.63	25.736		
900.00	894.68	855.42	850.34	4.15	4.07	-55.57	50.59	265.38	228.40	219.43	8.96	25.477		
1,000.00	992.71	944.61	937.06	4.40	4.29	-61.24	66.27	279.07	240.11	230.77	9.34	25.704		
1,100.00	1,090.75	1,037.19	1,026.51	4.68	4.56	-66.69	84.28	294.78	256.78	246.98	9.79	26.218		
1,200.00	1,188.79	1,132.56	1,118.59	4.98	4.86	-71.64	102.98	311.11	275.92	265.61	10.31	26.767		
1,300.00	1,286.83	1,227.92	1,210.66	5.30	5.19	-75.96	121.68	327.44	296.88	286.02	10.86	27.346		
1,400.00	1,384.86	1,323.29	1,302.74	5.63	5.54	-79.71	140.39	343.76	319.31	307.87	11.43	27.926		
1,500.00	1,482.90	1,418.65	1,394.82	5.98	5.90	-82.97	159.09	360.09	342.91	330.88	12.03	28.504		
1,600.00	1,580.94	1,514.01	1,486.89	6.33	6.27	-85.82	177.79	376.42	367.46	354.81	12.65	29.045		
1,700.00	1,678.98	1,609.38	1,578.97	6.69	6.66	-88.32	196.49	392.75	392.79	379.50	13.29	29.555		
1,800.00	1,777.01	1,704.74	1,671.04	7.06	7.05	-90.52	215.20	409.07	418.74	404.80	13.94	30.032		
1,900.00	1,875.05	1,800.11	1,763.12	7.27	7.45	-92.47	233.90	425.40	445.22	430.98	14.24	31.268		
2,000.00	1,973.09	1,895.47	1,855.19	7.31	7.68	-94.20	252.60	441.73	472.13	457.85	14.28	33.060		
2,100.00	2,071.13	2,009.17	1,947.27	7.38	7.76	-95.74	271.31	458.05	499.41	485.01	14.39	34.696		
2,200.00	2,169.16	2,086.20	2,039.35	7.46	7.83	-97.13	290.01	474.38	526.99	512.47	14.52	36.292		
2,300.00	2,267.20	2,181.56	2,131.42	7.56	7.92	-98.38	308.71	490.71	554.83	540.15	14.69	37.775		
2,400.00	2,365.24	2,276.93	2,223.50	7.67	8.03	-99.52	327.41	507.03	582.90	568.01	14.89	39.154		
2,500.00	2,463.28	2,372.29	2,315.57	7.80	8.16	-100.55	346.12	523.36	611.16	596.04	15.12	40.427		
2,600.00	2,561.31	2,467.66	2,407.65	7.95	8.31	-101.48	364.82	539.69	639.59	624.21	15.38	41.593		
2,700.00	2,659.35	2,563.02	2,499.72	8.11	8.47	-102.34	383.52	556.01	668.16	652.50	15.67	42.652		
2,800.00	2,757.39	2,658.38	2,591.80	8.28	8.64	-103.13	402.23	572.34	696.86	680.88	15.98	43.609		
2,900.00	2,855.43	2,753.75	2,683.88	8.47	8.82	-103.86	420.93	588.67	725.68	709.36	16.32	44.468		
3,000.00	2,953.46	2,849.11	2,775.95	8.66	9.02	-104.53	439.63	604.99	754.59	737.91	16.68	45.235		
3,100.00	3,051.50	2,944.48	2,868.03	8.87	9.23	-105.16	458.34	621.32	783.60	766.53	17.07	45.915		
3,200.00	3,149.54	3,039.84	2,960.10	9.09	9.45	-105.74	477.04	637.65	812.68	795.21	17.47	46.516		
3,300.00	3,247.58	3,135.20	3,052.18	9.32	9.68	-106.28	495.74	653.97	841.83	823.94	17.89	47.043		
3,400.00	3,345.61	3,230.57	3,144.25	9.55	9.92	-106.78	514.44	670.30	871.05	852.71	18.34	47.504		
3,500.00	3,443.65	3,325.93	3,236.33	9.80	10.17	-107.25	533.15	686.63	900.33	881.53	18.79	47.905		
3,600.00	3,541.69	3,421.30	3,328.41	10.05	10.42	-107.69	551.85	702.95	929.65	910.39	19.27	48.251		
3,700.00	3,639.73	3,516.66	3,420.48	10.31	10.69	-108.10	570.55	719.28	959.03	939.27	19.75	48.548		
3,800.00	3,737.76	3,612.02	3,512.56	10.57	10.96	-108.49	589.26	735.61	988.45	968.19	20.25	48.802		
3,900.00	3,835.80	3,707.39	3,604.63	10.84	11.23	-108.86	607.96	751.94	1,017.91	997.14	20.77	49.018		
4,000.00	3,933.84	3,802.75	3,696.71	11.12	11.52	-109.21	626.66	768.26	1,047.40	1,026.11	21.29	49.198		
4,100.00	4,031.88	3,898.12	3,788.78	11.40	11.81	-109.54	645.36	784.59	1,076.93	1,055.10	21.82	49.347		
4,200.00	4,129.91	4,006.52	3,880.86	11.69	12.14	-109.85	664.07	800.92	1,106.49	1,084.08	22.40	49.387		
4,300.00	4,227.95	4,088.84	3,972.94	11.98	12.40	-110.14	682.77	817.24	1,136.07	1,113.15	22.92	49.568		
4,400.00	4,325.99	4,184.21	4,065.01	12.27	12.70	-110.42	701.47	833.57	1,165.68	1,142.20	23.48	49.646		
4,500.00	4,424.03	4,279.57	4,157.09	12.57	13.01	-110.68	720.18	849.90	1,195.32	1,171.27	24.05	49.705		
4,600.00	4,522.06	4,374.94	4,249.16	12.88	13.32	-110.94	738.88	866.22	1,224.98	1,200.36	24.62	49.747		
4,700.00	4,620.10	4,470.30	4,341.24	13.18	13.63	-111.18	757.58	882.55	1,254.66	1,229.45	25.21	49.776		
4,800.00	4,718.14	4,565.67	4,433.31	13.49	13.95	-111.41	776.29	898.88	1,284.36	1,258.56	25.79	49.791		
4,900.00	4,816.17	4,661.03	4,525.39	13.80	14.27	-111.63	794.99	915.20	1,314.08	1,287.69	26.39	49.796		
5,000.00	4,914.21	4,756.39	4,617.47	14.12	14.59	-111.84	813.69	931.53	1,343.81	1,316.82	26.99	49.791		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	4,851.76	4,709.54	14.43	14.92	-112.04	832.39	947.86	1,373.56	1,345.96	27.59	49.778		
5,200.00	5,110.29	4,947.12	4,801.62	14.75	15.25	-112.23	851.10	964.18	1,403.32	1,375.12	28.20	49.757		
5,300.00	5,208.32	5,042.49	4,893.69	15.07	15.58	-112.41	869.80	980.51	1,433.10	1,404.28	28.82	49.730		
5,400.00	5,306.36	5,137.85	4,985.77	15.40	15.91	-112.59	888.50	996.84	1,462.89	1,433.46	29.44	49.698		
5,500.00	5,404.40	5,233.21	5,077.85	15.72	16.25	-112.76	907.21	1,013.16	1,492.69	1,462.64	30.06	49.660		
5,600.00	5,502.44	5,328.58	5,169.92	16.05	16.58	-112.92	925.91	1,029.49	1,522.51	1,491.83	30.68	49.619		
5,700.00	5,600.47	5,423.94	5,262.00	16.38	16.92	-113.08	944.61	1,045.82	1,552.33	1,521.02	31.31	49.574		
5,800.00	5,698.51	5,519.31	5,354.07	16.71	17.26	-113.23	963.31	1,062.14	1,582.17	1,550.22	31.95	49.526		
5,900.00	5,796.55	5,614.67	5,446.15	17.04	17.61	-113.38	982.02	1,078.47	1,612.02	1,579.43	32.58	49.475		
6,000.00	5,894.59	5,710.03	5,538.22	17.38	17.95	-113.52	1,000.72	1,094.80	1,641.87	1,608.65	33.22	49.422		
6,100.00	5,992.62	5,805.40	5,630.30	17.71	18.30	-113.65	1,019.42	1,111.13	1,671.73	1,637.87	33.86	49.368		
6,200.00	6,090.66	5,900.76	5,722.38	18.05	18.64	-113.78	1,038.13	1,127.45	1,701.60	1,667.10	34.51	49.311		
6,300.00	6,188.70	6,003.87	5,814.45	18.39	19.02	-113.91	1,056.83	1,143.78	1,731.48	1,696.30	35.18	49.216		
6,400.00	6,286.74	6,108.51	5,906.53	18.72	19.40	-114.03	1,075.53	1,160.11	1,761.37	1,725.51	35.86	49.115		
6,500.00	6,384.77	6,186.85	5,998.60	19.06	19.69	-114.15	1,094.24	1,176.43	1,791.26	1,754.81	36.46	49.136		
6,600.00	6,482.81	6,282.22	6,090.68	19.40	20.04	-114.26	1,112.94	1,192.76	1,821.16	1,784.05	37.11	49.076		
6,700.00	6,580.86	6,377.58	6,182.75	19.74	20.40	-116.48	1,131.64	1,209.09	1,851.08	1,813.31	37.76	49.019		
6,800.00	6,679.86	6,494.07	6,295.73	19.94	20.78	-117.03	1,154.60	1,225.24	1,882.02	1,843.66	38.36	49.061		
6,900.00	6,778.81	6,632.67	6,431.13	20.07	21.09	128.76	1,182.16	1,218.81	1,912.83	1,873.99	38.84	49.247		
7,000.00	6,875.27	6,772.01	6,562.64	20.15	21.27	110.54	1,208.98	1,182.42	1,942.48	1,903.34	39.14	49.628		
7,100.00	6,966.86	6,910.33	6,682.43	20.17	21.33	101.59	1,233.47	1,118.32	1,970.26	1,930.96	39.30	50.137		
7,200.00	7,051.33	7,045.93	6,784.01	20.15	21.30	95.63	1,254.29	1,031.34	1,995.55	1,956.17	39.38	50.671		
7,300.00	7,126.59	7,177.32	6,863.09	20.10	21.20	91.09	1,270.57	927.99	2,017.82	1,978.33	39.49	51.097		
7,400.00	7,190.80	7,303.36	6,917.89	20.04	21.07	87.44	1,281.93	815.28	2,036.64	1,996.95	39.69	51.308		
7,500.00	7,242.38	7,423.39	6,948.92	19.99	20.94	84.50	1,288.45	699.69	2,051.68	2,011.63	40.05	51.222		
7,600.00	7,280.05	7,537.15	6,958.22	19.97	20.90	82.16	1,290.55	586.49	2,062.69	2,022.12	40.58	50.833		
7,700.00	7,302.88	7,635.65	6,955.74	19.99	21.14	80.64	1,290.23	488.02	2,069.69	2,028.43	41.27	50.154		
7,800.00	7,310.32	7,735.03	6,953.09	20.09	21.71	80.05	1,289.87	388.67	2,072.60	2,030.44	42.16	49.157		
7,900.00	7,307.40	7,835.03	6,950.43	20.33	22.45	80.05	1,289.51	288.71	2,072.60	2,029.32	43.28	47.887		
8,000.00	7,304.23	7,935.03	6,947.77	20.77	23.29	80.06	1,289.15	188.75	2,072.54	2,027.91	44.62	46.446		
8,100.00	7,301.05	8,035.03	6,945.10	21.38	24.22	80.08	1,288.80	88.79	2,072.47	2,026.30	46.17	44.891		
8,200.00	7,297.88	8,135.03	6,942.44	22.15	25.22	80.09	1,288.44	-11.17	2,072.40	2,024.51	47.89	43.270		
8,300.00	7,294.71	8,235.03	6,939.77	23.03	26.28	80.11	1,288.08	-111.14	2,072.34	2,022.55	49.79	41.625		
8,400.00	7,291.54	8,335.02	6,937.11	24.00	27.40	80.12	1,287.72	-211.10	2,072.27	2,020.44	51.82	39.986		
8,500.00	7,288.36	8,435.02	6,934.44	25.05	28.57	80.13	1,287.36	-311.06	2,072.20	2,018.21	53.99	38.379		
8,600.00	7,285.19	8,535.02	6,931.78	26.17	29.78	80.15	1,287.00	-411.02	2,072.14	2,015.86	56.27	36.822		
8,700.00	7,282.02	8,635.02	6,929.11	27.34	31.03	80.16	1,286.64	-510.99	2,072.07	2,013.41	58.66	35.325		
8,800.00	7,278.85	8,735.02	6,926.45	28.57	32.32	80.18	1,286.28	-610.95	2,072.00	2,010.87	61.13	33.895		
8,900.00	7,275.67	8,835.02	6,923.78	29.84	33.64	80.19	1,285.93	-710.91	2,071.94	2,008.26	63.68	32.537		
9,000.00	7,272.50	8,935.02	6,921.12	31.14	34.99	80.20	1,285.57	-810.87	2,071.87	2,005.57	66.30	31.251		
9,100.00	7,269.33	9,035.02	6,918.46	32.48	36.36	80.22	1,285.21	-910.84	2,071.80	2,002.83	68.98	30.036		
9,200.00	7,266.15	9,135.01	6,915.79	33.85	37.75	80.23	1,284.85	-1,010.80	2,071.74	2,000.03	71.71	28.889		
9,300.00	7,262.98	9,235.01	6,913.13	35.24	39.17	80.25	1,284.49	-1,110.76	2,071.67	1,997.18	74.49	27.810		
9,400.00	7,259.81	9,335.01	6,910.46	36.66	40.60	80.26	1,284.13	-1,210.73	2,071.61	1,994.29	77.32	26.793		
9,500.00	7,256.64	9,435.01	6,907.80	38.10	42.06	80.27	1,283.77	-1,310.69	2,071.54	1,991.36	80.18	25.835		
9,600.00	7,253.46	9,535.01	6,905.13	39.55	43.52	80.29	1,283.41	-1,410.65	2,071.48	1,988.40	83.08	24.933		
9,700.00	7,250.29	9,635.01	6,902.47	41.02	45.00	80.30	1,283.06	-1,510.61	2,071.41	1,985.40	86.01	24.084		
9,800.00	7,247.12	9,735.01	6,899.80	42.51	46.49	80.32	1,282.70	-1,610.58	2,071.35	1,982.38	88.96	23.283		
9,900.00	7,243.95	9,835.00	6,897.14	44.01	48.00	80.33	1,282.34	-1,710.54	2,071.28	1,979.34	91.95	22.527		
10,000.00	7,240.77	9,935.00	6,894.47	45.52	49.51	80.34	1,281.98	-1,810.50	2,071.22	1,976.27	94.95	21.814		
10,100.00	7,237.60	10,035.00	6,891.81	47.04	51.04	80.36	1,281.62	-1,910.46	2,071.15	1,973.18	97.97	21.140		
10,200.00	7,234.43	10,135.00	6,889.15	48.57	52.57	80.37	1,281.26	-2,010.43	2,071.09	1,970.07	101.02	20.503		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,235.00	6,886.48	50.11	54.11	80.39	1,280.90	-2,110.39	2,071.02	1,966.95	104.07	19.899		
10,400.00	7,228.08	10,335.00	6,883.82	51.66	55.66	80.40	1,280.54	-2,210.35	2,070.96	1,963.81	107.15	19.328		
10,500.00	7,224.91	10,435.00	6,881.15	53.21	57.21	80.41	1,280.19	-2,310.31	2,070.90	1,960.66	110.24	18.785		
10,600.00	7,221.74	10,535.00	6,878.49	54.78	58.77	80.43	1,279.83	-2,410.28	2,070.83	1,957.49	113.34	18.271		
10,700.00	7,218.56	10,634.99	6,875.82	56.34	60.34	80.44	1,279.47	-2,510.24	2,070.77	1,954.31	116.46	17.781		
10,800.00	7,215.39	10,734.99	6,873.16	57.92	61.91	80.46	1,279.11	-2,610.20	2,070.70	1,951.12	119.58	17.316		
10,900.00	7,212.22	10,834.99	6,870.49	59.50	63.49	80.47	1,278.75	-2,710.16	2,070.64	1,947.92	122.72	16.873		
11,000.00	7,209.05	10,934.99	6,867.83	61.08	65.07	80.48	1,278.39	-2,810.13	2,070.58	1,944.71	125.86	16.451		
11,100.00	7,205.87	11,034.99	6,865.16	62.67	66.66	80.50	1,278.03	-2,910.09	2,070.51	1,941.49	129.02	16.048		
11,200.00	7,202.70	11,134.99	6,862.50	64.26	68.25	80.51	1,277.67	-3,010.05	2,070.45	1,938.27	132.18	15.664		
11,300.00	7,199.53	11,234.99	6,859.84	65.86	69.84	80.52	1,277.32	-3,110.01	2,070.39	1,935.03	135.35	15.296		
11,400.00	7,196.36	11,334.99	6,857.17	67.46	71.44	80.54	1,276.96	-3,209.98	2,070.32	1,931.79	138.53	14.945		
11,500.00	7,193.18	11,434.98	6,854.51	69.06	73.04	80.55	1,276.60	-3,309.94	2,070.26	1,928.55	141.71	14.609		
11,600.00	7,190.01	11,534.98	6,851.84	70.67	74.64	80.57	1,276.24	-3,409.90	2,070.20	1,925.29	144.90	14.287		
11,700.00	7,186.84	11,634.98	6,849.18	72.28	76.25	80.58	1,275.88	-3,509.86	2,070.13	1,922.04	148.10	13.978		
11,800.00	7,183.66	11,734.98	6,846.51	73.89	77.85	80.59	1,275.52	-3,609.83	2,070.07	1,918.77	151.30	13.682		
11,900.00	7,180.49	11,834.98	6,843.85	75.50	79.47	80.61	1,275.16	-3,709.79	2,070.01	1,915.50	154.51	13.398		
12,000.00	7,177.32	11,934.98	6,841.18	77.12	81.08	80.62	1,274.80	-3,809.75	2,069.95	1,912.23	157.72	13.124		
12,100.00	7,174.15	12,034.98	6,838.52	78.74	82.70	80.64	1,274.44	-3,909.71	2,069.89	1,908.95	160.93	12.862		
12,200.00	7,170.97	12,134.98	6,835.86	80.36	84.31	80.65	1,274.09	-4,009.68	2,069.82	1,905.67	164.15	12.609		
12,300.00	7,167.80	12,234.97	6,833.19	81.99	85.93	80.66	1,273.73	-4,109.64	2,069.76	1,902.38	167.38	12.366		
12,400.00	7,164.63	12,334.97	6,830.53	83.61	87.56	80.68	1,273.37	-4,209.60	2,069.70	1,899.09	170.61	12.131		
12,500.00	7,161.46	12,434.97	6,827.86	85.24	89.18	80.69	1,273.01	-4,309.56	2,069.64	1,895.80	173.84	11.905		
12,600.00	7,158.28	12,534.97	6,825.20	86.87	90.81	80.71	1,272.65	-4,409.53	2,069.58	1,892.50	177.07	11.688		
12,700.00	7,155.11	12,634.97	6,822.53	88.50	92.43	80.72	1,272.29	-4,509.49	2,069.51	1,889.20	180.31	11.477		
12,800.00	7,151.94	12,734.97	6,819.87	90.13	94.06	80.73	1,271.93	-4,609.45	2,069.45	1,885.90	183.55	11.274		
12,900.00	7,148.76	12,834.97	6,817.20	91.76	95.69	80.75	1,271.57	-4,709.41	2,069.39	1,882.59	186.80	11.078		
13,000.00	7,145.59	12,934.96	6,814.54	93.40	97.32	80.76	1,271.22	-4,809.38	2,069.33	1,879.28	190.05	10.889		
13,100.00	7,142.42	13,034.96	6,811.87	95.03	98.96	80.78	1,270.86	-4,909.34	2,069.27	1,875.97	193.30	10.705		
13,200.00	7,139.25	13,134.96	6,809.21	96.67	100.59	80.79	1,270.50	-5,009.30	2,069.21	1,872.66	196.55	10.528		
13,300.00	7,136.07	13,234.96	6,806.55	98.31	102.23	80.80	1,270.14	-5,109.26	2,069.15	1,869.34	199.80	10.356		
13,400.00	7,132.90	13,334.96	6,803.88	99.95	103.86	80.82	1,269.78	-5,209.23	2,069.09	1,866.03	203.06	10.189		
13,500.00	7,129.73	13,434.96	6,801.22	101.59	105.50	80.83	1,269.42	-5,309.19	2,069.03	1,862.71	206.32	10.028		
13,600.00	7,126.56	13,534.96	6,798.55	103.23	107.14	80.85	1,269.06	-5,409.15	2,068.97	1,859.38	209.58	9.872		
13,700.00	7,123.38	13,634.96	6,795.89	104.87	108.78	80.86	1,268.70	-5,509.12	2,068.91	1,856.06	212.85	9.720		
13,800.00	7,120.21	13,734.95	6,793.22	106.51	110.42	80.87	1,268.35	-5,609.08	2,068.85	1,852.73	216.11	9.573		
13,900.00	7,117.04	13,834.95	6,790.56	108.16	112.06	80.89	1,267.99	-5,709.04	2,068.79	1,849.41	219.38	9.430		
14,000.00	7,113.87	13,934.95	6,787.89	109.80	113.70	80.90	1,267.63	-5,809.00	2,068.73	1,846.08	222.65	9.291		
14,100.00	7,110.69	14,034.95	6,785.23	111.45	115.35	80.92	1,267.27	-5,908.97	2,068.67	1,842.75	225.92	9.157		
14,200.00	7,107.52	14,134.95	6,782.56	113.10	116.99	80.93	1,266.91	-6,008.93	2,068.61	1,839.42	229.19	9.026		
14,300.00	7,104.35	14,234.95	6,779.90	114.74	118.64	80.94	1,266.55	-6,108.89	2,068.55	1,836.08	232.47	8.898		
14,400.00	7,101.17	14,334.95	6,777.24	116.39	120.28	80.96	1,266.19	-6,208.85	2,068.49	1,832.75	235.74	8.774		
14,500.00	7,098.00	14,434.95	6,774.57	118.04	121.93	80.97	1,265.83	-6,308.82	2,068.43	1,829.41	239.02	8.654		
14,600.00	7,094.83	14,534.94	6,771.91	119.69	123.58	80.99	1,265.48	-6,408.78	2,068.37	1,826.07	242.30	8.536		
14,700.00	7,091.66	14,634.94	6,769.24	121.34	125.22	81.00	1,265.12	-6,508.74	2,068.31	1,822.73	245.58	8.422		
14,800.00	7,088.48	14,734.94	6,766.58	122.99	126.87	81.01	1,264.76	-6,608.70	2,068.25	1,819.39	248.86	8.311		
14,900.00	7,085.31	14,834.94	6,763.91	124.64	128.52	81.03	1,264.40	-6,708.67	2,068.19	1,816.05	252.14	8.202		
15,000.00	7,082.14	14,934.94	6,761.25	126.29	130.17	81.04	1,264.04	-6,808.63	2,068.14	1,812.71	255.43	8.097		
15,100.00	7,078.97	15,034.94	6,758.58	127.94	131.82	81.06	1,263.68	-6,908.59	2,068.08	1,809.37	258.71	7.994		
15,200.00	7,075.79	15,134.94	6,755.92	129.60	133.47	81.07	1,263.32	-7,008.55	2,068.02	1,806.02	262.00	7.893		
15,300.00	7,072.62	15,234.94	6,753.25	131.25	135.12	81.08	1,262.96	-7,108.52	2,067.96	1,802.68	265.28	7.795		
15,400.00	7,069.45	15,334.93	6,750.59	132.90	136.77	81.10	1,262.61	-7,208.48	2,067.90	1,799.33	268.57	7.700		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
15,500.00	7,066.27	15,434.93	6,747.93	134.55	138.42	81.11	1,262.25	-7,308.44	2,067.84	1,795.98	271.86	7.606	
15,578.05	7,063.80	15,512.98	6,745.85	135.85	139.71	81.12	1,261.97	-7,386.46	2,067.80	1,793.37	274.42	7.535 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	90.40	-1.82	260.03	260.04					
100.00	100.00	102.00	102.00	3.28	3.28	90.40	-1.82	260.03	260.04	252.51	7.53	34.538		
200.00	200.00	202.00	202.00	3.31	3.31	90.40	-1.82	260.03	260.04	252.47	7.57	34.331		
300.00	300.00	296.70	296.68	3.35	3.35	-33.13	-0.52	261.02	260.71	253.05	7.66	34.044		
400.00	399.93	391.25	391.11	3.41	3.41	-34.36	3.26	263.89	260.89	253.12	7.77	33.565		
500.00	499.68	485.25	484.78	3.49	3.50	-36.52	9.48	268.61	260.50	252.57	7.93	32.864		
600.00	599.13	578.42	577.32	3.60	3.61	-39.60	18.06	275.12	260.06	251.94	8.12	32.024		
629.58	628.47	605.78	604.42	3.64	3.64	-40.68	21.03	277.38	260.03	251.84	8.19	31.764	CC, ES	
700.00	698.15	670.47	668.36	3.74	3.73	-43.54	28.88	283.34	260.31	251.95	8.36	31.146		
800.00	796.63	761.16	757.58	3.93	3.89	-48.25	41.82	293.16	262.17	253.53	8.64	30.339		
900.00	894.68	850.44	844.87	4.15	4.08	-53.47	56.74	304.49	267.39	258.42	8.97	29.797		
1,000.00	992.71	938.53	930.38	4.40	4.30	-58.67	73.59	317.27	277.93	268.58	9.35	29.724		
1,100.00	1,090.75	1,029.67	1,018.24	4.68	4.57	-63.82	92.88	331.91	293.49	283.69	9.80	29.960		
1,200.00	1,188.79	1,124.47	1,109.55	4.98	4.88	-68.66	113.19	347.33	311.80	301.49	10.31	30.253		
1,300.00	1,286.83	1,219.27	1,200.85	5.30	5.21	-72.97	133.49	362.74	332.15	321.30	10.85	30.614		
1,400.00	1,384.86	1,314.06	1,292.15	5.63	5.57	-76.79	153.80	378.15	354.21	342.79	11.42	31.016		
1,500.00	1,482.90	1,408.86	1,383.46	5.98	5.93	-80.17	174.10	393.56	377.66	365.65	12.01	31.441		
1,600.00	1,580.94	1,503.65	1,474.76	6.33	6.31	-83.17	194.41	408.98	402.27	389.65	12.63	31.861		
1,700.00	1,678.98	1,601.55	1,566.06	6.69	6.72	-85.83	214.71	424.39	427.83	414.57	13.27	32.252		
1,800.00	1,777.01	1,706.76	1,657.37	7.06	7.16	-88.19	235.02	439.80	454.19	440.25	13.94	32.576		
1,900.00	1,875.05	1,788.04	1,748.67	7.27	7.51	-90.31	255.33	455.21	481.21	467.02	14.19	33.915		
2,000.00	1,973.09	1,882.84	1,839.98	7.31	7.77	-92.20	275.63	470.63	508.79	494.55	14.24	35.723		
2,100.00	2,071.13	1,977.63	1,931.28	7.38	7.86	-93.90	295.94	486.04	536.84	522.48	14.36	37.381		
2,200.00	2,169.16	2,072.43	2,022.58	7.46	7.94	-95.43	316.24	501.45	565.29	550.81	14.49	39.018		
2,300.00	2,267.20	2,167.22	2,113.89	7.56	8.03	-96.82	336.55	516.86	594.09	579.44	14.65	40.556		
2,400.00	2,365.24	2,262.02	2,205.19	7.67	8.15	-98.08	356.85	532.28	623.18	608.34	14.84	41.988		
2,500.00	2,463.28	2,356.81	2,296.49	7.80	8.28	-99.23	377.16	547.69	652.53	637.46	15.07	43.309		
2,600.00	2,561.31	2,451.61	2,387.80	7.95	8.42	-100.28	397.46	563.10	682.10	666.78	15.32	44.519		
2,700.00	2,659.35	2,546.41	2,479.10	8.11	8.58	-101.25	417.77	578.51	711.87	696.27	15.60	45.619		
2,800.00	2,757.39	2,641.20	2,570.41	8.28	8.75	-102.14	438.08	593.93	741.81	725.90	15.91	46.612		
2,900.00	2,855.43	2,736.00	2,661.71	8.47	8.94	-102.96	458.38	609.34	771.90	755.65	16.25	47.502		
3,000.00	2,953.46	2,830.79	2,753.01	8.66	9.14	-103.72	478.69	624.75	802.13	785.52	16.61	48.295		
3,100.00	3,051.50	2,925.59	2,844.32	8.87	9.35	-104.42	498.99	640.16	832.48	815.49	16.99	48.998		
3,200.00	3,149.54	3,020.38	2,935.62	9.09	9.57	-105.08	519.30	655.58	862.93	845.54	17.39	49.618		
3,300.00	3,247.58	3,115.18	3,026.92	9.32	9.80	-105.69	539.60	670.99	893.48	875.67	17.81	50.161		
3,400.00	3,345.61	3,209.98	3,118.23	9.55	10.04	-106.26	559.91	686.40	924.12	905.87	18.25	50.637		
3,500.00	3,443.65	3,304.77	3,209.53	9.80	10.29	-106.80	580.22	701.81	954.84	936.13	18.71	51.045		
3,600.00	3,541.69	3,399.57	3,300.84	10.05	10.55	-107.30	600.52	717.23	985.63	966.45	19.18	51.398		
3,700.00	3,639.73	3,494.36	3,392.14	10.31	10.81	-107.77	620.83	732.64	1,016.48	996.82	19.66	51.700		
3,800.00	3,737.76	3,589.16	3,483.44	10.57	11.09	-108.22	641.13	748.05	1,047.39	1,027.23	20.16	51.956		
3,900.00	3,835.80	3,683.96	3,574.75	10.84	11.36	-108.63	661.44	763.46	1,078.36	1,057.69	20.67	52.172		
4,000.00	3,933.84	3,778.75	3,666.05	11.12	11.65	-109.03	681.74	778.88	1,109.37	1,088.18	21.19	52.352		
4,100.00	4,031.88	3,873.55	3,757.35	11.40	11.94	-109.40	702.05	794.29	1,140.43	1,118.71	21.72	52.500		
4,200.00	4,129.91	3,968.34	3,848.66	11.69	12.23	-109.76	722.36	809.70	1,171.54	1,149.27	22.26	52.620		
4,300.00	4,227.95	4,063.14	3,939.96	11.98	12.54	-110.09	742.66	825.11	1,202.68	1,179.86	22.81	52.716		
4,400.00	4,325.99	4,157.93	4,031.27	12.27	12.84	-110.41	762.97	840.53	1,233.85	1,210.48	23.37	52.789		
4,500.00	4,424.03	4,252.73	4,122.57	12.57	13.15	-110.72	783.27	855.94	1,265.06	1,241.12	23.94	52.844		
4,600.00	4,522.06	4,347.53	4,213.87	12.88	13.46	-111.01	803.58	871.35	1,296.30	1,271.79	24.51	52.881		
4,700.00	4,620.10	4,442.32	4,305.18	13.18	13.78	-111.28	823.88	886.76	1,327.57	1,302.48	25.09	52.904		
4,800.00	4,718.14	4,537.12	4,396.48	13.49	14.10	-111.54	844.19	902.18	1,358.87	1,333.19	25.68	52.914		
4,900.00	4,816.17	4,631.91	4,487.78	13.80	14.42	-111.80	864.50	917.59	1,390.19	1,363.91	26.27	52.912		
5,000.00	4,914.21	4,726.71	4,579.09	14.12	14.75	-112.04	884.80	933.00	1,421.53	1,394.66	26.87	52.901		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-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	5,012.25	4,821.50	4,670.39	14.43	15.08	-112.26	905.11	948.41	1,452.90	1,425.42	27.47	52.881		
5,200.00	5,110.29	4,916.30	4,761.70	14.75	15.41	-112.48	925.41	963.83	1,484.28	1,456.20	28.08	52.853		
5,300.00	5,208.32	5,011.10	4,853.00	15.07	15.74	-112.70	945.72	979.24	1,515.69	1,486.99	28.70	52.819		
5,400.00	5,306.36	5,105.89	4,944.30	15.40	16.08	-112.90	966.02	994.65	1,547.11	1,517.80	29.31	52.780		
5,500.00	5,404.40	5,200.69	5,035.61	15.72	16.41	-113.09	986.33	1,010.06	1,578.55	1,548.61	29.93	52.735		
5,600.00	5,502.44	5,304.52	5,126.91	16.05	16.79	-113.28	1,006.64	1,025.48	1,610.00	1,579.41	30.59	52.635		
5,700.00	5,600.47	5,409.72	5,218.21	16.38	17.17	-113.46	1,026.94	1,040.89	1,641.47	1,610.22	31.25	52.524		
5,800.00	5,698.51	5,485.07	5,309.52	16.71	17.44	-113.63	1,047.25	1,056.30	1,672.95	1,641.14	31.82	52.579		
5,900.00	5,796.55	5,579.87	5,400.82	17.04	17.79	-113.80	1,067.55	1,071.71	1,704.45	1,672.00	32.45	52.521		
6,000.00	5,894.59	5,674.67	5,492.13	17.38	18.13	-113.96	1,087.86	1,087.13	1,735.96	1,702.87	33.09	52.461		
6,100.00	5,992.62	5,769.46	5,583.43	17.71	18.48	-114.11	1,108.16	1,102.54	1,767.48	1,733.75	33.73	52.399		
6,200.00	6,090.66	5,864.26	5,674.73	18.05	18.83	-114.26	1,128.47	1,117.95	1,799.01	1,764.64	34.37	52.336		
6,300.00	6,188.70	5,959.05	5,766.04	18.39	19.18	-114.41	1,148.77	1,133.36	1,830.55	1,795.53	35.02	52.272		
6,400.00	6,286.74	6,053.85	5,857.34	18.72	19.53	-114.55	1,169.08	1,148.78	1,862.11	1,826.44	35.67	52.206		
6,500.00	6,384.77	6,148.65	5,948.64	19.06	19.89	-114.68	1,189.39	1,164.19	1,893.67	1,857.35	36.32	52.140		
6,600.00	6,482.81	6,243.44	6,039.95	19.40	20.24	-114.81	1,209.69	1,179.60	1,925.24	1,888.27	36.97	52.074		
6,700.00	6,580.86	6,338.24	6,131.25	19.74	20.60	-117.06	1,230.00	1,195.01	1,956.83	1,919.20	37.62	52.011		
6,800.00	6,679.86	6,432.47	6,222.02	19.94	20.95	-117.78	1,250.18	1,210.34	1,989.62	1,951.46	38.16	52.139		
6,900.00	6,778.81	6,524.09	6,310.26	20.07	21.30	128.19	1,269.81	1,225.23	2,024.07	1,985.46	38.61	52.423		
7,000.00	6,875.27	6,626.16	6,408.76	20.15	21.66	110.65	1,291.73	1,240.45	2,059.67	2,020.65	39.02	52.781		
7,100.00	6,966.86	6,721.10	6,508.87	20.17	22.03	102.88	1,323.32	1,238.06	2,094.45	2,055.01	39.45	53.096		
7,200.00	7,051.33	6,935.89	6,704.78	20.15	22.28	98.10	1,358.34	1,195.84	2,126.66	2,086.91	39.75	53.500		
7,300.00	7,126.59	7,120.28	6,858.96	20.10	22.37	94.54	1,393.61	1,102.30	2,154.83	2,114.88	39.95	53.940		
7,400.00	7,190.80	7,317.65	6,987.60	20.04	22.28	91.49	1,423.60	956.73	2,177.63	2,137.47	40.16	54.221		
7,500.00	7,242.38	7,515.07	7,066.73	19.99	22.04	88.65	1,442.78	777.75	2,194.22	2,153.63	40.59	54.059		
7,600.00	7,280.05	7,699.21	7,089.11	19.97	21.75	86.05	1,449.29	595.74	2,204.51	2,163.21	41.30	53.379		
7,700.00	7,302.88	7,801.92	7,086.51	19.99	21.85	84.65	1,449.52	496.90	2,210.34	2,168.32	42.02	52.606		
7,800.00	7,310.32	7,902.55	7,083.87	20.09	22.50	84.07	1,449.75	397.57	2,213.14	2,170.20	42.93	51.550		
7,900.00	7,307.40	7,997.44	7,081.21	20.33	23.23	84.07	1,449.98	297.61	2,213.74	2,169.73	44.01	50.296		
8,000.00	7,304.23	8,102.56	7,078.55	20.77	24.14	84.09	1,450.21	197.65	2,214.29	2,168.90	45.40	48.776		
8,100.00	7,301.05	8,202.56	7,075.89	21.38	25.08	84.10	1,450.44	97.68	2,214.85	2,167.90	46.94	47.181		
8,200.00	7,297.88	8,302.57	7,073.23	22.15	26.08	84.11	1,450.67	-2.28	2,215.40	2,166.72	48.67	45.515		
8,300.00	7,294.71	8,402.57	7,070.58	23.03	27.14	84.13	1,450.90	-102.24	2,215.95	2,165.38	50.57	43.820		
8,400.00	7,291.54	8,502.57	7,067.92	24.00	28.25	84.14	1,451.12	-202.20	2,216.50	2,163.89	52.61	42.130		
8,500.00	7,288.36	8,602.58	7,065.26	25.05	29.41	84.16	1,451.35	-302.16	2,217.06	2,162.27	54.78	40.470		
8,600.00	7,285.19	8,702.58	7,062.60	26.17	30.61	84.17	1,451.58	-402.12	2,217.61	2,160.54	57.07	38.858		
8,700.00	7,282.02	8,802.58	7,059.95	27.34	31.85	84.19	1,451.81	-502.08	2,218.16	2,158.71	59.46	37.307		
8,800.00	7,278.85	8,902.59	7,057.29	28.57	33.13	84.20	1,452.04	-602.04	2,218.72	2,156.78	61.93	35.823		
8,900.00	7,275.67	9,002.59	7,054.63	29.84	34.44	84.22	1,452.27	-702.01	2,219.27	2,154.78	64.49	34.412		
9,000.00	7,272.50	9,102.59	7,051.97	31.14	35.77	84.23	1,452.50	-801.97	2,219.82	2,152.71	67.12	33.074		
9,100.00	7,269.33	9,202.60	7,049.32	32.48	37.14	84.25	1,452.73	-901.93	2,220.38	2,150.57	69.80	31.808		
9,200.00	7,266.15	9,302.60	7,046.66	33.85	38.52	84.26	1,452.96	-1,001.89	2,220.93	2,148.38	72.55	30.614		
9,300.00	7,262.98	9,397.40	7,044.00	35.24	39.85	84.28	1,453.18	-1,101.85	2,221.49	2,146.22	75.26	29.516		
9,400.00	7,259.81	9,502.61	7,041.34	36.66	41.35	84.29	1,453.41	-1,201.81	2,222.04	2,143.87	78.17	28.425		
9,500.00	7,256.64	9,602.61	7,038.68	38.10	42.79	84.31	1,453.64	-1,301.77	2,222.59	2,141.55	81.05	27.424		
9,600.00	7,253.46	9,702.61	7,036.03	39.55	44.25	84.32	1,453.87	-1,401.73	2,223.15	2,139.19	83.95	26.481		
9,700.00	7,250.29	9,802.62	7,033.37	41.02	45.72	84.34	1,454.10	-1,501.70	2,223.70	2,136.81	86.89	25.592		
9,800.00	7,247.12	9,902.62	7,030.71	42.51	47.21	84.35	1,454.33	-1,601.66	2,224.26	2,134.40	89.86	24.753		
9,900.00	7,243.95	10,002.62	7,028.05	44.01	48.70	84.37	1,454.56	-1,701.62	2,224.81	2,131.96	92.85	23.961		
10,000.00	7,240.77	10,102.62	7,025.40	45.52	50.21	84.38	1,454.79	-1,801.58	2,225.37	2,129.50	95.87	23.213		
10,100.00	7,237.60	10,202.63	7,022.74	47.04	51.72	84.40	1,455.02	-1,901.54	2,225.92	2,127.02	98.90	22.506		
10,200.00	7,234.43	10,302.63	7,020.08	48.57	53.25	84.41	1,455.24	-2,001.50	2,226.48	2,124.52	101.96	21.837		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,402.63	7,017.42	50.11	54.78	84.43	1,455.47	-2,101.46	2,227.03	2,122.00	105.03	21.204		
10,400.00	7,228.08	10,502.64	7,014.77	51.66	56.32	84.44	1,455.70	-2,201.42	2,227.59	2,119.47	108.12	20.603		
10,500.00	7,224.91	10,602.64	7,012.11	53.21	57.87	84.45	1,455.93	-2,301.39	2,228.15	2,116.92	111.22	20.033		
10,600.00	7,221.74	10,702.64	7,009.45	54.78	59.43	84.47	1,456.16	-2,401.35	2,228.70	2,114.36	114.34	19.492		
10,700.00	7,218.56	10,802.65	7,006.79	56.34	60.99	84.48	1,456.39	-2,501.31	2,229.26	2,111.79	117.47	18.978		
10,800.00	7,215.39	10,902.65	7,004.13	57.92	62.55	84.50	1,456.62	-2,601.27	2,229.81	2,109.21	120.61	18.488		
10,900.00	7,212.22	11,002.65	7,001.48	59.50	64.12	84.51	1,456.85	-2,701.23	2,230.37	2,106.61	123.76	18.022		
11,000.00	7,209.05	11,102.66	6,998.82	61.08	65.70	84.53	1,457.08	-2,801.19	2,230.93	2,104.01	126.92	17.578		
11,100.00	7,205.87	11,202.66	6,996.16	62.67	67.28	84.54	1,457.30	-2,901.15	2,231.48	2,101.40	130.09	17.154		
11,200.00	7,202.70	11,302.66	6,993.50	64.26	68.87	84.56	1,457.53	-3,001.11	2,232.04	2,098.78	133.26	16.749		
11,300.00	7,199.53	11,402.67	6,990.85	65.86	70.45	84.57	1,457.76	-3,101.08	2,232.60	2,096.15	136.45	16.362		
11,400.00	7,196.36	11,502.67	6,988.19	67.46	72.05	84.59	1,457.99	-3,201.04	2,233.15	2,093.51	139.64	15.992		
11,500.00	7,193.18	11,602.67	6,985.53	69.06	73.64	84.60	1,458.22	-3,301.00	2,233.71	2,090.87	142.84	15.638		
11,600.00	7,190.01	11,697.32	6,982.87	70.67	75.16	84.62	1,458.45	-3,400.96	2,234.27	2,088.31	145.96	15.308		
11,700.00	7,186.84	11,802.68	6,980.22	72.28	76.84	84.63	1,458.68	-3,500.92	2,234.83	2,085.57	149.26	14.973		
11,800.00	7,183.66	11,902.68	6,977.56	73.89	78.45	84.65	1,458.91	-3,600.88	2,235.38	2,082.91	152.47	14.661		
11,900.00	7,180.49	12,002.69	6,974.90	75.50	80.06	84.66	1,459.13	-3,700.84	2,235.94	2,080.25	155.69	14.361		
12,000.00	7,177.32	12,097.31	6,972.24	77.12	81.58	84.67	1,459.36	-3,800.80	2,236.50	2,077.67	158.83	14.081		
12,100.00	7,174.15	12,202.69	6,969.58	78.74	83.28	84.69	1,459.59	-3,900.77	2,237.06	2,074.91	162.15	13.796		
12,200.00	7,170.97	12,302.69	6,966.93	80.36	84.90	84.70	1,459.82	-4,000.73	2,237.62	2,072.23	165.39	13.529		
12,300.00	7,167.80	12,402.70	6,964.27	81.99	86.51	84.72	1,460.05	-4,100.69	2,238.17	2,069.55	168.63	13.273		
12,400.00	7,164.63	12,502.70	6,961.61	83.61	88.13	84.73	1,460.28	-4,200.65	2,238.73	2,066.86	171.87	13.026		
12,500.00	7,161.46	12,602.70	6,958.95	85.24	89.75	84.75	1,460.51	-4,300.61	2,239.29	2,064.17	175.12	12.787		
12,600.00	7,158.28	12,702.71	6,956.30	86.87	91.38	84.76	1,460.74	-4,400.57	2,239.85	2,061.48	178.37	12.557		
12,700.00	7,155.11	12,802.71	6,953.64	88.50	93.00	84.78	1,460.97	-4,500.53	2,240.41	2,058.79	181.62	12.335		
12,800.00	7,151.94	12,902.71	6,950.98	90.13	94.63	84.79	1,461.19	-4,600.49	2,240.97	2,056.09	184.88	12.121		
12,900.00	7,148.76	13,002.72	6,948.32	91.76	96.26	84.81	1,461.42	-4,700.46	2,241.53	2,053.39	188.14	11.914		
13,000.00	7,145.59	13,102.72	6,945.67	93.40	97.88	84.82	1,461.65	-4,800.42	2,242.09	2,050.68	191.40	11.714		
13,100.00	7,142.42	13,202.72	6,943.01	95.03	99.52	84.83	1,461.88	-4,900.38	2,242.65	2,047.98	194.67	11.520		
13,200.00	7,139.25	13,302.73	6,940.35	96.67	101.15	84.85	1,462.11	-5,000.34	2,243.21	2,045.27	197.94	11.333		
13,300.00	7,136.07	13,402.73	6,937.69	98.31	102.78	84.86	1,462.34	-5,100.30	2,243.77	2,042.56	201.21	11.152		
13,400.00	7,132.90	13,502.73	6,935.03	99.95	104.42	84.88	1,462.57	-5,200.26	2,244.33	2,039.85	204.48	10.976		
13,500.00	7,129.73	13,602.74	6,932.38	101.59	106.05	84.89	1,462.80	-5,300.22	2,244.89	2,037.13	207.75	10.805		
13,600.00	7,126.56	13,702.74	6,929.72	103.23	107.69	84.91	1,463.03	-5,400.18	2,245.45	2,034.42	211.03	10.640		
13,700.00	7,123.38	13,802.74	6,927.06	104.87	109.33	84.92	1,463.25	-5,500.14	2,246.01	2,031.70	214.31	10.480		
13,800.00	7,120.21	13,902.75	6,924.40	106.51	110.96	84.94	1,463.48	-5,600.11	2,246.57	2,028.98	217.59	10.325		
13,900.00	7,117.04	14,002.75	6,921.75	108.16	112.60	84.95	1,463.71	-5,700.07	2,247.13	2,026.26	220.87	10.174		
14,000.00	7,113.87	14,102.75	6,919.09	109.80	114.25	84.96	1,463.94	-5,800.03	2,247.69	2,023.53	224.16	10.027		
14,100.00	7,110.69	14,202.76	6,916.43	111.45	115.89	84.98	1,464.17	-5,899.99	2,248.25	2,020.81	227.44	9.885		
14,200.00	7,107.52	14,302.76	6,913.77	113.10	117.53	84.99	1,464.40	-5,999.95	2,248.81	2,018.08	230.73	9.746		
14,300.00	7,104.35	14,402.76	6,911.11	114.74	119.17	85.01	1,464.63	-6,099.91	2,249.37	2,015.35	234.02	9.612		
14,400.00	7,101.17	14,497.24	6,908.46	116.39	120.73	85.02	1,464.86	-6,199.87	2,249.94	2,012.71	237.22	9.485		
14,500.00	7,098.00	14,602.77	6,905.80	118.04	122.46	85.04	1,465.09	-6,299.83	2,250.50	2,009.89	240.60	9.353		
14,600.00	7,094.83	14,702.77	6,903.14	119.69	124.11	85.05	1,465.31	-6,399.80	2,251.06	2,007.16	243.90	9.229		
14,700.00	7,091.66	14,802.77	6,900.48	121.34	125.75	85.07	1,465.54	-6,499.76	2,251.62	2,004.43	247.19	9.109		
14,800.00	7,088.48	14,902.78	6,897.83	122.99	127.40	85.08	1,465.77	-6,599.72	2,252.18	2,001.69	250.49	8.991		
14,900.00	7,085.31	14,997.22	6,895.17	124.64	128.96	85.09	1,466.00	-6,699.68	2,252.74	1,999.05	253.70	8.880		
15,000.00	7,082.14	15,102.78	6,892.51	126.29	130.70	85.11	1,466.23	-6,799.64	2,253.31	1,996.22	257.09	8.765		
15,100.00	7,078.97	15,202.79	6,889.85	127.94	132.35	85.12	1,466.46	-6,899.60	2,253.87	1,993.48	260.39	8.656		
15,200.00	7,075.79	15,302.79	6,887.20	129.60	134.00	85.14	1,466.69	-6,999.56	2,254.43	1,990.75	263.69	8.550		
15,300.00	7,072.62	15,402.79	6,884.54	131.25	135.65	85.15	1,466.92	-7,099.52	2,254.99	1,988.01	266.99	8.446		
15,400.00	7,069.45	15,497.20	6,881.88	132.90	137.20	85.17	1,467.15	-7,199.49	2,255.56	1,985.36	270.20	8.348		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	
15,500.00	7,066.27	15,613.94	6,879.22	134.55	139.13	85.18	1,467.37	-7,299.45	2,256.12	1,982.34	273.78	8.241
15,578.05	7,063.80	15,675.25	6,877.15	135.85	140.14	85.19	1,467.55	-7,377.47	2,256.56	1,980.49	276.07	8.174 SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.45	-1.09	140.04	140.04					
100.00	100.00	100.00	100.00	3.28	3.28	90.45	-1.09	140.04	140.04	132.52	7.53	18.601		
200.00	200.00	200.00	200.00	3.31	3.31	90.45	-1.09	140.04	140.04	132.47	7.57	18.490		
285.18	285.18	283.65	283.65	3.34	3.34	-32.92	-1.02	140.22	139.70	132.06	7.64	18.276	CC, ES	
300.00	300.00	297.82	297.82	3.35	3.35	-32.90	-0.95	140.41	140.07	132.41	7.66	18.289		
400.00	399.93	393.39	393.33	3.41	3.41	-34.11	0.18	143.39	140.28	132.51	7.77	18.055		
500.00	499.68	488.76	488.48	3.49	3.49	-36.50	2.44	149.34	140.91	132.99	7.92	17.799		
600.00	599.13	583.80	583.05	3.60	3.60	-40.01	5.80	158.20	142.33	134.23	8.10	17.569		
700.00	698.15	678.39	676.79	3.74	3.73	-44.51	10.26	169.93	145.08	136.75	8.33	17.422		
800.00	796.63	773.62	770.72	3.93	3.89	-49.86	15.81	184.55	149.69	141.07	8.61	17.380		
900.00	894.68	872.18	867.80	4.15	4.08	-55.76	21.87	200.52	155.27	146.28	8.99	17.262		
1,000.00	992.71	970.75	964.87	4.40	4.30	-61.24	27.93	216.49	162.39	152.96	9.43	17.212		
1,100.00	1,090.75	1,069.31	1,061.94	4.68	4.55	-66.23	34.00	232.46	170.89	160.96	9.93	17.216		
1,200.00	1,188.79	1,167.87	1,159.01	4.98	4.80	-70.72	40.06	248.43	180.57	170.11	10.46	17.262		
1,300.00	1,286.83	1,266.44	1,256.09	5.30	5.08	-74.74	46.12	264.40	191.26	180.23	11.03	17.337		
1,400.00	1,384.86	1,365.00	1,353.16	5.63	5.37	-78.33	52.19	280.37	202.79	191.16	11.63	17.435		
1,500.00	1,482.90	1,463.56	1,450.23	5.98	5.66	-81.53	58.25	296.34	215.04	202.78	12.25	17.548		
1,600.00	1,580.94	1,562.12	1,547.30	6.33	5.97	-84.37	64.31	312.31	227.88	214.98	12.90	17.668		
1,700.00	1,678.98	1,660.69	1,644.37	6.69	6.28	-86.92	70.38	328.28	241.22	227.66	13.56	17.794		
1,800.00	1,777.01	1,759.25	1,741.44	7.06	6.60	-89.19	76.44	344.25	254.98	240.75	14.23	17.921		
1,900.00	1,875.05	1,857.81	1,838.51	7.27	6.84	-91.23	82.50	360.22	269.09	254.82	14.28	18.847		
2,000.00	1,973.09	1,956.37	1,935.58	7.31	6.94	-93.07	88.56	376.18	283.52	269.09	14.42	19.658		
2,100.00	2,071.13	2,054.94	2,032.66	7.38	6.99	-94.73	94.63	392.15	298.20	283.66	14.54	20.513		
2,200.00	2,169.16	2,153.50	2,129.73	7.46	7.05	-96.23	100.69	408.12	313.10	298.42	14.68	21.326		
2,300.00	2,267.20	2,252.06	2,226.80	7.56	7.13	-97.60	106.75	424.09	328.20	313.34	14.86	22.090		
2,400.00	2,365.24	2,350.62	2,323.87	7.67	7.22	-98.85	112.82	440.06	343.46	328.40	15.06	22.803		
2,500.00	2,463.28	2,449.19	2,420.94	7.80	7.33	-99.99	118.88	456.03	358.88	343.58	15.30	23.464		
2,600.00	2,561.31	2,547.75	2,518.01	7.95	7.45	-101.03	124.94	472.00	374.41	358.86	15.55	24.071		
2,700.00	2,659.35	2,646.31	2,615.08	8.11	7.58	-102.00	131.01	487.97	390.07	374.23	15.84	24.625		
2,800.00	2,757.39	2,744.88	2,712.15	8.28	7.72	-102.88	137.07	503.94	405.82	389.67	16.15	25.128		
2,900.00	2,855.43	2,843.44	2,809.23	8.47	7.88	-103.71	143.13	519.91	421.66	405.17	16.48	25.582		
3,000.00	2,953.46	2,942.00	2,906.30	8.66	8.05	-104.47	149.20	535.88	437.58	420.74	16.84	25.989		
3,100.00	3,051.50	3,040.56	3,003.37	8.87	8.22	-105.18	155.26	551.85	453.56	436.35	17.21	26.353		
3,200.00	3,149.54	3,139.13	3,100.44	9.09	8.41	-105.84	161.32	567.81	469.62	452.01	17.60	26.677		
3,300.00	3,247.58	3,237.69	3,197.51	9.32	8.60	-106.46	167.38	583.78	485.73	467.71	18.01	26.963		
3,400.00	3,345.61	3,336.25	3,294.58	9.55	8.81	-107.04	173.45	599.75	501.89	483.45	18.44	27.215		
3,500.00	3,443.65	3,434.81	3,391.65	9.80	9.02	-107.58	179.51	615.72	518.10	499.21	18.88	27.435		
3,600.00	3,541.69	3,533.38	3,488.72	10.05	9.24	-108.09	185.57	631.69	534.35	515.01	19.34	27.628		
3,700.00	3,639.73	3,631.94	3,585.80	10.31	9.46	-108.57	191.64	647.66	550.63	530.82	19.81	27.796		
3,800.00	3,737.76	3,730.50	3,682.87	10.57	9.69	-109.02	197.70	663.63	566.96	546.67	20.29	27.940		
3,900.00	3,835.80	3,829.06	3,779.94	10.84	9.93	-109.44	203.76	679.60	583.32	562.53	20.79	28.064		
4,000.00	3,933.84	3,927.63	3,877.01	11.12	10.17	-109.85	209.83	695.57	599.70	578.41	21.29	28.170		
4,100.00	4,031.88	4,026.19	3,974.08	11.40	10.42	-110.23	215.89	711.54	616.12	594.31	21.80	28.259		
4,200.00	4,129.91	4,124.75	4,071.15	11.69	10.67	-110.59	221.95	727.51	632.56	610.23	22.32	28.334		
4,300.00	4,227.95	4,223.32	4,168.22	11.98	10.93	-110.93	228.01	743.47	649.02	626.16	22.86	28.396		
4,400.00	4,325.99	4,321.88	4,265.29	12.27	11.19	-111.26	234.08	759.44	665.50	642.11	23.39	28.447		
4,500.00	4,424.03	4,420.44	4,362.37	12.57	11.45	-111.57	240.14	775.41	682.01	658.07	23.94	28.487		
4,600.00	4,522.06	4,519.00	4,459.44	12.88	11.72	-111.87	246.20	791.38	698.53	674.04	24.49	28.519		
4,700.00	4,620.10	4,617.57	4,556.51	13.18	11.99	-112.15	252.27	807.35	715.07	690.02	25.05	28.542		
4,800.00	4,718.14	4,716.13	4,653.58	13.49	12.26	-112.42	258.33	823.32	731.63	706.01	25.62	28.559		
4,900.00	4,816.17	4,814.69	4,750.65	13.80	12.54	-112.68	264.39	839.29	748.20	722.01	26.19	28.569		
5,000.00	4,914.21	4,913.25	4,847.72	14.12	12.82	-112.92	270.46	855.26	764.78	738.02	26.77	28.574		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,012.25	5,011.82	4,944.79	14.43	13.10	-113.16	276.52	871.23	781.38	754.04	27.35	28.574		
5,200.00	5,110.29	5,110.38	5,041.87	14.75	13.38	-113.39	282.58	887.20	797.99	770.06	27.93	28.569		
5,300.00	5,208.32	5,208.94	5,138.94	15.07	13.67	-113.60	288.64	903.17	814.62	786.10	28.52	28.562		
5,400.00	5,306.36	5,307.50	5,236.01	15.40	13.96	-113.81	294.71	919.13	831.25	802.14	29.12	28.550		
5,500.00	5,404.40	5,406.07	5,333.08	15.72	14.25	-114.01	300.77	935.10	847.89	818.18	29.71	28.537		
5,600.00	5,502.44	5,504.63	5,430.15	16.05	14.54	-114.21	306.83	951.07	864.55	834.23	30.31	28.520		
5,700.00	5,600.47	5,603.19	5,527.22	16.38	14.83	-114.39	312.90	967.04	881.21	850.29	30.92	28.502		
5,800.00	5,698.51	5,701.76	5,624.29	16.71	15.13	-114.57	318.96	983.01	897.88	866.36	31.53	28.481		
5,900.00	5,796.55	5,800.32	5,721.36	17.04	15.43	-114.74	325.02	998.98	914.56	882.43	32.14	28.459		
6,000.00	5,894.59	5,901.12	5,818.44	17.38	15.73	-114.91	331.09	1,014.95	931.25	898.49	32.76	28.430		
6,100.00	5,992.62	5,997.44	5,915.51	17.71	16.03	-115.07	337.15	1,030.92	947.94	914.58	33.36	28.412		
6,200.00	6,090.66	6,103.99	6,012.58	18.05	16.35	-115.22	343.21	1,046.89	964.65	930.64	34.01	28.366		
6,300.00	6,188.70	6,205.43	6,109.65	18.39	16.66	-115.37	349.27	1,062.86	981.35	946.72	34.64	28.332		
6,400.00	6,286.74	6,306.87	6,206.72	18.72	16.98	-115.51	355.34	1,078.83	998.07	962.80	35.27	28.299		
6,500.00	6,384.77	6,408.31	6,303.79	19.06	17.29	-115.65	361.40	1,094.79	1,014.79	978.89	35.90	28.265		
6,600.00	6,482.81	6,509.74	6,400.86	19.40	17.60	-115.79	367.46	1,110.76	1,031.51	994.98	36.54	28.230		
6,700.00	6,580.86	6,588.82	6,497.93	19.74	17.85	-117.94	373.53	1,126.73	1,048.25	1,011.15	37.10	28.251		
6,800.00	6,679.86	6,694.72	6,602.44	19.94	18.16	-175.00	380.06	1,142.40	1,066.05	1,028.42	37.63	28.327		
6,900.00	6,778.81	6,815.21	6,722.51	20.07	18.36	130.43	387.64	1,142.33	1,084.15	1,046.16	37.99	28.535		
7,000.00	6,875.27	6,937.54	6,842.18	20.15	18.47	113.80	395.29	1,119.11	1,101.67	1,063.49	38.17	28.858		
7,100.00	6,966.86	7,060.94	6,956.17	20.17	18.50	106.36	402.68	1,072.92	1,118.13	1,079.92	38.21	29.264		
7,200.00	7,051.33	7,184.52	7,059.26	20.15	18.48	101.75	409.47	1,005.48	1,133.13	1,094.98	38.15	29.701		
7,300.00	7,126.59	7,307.32	7,146.94	20.10	18.46	98.36	415.35	919.97	1,146.31	1,108.22	38.08	30.100		
7,400.00	7,190.80	7,428.42	7,215.79	20.04	18.50	95.64	420.11	820.69	1,157.40	1,119.30	38.10	30.376		
7,500.00	7,242.38	7,547.02	7,263.88	19.99	18.66	93.39	423.59	712.51	1,166.22	1,127.94	38.29	30.462		
7,600.00	7,280.05	7,662.50	7,290.68	19.97	18.96	91.50	425.75	600.37	1,172.64	1,133.96	38.68	30.315		
7,700.00	7,302.88	7,774.44	7,296.98	19.99	19.37	89.95	426.60	488.76	1,176.60	1,137.31	39.29	29.950		
7,800.00	7,310.32	7,873.71	7,293.96	20.09	19.87	89.20	426.82	389.54	1,178.47	1,138.37	40.11	29.384		
7,900.00	7,307.40	7,973.70	7,290.92	20.33	20.50	89.19	427.04	289.59	1,179.10	1,137.94	41.16	28.648		
8,000.00	7,304.23	8,073.70	7,287.88	20.77	21.24	89.19	427.26	189.64	1,179.70	1,137.25	42.45	27.788		
8,100.00	7,301.05	8,173.70	7,284.84	21.38	22.08	89.20	427.48	89.69	1,180.30	1,136.33	43.97	26.845		
8,200.00	7,297.88	8,273.70	7,281.80	22.15	23.01	89.21	427.70	-10.26	1,180.89	1,135.21	45.68	25.852		
8,300.00	7,294.71	8,373.69	7,278.75	23.03	24.02	89.22	427.92	-110.22	1,181.49	1,133.92	47.57	24.839		
8,400.00	7,291.54	8,473.69	7,275.71	24.00	25.10	89.22	428.14	-210.17	1,182.09	1,132.48	49.61	23.828		
8,500.00	7,288.36	8,573.69	7,272.67	25.05	26.24	89.23	428.36	-310.12	1,182.68	1,130.90	51.79	22.837		
8,600.00	7,285.19	8,673.69	7,269.63	26.17	27.44	89.24	428.58	-410.07	1,183.28	1,129.19	54.09	21.877		
8,700.00	7,282.02	8,773.69	7,266.59	27.34	28.68	89.24	428.80	-510.02	1,183.88	1,127.38	56.50	20.955		
8,800.00	7,278.85	8,873.68	7,263.55	28.57	29.96	89.25	429.02	-609.97	1,184.48	1,125.48	58.99	20.078		
8,900.00	7,275.67	8,973.68	7,260.50	29.84	31.29	89.26	429.24	-709.93	1,185.07	1,123.50	61.57	19.246		
9,000.00	7,272.50	9,073.68	7,257.46	31.14	32.64	89.26	429.46	-809.88	1,185.67	1,121.45	64.22	18.461		
9,100.00	7,269.33	9,173.68	7,254.42	32.48	34.02	89.27	429.68	-909.83	1,186.27	1,119.33	66.94	17.722		
9,200.00	7,266.15	9,273.68	7,251.38	33.85	35.42	89.28	429.90	-1,009.78	1,186.87	1,117.16	69.71	17.026		
9,300.00	7,262.98	9,373.68	7,248.34	35.24	36.85	89.28	430.11	-1,109.73	1,187.46	1,114.94	72.53	16.373		
9,400.00	7,259.81	9,473.67	7,245.29	36.66	38.30	89.29	430.33	-1,209.68	1,188.06	1,112.67	75.39	15.759		
9,500.00	7,256.64	9,573.67	7,242.25	38.10	39.77	89.30	430.55	-1,309.64	1,188.66	1,110.37	78.29	15.183		
9,600.00	7,253.46	9,673.67	7,239.21	39.55	41.25	89.30	430.77	-1,409.59	1,189.26	1,108.03	81.22	14.642		
9,700.00	7,250.29	9,773.67	7,236.17	41.02	42.74	89.31	430.99	-1,509.54	1,189.85	1,105.67	84.19	14.133		
9,800.00	7,247.12	9,873.67	7,233.13	42.51	44.25	89.32	431.21	-1,609.49	1,190.45	1,103.27	87.18	13.655		
9,900.00	7,243.95	9,973.66	7,230.09	44.01	45.77	89.32	431.43	-1,709.44	1,191.05	1,100.85	90.20	13.205		
10,000.00	7,240.77	10,073.66	7,227.04	45.52	47.30	89.33	431.65	-1,809.39	1,191.65	1,098.41	93.24	12.780		
10,100.00	7,237.60	10,173.66	7,224.00	47.04	48.84	89.34	431.87	-1,909.35	1,192.24	1,095.94	96.30	12.380		
10,200.00	7,234.43	10,273.66	7,220.96	48.57	50.38	89.34	432.09	-2,009.30	1,192.84	1,093.46	99.38	12.003		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,373.66	7,217.92	50.11	51.94	89.35	432.31	-2,109.25	1,193.44	1,090.96	102.48	11.646		
10,400.00	7,228.08	10,473.65	7,214.88	51.66	53.50	89.36	432.53	-2,209.20	1,194.04	1,088.45	105.59	11.309		
10,500.00	7,224.91	10,573.65	7,211.84	53.21	55.07	89.36	432.75	-2,309.15	1,194.64	1,085.92	108.71	10.989		
10,600.00	7,221.74	10,673.65	7,208.79	54.78	56.64	89.37	432.97	-2,409.10	1,195.23	1,083.38	111.85	10.686		
10,700.00	7,218.56	10,773.65	7,205.75	56.34	58.22	89.37	433.19	-2,509.06	1,195.83	1,080.83	115.00	10.399		
10,800.00	7,215.39	10,873.65	7,202.71	57.92	59.81	89.38	433.41	-2,609.01	1,196.43	1,078.27	118.16	10.126		
10,900.00	7,212.22	10,973.65	7,199.67	59.50	61.40	89.39	433.63	-2,708.96	1,197.03	1,075.70	121.33	9.866		
11,000.00	7,209.05	11,073.64	7,196.63	61.08	62.99	89.39	433.85	-2,808.91	1,197.62	1,073.12	124.51	9.619		
11,100.00	7,205.87	11,173.64	7,193.58	62.67	64.59	89.40	434.07	-2,908.86	1,198.22	1,070.53	127.70	9.383		
11,200.00	7,202.70	11,273.64	7,190.54	64.26	66.19	89.41	434.29	-3,008.81	1,198.82	1,067.93	130.89	9.159		
11,300.00	7,199.53	11,373.64	7,187.50	65.86	67.79	89.41	434.51	-3,108.76	1,199.42	1,065.32	134.09	8.945		
11,400.00	7,196.36	11,473.64	7,184.46	67.46	69.40	89.42	434.73	-3,208.72	1,200.01	1,062.71	137.30	8.740		
11,500.00	7,193.18	11,573.63	7,181.42	69.06	71.01	89.43	434.95	-3,308.67	1,200.61	1,060.09	140.52	8.544		
11,600.00	7,190.01	11,673.63	7,178.38	70.67	72.63	89.43	435.17	-3,408.62	1,201.21	1,057.47	143.74	8.357		
11,700.00	7,186.84	11,773.63	7,175.33	72.28	74.24	89.44	435.38	-3,508.57	1,201.81	1,054.84	146.97	8.177		
11,800.00	7,183.66	11,873.63	7,172.29	73.89	75.86	89.45	435.60	-3,608.52	1,202.41	1,052.20	150.20	8.005		
11,900.00	7,180.49	11,973.63	7,169.25	75.50	77.48	89.45	435.82	-3,708.47	1,203.00	1,049.57	153.44	7.840		
12,000.00	7,177.32	12,073.62	7,166.21	77.12	79.11	89.46	436.04	-3,808.43	1,203.60	1,046.92	156.68	7.682		
12,100.00	7,174.15	12,173.62	7,163.17	78.74	80.73	89.47	436.26	-3,908.38	1,204.20	1,044.27	159.93	7.530		
12,200.00	7,170.97	12,273.62	7,160.12	80.36	82.36	89.47	436.48	-4,008.33	1,204.80	1,041.62	163.18	7.383		
12,300.00	7,167.80	12,373.62	7,157.08	81.99	83.99	89.48	436.70	-4,108.28	1,205.40	1,038.97	166.43	7.243		
12,400.00	7,164.63	12,473.62	7,154.04	83.61	85.62	89.49	436.92	-4,208.23	1,205.99	1,036.31	169.69	7.107		
12,500.00	7,161.46	12,573.62	7,151.00	85.24	87.25	89.49	437.14	-4,308.18	1,206.59	1,033.64	172.95	6.977		
12,600.00	7,158.28	12,673.61	7,147.96	86.87	88.88	89.50	437.36	-4,408.14	1,207.19	1,030.98	176.21	6.851		
12,700.00	7,155.11	12,773.61	7,144.92	88.50	90.52	89.51	437.58	-4,508.09	1,207.79	1,028.31	179.48	6.729		
12,800.00	7,151.94	12,873.61	7,141.87	90.13	92.15	89.51	437.80	-4,608.04	1,208.39	1,025.64	182.75	6.612		
12,900.00	7,148.76	12,973.61	7,138.83	91.76	93.79	89.52	438.02	-4,707.99	1,208.98	1,022.96	186.02	6.499		
13,000.00	7,145.59	13,073.61	7,135.79	93.40	95.43	89.52	438.24	-4,807.94	1,209.58	1,020.29	189.29	6.390		
13,100.00	7,142.42	13,173.60	7,132.75	95.03	97.07	89.53	438.46	-4,907.89	1,210.18	1,017.61	192.57	6.284		
13,200.00	7,139.25	13,273.60	7,129.71	96.67	98.71	89.54	438.68	-5,007.85	1,210.78	1,014.93	195.85	6.182		
13,300.00	7,136.07	13,373.60	7,126.67	98.31	100.35	89.54	438.90	-5,107.80	1,211.38	1,012.24	199.13	6.083		
13,400.00	7,132.90	13,473.60	7,123.62	99.95	101.99	89.55	439.12	-5,207.75	1,211.97	1,009.56	202.42	5.988		
13,500.00	7,129.73	13,573.60	7,120.58	101.59	103.64	89.56	439.34	-5,307.70	1,212.57	1,006.87	205.70	5.895		
13,600.00	7,126.56	13,673.59	7,117.54	103.23	105.28	89.56	439.56	-5,407.65	1,213.17	1,004.18	208.99	5.805		
13,700.00	7,123.38	13,773.59	7,114.50	104.87	106.93	89.57	439.78	-5,507.60	1,213.77	1,001.49	212.28	5.718		
13,800.00	7,120.21	13,873.59	7,111.46	106.51	108.58	89.58	440.00	-5,607.55	1,214.37	998.80	215.57	5.633		
13,900.00	7,117.04	13,973.59	7,108.41	108.16	110.22	89.58	440.22	-5,707.51	1,214.96	996.10	218.86	5.551		
14,000.00	7,113.87	14,073.59	7,105.37	109.80	111.87	89.59	440.43	-5,807.46	1,215.56	993.41	222.15	5.472		
14,100.00	7,110.69	14,173.59	7,102.33	111.45	113.52	89.59	440.65	-5,907.41	1,216.16	990.71	225.45	5.394		
14,200.00	7,107.52	14,273.58	7,099.29	113.10	115.17	89.60	440.87	-6,007.36	1,216.76	988.01	228.75	5.319		
14,300.00	7,104.35	14,373.58	7,096.25	114.74	116.82	89.61	441.09	-6,107.31	1,217.36	985.31	232.04	5.246		
14,400.00	7,101.17	14,473.58	7,093.21	116.39	118.47	89.61	441.31	-6,207.26	1,217.96	982.61	235.34	5.175		
14,500.00	7,098.00	14,573.58	7,090.16	118.04	120.12	89.62	441.53	-6,307.22	1,218.55	979.91	238.64	5.106		
14,600.00	7,094.83	14,673.58	7,087.12	119.69	121.77	89.63	441.75	-6,407.17	1,219.15	977.21	241.95	5.039		
14,700.00	7,091.66	14,773.57	7,084.08	121.34	123.42	89.63	441.97	-6,507.12	1,219.75	974.50	245.25	4.974		
14,800.00	7,088.48	14,873.57	7,081.04	122.99	125.08	89.64	442.19	-6,607.07	1,220.35	971.80	248.55	4.910		
14,900.00	7,085.31	14,973.57	7,078.00	124.64	126.73	89.65	442.41	-6,707.02	1,220.95	969.09	251.86	4.848		
15,000.00	7,082.14	15,073.57	7,074.95	126.29	128.39	89.65	442.63	-6,806.97	1,221.55	966.38	255.16	4.787		
15,100.00	7,078.97	15,173.57	7,071.91	127.94	130.04	89.66	442.85	-6,906.93	1,222.14	963.67	258.47	4.728		
15,200.00	7,075.79	15,273.56	7,068.87	129.60	131.69	89.66	443.07	-7,006.88	1,222.74	960.96	261.78	4.671		
15,300.00	7,072.62	15,373.56	7,065.83	131.25	133.35	89.67	443.29	-7,106.83	1,223.34	958.25	265.09	4.615		
15,400.00	7,069.45	15,473.56	7,062.79	132.90	135.01	89.68	443.51	-7,206.78	1,223.94	955.54	268.40	4.560		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
15,500.00	7,066.27	15,573.56	7,059.75	134.55	136.66	89.68	443.73	-7,306.73	1,224.54	952.83	271.71	4.507	
15,578.05	7,063.80	15,651.61	7,057.37	135.85	137.95	89.69	443.90	-7,384.75	1,225.00	950.72	274.29	4.466 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	90.42	-0.73	99.95	99.95					
100.00	100.00	100.00	100.00	3.28	3.28	90.42	-0.73	99.95	99.95	92.42	7.53	13.276		
200.00	200.00	200.00	200.00	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.57	13.197		
300.00	300.00	300.00	300.00	3.35	3.35	-32.92	-0.73	99.95	99.59	91.92	7.66	12.998		
400.00	399.93	400.07	399.93	3.41	3.42	-34.08	-0.73	99.95	96.67	88.89	7.79	12.415		
500.00	499.68	500.32	499.68	3.49	3.50	-36.61	-0.73	99.95	90.98	83.02	7.96	11.433		
600.00	599.13	600.87	599.13	3.60	3.61	-41.02	-0.73	99.95	82.81	74.64	8.17	10.132		
700.00	698.15	701.85	698.15	3.74	3.74	-48.33	-0.73	99.95	72.85	64.41	8.44	8.634		
800.00	796.63	796.63	796.63	3.93	3.87	-60.34	-0.73	99.95	62.57	53.82	8.75	7.151		
900.00	894.68	893.29	893.27	4.15	4.01	-76.72	-0.64	101.47	56.55	47.43	9.11	6.204		
927.69	921.83	920.19	920.16	4.22	4.05	-81.34	-0.58	102.47	56.26	47.04	9.22	6.100 CC, ES		
1,000.00	992.71	990.71	990.57	4.40	4.15	-92.37	-0.36	106.28	58.01	48.49	9.51	6.097		
1,100.00	1,090.75	1,088.76	1,088.27	4.68	4.32	-103.61	0.12	114.46	64.83	54.90	9.94	6.524		
1,200.00	1,188.79	1,187.21	1,186.03	4.98	4.50	-109.99	0.80	126.03	74.57	64.18	10.39	7.178		
1,300.00	1,286.83	1,285.83	1,283.50	5.30	4.71	-112.64	1.67	140.97	85.74	74.86	10.88	7.880		
1,400.00	1,384.86	1,384.68	1,380.68	5.63	4.94	-112.86	2.73	159.05	97.71	86.29	11.42	8.555		
1,500.00	1,482.90	1,483.94	1,478.15	5.98	5.20	-112.70	3.83	177.82	109.83	97.83	12.00	9.150		
1,600.00	1,580.94	1,583.21	1,575.61	6.33	5.47	-112.58	4.93	196.59	121.95	109.34	12.61	9.670		
1,700.00	1,678.98	1,682.47	1,673.08	6.69	5.76	-112.48	6.03	215.37	134.07	120.83	13.24	10.124		
1,800.00	1,777.01	1,781.73	1,770.54	7.06	6.07	-112.40	7.13	234.14	146.19	132.30	13.89	10.522		
1,900.00	1,875.05	1,880.99	1,868.01	7.27	6.26	-112.33	8.23	252.91	158.32	144.41	13.90	11.389		
2,000.00	1,973.09	1,980.26	1,965.47	7.31	6.32	-112.27	9.32	271.68	170.44	156.43	14.01	12.169		
2,100.00	2,071.13	2,079.52	2,062.94	7.38	6.38	-112.21	10.42	290.45	182.56	168.44	14.12	12.930		
2,200.00	2,169.16	2,178.78	2,160.40	7.46	6.45	-112.17	11.52	309.23	194.68	180.41	14.27	13.645		
2,300.00	2,267.20	2,278.04	2,257.87	7.56	6.54	-112.13	12.62	328.00	206.80	192.35	14.45	14.312		
2,400.00	2,365.24	2,377.31	2,355.33	7.67	6.64	-112.09	13.72	346.77	218.93	204.26	14.67	14.928		
2,500.00	2,463.28	2,476.57	2,452.80	7.80	6.77	-112.06	14.82	365.54	231.05	216.14	14.91	15.493		
2,600.00	2,561.31	2,575.83	2,550.26	7.95	6.91	-112.03	15.92	384.31	243.17	227.98	15.19	16.009		
2,700.00	2,659.35	2,675.09	2,647.73	8.11	7.06	-112.00	17.02	403.08	255.29	239.80	15.50	16.475		
2,800.00	2,757.39	2,774.36	2,745.19	8.28	7.23	-111.98	18.12	421.86	267.42	251.59	15.83	16.895		
2,900.00	2,855.43	2,873.62	2,842.66	8.47	7.41	-111.96	19.21	440.63	279.54	263.35	16.19	17.271		
3,000.00	2,953.46	2,972.88	2,940.12	8.66	7.60	-111.94	20.31	459.40	291.66	275.10	16.57	17.606		
3,100.00	3,051.50	3,072.14	3,037.59	8.87	7.80	-111.92	21.41	478.17	303.78	286.82	16.97	17.904		
3,200.00	3,149.54	3,171.41	3,135.05	9.09	8.02	-111.90	22.51	496.94	315.91	298.52	17.39	18.166		
3,300.00	3,247.58	3,270.67	3,232.52	9.32	8.24	-111.89	23.61	515.72	328.03	310.20	17.83	18.397		
3,400.00	3,345.61	3,369.93	3,329.98	9.55	8.47	-111.87	24.71	534.49	340.15	321.86	18.29	18.599		
3,500.00	3,443.65	3,469.19	3,427.45	9.80	8.71	-111.86	25.81	553.26	352.28	333.51	18.76	18.776		
3,600.00	3,541.69	3,568.46	3,524.91	10.05	8.96	-111.84	26.91	572.03	364.40	345.15	19.25	18.929		
3,700.00	3,639.73	3,667.72	3,622.38	10.31	9.21	-111.83	28.01	590.80	376.52	356.77	19.75	19.061		
3,800.00	3,737.76	3,766.98	3,719.84	10.57	9.47	-111.82	29.10	609.58	388.64	368.38	20.27	19.176		
3,900.00	3,835.80	3,866.24	3,817.31	10.84	9.73	-111.81	30.20	628.35	400.77	379.97	20.79	19.273		
4,000.00	3,933.84	3,965.51	3,914.77	11.12	10.01	-111.80	31.30	647.12	412.89	391.56	21.33	19.356		
4,100.00	4,031.88	4,064.77	4,012.24	11.40	10.28	-111.79	32.40	665.89	425.01	403.13	21.88	19.427		
4,200.00	4,129.91	4,164.03	4,109.70	11.69	10.56	-111.78	33.50	684.66	437.14	414.70	22.43	19.486		
4,300.00	4,227.95	4,263.29	4,207.17	11.98	10.84	-111.77	34.60	703.44	449.26	426.26	23.00	19.535		
4,400.00	4,325.99	4,362.55	4,304.63	12.27	11.13	-111.77	35.70	722.21	461.38	437.81	23.57	19.575		
4,500.00	4,424.03	4,461.82	4,402.10	12.57	11.42	-111.76	36.80	740.98	473.50	449.35	24.15	19.607		
4,600.00	4,522.06	4,561.08	4,499.56	12.88	11.72	-111.75	37.90	759.75	485.63	460.89	24.74	19.631		
4,700.00	4,620.10	4,660.34	4,597.03	13.18	12.02	-111.75	38.99	778.52	497.75	472.42	25.33	19.652		
4,800.00	4,718.14	4,759.60	4,694.49	13.49	12.32	-111.74	40.09	797.30	509.87	483.95	25.93	19.665		
4,900.00	4,816.17	4,858.87	4,791.96	13.80	12.62	-111.73	41.19	816.07	522.00	495.46	26.53	19.675		
5,000.00	4,914.21	4,958.13	4,889.42	14.12	12.93	-111.73	42.29	834.84	534.12	506.98	27.14	19.680		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,057.39	4,986.89	14.43	13.23	-111.72	43.39	853.61	546.24	518.49	27.75	19.682		
5,200.00	5,110.29	5,156.65	5,084.35	14.75	13.54	-111.72	44.49	872.38	558.36	529.99	28.37	19.680		
5,300.00	5,208.32	5,255.92	5,181.82	15.07	13.86	-111.71	45.59	891.16	570.49	541.49	28.99	19.676		
5,400.00	5,306.36	5,355.18	5,279.28	15.40	14.17	-111.71	46.69	909.93	582.61	552.99	29.62	19.669		
5,500.00	5,404.40	5,454.44	5,376.75	15.72	14.48	-111.70	47.79	928.70	594.73	564.48	30.25	19.660		
5,600.00	5,502.44	5,553.70	5,474.21	16.05	14.80	-111.70	48.88	947.47	606.86	575.97	30.88	19.650		
5,700.00	5,600.47	5,652.97	5,571.68	16.38	15.12	-111.69	49.98	966.24	618.98	587.46	31.52	19.638		
5,800.00	5,698.51	5,752.23	5,669.14	16.71	15.44	-111.69	51.08	985.02	631.10	598.94	32.16	19.624		
5,900.00	5,796.55	5,851.49	5,766.61	17.04	15.76	-111.68	52.18	1,003.79	643.22	610.42	32.80	19.610		
6,000.00	5,894.59	5,950.75	5,864.07	17.38	16.08	-111.68	53.28	1,022.56	655.35	621.90	33.45	19.594		
6,100.00	5,992.62	6,050.02	5,961.54	17.71	16.41	-111.68	54.38	1,041.33	667.47	633.38	34.09	19.578		
6,200.00	6,090.66	6,149.28	6,059.00	18.05	16.73	-111.67	55.48	1,060.10	679.59	644.85	34.74	19.560		
6,300.00	6,188.70	6,248.54	6,156.47	18.39	17.06	-111.67	56.58	1,078.88	691.72	656.32	35.40	19.543		
6,400.00	6,286.74	6,354.15	6,260.29	18.72	17.39	-111.72	57.75	1,098.13	703.73	667.67	36.06	19.516		
6,500.00	6,384.77	6,477.29	6,383.10	19.06	17.59	-113.12	59.12	1,103.74	713.29	676.72	36.57	19.507		
6,600.00	6,482.81	6,590.82	6,495.36	19.40	17.69	-115.99	60.35	1,087.89	720.63	683.75	36.88	19.539		
6,700.00	6,580.86	6,689.75	6,589.57	19.74	17.71	-121.59	61.37	1,058.02	728.25	691.19	37.05	19.653		
6,800.00	6,679.86	6,778.07	6,668.87	19.94	17.69	178.14	62.21	1,019.30	738.97	701.93	37.04	19.949		
6,900.00	6,778.81	6,860.97	6,737.76	20.07	17.67	120.43	62.94	973.31	753.04	716.11	36.93	20.390		
7,000.00	6,875.27	6,939.73	6,797.16	20.15	17.65	101.03	63.55	921.66	769.51	732.76	36.75	20.939		
7,100.00	6,966.86	7,015.34	6,847.77	20.17	17.65	91.20	64.06	865.56	787.36	750.82	36.54	21.550		
7,200.00	7,051.33	7,088.50	6,890.08	20.15	17.68	84.63	64.48	805.93	805.59	769.26	36.33	22.174		
7,300.00	7,126.59	7,159.76	6,924.46	20.10	17.75	79.72	64.80	743.55	823.28	787.09	36.18	22.752		
7,400.00	7,190.80	7,229.54	6,951.16	20.04	17.86	75.91	65.04	679.12	839.62	803.47	36.15	23.226		
7,500.00	7,242.38	7,300.00	6,970.81	19.99	18.03	72.92	65.20	611.49	853.93	817.67	36.26	23.551		
7,600.00	7,280.05	7,365.94	6,982.33	19.97	18.23	70.73	65.27	546.59	865.62	829.07	36.55	23.681		
7,700.00	7,302.88	7,433.06	6,987.09	19.99	18.48	69.17	65.26	479.67	874.28	837.26	37.03	23.613		
7,800.00	7,310.32	7,519.05	6,985.53	20.09	18.87	68.31	65.17	393.71	878.94	841.25	37.69	23.321		
7,900.00	7,307.40	7,619.04	6,983.00	20.33	19.44	68.33	65.05	293.74	879.07	840.44	38.62	22.760		
8,000.00	7,304.23	7,719.04	6,980.47	20.77	20.14	68.38	64.93	193.78	879.07	839.27	39.80	22.088		
8,100.00	7,301.05	7,819.04	6,977.94	21.38	20.95	68.42	64.81	93.81	879.08	837.89	41.19	21.342		
8,200.00	7,297.88	7,919.04	6,975.41	22.15	21.86	68.47	64.69	-6.15	879.09	836.31	42.78	20.549		
8,300.00	7,294.71	8,019.03	6,972.88	23.03	22.85	68.51	64.58	-106.12	879.09	834.55	44.54	19.736		
8,400.00	7,291.54	8,119.03	6,970.35	24.00	23.92	68.56	64.46	-206.09	879.10	832.64	46.46	18.921		
8,500.00	7,288.36	8,219.03	6,967.82	25.05	25.05	68.60	64.34	-306.05	879.11	830.59	48.52	18.119		
8,600.00	7,285.19	8,319.03	6,965.29	26.17	26.25	68.65	64.22	-406.02	879.12	828.43	50.69	17.342		
8,700.00	7,282.02	8,419.02	6,962.76	27.34	27.49	68.69	64.10	-505.98	879.13	826.15	52.98	16.595		
8,800.00	7,278.85	8,519.02	6,960.23	28.57	28.78	68.74	63.99	-605.95	879.14	823.79	55.35	15.883		
8,900.00	7,275.67	8,619.02	6,957.70	29.84	30.10	68.79	63.87	-705.91	879.15	821.34	57.81	15.208		
9,000.00	7,272.50	8,719.02	6,955.18	31.14	31.46	68.83	63.75	-805.88	879.16	818.82	60.34	14.571		
9,100.00	7,269.33	8,819.01	6,952.65	32.48	32.85	68.88	63.63	-905.84	879.17	816.24	62.93	13.971		
9,200.00	7,266.15	8,919.01	6,950.12	33.85	34.26	68.92	63.51	-1,005.81	879.19	813.61	65.58	13.407		
9,300.00	7,262.98	9,019.01	6,947.59	35.24	35.69	68.97	63.40	-1,105.77	879.20	810.92	68.27	12.877		
9,400.00	7,259.81	9,119.01	6,945.06	36.66	37.15	69.01	63.28	-1,205.74	879.21	808.20	71.02	12.381		
9,500.00	7,256.64	9,219.00	6,942.53	38.10	38.62	69.06	63.16	-1,305.71	879.23	805.43	73.80	11.914		
9,600.00	7,253.46	9,319.00	6,940.00	39.55	40.11	69.10	63.04	-1,405.67	879.24	802.63	76.61	11.477		
9,700.00	7,250.29	9,419.00	6,937.47	41.02	41.61	69.15	62.92	-1,505.64	879.26	799.80	79.46	11.066		
9,800.00	7,247.12	9,519.00	6,934.94	42.51	43.13	69.19	62.81	-1,605.60	879.27	796.94	82.33	10.680		
9,900.00	7,243.95	9,619.00	6,932.41	44.01	44.65	69.24	62.69	-1,705.57	879.29	794.06	85.23	10.316		
10,000.00	7,240.77	9,718.99	6,929.88	45.52	46.19	69.28	62.57	-1,805.53	879.31	791.15	88.16	9.974		
10,100.00	7,237.60	9,818.99	6,927.35	47.04	47.73	69.33	62.45	-1,905.50	879.32	788.22	91.10	9.652		
10,200.00	7,234.43	9,918.99	6,924.82	48.57	49.29	69.37	62.33	-2,005.46	879.34	785.28	94.06	9.348		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,018.99	6,922.29	50.11	50.85	69.42	62.22	-2,105.43	879.36	782.31	97.04	9.061		
10,400.00	7,228.08	10,118.98	6,919.77	51.66	52.42	69.46	62.10	-2,205.40	879.38	779.34	100.04	8.790		
10,500.00	7,224.91	10,218.98	6,917.24	53.21	53.99	69.51	61.98	-2,305.36	879.40	776.34	103.05	8.533		
10,600.00	7,221.74	10,318.98	6,914.71	54.78	55.57	69.55	61.86	-2,405.33	879.42	773.34	106.08	8.290		
10,700.00	7,218.56	10,418.98	6,912.18	56.34	57.15	69.60	61.75	-2,505.29	879.44	770.32	109.12	8.060		
10,800.00	7,215.39	10,518.97	6,909.65	57.92	58.74	69.65	61.63	-2,605.26	879.46	767.29	112.17	7.841		
10,900.00	7,212.22	10,618.97	6,907.12	59.50	60.34	69.69	61.51	-2,705.22	879.48	764.26	115.23	7.633		
11,000.00	7,209.05	10,718.97	6,904.59	61.08	61.94	69.74	61.39	-2,805.19	879.50	761.21	118.30	7.435		
11,100.00	7,205.87	10,818.97	6,902.06	62.67	63.54	69.78	61.27	-2,905.15	879.53	758.15	121.38	7.246		
11,200.00	7,202.70	10,918.96	6,899.53	64.26	65.15	69.83	61.16	-3,005.12	879.55	755.09	124.46	7.067		
11,300.00	7,199.53	11,018.96	6,897.00	65.86	66.75	69.87	61.04	-3,105.09	879.57	752.01	127.56	6.895		
11,400.00	7,196.36	11,118.96	6,894.47	67.46	68.37	69.92	60.92	-3,205.05	879.60	748.93	130.67	6.732		
11,500.00	7,193.18	11,218.96	6,891.94	69.06	69.98	69.96	60.80	-3,305.02	879.62	745.85	133.78	6.575		
11,600.00	7,190.01	11,318.95	6,889.41	70.67	71.60	70.01	60.68	-3,404.98	879.65	742.75	136.90	6.426		
11,700.00	7,186.84	11,418.95	6,886.88	72.28	73.22	70.05	60.57	-3,504.95	879.68	739.66	140.02	6.283		
11,800.00	7,183.66	11,518.95	6,884.36	73.89	74.84	70.10	60.45	-3,604.91	879.70	736.55	143.15	6.145		
11,900.00	7,180.49	11,618.95	6,881.83	75.50	76.47	70.14	60.33	-3,704.88	879.73	733.44	146.29	6.014		
12,000.00	7,177.32	11,718.94	6,879.30	77.12	78.09	70.19	60.21	-3,804.84	879.76	730.33	149.43	5.887		
12,100.00	7,174.15	11,818.94	6,876.77	78.74	79.72	70.23	60.09	-3,904.81	879.79	727.21	152.58	5.766		
12,200.00	7,170.97	11,918.94	6,874.24	80.36	81.35	70.28	59.98	-4,004.78	879.81	724.09	155.73	5.650		
12,300.00	7,167.80	12,018.94	6,871.71	81.99	82.98	70.32	59.86	-4,104.74	879.84	720.96	158.89	5.538		
12,400.00	7,164.63	12,118.93	6,869.18	83.61	84.62	70.37	59.74	-4,204.71	879.87	717.83	162.05	5.430		
12,500.00	7,161.46	12,218.93	6,866.65	85.24	86.25	70.41	59.62	-4,304.67	879.90	714.69	165.21	5.326		
12,600.00	7,158.28	12,318.93	6,864.12	86.87	87.89	70.46	59.50	-4,404.64	879.94	711.55	168.38	5.226		
12,700.00	7,155.11	12,418.93	6,861.59	88.50	89.53	70.50	59.39	-4,504.60	879.97	708.41	171.56	5.129		
12,800.00	7,151.94	12,518.93	6,859.06	90.13	91.16	70.55	59.27	-4,604.57	880.00	705.26	174.74	5.036		
12,900.00	7,148.76	12,618.92	6,856.53	91.76	92.80	70.59	59.15	-4,704.53	880.03	702.12	177.92	4.946		
13,000.00	7,145.59	12,718.92	6,854.00	93.40	94.45	70.64	59.03	-4,804.50	880.07	698.96	181.10	4.860		
13,100.00	7,142.42	12,818.92	6,851.47	95.03	96.09	70.69	58.91	-4,904.46	880.10	695.81	184.29	4.776		
13,200.00	7,139.25	12,918.92	6,848.95	96.67	97.73	70.73	58.80	-5,004.43	880.13	692.65	187.48	4.694		
13,300.00	7,136.07	13,018.91	6,846.42	98.31	99.38	70.78	58.68	-5,104.40	880.17	689.49	190.68	4.616		
13,400.00	7,132.90	13,118.91	6,843.89	99.95	101.02	70.82	58.56	-5,204.36	880.20	686.33	193.87	4.540		
13,500.00	7,129.73	13,218.91	6,841.36	101.59	102.67	70.87	58.44	-5,304.33	880.24	683.16	197.08	4.467		
13,600.00	7,126.56	13,318.91	6,838.83	103.23	104.31	70.91	58.33	-5,404.29	880.28	680.00	200.28	4.395		
13,700.00	7,123.38	13,418.90	6,836.30	104.87	105.96	70.96	58.21	-5,504.26	880.31	676.83	203.49	4.326		
13,800.00	7,120.21	13,518.90	6,833.77	106.51	107.61	71.00	58.09	-5,604.22	880.35	673.66	206.70	4.259		
13,900.00	7,117.04	13,618.90	6,831.24	108.16	109.26	71.05	57.97	-5,704.19	880.39	670.48	209.91	4.194		
14,000.00	7,113.87	13,718.90	6,828.71	109.80	110.91	71.09	57.85	-5,804.15	880.43	667.31	213.12	4.131		
14,100.00	7,110.69	13,818.89	6,826.18	111.45	112.56	71.14	57.74	-5,904.12	880.47	664.13	216.34	4.070		
14,200.00	7,107.52	13,918.89	6,823.65	113.10	114.21	71.18	57.62	-6,004.09	880.51	660.95	219.56	4.010		
14,300.00	7,104.35	14,018.89	6,821.12	114.74	115.86	71.23	57.50	-6,104.05	880.55	657.77	222.78	3.953		
14,400.00	7,101.17	14,118.89	6,818.59	116.39	117.51	71.27	57.38	-6,204.02	880.59	654.59	226.00	3.896		
14,500.00	7,098.00	14,218.88	6,816.06	118.04	119.17	71.32	57.26	-6,303.98	880.63	651.40	229.23	3.842		
14,600.00	7,094.83	14,318.88	6,813.53	119.69	120.82	71.36	57.15	-6,403.95	880.67	648.21	232.46	3.789		
14,700.00	7,091.66	14,418.88	6,811.01	121.34	122.47	71.41	57.03	-6,503.91	880.72	645.03	235.69	3.737		
14,800.00	7,088.48	14,518.88	6,808.48	122.99	124.13	71.45	56.91	-6,603.88	880.76	641.84	238.92	3.686		
14,900.00	7,085.31	14,618.87	6,805.95	124.64	125.78	71.50	56.79	-6,703.84	880.80	638.65	242.16	3.637		
15,000.00	7,082.14	14,718.87	6,803.42	126.29	127.44	71.54	56.67	-6,803.81	880.85	635.45	245.39	3.590		
15,100.00	7,078.97	14,818.87	6,800.89	127.94	129.09	71.59	56.56	-6,903.78	880.89	632.26	248.63	3.543		
15,200.00	7,075.79	14,918.87	6,798.36	129.60	130.75	71.63	56.44	-7,003.74	880.94	629.07	251.87	3.498		
15,300.00	7,072.62	15,018.86	6,795.83	131.25	132.41	71.68	56.32	-7,103.71	880.98	625.87	255.11	3.453		
15,400.00	7,069.45	15,118.86	6,793.30	132.90	134.06	71.72	56.20	-7,203.67	881.03	622.67	258.36	3.410		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
15,500.00	7,066.27	15,218.86	6,790.77	134.55	135.72	71.77	56.08	-7,303.64	881.08	619.47	261.60	3.368	
15,578.05	7,063.80	15,296.91	6,788.80	135.85	137.02	71.80	55.99	-7,381.66	881.11	616.98	264.13	3.336 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1	Offset Site Error:	0.00 usft
Survey Program:													0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1-MSA	Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
0.00	0.00	0.00	0.00	3.28	3.28	90.35	-0.73	119.99	120.00						
100.00	100.00	100.00	100.00	3.28	3.28	90.35	-0.73	119.99	120.00	112.47	7.53	15.938			
200.00	200.00	200.00	200.00	3.31	3.31	90.35	-0.73	119.99	120.00	112.42	7.57	15.843	CC, ES		
300.00	300.00	296.10	296.08	3.35	3.35	-33.16	-0.30	121.55	121.25	113.59	7.66	15.838			
400.00	399.93	392.07	391.92	3.41	3.41	-34.59	0.99	126.20	123.21	115.45	7.76	15.871			
500.00	499.68	487.80	487.32	3.49	3.50	-37.18	3.13	133.91	125.73	117.83	7.91	15.900			
600.00	599.13	583.19	582.05	3.60	3.60	-40.79	6.11	144.65	129.16	121.07	8.09	15.966			
700.00	698.15	678.14	675.92	3.74	3.74	-45.26	9.91	158.35	133.97	125.66	8.32	16.109			
800.00	796.63	776.64	773.00	3.93	3.92	-50.58	14.37	174.45	139.39	130.75	8.63	16.145			
900.00	894.68	875.47	870.40	4.15	4.12	-56.29	18.85	190.61	144.69	135.67	9.02	16.037			
1,000.00	992.71	974.30	967.79	4.40	4.35	-61.59	23.34	206.77	151.32	141.85	9.47	15.976			
1,100.00	1,090.75	1,073.12	1,065.18	4.68	4.60	-66.41	27.82	222.93	159.15	149.18	9.97	15.959			
1,200.00	1,188.79	1,171.94	1,162.57	4.98	4.86	-70.77	32.30	239.09	168.01	157.49	10.52	15.975			
1,300.00	1,286.83	1,270.77	1,259.96	5.30	5.14	-74.67	36.78	255.25	177.75	166.65	11.10	16.017			
1,400.00	1,384.86	1,369.59	1,357.35	5.63	5.43	-78.15	41.26	271.40	188.23	176.52	11.71	16.078			
1,500.00	1,482.90	1,468.41	1,454.74	5.98	5.73	-81.27	45.74	287.56	199.33	186.99	12.34	16.152			
1,600.00	1,580.94	1,567.24	1,552.13	6.33	6.03	-84.05	50.23	303.72	210.95	197.96	12.99	16.235			
1,700.00	1,678.98	1,666.06	1,649.52	6.69	6.35	-86.54	54.71	319.88	223.02	209.36	13.66	16.325			
1,800.00	1,777.01	1,764.89	1,746.91	7.06	6.67	-88.77	59.19	336.04	235.47	221.13	14.34	16.419			
1,900.00	1,875.05	1,863.71	1,844.30	7.27	6.90	-90.78	63.67	352.20	248.23	233.84	14.39	17.251			
2,000.00	1,973.09	1,962.53	1,941.69	7.31	6.99	-92.59	68.15	368.36	261.26	246.73	14.53	17.982			
2,100.00	2,071.13	2,061.36	2,039.08	7.38	7.04	-94.22	72.63	384.52	274.53	259.89	14.65	18.743			
2,200.00	2,169.16	2,160.18	2,136.47	7.46	7.10	-95.71	77.12	400.68	288.00	273.21	14.80	19.466			
2,300.00	2,267.20	2,259.00	2,233.86	7.56	7.18	-97.06	81.60	416.84	301.64	286.67	14.97	20.145			
2,400.00	2,365.24	2,357.83	2,331.25	7.67	7.27	-98.30	86.08	433.00	315.44	300.26	15.18	20.779			
2,500.00	2,463.28	2,456.65	2,428.64	7.80	7.38	-99.43	90.56	449.16	329.37	313.95	15.42	21.366			
2,600.00	2,561.31	2,555.47	2,526.03	7.95	7.50	-100.47	95.04	465.32	343.41	327.73	15.68	21.905			
2,700.00	2,659.35	2,654.30	2,623.42	8.11	7.63	-101.43	99.52	481.48	357.56	341.59	15.96	22.398			
2,800.00	2,757.39	2,753.12	2,720.81	8.28	7.77	-102.31	104.00	497.64	371.79	355.52	16.28	22.844			
2,900.00	2,855.43	2,851.94	2,818.20	8.47	7.93	-103.13	108.49	513.80	386.11	369.50	16.61	23.247			
3,000.00	2,953.46	2,950.77	2,915.59	8.66	8.09	-103.90	112.97	529.96	400.50	383.54	16.96	23.609			
3,100.00	3,051.50	3,049.59	3,012.98	8.87	8.27	-104.60	117.45	546.12	414.96	397.62	17.34	23.931			
3,200.00	3,149.54	3,148.42	3,110.37	9.09	8.46	-105.27	121.93	562.28	429.47	411.73	17.73	24.218			
3,300.00	3,247.58	3,247.24	3,207.77	9.32	8.65	-105.88	126.41	578.44	444.03	425.89	18.14	24.472			
3,400.00	3,345.61	3,346.06	3,305.16	9.55	8.85	-106.46	130.89	594.60	458.65	440.07	18.57	24.695			
3,500.00	3,443.65	3,444.89	3,402.55	9.80	9.06	-107.01	135.38	610.76	473.30	454.29	19.02	24.891			
3,600.00	3,541.69	3,543.71	3,499.94	10.05	9.28	-107.52	139.86	626.92	488.00	468.52	19.47	25.061			
3,700.00	3,639.73	3,642.53	3,597.33	10.31	9.50	-108.00	144.34	643.08	502.73	482.79	19.94	25.209			
3,800.00	3,737.76	3,741.36	3,694.72	10.57	9.73	-108.45	148.82	659.24	517.49	497.07	20.42	25.337			
3,900.00	3,835.80	3,840.18	3,792.11	10.84	9.97	-108.88	153.30	675.40	532.28	511.37	20.92	25.447			
4,000.00	3,933.84	3,939.00	3,889.50	11.12	10.21	-109.28	157.78	691.56	547.10	525.68	21.42	25.540			
4,100.00	4,031.88	4,037.83	3,986.89	11.40	10.46	-109.67	162.27	707.72	561.95	540.02	21.94	25.619			
4,200.00	4,129.91	4,136.65	4,084.28	11.69	10.71	-110.03	166.75	723.88	576.82	554.36	22.46	25.685			
4,300.00	4,227.95	4,235.47	4,181.67	11.98	10.96	-110.38	171.23	740.04	591.71	568.72	22.99	25.739			
4,400.00	4,325.99	4,334.30	4,279.06	12.27	11.22	-110.70	175.71	756.20	606.62	583.09	23.53	25.783			
4,500.00	4,424.03	4,433.12	4,376.45	12.57	11.48	-111.02	180.19	772.36	621.55	597.48	24.07	25.818			
4,600.00	4,522.06	4,531.95	4,473.84	12.88	11.75	-111.32	184.67	788.52	636.50	611.87	24.63	25.845			
4,700.00	4,620.10	4,630.77	4,571.23	13.18	12.02	-111.60	189.15	804.68	651.46	626.28	25.19	25.865			
4,800.00	4,718.14	4,729.59	4,668.62	13.49	12.29	-111.87	193.64	820.84	666.44	640.69	25.75	25.879			
4,900.00	4,816.17	4,828.42	4,766.01	13.80	12.57	-112.13	198.12	837.00	681.43	655.11	26.32	25.887			
5,000.00	4,914.21	4,927.24	4,863.40	14.12	12.85	-112.38	202.60	853.16	696.44	669.54	26.90	25.890			
5,100.00	5,012.25	5,026.06	4,960.79	14.43	13.13	-112.62	207.08	869.32	711.46	683.98	27.48	25.889			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,110.29	5,124.89	5,058.18	14.75	13.41	-112.85	211.56	885.48	726.48	698.42	28.07	25.885		
5,300.00	5,208.32	5,223.71	5,155.57	15.07	13.70	-113.07	216.04	901.64	741.52	712.87	28.66	25.877		
5,400.00	5,306.36	5,322.53	5,252.96	15.40	13.98	-113.28	220.53	917.80	756.58	727.33	29.25	25.866		
5,500.00	5,404.40	5,421.36	5,350.35	15.72	14.27	-113.48	225.01	933.96	771.63	741.79	29.85	25.853		
5,600.00	5,502.44	5,520.18	5,447.74	16.05	14.56	-113.67	229.49	950.12	786.70	756.26	30.45	25.837		
5,700.00	5,600.47	5,619.00	5,545.13	16.38	14.86	-113.86	233.97	966.28	801.78	770.73	31.05	25.820		
5,800.00	5,698.51	5,717.83	5,642.52	16.71	15.15	-114.04	238.45	982.44	816.87	785.21	31.66	25.801		
5,900.00	5,796.55	5,816.65	5,739.91	17.04	15.45	-114.21	242.93	998.60	831.96	799.69	32.27	25.781		
6,000.00	5,894.59	5,915.48	5,837.30	17.38	15.75	-114.38	247.42	1,014.76	847.06	814.18	32.88	25.759		
6,100.00	5,992.62	6,014.30	5,934.69	17.71	16.05	-114.54	251.90	1,030.91	862.17	828.67	33.50	25.736		
6,200.00	6,090.66	6,113.12	6,032.08	18.05	16.35	-114.70	256.38	1,047.07	877.28	843.16	34.12	25.713		
6,300.00	6,188.70	6,211.95	6,129.47	18.39	16.65	-114.85	260.86	1,063.23	892.40	857.66	34.74	25.689		
6,400.00	6,286.74	6,310.77	6,226.87	18.72	16.95	-114.99	265.34	1,079.39	907.52	872.16	35.36	25.664		
6,500.00	6,384.77	6,409.59	6,324.26	19.06	17.25	-115.14	269.82	1,095.55	922.66	886.67	35.99	25.638		
6,600.00	6,482.81	6,508.42	6,421.65	19.40	17.56	-115.27	274.31	1,111.71	937.79	901.18	36.61	25.613		
6,700.00	6,580.86	6,622.35	6,534.57	19.74	17.83	-117.75	279.46	1,124.98	952.40	915.19	37.21	25.595		
6,800.00	6,679.86	6,740.26	6,652.00	19.94	17.99	-175.84	284.68	1,118.07	966.25	928.70	37.56	25.729		
6,900.00	6,778.81	6,854.63	6,762.81	20.07	18.06	128.41	289.46	1,090.80	980.13	942.41	37.72	25.984		
7,000.00	6,875.27	6,965.37	6,863.80	20.15	18.06	110.74	293.68	1,045.91	993.79	956.05	37.75	26.327		
7,100.00	6,966.86	7,072.53	6,952.73	20.17	18.04	102.40	297.25	986.45	1,006.98	969.29	37.69	26.718		
7,200.00	7,051.33	7,176.30	7,028.18	20.15	18.03	97.08	300.14	915.44	1,019.40	981.80	37.61	27.108		
7,300.00	7,126.59	7,276.91	7,089.41	20.10	18.05	93.16	302.33	835.77	1,030.77	993.21	37.56	27.445		
7,400.00	7,190.80	7,374.62	7,136.18	20.04	18.15	90.10	303.83	750.10	1,040.80	1,003.19	37.61	27.675		
7,500.00	7,242.38	7,469.71	7,168.60	19.99	18.33	87.64	304.66	660.80	1,049.21	1,011.41	37.80	27.756		
7,600.00	7,280.05	7,562.46	7,187.10	19.97	18.60	85.71	304.85	570.00	1,055.75	1,017.59	38.17	27.661		
7,700.00	7,302.88	7,653.11	7,192.26	19.99	18.94	84.24	304.45	479.58	1,060.23	1,021.52	38.71	27.388		
7,800.00	7,310.32	7,751.32	7,189.24	20.09	19.44	83.45	303.63	381.42	1,062.10	1,022.60	39.50	26.890		
7,900.00	7,307.40	7,851.31	7,186.06	20.33	20.06	83.44	302.79	281.48	1,061.70	1,021.16	40.54	26.192		
8,000.00	7,304.23	7,951.31	7,182.88	20.77	20.79	83.44	301.95	181.53	1,061.24	1,019.42	41.82	25.378		
8,100.00	7,301.05	8,051.31	7,179.70	21.38	21.63	83.44	301.10	81.59	1,060.78	1,017.46	43.32	24.488		
8,200.00	7,297.88	8,151.31	7,176.52	22.15	22.55	83.43	300.26	-18.36	1,060.32	1,015.30	45.02	23.552		
8,300.00	7,294.71	8,251.31	7,173.34	23.03	23.57	83.43	299.42	-118.30	1,059.86	1,012.97	46.90	22.599		
8,400.00	7,291.54	8,351.31	7,170.16	24.00	24.65	83.43	298.58	-218.25	1,059.41	1,010.47	48.93	21.650		
8,500.00	7,288.36	8,451.31	7,166.98	25.05	25.79	83.42	297.74	-318.19	1,058.95	1,007.84	51.11	20.721		
8,600.00	7,285.19	8,551.31	7,163.81	26.17	26.99	83.42	296.90	-418.14	1,058.49	1,005.09	53.40	19.822		
8,700.00	7,282.02	8,651.30	7,160.63	27.34	28.24	83.42	296.05	-518.08	1,058.03	1,002.23	55.80	18.962		
8,800.00	7,278.85	8,751.30	7,157.45	28.57	29.53	83.41	295.21	-618.03	1,057.57	999.28	58.29	18.143		
8,900.00	7,275.67	8,851.30	7,154.27	29.84	30.85	83.41	294.37	-717.97	1,057.11	996.25	60.86	17.369		
9,000.00	7,272.50	8,951.30	7,151.09	31.14	32.21	83.41	293.53	-817.92	1,056.66	993.15	63.51	16.638		
9,100.00	7,269.33	9,051.30	7,147.91	32.48	33.59	83.40	292.69	-917.86	1,056.20	989.98	66.21	15.951		
9,200.00	7,266.15	9,151.30	7,144.73	33.85	35.00	83.40	291.85	-1,017.81	1,055.74	986.76	68.98	15.306		
9,300.00	7,262.98	9,251.30	7,141.55	35.24	36.44	83.40	291.00	-1,117.75	1,055.28	983.50	71.79	14.700		
9,400.00	7,259.81	9,351.30	7,138.37	36.66	37.89	83.39	290.16	-1,217.70	1,054.82	980.18	74.64	14.132		
9,500.00	7,256.64	9,451.30	7,135.19	38.10	39.36	83.39	289.32	-1,317.64	1,054.36	976.83	77.53	13.599		
9,600.00	7,253.46	9,551.29	7,132.01	39.55	40.84	83.39	288.48	-1,417.59	1,053.91	973.45	80.46	13.099		
9,700.00	7,250.29	9,651.29	7,128.83	41.02	42.34	83.38	287.64	-1,517.53	1,053.45	970.03	83.41	12.629		
9,800.00	7,247.12	9,751.29	7,125.65	42.51	43.85	83.38	286.80	-1,617.48	1,052.99	966.59	86.40	12.188		
9,900.00	7,243.95	9,851.29	7,122.47	44.01	45.38	83.38	285.95	-1,717.42	1,052.53	963.13	89.41	11.773		
10,000.00	7,240.77	9,951.29	7,119.29	45.52	46.91	83.37	285.11	-1,817.37	1,052.07	959.64	92.44	11.382		
10,100.00	7,237.60	10,051.29	7,116.11	47.04	48.45	83.37	284.27	-1,917.31	1,051.61	956.13	95.49	11.013		
10,200.00	7,234.43	10,151.29	7,112.93	48.57	50.00	83.37	283.43	-2,017.25	1,051.16	952.60	98.56	10.666		
10,300.00	7,231.25	10,251.29	7,109.75	50.11	51.56	83.36	282.59	-2,117.20	1,050.70	949.06	101.64	10.337		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1-MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,228.08	10,351.29	7,106.58	51.66	53.12	83.36	281.75	-2,217.14	1,050.24	945.50	104.74	10.027		
10,500.00	7,224.91	10,451.29	7,103.40	53.21	54.69	83.36	280.90	-2,317.09	1,049.78	941.93	107.86	9.733		
10,600.00	7,221.74	10,551.28	7,100.22	54.78	56.27	83.35	280.06	-2,417.03	1,049.32	938.34	110.98	9.455		
10,700.00	7,218.56	10,651.28	7,097.04	56.34	57.85	83.35	279.22	-2,516.98	1,048.87	934.74	114.12	9.191		
10,800.00	7,215.39	10,751.28	7,093.86	57.92	59.44	83.35	278.38	-2,616.92	1,048.41	931.14	117.27	8.940		
10,900.00	7,212.22	10,851.28	7,090.68	59.50	61.03	83.34	277.54	-2,716.87	1,047.95	927.52	120.43	8.702		
11,000.00	7,209.05	10,951.28	7,087.50	61.08	62.62	83.34	276.70	-2,816.81	1,047.49	923.90	123.60	8.475		
11,100.00	7,205.87	11,051.28	7,084.32	62.67	64.22	83.34	275.85	-2,916.76	1,047.03	920.26	126.77	8.259		
11,200.00	7,202.70	11,151.28	7,081.14	64.26	65.83	83.33	275.01	-3,016.70	1,046.57	916.62	129.95	8.053		
11,300.00	7,199.53	11,251.28	7,077.96	65.86	67.43	83.33	274.17	-3,116.65	1,046.12	912.97	133.15	7.857		
11,400.00	7,196.36	11,351.28	7,074.78	67.46	69.04	83.33	273.33	-3,216.59	1,045.66	909.32	136.34	7.669		
11,500.00	7,193.18	11,451.27	7,071.60	69.06	70.65	83.32	272.49	-3,316.54	1,045.20	905.65	139.55	7.490		
11,600.00	7,190.01	11,551.27	7,068.42	70.67	72.27	83.32	271.65	-3,416.48	1,044.74	901.99	142.76	7.318		
11,700.00	7,186.84	11,651.27	7,065.24	72.28	73.88	83.32	270.80	-3,516.43	1,044.28	898.31	145.97	7.154		
11,800.00	7,183.66	11,751.27	7,062.06	73.89	75.50	83.32	269.96	-3,616.37	1,043.83	894.64	149.19	6.997		
11,900.00	7,180.49	11,851.27	7,058.88	75.50	77.13	83.31	269.12	-3,716.32	1,043.37	890.95	152.41	6.846		
12,000.00	7,177.32	11,951.27	7,055.70	77.12	78.75	83.31	268.28	-3,816.26	1,042.91	887.27	155.64	6.701		
12,100.00	7,174.15	12,051.27	7,052.52	78.74	80.37	83.31	267.44	-3,916.21	1,042.45	883.58	158.87	6.561		
12,200.00	7,170.97	12,151.27	7,049.35	80.36	82.00	83.30	266.60	-4,016.15	1,041.99	879.88	162.11	6.428		
12,300.00	7,167.80	12,251.27	7,046.17	81.99	83.63	83.30	265.75	-4,116.10	1,041.53	876.18	165.35	6.299		
12,400.00	7,164.63	12,351.26	7,042.99	83.61	85.26	83.30	264.91	-4,216.04	1,041.08	872.48	168.60	6.175		
12,500.00	7,161.46	12,451.26	7,039.81	85.24	86.89	83.29	264.07	-4,315.99	1,040.62	868.78	171.84	6.056		
12,600.00	7,158.28	12,551.26	7,036.63	86.87	88.53	83.29	263.23	-4,415.93	1,040.16	865.07	175.09	5.941		
12,700.00	7,155.11	12,651.26	7,033.45	88.50	90.16	83.28	262.39	-4,515.88	1,039.70	861.36	178.35	5.830		
12,800.00	7,151.94	12,751.26	7,030.27	90.13	91.80	83.28	261.55	-4,615.82	1,039.24	857.64	181.60	5.723		
12,900.00	7,148.76	12,851.26	7,027.09	91.76	93.44	83.28	260.70	-4,715.77	1,038.79	853.93	184.86	5.619		
13,000.00	7,145.59	12,951.26	7,023.91	93.40	95.08	83.27	259.86	-4,815.71	1,038.33	850.21	188.12	5.519		
13,100.00	7,142.42	13,051.26	7,020.73	95.03	96.72	83.27	259.02	-4,915.66	1,037.87	846.49	191.38	5.423		
13,200.00	7,139.25	13,151.26	7,017.55	96.67	98.36	83.27	258.18	-5,015.60	1,037.41	842.76	194.65	5.330		
13,300.00	7,136.07	13,251.26	7,014.37	98.31	100.00	83.26	257.34	-5,115.54	1,036.95	839.04	197.92	5.239		
13,400.00	7,132.90	13,351.25	7,011.19	99.95	101.64	83.26	256.50	-5,215.49	1,036.50	835.31	201.18	5.152		
13,500.00	7,129.73	13,451.25	7,008.01	101.59	103.29	83.26	255.65	-5,315.43	1,036.04	831.58	204.46	5.067		
13,600.00	7,126.56	13,551.25	7,004.83	103.23	104.93	83.25	254.81	-5,415.38	1,035.58	827.85	207.73	4.985		
13,700.00	7,123.38	13,651.25	7,001.65	104.87	106.58	83.25	253.97	-5,515.32	1,035.12	824.12	211.00	4.906		
13,800.00	7,120.21	13,751.25	6,998.47	106.51	108.22	83.25	253.13	-5,615.27	1,034.66	820.38	214.28	4.829		
13,900.00	7,117.04	13,851.25	6,995.29	108.16	109.87	83.24	252.29	-5,715.21	1,034.20	816.65	217.56	4.754		
14,000.00	7,113.87	13,951.25	6,992.12	109.80	111.52	83.24	251.45	-5,815.16	1,033.75	812.91	220.84	4.681		
14,100.00	7,110.69	14,051.25	6,988.94	111.45	113.17	83.24	250.60	-5,915.10	1,033.29	809.17	224.12	4.610		
14,200.00	7,107.52	14,151.25	6,985.76	113.10	114.81	83.23	249.76	-6,015.05	1,032.83	805.43	227.40	4.542		
14,300.00	7,104.35	14,251.24	6,982.58	114.74	116.46	83.23	248.92	-6,114.99	1,032.37	801.69	230.68	4.475		
14,400.00	7,101.17	14,351.24	6,979.40	116.39	118.11	83.23	248.08	-6,214.94	1,031.91	797.95	233.97	4.411		
14,500.00	7,098.00	14,451.24	6,976.22	118.04	119.77	83.22	247.24	-6,314.88	1,031.46	794.20	237.25	4.347		
14,600.00	7,094.83	14,551.24	6,973.04	119.69	121.42	83.22	246.40	-6,414.83	1,031.00	790.46	240.54	4.286		
14,700.00	7,091.66	14,651.24	6,969.86	121.34	123.07	83.22	245.55	-6,514.77	1,030.54	786.71	243.83	4.227		
14,800.00	7,088.48	14,751.24	6,966.68	122.99	124.72	83.21	244.71	-6,614.72	1,030.08	782.96	247.12	4.168		
14,900.00	7,085.31	14,851.24	6,963.50	124.64	126.37	83.21	243.87	-6,714.66	1,029.62	779.22	250.41	4.112		
15,000.00	7,082.14	14,951.24	6,960.32	126.29	128.03	83.21	243.03	-6,814.61	1,029.17	775.47	253.70	4.057		
15,100.00	7,078.97	15,051.24	6,957.14	127.94	129.68	83.20	242.19	-6,914.55	1,028.71	771.72	256.99	4.003		
15,200.00	7,075.79	15,151.24	6,953.96	129.60	131.34	83.20	241.35	-7,014.50	1,028.25	767.97	260.28	3.951		
15,300.00	7,072.62	15,251.23	6,950.78	131.25	132.99	83.20	240.50	-7,114.44	1,027.79	764.22	263.58	3.899		
15,400.00	7,069.45	15,351.23	6,947.60	132.90	134.65	83.19	239.66	-7,214.39	1,027.33	760.46	266.87	3.850		
15,500.00	7,066.27	15,451.23	6,944.42	134.55	136.30	83.19	238.82	-7,314.33	1,026.88	756.71	270.17	3.801		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,578.05	7,063.80	15,529.28	6,941.94	135.85	137.59	83.19	238.16	-7,392.34	1,026.52	753.78	272.74	3.764 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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, ES	
300.00	300.00	299.34	299.32	3.35	3.35	-31.85	-0.73	21.60	21.26	13.60	7.65	2.777		
400.00	399.93	398.62	398.46	3.41	3.41	-31.19	-2.93	26.27	23.05	15.29	7.76	2.969		
500.00	499.68	497.84	497.30	3.49	3.50	-31.63	-6.59	34.04	25.04	17.13	7.91	3.166		
600.00	599.13	596.99	595.72	3.60	3.61	-32.91	-11.69	44.89	27.24	19.14	8.10	3.363		
700.00	698.15	696.07	693.59	3.74	3.76	-34.83	-18.24	58.81	29.67	21.33	8.34	3.556		
800.00	796.63	795.62	791.44	3.93	3.96	-37.67	-26.04	75.39	31.89	23.23	8.66	3.681		
900.00	894.68	894.42	889.63	4.15	4.21	-42.48	-34.02	92.34	32.72	23.63	9.09	3.598		
1,000.00	992.71	1,004.46	987.82	4.40	4.46	-47.09	-41.99	109.29	33.73	24.15	9.58	3.522		
1,100.00	1,090.75	1,095.50	1,086.01	4.68	4.72	-51.42	-49.97	126.23	34.94	24.84	10.09	3.462		
1,200.00	1,188.79	1,204.54	1,184.20	4.98	5.04	-55.43	-57.94	143.18	36.33	25.63	10.71	3.393		
1,300.00	1,286.83	1,304.58	1,282.39	5.30	5.35	-59.13	-65.92	160.13	37.90	26.55	11.34	3.341		
1,400.00	1,384.86	1,395.37	1,380.57	5.63	5.64	-62.53	-73.89	177.08	39.60	27.62	11.99	3.304		
1,500.00	1,482.90	1,504.67	1,478.76	5.98	6.01	-65.63	-81.87	194.02	41.44	28.72	12.71	3.259		
1,600.00	1,580.94	1,604.71	1,576.95	6.33	6.36	-68.46	-89.84	210.97	43.38	29.94	13.44	3.229		
1,700.00	1,678.98	1,704.75	1,675.14	6.69	6.71	-71.05	-97.82	227.92	45.42	31.25	14.18	3.204		
1,800.00	1,777.01	1,804.79	1,773.33	7.06	7.06	-73.41	-105.79	244.87	47.55	32.63	14.92	3.187		
1,900.00	1,875.05	1,904.83	1,871.52	7.27	7.25	-75.56	-113.77	261.82	49.75	34.79	14.96	3.325		
2,000.00	1,973.09	2,004.87	1,969.71	7.31	7.29	-77.53	-121.74	278.76	52.01	36.93	15.08	3.449		
2,100.00	2,071.13	2,104.91	2,067.89	7.38	7.35	-79.33	-129.72	295.71	54.33	39.10	15.23	3.568		
2,200.00	2,169.16	2,204.95	2,166.08	7.46	7.43	-80.98	-137.69	312.66	56.70	41.29	15.41	3.680		
2,300.00	2,267.20	2,304.99	2,264.27	7.56	7.53	-82.50	-145.67	329.61	59.11	43.50	15.62	3.785		
2,400.00	2,365.24	2,405.03	2,362.46	7.67	7.64	-83.90	-153.64	346.56	61.56	45.71	15.85	3.883		
2,500.00	2,463.28	2,505.08	2,460.65	7.80	7.76	-85.20	-161.62	363.50	64.05	47.93	16.12	3.973		
2,600.00	2,561.31	2,605.12	2,558.84	7.95	7.90	-86.39	-169.59	380.45	66.56	50.15	16.41	4.055		
2,700.00	2,659.35	2,705.16	2,657.03	8.11	8.06	-87.50	-177.57	397.40	69.11	52.37	16.73	4.130		
2,800.00	2,757.39	2,805.20	2,755.21	8.28	8.22	-88.53	-185.54	414.35	71.67	54.60	17.07	4.198		
2,900.00	2,855.43	2,905.24	2,853.40	8.47	8.40	-89.48	-193.52	431.29	74.26	56.82	17.44	4.258		
3,000.00	2,953.46	3,005.28	2,951.59	8.66	8.59	-90.37	-201.49	448.24	76.87	59.04	17.83	4.312		
3,100.00	3,051.50	3,105.32	3,049.78	8.87	8.79	-91.21	-209.47	465.19	79.49	61.26	18.23	4.360		
3,200.00	3,149.54	3,205.36	3,147.97	9.09	9.00	-91.99	-217.44	482.14	82.13	63.47	18.66	4.402		
3,300.00	3,247.58	3,305.40	3,246.16	9.32	9.22	-92.72	-225.42	499.09	84.78	65.69	19.10	4.439		
3,400.00	3,345.61	3,405.44	3,344.35	9.55	9.45	-93.41	-233.39	516.03	87.45	67.89	19.56	4.472		
3,500.00	3,443.65	3,505.48	3,442.53	9.80	9.68	-94.05	-241.37	532.98	90.13	70.10	20.03	4.500		
3,600.00	3,541.69	3,594.48	3,540.72	10.05	9.90	-94.66	-249.34	549.93	92.82	72.33	20.49	4.530		
3,700.00	3,639.73	3,705.57	3,638.91	10.31	10.17	-95.24	-257.32	566.88	95.52	74.50	21.02	4.545		
3,800.00	3,737.76	3,805.61	3,737.10	10.57	10.43	-95.78	-265.29	583.82	98.23	76.70	21.53	4.562		
3,900.00	3,835.80	3,905.65	3,835.29	10.84	10.69	-96.29	-273.27	600.77	100.94	78.89	22.05	4.577		
4,000.00	3,933.84	4,005.69	3,933.48	11.12	10.96	-96.78	-281.24	617.72	103.67	81.08	22.59	4.589		
4,100.00	4,031.88	4,094.27	4,031.67	11.40	11.20	-97.24	-289.22	634.67	106.40	83.30	23.10	4.606		
4,200.00	4,129.91	4,205.77	4,129.85	11.69	11.51	-97.68	-297.19	651.62	109.14	85.45	23.68	4.608		
4,300.00	4,227.95	4,294.19	4,228.04	11.98	11.76	-98.10	-305.17	668.56	111.88	87.67	24.21	4.621		
4,400.00	4,325.99	4,405.85	4,326.23	12.27	12.07	-98.49	-313.14	685.51	114.63	89.82	24.81	4.620		
4,500.00	4,424.03	4,505.89	4,424.42	12.57	12.36	-98.87	-321.12	702.46	117.39	92.00	25.39	4.623		
4,600.00	4,522.06	4,605.93	4,522.61	12.88	12.66	-99.23	-329.09	719.41	120.15	94.18	25.97	4.626		
4,700.00	4,620.10	4,705.97	4,620.80	13.18	12.95	-99.58	-337.07	736.36	122.91	96.35	26.56	4.628		
4,800.00	4,718.14	4,806.02	4,718.99	13.49	13.25	-99.91	-345.04	753.30	125.68	98.53	27.16	4.628		
4,900.00	4,816.17	4,906.06	4,817.17	13.80	13.55	-100.22	-353.02	770.25	128.46	100.70	27.76	4.628		
5,000.00	4,914.21	5,006.10	4,915.36	14.12	13.86	-100.53	-360.99	787.20	131.23	102.87	28.36	4.627		
5,100.00	5,012.25	5,106.14	5,013.55	14.43	14.17	-100.82	-368.97	804.15	134.01	105.04	28.97	4.626		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,110.29	5,206.18	5,111.74	14.75	14.48	-101.09	-376.94	821.09	136.80	107.21	29.59	4.624		
5,300.00	5,208.32	5,306.22	5,209.93	15.07	14.79	-101.36	-384.92	838.04	139.58	109.38	30.20	4.621		
5,400.00	5,306.36	5,406.26	5,308.12	15.40	15.10	-101.62	-392.89	854.99	142.37	111.55	30.83	4.619		
5,500.00	5,404.40	5,506.30	5,406.30	15.72	15.42	-101.86	-400.87	871.94	145.16	113.71	31.45	4.615		
5,600.00	5,502.44	5,593.66	5,504.49	16.05	15.69	-102.10	-408.84	888.89	147.96	115.92	32.04	4.618		
5,700.00	5,600.47	5,706.38	5,602.68	16.38	16.05	-102.33	-416.82	905.83	150.76	118.04	32.71	4.608		
5,800.00	5,698.51	5,806.42	5,700.87	16.71	16.38	-102.55	-424.79	922.78	153.56	120.20	33.35	4.604		
5,900.00	5,796.55	5,906.47	5,799.06	17.04	16.70	-102.76	-432.77	939.73	156.36	122.37	33.99	4.600		
6,000.00	5,894.59	6,006.51	5,897.25	17.38	17.02	-102.97	-440.74	956.68	159.16	124.53	34.63	4.596		
6,100.00	5,992.62	6,106.55	5,995.44	17.71	17.35	-103.16	-448.72	973.63	161.97	126.69	35.27	4.592		
6,200.00	6,090.66	6,206.59	6,093.62	18.05	17.67	-103.35	-456.69	990.57	164.77	128.85	35.92	4.587		
6,300.00	6,188.70	6,306.63	6,191.81	18.39	18.00	-103.54	-464.67	1,007.52	167.58	131.01	36.57	4.583		
6,400.00	6,286.74	6,406.67	6,290.00	18.72	18.33	-103.72	-472.64	1,024.47	170.39	133.17	37.22	4.578		
6,500.00	6,384.77	6,494.61	6,389.51	19.06	18.61	-103.94	-480.73	1,041.48	173.16	135.33	37.83	4.578		
6,600.00	6,482.81	6,603.33	6,497.53	19.40	18.81	-107.77	-489.58	1,048.28	172.63	134.50	38.14	4.527		
6,700.00	6,580.86	6,705.48	6,598.67	19.74	18.93	-118.74	-497.97	1,037.78	169.91	131.95	37.96	4.476		
6,722.36	6,602.87	6,727.19	6,619.89	19.79	18.94	-128.40	-499.74	1,033.46	169.75	131.91	37.84	4.486		
6,800.00	6,679.86	6,800.74	6,690.38	19.94	18.97	174.80	-505.66	1,013.49	171.69	134.33	37.35	4.596		
6,900.00	6,778.81	6,891.71	6,773.64	20.07	18.98	111.52	-512.74	977.74	179.35	142.78	36.57	4.904		
7,000.00	6,875.27	6,979.09	6,848.06	20.15	18.96	87.64	-519.15	932.52	191.39	155.71	35.68	5.364		
7,100.00	6,966.86	7,063.53	6,913.45	20.17	18.92	74.52	-524.86	879.51	206.03	171.28	34.75	5.928		
7,200.00	7,051.33	7,145.56	6,969.75	20.15	18.88	65.73	-529.86	820.13	221.65	187.77	33.88	6.542		
7,300.00	7,126.59	7,225.63	7,016.92	20.10	18.86	59.44	-534.15	755.63	236.98	203.81	33.17	7.145		
7,400.00	7,190.80	7,304.15	7,054.98	20.04	18.85	54.84	-537.71	687.11	251.03	218.33	32.71	7.675		
7,500.00	7,242.38	7,381.43	7,083.95	19.99	18.88	51.50	-540.54	615.57	263.12	230.54	32.58	8.076		
7,600.00	7,280.05	7,457.80	7,103.90	19.97	18.95	49.17	-542.64	541.94	272.74	239.92	32.81	8.371		
7,700.00	7,302.88	7,533.50	7,114.86	19.99	19.08	47.67	-544.01	467.08	279.53	246.13	33.40	8.370		
7,800.00	7,310.32	7,609.97	7,116.88	20.09	19.27	46.92	-544.65	390.69	283.26	249.01	34.25	8.269		
7,900.00	7,307.40	7,709.96	7,114.25	20.33	19.67	46.95	-545.06	290.73	283.06	248.12	34.94	8.101		
8,000.00	7,304.23	7,809.96	7,111.62	20.77	20.22	47.03	-545.47	190.77	282.67	246.84	35.83	7.888		
8,100.00	7,301.05	7,909.96	7,108.99	21.38	20.92	47.11	-545.87	90.81	282.28	245.36	36.92	7.647		
8,200.00	7,297.88	8,009.96	7,106.37	22.15	21.74	47.19	-546.28	-9.16	281.89	243.72	38.17	7.385		
8,300.00	7,294.71	8,109.96	7,103.74	23.03	22.66	47.26	-546.69	-109.12	281.50	241.92	39.58	7.112		
8,400.00	7,291.54	8,209.96	7,101.11	24.00	23.67	47.34	-547.10	-209.08	281.11	239.97	41.14	6.834		
8,500.00	7,288.36	8,309.96	7,098.48	25.05	24.76	47.42	-547.50	-309.05	280.72	237.90	42.82	6.556		
8,600.00	7,285.19	8,409.95	7,095.85	26.17	25.91	47.50	-547.91	-409.01	280.33	235.72	44.61	6.284		
8,700.00	7,282.02	8,509.95	7,093.23	27.34	27.11	47.58	-548.32	-508.97	279.94	233.43	46.51	6.019		
8,800.00	7,278.85	8,609.95	7,090.60	28.57	28.37	47.65	-548.73	-608.94	279.55	231.06	48.49	5.765		
8,900.00	7,275.67	8,709.95	7,087.97	29.84	29.66	47.73	-549.13	-708.90	279.16	228.61	50.55	5.522		
9,000.00	7,272.50	8,809.95	7,085.34	31.14	30.99	47.81	-549.54	-808.86	278.78	226.09	52.69	5.291		
9,100.00	7,269.33	8,909.95	7,082.72	32.48	32.35	47.89	-549.95	-908.83	278.39	223.51	54.89	5.072		
9,200.00	7,266.15	9,009.95	7,080.09	33.85	33.74	47.97	-550.36	-1,008.79	278.01	220.86	57.14	4.865		
9,300.00	7,262.98	9,109.94	7,077.46	35.24	35.16	48.05	-550.77	-1,108.75	277.62	218.17	59.45	4.670		
9,400.00	7,259.81	9,209.94	7,074.83	36.66	36.59	48.13	-551.17	-1,208.71	277.24	215.44	61.80	4.486		
9,500.00	7,256.64	9,309.94	7,072.20	38.10	38.05	48.21	-551.58	-1,308.68	276.85	212.66	64.19	4.313		
9,600.00	7,253.46	9,409.94	7,069.58	39.55	39.52	48.29	-551.99	-1,408.64	276.47	209.85	66.61	4.150		
9,700.00	7,250.29	9,509.94	7,066.95	41.02	41.01	48.37	-552.40	-1,508.60	276.08	207.01	69.07	3.997		
9,800.00	7,247.12	9,609.94	7,064.32	42.51	42.51	48.45	-552.80	-1,608.57	275.70	204.14	71.57	3.852		
9,900.00	7,243.95	9,709.93	7,061.69	44.01	44.02	48.53	-553.21	-1,708.53	275.32	201.23	74.08	3.716		
10,000.00	7,240.77	9,809.93	7,059.06	45.52	45.54	48.61	-553.62	-1,808.49	274.94	198.31	76.63	3.588		
10,100.00	7,237.60	9,909.93	7,056.44	47.04	47.08	48.70	-554.03	-1,908.46	274.56	195.36	79.20	3.467		
10,200.00	7,234.43	10,009.93	7,053.81	48.57	48.62	48.78	-554.43	-2,008.42	274.18	192.39	81.79	3.352		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,231.25	10,109.93	7,051.18	50.11	50.17	48.86	-554.84	-2,108.38	273.80	189.40	84.40	3.244		
10,400.00	7,228.08	10,209.93	7,048.55	51.66	51.73	48.94	-555.25	-2,208.35	273.42	186.39	87.03	3.142		
10,500.00	7,224.91	10,309.93	7,045.93	53.21	53.29	49.02	-555.66	-2,308.31	273.04	183.37	89.67	3.045		
10,600.00	7,221.74	10,409.92	7,043.30	54.78	54.87	49.11	-556.06	-2,408.27	272.66	180.33	92.33	2.953		
10,700.00	7,218.56	10,509.92	7,040.67	56.34	56.44	49.19	-556.47	-2,508.24	272.28	177.27	95.01	2.866		
10,800.00	7,215.39	10,609.92	7,038.04	57.92	58.03	49.27	-556.88	-2,608.20	271.90	174.20	97.70	2.783		
10,900.00	7,212.22	10,709.92	7,035.41	59.50	59.61	49.36	-557.29	-2,708.16	271.53	171.12	100.41	2.704		
11,000.00	7,209.05	10,809.92	7,032.79	61.08	61.21	49.44	-557.70	-2,808.13	271.15	168.02	103.13	2.629		
11,100.00	7,205.87	10,909.92	7,030.16	62.67	62.80	49.52	-558.10	-2,908.09	270.78	164.92	105.86	2.558		
11,200.00	7,202.70	11,009.92	7,027.53	64.26	64.40	49.61	-558.51	-3,008.05	270.40	161.80	108.60	2.490		
11,300.00	7,199.53	11,109.91	7,024.90	65.86	66.00	49.69	-558.92	-3,108.01	270.03	158.67	111.36	2.425		
11,400.00	7,196.36	11,209.91	7,022.27	67.46	67.61	49.78	-559.33	-3,207.98	269.65	155.53	114.12	2.363		
11,500.00	7,193.18	11,309.91	7,019.65	69.06	69.22	49.86	-559.73	-3,307.94	269.28	152.38	116.90	2.304		
11,600.00	7,190.01	11,409.91	7,017.02	70.67	70.83	49.95	-560.14	-3,407.90	268.91	149.23	119.68	2.247		
11,700.00	7,186.84	11,509.91	7,014.39	72.28	72.45	50.03	-560.55	-3,507.87	268.54	146.06	122.47	2.193		
11,800.00	7,183.66	11,609.91	7,011.76	73.89	74.07	50.12	-560.96	-3,607.83	268.17	142.89	125.28	2.141		
11,900.00	7,180.49	11,709.91	7,009.14	75.50	75.69	50.20	-561.36	-3,707.79	267.79	139.70	128.09	2.091		
12,000.00	7,177.32	11,809.90	7,006.51	77.12	77.31	50.29	-561.77	-3,807.76	267.42	136.51	130.91	2.043		
12,100.00	7,174.15	11,909.90	7,003.88	78.74	78.93	50.37	-562.18	-3,907.72	267.06	133.31	133.74	1.997		
12,200.00	7,170.97	12,009.90	7,001.25	80.36	80.56	50.46	-562.59	-4,007.68	266.69	130.11	136.58	1.953		
12,300.00	7,167.80	12,109.90	6,998.62	81.99	82.19	50.55	-562.99	-4,107.65	266.32	126.90	139.42	1.910		
12,400.00	7,164.63	12,209.90	6,996.00	83.61	83.82	50.63	-563.40	-4,207.61	265.95	123.67	142.28	1.869		
12,500.00	7,161.46	12,309.90	6,993.37	85.24	85.45	50.72	-563.81	-4,307.57	265.58	120.45	145.14	1.830		
12,600.00	7,158.28	12,409.89	6,990.74	86.87	87.08	50.81	-564.22	-4,407.54	265.22	117.21	148.00	1.792		
12,700.00	7,155.11	12,509.89	6,988.11	88.50	88.71	50.90	-564.62	-4,507.50	264.85	113.97	150.88	1.755		
12,800.00	7,151.94	12,609.89	6,985.48	90.13	90.35	50.98	-565.03	-4,607.46	264.49	110.73	153.76	1.720		
12,900.00	7,148.76	12,709.89	6,982.86	91.76	91.99	51.07	-565.44	-4,707.42	264.12	107.47	156.65	1.686		
13,000.00	7,145.59	12,809.89	6,980.23	93.40	93.62	51.16	-565.85	-4,807.39	263.76	104.21	159.54	1.653		
13,100.00	7,142.42	12,909.89	6,977.60	95.03	95.26	51.25	-566.26	-4,907.35	263.39	100.95	162.45	1.621		
13,200.00	7,139.25	13,009.89	6,974.97	96.67	96.90	51.34	-566.66	-5,007.31	263.03	97.68	165.35	1.591		
13,300.00	7,136.07	13,109.88	6,972.34	98.31	98.55	51.43	-567.07	-5,107.28	262.67	94.40	168.27	1.561		
13,400.00	7,132.90	13,209.88	6,969.72	99.95	100.19	51.51	-567.48	-5,207.24	262.31	91.12	171.19	1.532		
13,500.00	7,129.73	13,309.88	6,967.09	101.59	101.83	51.60	-567.89	-5,307.20	261.95	87.83	174.12	1.504		
13,600.00	7,126.56	13,409.88	6,964.46	103.23	103.48	51.69	-568.29	-5,407.17	261.59	84.54	177.05	1.477 Level 3		
13,700.00	7,123.38	13,509.88	6,961.83	104.87	105.12	51.78	-568.70	-5,507.13	261.23	81.24	179.99	1.451 Level 3		
13,800.00	7,120.21	13,609.88	6,959.21	106.51	106.77	51.87	-569.11	-5,607.09	260.87	77.93	182.94	1.426 Level 3		
13,900.00	7,117.04	13,709.88	6,956.58	108.16	108.41	51.96	-569.52	-5,707.06	260.51	74.62	185.89	1.401 Level 3		
14,000.00	7,113.87	13,809.87	6,953.95	109.80	110.06	52.06	-569.92	-5,807.02	260.15	71.31	188.84	1.378 Level 3		
14,100.00	7,110.69	13,909.87	6,951.32	111.45	111.71	52.15	-570.33	-5,906.98	259.80	67.99	191.81	1.354 Level 3		
14,200.00	7,107.52	14,009.87	6,948.69	113.10	113.36	52.24	-570.74	-6,006.95	259.44	64.66	194.78	1.332 Level 3		
14,300.00	7,104.35	14,109.87	6,946.07	114.74	115.01	52.33	-571.15	-6,106.91	259.08	61.33	197.75	1.310 Level 3		
14,400.00	7,101.17	14,209.87	6,943.44	116.39	116.66	52.42	-571.55	-6,206.87	258.73	58.00	200.73	1.289 Level 3		
14,500.00	7,098.00	14,309.87	6,940.81	118.04	118.31	52.51	-571.96	-6,306.84	258.38	54.66	203.72	1.268 Level 3		
14,600.00	7,094.83	14,409.87	6,938.18	119.69	119.96	52.61	-572.37	-6,406.80	258.02	51.31	206.71	1.248 Level 2		
14,700.00	7,091.66	14,509.86	6,935.55	121.34	121.61	52.70	-572.78	-6,506.76	257.67	47.96	209.71	1.229 Level 2		
14,800.00	7,088.48	14,609.86	6,932.93	122.99	123.26	52.79	-573.18	-6,606.72	257.32	44.61	212.71	1.210 Level 2		
14,900.00	7,085.31	14,709.86	6,930.30	124.64	124.92	52.88	-573.59	-6,706.69	256.96	41.25	215.72	1.191 Level 2		
15,000.00	7,082.14	14,809.86	6,927.67	126.29	126.57	52.98	-574.00	-6,806.65	256.61	37.88	218.73	1.173 Level 2		
15,100.00	7,078.97	14,909.86	6,925.04	127.94	128.23	53.07	-574.41	-6,906.61	256.26	34.52	221.75	1.156 Level 2		
15,200.00	7,075.79	15,009.86	6,922.42	129.60	129.88	53.16	-574.82	-7,006.58	255.91	31.14	224.77	1.139 Level 2		
15,300.00	7,072.62	15,109.85	6,919.79	131.25	131.53	53.26	-575.22	-7,106.54	255.57	27.76	227.80	1.122 Level 2		
15,400.00	7,069.45	15,209.85	6,917.16	132.90	133.19	53.35	-575.63	-7,206.50	255.22	24.38	230.84	1.106 Level 2		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
15,500.00	7,066.27	15,309.85	6,914.53	134.55	134.85	53.45	-576.04	-7,306.47	254.87	20.99	233.88	1.090 Level 2	
15,578.05	7,063.80	15,387.90	6,912.48	135.85	136.14	53.52	-576.36	-7,384.49	254.60	18.34	236.26	1.078 Level 2, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	-88.96	0.36	-20.05	20.05					
100.00	100.00	100.00	100.00	3.28	3.28	-88.96	0.36	-20.05	20.05	12.52	7.53	2.663		
200.00	200.00	200.00	200.00	3.31	3.31	-88.96	0.36	-20.05	20.05	12.47	7.57	2.647		
200.00	200.00	200.00	200.00	3.31	3.31	-88.96	0.36	-20.05	20.05	12.47	7.57	2.647 CC		
300.00	300.00	300.28	300.27	3.35	3.35	147.73	0.08	-19.70	20.07	12.42	7.66	2.621 ES		
400.00	399.93	400.83	400.76	3.41	3.41	146.83	-2.15	-16.97	20.28	12.51	7.77	2.610		
500.00	499.68	501.37	501.05	3.49	3.49	145.09	-6.62	-11.52	20.69	12.77	7.92	2.612		
600.00	599.13	601.91	601.03	3.60	3.60	142.61	-13.31	-3.34	21.35	13.23	8.12	2.629		
700.00	698.15	702.44	700.57	3.74	3.74	139.55	-22.22	7.54	22.29	13.91	8.38	2.659		
800.00	796.63	802.96	799.54	3.93	3.93	136.09	-33.33	21.12	23.54	14.82	8.71	2.701		
900.00	894.68	903.33	897.70	4.15	4.16	130.59	-46.56	37.28	24.42	15.27	9.15	2.670		
1,000.00	992.71	1,003.28	995.25	4.40	4.43	123.61	-60.37	54.16	25.05	15.37	9.68	2.587		
1,100.00	1,090.75	1,103.24	1,092.79	4.68	4.73	117.06	-74.18	71.03	26.03	15.74	10.29	2.530		
1,200.00	1,188.79	1,203.19	1,190.34	4.98	5.05	111.06	-87.99	87.90	27.32	16.38	10.94	2.497		
1,300.00	1,286.83	1,303.14	1,287.89	5.30	5.39	105.65	-101.80	104.77	28.89	17.26	11.63	2.484		
1,400.00	1,384.86	1,403.09	1,385.43	5.63	5.75	100.84	-115.61	121.65	30.68	18.35	12.33	2.487		
1,500.00	1,482.90	1,503.05	1,482.98	5.98	6.12	96.58	-129.42	138.52	32.67	19.61	13.06	2.502		
1,600.00	1,580.94	1,603.00	1,580.52	6.33	6.50	92.83	-143.23	155.39	34.81	21.03	13.78	2.526		
1,700.00	1,678.98	1,702.95	1,678.07	6.69	6.89	89.53	-157.04	172.27	37.09	22.58	14.52	2.555		
1,800.00	1,777.01	1,802.90	1,775.61	7.06	7.28	86.61	-170.85	189.14	39.48	24.23	15.24	2.590		
1,900.00	1,875.05	1,902.86	1,873.16	7.27	7.50	84.04	-184.66	206.01	41.95	26.71	15.24	2.752		
2,000.00	1,973.09	2,002.81	1,970.70	7.31	7.55	81.76	-198.47	222.88	44.51	29.20	15.30	2.909		
2,100.00	2,071.13	2,102.76	2,068.25	7.38	7.62	79.72	-212.28	239.76	47.12	31.73	15.39	3.061		
2,200.00	2,169.16	2,202.71	2,165.79	7.46	7.71	77.90	-226.09	256.63	49.79	34.27	15.52	3.208		
2,300.00	2,267.20	2,302.67	2,263.34	7.56	7.82	76.27	-239.90	273.50	52.50	36.82	15.68	3.349		
2,400.00	2,365.24	2,402.62	2,360.88	7.67	7.95	74.80	-253.71	290.37	55.25	39.38	15.87	3.482		
2,500.00	2,463.28	2,502.57	2,458.43	7.80	8.09	73.47	-267.52	307.25	58.04	41.95	16.09	3.607		
2,600.00	2,561.31	2,602.53	2,555.98	7.95	8.25	72.27	-281.33	324.12	60.85	44.51	16.34	3.724		
2,700.00	2,659.35	2,702.48	2,653.52	8.11	8.42	71.17	-295.14	340.99	63.68	47.06	16.62	3.832		
2,800.00	2,757.39	2,802.43	2,751.07	8.28	8.61	70.16	-308.95	357.87	66.54	49.62	16.93	3.931		
2,900.00	2,855.43	2,902.38	2,848.61	8.47	8.80	69.24	-322.76	374.74	69.42	52.16	17.26	4.023		
3,000.00	2,953.46	3,002.34	2,946.16	8.66	9.02	68.39	-336.57	391.61	72.31	54.70	17.61	4.106		
3,100.00	3,051.50	3,102.29	3,043.70	8.87	9.24	67.60	-350.38	408.48	75.22	57.23	17.99	4.182		
3,200.00	3,149.54	3,202.24	3,141.25	9.09	9.47	66.88	-364.19	425.36	78.14	59.76	18.38	4.251		
3,300.00	3,247.58	3,302.19	3,238.79	9.32	9.72	66.20	-378.00	442.23	81.08	62.28	18.80	4.313		
3,400.00	3,345.61	3,402.15	3,336.34	9.55	9.97	65.58	-391.81	459.10	84.02	64.79	19.23	4.369		
3,500.00	3,443.65	3,502.10	3,433.88	9.80	10.23	64.99	-405.62	475.98	86.97	67.29	19.68	4.420		
3,600.00	3,541.69	3,602.05	3,531.43	10.05	10.50	64.45	-419.43	492.85	89.93	69.79	20.14	4.465		
3,700.00	3,639.73	3,702.00	3,628.98	10.31	10.77	63.94	-433.25	509.72	92.90	72.28	20.62	4.505		
3,800.00	3,737.76	3,801.96	3,726.52	10.57	11.05	63.46	-447.06	526.59	95.88	74.77	21.11	4.542		
3,900.00	3,835.80	3,901.91	3,824.07	10.84	11.34	63.01	-460.87	543.47	98.86	77.25	21.61	4.574		
4,000.00	3,933.84	4,001.86	3,921.61	11.12	11.64	62.59	-474.68	560.34	101.85	79.72	22.13	4.603		
4,100.00	4,031.88	4,101.81	4,019.16	11.40	11.94	62.19	-488.49	577.21	104.84	82.19	22.65	4.628		
4,200.00	4,129.91	4,201.77	4,116.70	11.69	12.24	61.81	-502.30	594.08	107.84	84.65	23.19	4.651		
4,300.00	4,227.95	4,301.72	4,214.25	11.98	12.55	61.45	-516.11	610.96	110.84	87.11	23.73	4.671		
4,400.00	4,325.99	4,401.67	4,311.79	12.27	12.86	61.12	-529.92	627.83	113.85	89.57	24.28	4.689		
4,500.00	4,424.03	4,501.62	4,409.34	12.57	13.18	60.79	-543.73	644.70	116.86	92.02	24.84	4.705		
4,600.00	4,522.06	4,601.58	4,506.88	12.88	13.50	60.49	-557.54	661.58	119.87	94.47	25.40	4.719		
4,700.00	4,620.10	4,701.53	4,604.43	13.18	13.82	60.20	-571.35	678.45	122.89	96.91	25.97	4.731		
4,800.00	4,718.14	4,801.48	4,701.97	13.49	14.15	59.93	-585.16	695.32	125.91	99.35	26.55	4.742		
4,900.00	4,816.17	4,901.44	4,799.52	13.80	14.48	59.66	-598.97	712.19	128.93	101.79	27.14	4.751		
5,000.00	4,914.21	5,001.39	4,897.07	14.12	14.81	59.41	-612.78	729.07	131.95	104.23	27.73	4.759		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1-MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,101.34	4,994.61	14.43	15.15	59.17	-626.59	745.94	134.98	106.66	28.32	4.766		
5,200.00	5,110.29	5,201.29	5,092.16	14.75	15.48	58.94	-640.40	762.81	138.01	109.09	28.92	4.772		
5,300.00	5,208.32	5,301.25	5,189.70	15.07	15.82	58.72	-654.21	779.69	141.04	111.52	29.52	4.777		
5,400.00	5,306.36	5,401.20	5,287.25	15.40	16.16	58.51	-668.02	796.56	144.08	113.95	30.13	4.782		
5,500.00	5,404.40	5,501.15	5,384.79	15.72	16.51	58.31	-681.83	813.43	147.11	116.37	30.74	4.785		
5,600.00	5,502.44	5,601.10	5,482.34	16.05	16.85	58.12	-695.64	830.30	150.15	118.79	31.36	4.788		
5,700.00	5,600.47	5,701.06	5,579.88	16.38	17.20	57.93	-709.45	847.18	153.19	121.21	31.98	4.791		
5,800.00	5,698.51	5,801.01	5,677.43	16.71	17.55	57.76	-723.26	864.05	156.23	123.63	32.60	4.793		
5,900.00	5,796.55	5,900.96	5,774.97	17.04	17.90	57.59	-737.07	880.92	159.27	126.05	33.22	4.794		
6,000.00	5,894.59	6,000.91	5,872.52	17.38	18.25	57.42	-750.88	897.80	162.32	128.46	33.85	4.795		
6,100.00	5,992.62	6,100.87	5,970.07	17.71	18.60	57.26	-764.69	914.67	165.36	130.88	34.48	4.796		
6,200.00	6,090.66	6,200.82	6,067.61	18.05	18.96	57.11	-778.50	931.54	168.41	133.29	35.11	4.796		
6,300.00	6,188.70	6,300.77	6,165.16	18.39	19.31	56.96	-792.31	948.41	171.45	135.70	35.75	4.796		
6,400.00	6,286.74	6,400.72	6,262.70	18.72	19.67	56.82	-806.12	965.29	174.50	138.11	36.39	4.796		
6,500.00	6,384.77	6,500.68	6,360.25	19.06	20.03	56.68	-819.93	982.16	177.55	140.52	37.03	4.795		
6,600.00	6,482.81	6,600.63	6,457.79	19.40	20.39	56.55	-833.74	999.03	180.60	142.93	37.67	4.795		
6,700.00	6,580.86	6,699.22	6,554.89	19.74	20.63	56.94	-847.58	1,007.96	183.97	145.51	38.46	4.783		
6,800.00	6,679.86	6,795.44	6,649.86	19.94	20.77	5.56	-861.28	1,001.98	188.44	149.26	39.17	4.810		
6,900.00	6,778.81	6,889.82	6,741.07	20.07	20.86	-43.79	-874.61	982.15	193.75	154.16	39.59	4.894		
7,000.00	6,875.27	6,982.57	6,826.90	20.15	20.90	-55.51	-887.31	949.60	199.56	159.85	39.71	5.026		
7,100.00	6,966.86	7,073.92	6,905.97	20.17	20.90	-58.44	-899.17	905.56	205.50	165.92	39.58	5.192		
7,200.00	7,051.33	7,164.10	6,977.09	20.15	20.87	-58.99	-910.00	851.32	211.22	171.94	39.28	5.377		
7,300.00	7,126.59	7,253.32	7,039.29	20.10	20.83	-58.79	-919.66	788.19	216.42	177.50	38.92	5.561		
7,400.00	7,190.80	7,341.80	7,091.73	20.04	20.76	-58.44	-928.01	717.51	220.84	182.23	38.61	5.720		
7,500.00	7,242.38	7,429.75	7,133.75	19.99	20.70	-58.17	-934.92	640.63	224.29	185.82	38.46	5.831		
7,600.00	7,280.05	7,517.37	7,164.78	19.97	20.64	-58.11	-940.32	558.94	226.63	188.05	38.58	5.875		
7,700.00	7,302.88	7,604.87	7,184.39	19.99	20.60	-58.30	-944.12	473.83	227.77	188.78	38.99	5.842		
7,800.00	7,310.32	7,692.44	7,192.27	20.09	20.59	-58.78	-946.25	386.70	227.71	187.99	39.72	5.733		
7,815.81	7,310.23	7,706.31	7,192.43	20.12	20.59	-58.84	-946.44	372.84	227.66	187.80	39.86	5.711		
7,900.00	7,307.40	7,787.17	7,189.92	20.33	20.67	-58.92	-947.01	292.02	227.78	187.06	40.72	5.594		
8,000.00	7,304.23	7,887.17	7,186.27	20.77	20.95	-58.85	-947.64	192.09	228.24	186.30	41.94	5.442		
8,100.00	7,301.05	7,987.17	7,182.61	21.38	21.46	-58.78	-948.26	92.16	228.70	185.37	43.34	5.277		
8,200.00	7,297.88	8,087.17	7,178.96	22.15	22.16	-58.71	-948.89	-7.77	229.16	184.27	44.89	5.105		
8,300.00	7,294.71	8,187.17	7,175.31	23.03	23.01	-58.64	-949.52	-107.70	229.63	183.04	46.58	4.930		
8,400.00	7,291.54	8,287.17	7,171.66	24.00	23.96	-58.57	-950.15	-207.63	230.09	181.69	48.40	4.754		
8,500.00	7,288.36	8,387.17	7,168.00	25.05	25.00	-58.50	-950.78	-307.56	230.55	180.22	50.33	4.581		
8,600.00	7,285.19	8,487.16	7,164.35	26.17	26.10	-58.43	-951.40	-407.49	231.01	178.66	52.36	4.412		
8,700.00	7,282.02	8,587.16	7,160.70	27.34	27.27	-58.36	-952.03	-507.42	231.48	177.00	54.47	4.249		
8,800.00	7,278.85	8,687.16	7,157.05	28.57	28.48	-58.30	-952.66	-607.35	231.94	175.28	56.66	4.093		
8,900.00	7,275.67	8,787.16	7,153.40	29.84	29.74	-58.23	-953.29	-707.28	232.40	173.48	58.92	3.944		
9,000.00	7,272.50	8,887.16	7,149.74	31.14	31.03	-58.16	-953.92	-807.21	232.87	171.63	61.24	3.803		
9,100.00	7,269.33	8,987.16	7,146.09	32.48	32.36	-58.09	-954.55	-907.14	233.33	169.72	63.61	3.668		
9,200.00	7,266.15	9,087.16	7,142.44	33.85	33.72	-58.02	-955.17	-1,007.07	233.80	167.77	66.03	3.541		
9,300.00	7,262.98	9,187.15	7,138.79	35.24	35.11	-57.96	-955.80	-1,107.00	234.26	165.78	68.49	3.421		
9,400.00	7,259.81	9,287.15	7,135.13	36.66	36.51	-57.89	-956.43	-1,206.93	234.73	163.75	70.98	3.307		
9,500.00	7,256.64	9,387.15	7,131.48	38.10	37.94	-57.82	-957.06	-1,306.86	235.19	161.68	73.51	3.200		
9,600.00	7,253.46	9,487.15	7,127.83	39.55	39.39	-57.76	-957.69	-1,406.79	235.66	159.59	76.06	3.098		
9,700.00	7,250.29	9,587.15	7,124.18	41.02	40.85	-57.69	-958.31	-1,506.72	236.13	157.48	78.65	3.002		
9,800.00	7,247.12	9,687.15	7,120.53	42.51	42.33	-57.62	-958.94	-1,606.65	236.59	155.34	81.25	2.912		
9,900.00	7,243.95	9,787.15	7,116.87	44.01	43.83	-57.56	-959.57	-1,706.58	237.06	153.18	83.88	2.826		
10,000.00	7,240.77	9,887.14	7,113.22	45.52	45.33	-57.49	-960.20	-1,806.51	237.53	151.01	86.52	2.745		
10,100.00	7,237.60	9,987.14	7,109.57	47.04	46.85	-57.43	-960.83	-1,906.44	237.99	148.82	89.18	2.669		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1-MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,234.43	10,087.14	7,105.92	48.57	48.37	-57.36	-961.45	-2,006.37	238.46	146.61	91.85	2.596		
10,300.00	7,231.25	10,187.14	7,102.26	50.11	49.91	-57.30	-962.08	-2,106.30	238.93	144.39	94.54	2.527		
10,400.00	7,228.08	10,287.14	7,098.61	51.66	51.45	-57.23	-962.71	-2,206.23	239.40	142.16	97.24	2.462		
10,500.00	7,224.91	10,387.14	7,094.96	53.21	53.00	-57.17	-963.34	-2,306.16	239.87	139.92	99.95	2.400		
10,600.00	7,221.74	10,487.14	7,091.31	54.78	54.56	-57.10	-963.97	-2,406.09	240.34	137.67	102.67	2.341		
10,700.00	7,218.56	10,587.13	7,087.66	56.34	56.12	-57.04	-964.59	-2,506.02	240.81	135.41	105.40	2.285		
10,800.00	7,215.39	10,687.13	7,084.00	57.92	57.69	-56.98	-965.22	-2,605.95	241.28	133.14	108.13	2.231		
10,900.00	7,212.22	10,787.13	7,080.35	59.50	59.26	-56.91	-965.85	-2,705.88	241.75	130.87	110.88	2.180		
11,000.00	7,209.05	10,887.13	7,076.70	61.08	60.84	-56.85	-966.48	-2,805.81	242.22	128.59	113.63	2.132		
11,100.00	7,205.87	10,987.13	7,073.05	62.67	62.43	-56.79	-967.11	-2,905.74	242.69	126.30	116.38	2.085		
11,200.00	7,202.70	11,087.13	7,069.40	64.26	64.02	-56.73	-967.73	-3,005.67	243.16	124.02	119.14	2.041		
11,300.00	7,199.53	11,187.13	7,065.74	65.86	65.61	-56.66	-968.36	-3,105.60	243.63	121.72	121.91	1.998		
11,400.00	7,196.36	11,287.12	7,062.09	67.46	67.21	-56.60	-968.99	-3,205.53	244.10	119.43	124.68	1.958		
11,500.00	7,193.18	11,387.12	7,058.44	69.06	68.81	-56.54	-969.62	-3,305.46	244.57	117.12	127.45	1.919		
11,600.00	7,190.01	11,487.12	7,054.79	70.67	70.41	-56.48	-970.25	-3,405.39	245.04	114.82	130.22	1.882		
11,700.00	7,186.84	11,587.12	7,051.13	72.28	72.02	-56.42	-970.88	-3,505.32	245.52	112.52	133.00	1.846		
11,800.00	7,183.66	11,687.12	7,047.48	73.89	73.62	-56.35	-971.50	-3,605.25	245.99	110.21	135.78	1.812		
11,900.00	7,180.49	11,787.12	7,043.83	75.50	75.24	-56.29	-972.13	-3,705.18	246.46	107.90	138.57	1.779		
12,000.00	7,177.32	11,887.11	7,040.18	77.12	76.85	-56.23	-972.76	-3,805.11	246.94	105.58	141.35	1.747		
12,100.00	7,174.15	11,987.11	7,036.53	78.74	78.47	-56.17	-973.39	-3,905.04	247.41	103.27	144.14	1.716		
12,200.00	7,170.97	12,087.11	7,032.87	80.36	80.09	-56.11	-974.02	-4,004.97	247.88	100.96	146.93	1.687		
12,300.00	7,167.80	12,187.11	7,029.22	81.99	81.71	-56.05	-974.64	-4,104.90	248.36	98.64	149.72	1.659		
12,400.00	7,164.63	12,287.11	7,025.57	83.61	83.33	-55.99	-975.27	-4,204.83	248.83	96.33	152.51	1.632		
12,500.00	7,161.46	12,387.11	7,021.92	85.24	84.95	-55.93	-975.90	-4,304.76	249.31	94.01	155.30	1.605		
12,600.00	7,158.28	12,487.11	7,018.26	86.87	86.58	-55.87	-976.53	-4,404.68	249.78	91.69	158.09	1.580		
12,700.00	7,155.11	12,587.10	7,014.61	88.50	88.21	-55.82	-977.16	-4,504.61	250.26	89.37	160.88	1.556		
12,800.00	7,151.94	12,687.10	7,010.96	90.13	89.84	-55.76	-977.78	-4,604.54	250.73	87.06	163.67	1.532		
12,900.00	7,148.76	12,787.10	7,007.31	91.76	91.47	-55.70	-978.41	-4,704.47	251.21	84.74	166.47	1.509		
13,000.00	7,145.59	12,887.10	7,003.66	93.40	93.10	-55.64	-979.04	-4,804.40	251.68	82.42	169.26	1.487 Level 3		
13,100.00	7,142.42	12,987.10	7,000.00	95.03	94.74	-55.58	-979.67	-4,904.33	252.16	80.10	172.05	1.466 Level 3		
13,200.00	7,139.25	13,087.10	6,996.35	96.67	96.37	-55.52	-980.30	-5,004.26	252.64	77.79	174.85	1.445 Level 3		
13,300.00	7,136.07	13,187.10	6,992.70	98.31	98.01	-55.47	-980.92	-5,104.19	253.11	75.47	177.64	1.425 Level 3		
13,400.00	7,132.90	13,287.09	6,989.05	99.95	99.64	-55.41	-981.55	-5,204.12	253.59	73.16	180.43	1.405 Level 3		
13,500.00	7,129.73	13,387.09	6,985.39	101.59	101.28	-55.35	-982.18	-5,304.05	254.07	70.84	183.22	1.387 Level 3		
13,600.00	7,126.56	13,487.09	6,981.74	103.23	102.92	-55.29	-982.81	-5,403.98	254.54	68.53	186.02	1.368 Level 3		
13,700.00	7,123.38	13,587.09	6,978.09	104.87	104.56	-55.24	-983.44	-5,503.91	255.02	66.21	188.81	1.351 Level 3		
13,800.00	7,120.21	13,687.09	6,974.44	106.51	106.20	-55.18	-984.06	-5,603.84	255.50	63.90	191.60	1.334 Level 3		
13,900.00	7,117.04	13,787.09	6,970.79	108.16	107.85	-55.12	-984.69	-5,703.77	255.98	61.59	194.39	1.317 Level 3		
14,000.00	7,113.87	13,887.09	6,967.13	109.80	109.49	-55.07	-985.32	-5,803.70	256.46	59.28	197.18	1.301 Level 3		
14,100.00	7,110.69	13,987.08	6,963.48	111.45	111.13	-55.01	-985.95	-5,903.63	256.93	56.97	199.96	1.285 Level 3		
14,200.00	7,107.52	14,087.08	6,959.83	113.10	112.78	-54.96	-986.58	-6,003.56	257.41	54.66	202.75	1.270 Level 3		
14,300.00	7,104.35	14,187.08	6,956.18	114.74	114.42	-54.90	-987.20	-6,103.49	257.89	52.36	205.54	1.255 Level 3		
14,400.00	7,101.17	14,287.08	6,952.52	116.39	116.07	-54.85	-987.83	-6,203.42	258.37	50.05	208.32	1.240 Level 2		
14,500.00	7,098.00	14,387.08	6,948.87	118.04	117.72	-54.79	-988.46	-6,303.35	258.85	47.75	211.11	1.226 Level 2		
14,600.00	7,094.83	14,487.08	6,945.22	119.69	119.36	-54.74	-989.09	-6,403.28	259.33	45.44	213.89	1.212 Level 2		
14,700.00	7,091.66	14,587.08	6,941.57	121.34	121.01	-54.68	-989.72	-6,503.21	259.81	43.14	216.67	1.199 Level 2		
14,800.00	7,088.48	14,687.07	6,937.92	122.99	122.66	-54.63	-990.35	-6,603.14	260.29	40.84	219.45	1.186 Level 2		
14,900.00	7,085.31	14,787.07	6,934.26	124.64	124.31	-54.57	-990.97	-6,703.07	260.77	38.54	222.23	1.173 Level 2		
15,000.00	7,082.14	14,887.07	6,930.61	126.29	125.96	-54.52	-991.60	-6,803.00	261.25	36.24	225.01	1.161 Level 2		
15,100.00	7,078.97	14,987.07	6,926.96	127.94	127.61	-54.46	-992.23	-6,902.93	261.73	33.95	227.79	1.149 Level 2		
15,200.00	7,075.79	15,087.07	6,923.31	129.60	129.26	-54.41	-992.86	-7,002.86	262.22	31.65	230.56	1.137 Level 2		
15,300.00	7,072.62	15,187.07	6,919.65	131.25	130.91	-54.36	-993.49	-7,102.79	262.70	29.36	233.34	1.126 Level 2		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning
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)	
15,400.00	7,069.45	15,287.07	6,916.00	132.90	132.56	-54.30	-994.11	-7,202.72	263.18	27.07	236.11	1.115 Level 2
15,500.00	7,066.27	15,387.06	6,912.35	134.55	134.22	-54.25	-994.74	-7,302.65	263.66	24.78	238.88	1.104 Level 2
15,578.05	7,063.80	15,465.11	6,909.50	135.85	135.51	-54.21	-995.23	-7,380.65	264.04	23.01	241.03	1.095 Level 2, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.86	2.20	-899.82	899.82					
100.00	100.00	100.00	100.00	3.28	3.28	-89.86	2.20	-899.82	899.82	892.29	7.53	119.516		
200.00	200.00	200.00	200.00	3.31	3.31	-89.86	2.20	-899.82	899.82	892.25	7.57	118.806		
300.00	300.00	332.27	332.23	3.35	3.36	146.85	0.28	-897.45	898.39	890.72	7.67	117.112		
400.00	399.93	464.33	463.95	3.41	3.46	146.67	-5.48	-890.36	895.94	888.13	7.81	114.701		
500.00	499.68	596.07	594.81	3.49	3.60	146.41	-15.02	-878.59	892.84	884.83	8.01	111.463		
600.00	599.13	727.43	724.45	3.60	3.82	146.08	-28.30	-862.22	889.12	880.84	8.28	107.397		
700.00	698.15	830.53	825.73	3.74	4.03	145.82	-40.47	-847.22	886.22	877.62	8.59	103.132		
750.88	748.34	881.39	875.68	3.83	4.15	145.74	-46.49	-839.80	885.84	877.07	8.77	100.957		
800.00	796.63	930.50	923.92	3.93	4.27	145.67	-52.30	-832.64	886.19	877.23	8.96	98.901		
900.00	894.68	1,030.47	1,022.12	4.15	4.53	145.60	-64.12	-818.07	888.09	878.71	9.38	94.693		
1,000.00	992.71	1,130.45	1,120.32	4.40	4.82	145.54	-75.95	-803.49	890.04	880.21	9.84	90.471		
1,100.00	1,090.75	1,230.43	1,218.52	4.68	5.12	145.48	-87.77	-788.92	892.00	881.67	10.33	86.327		
1,200.00	1,188.79	1,330.40	1,316.71	4.98	5.44	145.41	-99.59	-774.34	893.95	883.10	10.86	82.341		
1,300.00	1,286.83	1,430.38	1,414.91	5.30	5.77	145.35	-111.42	-759.77	895.91	884.50	11.41	78.537		
1,400.00	1,384.86	1,530.35	1,513.11	5.63	6.11	145.29	-123.24	-745.19	897.87	885.89	11.98	74.946		
1,500.00	1,482.90	1,630.33	1,611.31	5.98	6.46	145.23	-135.07	-730.62	899.83	887.25	12.57	71.576		
1,600.00	1,580.94	1,730.31	1,709.51	6.33	6.81	145.17	-146.89	-716.05	901.79	888.61	13.18	68.425		
1,700.00	1,678.98	1,830.28	1,807.71	6.69	7.12	145.11	-158.72	-701.47	903.75	890.16	13.58	66.536		
1,800.00	1,777.01	1,930.26	1,905.91	7.06	7.28	145.04	-170.54	-686.90	905.71	891.69	14.02	64.597		
1,900.00	1,875.05	2,030.23	2,004.10	7.27	7.33	144.98	-182.36	-672.32	907.67	893.66	14.02	64.764		
2,000.00	1,973.09	2,130.21	2,102.30	7.31	7.39	144.92	-194.19	-657.75	909.63	895.54	14.10	64.525		
2,100.00	2,071.13	2,230.19	2,200.50	7.38	7.48	144.86	-206.01	-643.17	911.60	897.38	14.21	64.134		
2,200.00	2,169.16	2,330.16	2,298.70	7.46	7.58	144.80	-217.84	-628.60	913.56	899.20	14.36	63.600		
2,300.00	2,267.20	2,430.14	2,396.90	7.56	7.69	144.74	-229.66	-614.02	915.53	900.98	14.55	62.935		
2,400.00	2,365.24	2,530.12	2,495.10	7.67	7.82	144.68	-241.49	-599.45	917.50	902.74	14.76	62.155		
2,500.00	2,463.28	2,630.09	2,593.30	7.80	7.97	144.62	-253.31	-584.87	919.47	904.46	15.01	61.274		
2,600.00	2,561.31	2,730.07	2,691.50	7.95	8.12	144.56	-265.14	-570.30	921.44	906.16	15.28	60.309		
2,700.00	2,659.35	2,830.04	2,789.69	8.11	8.29	144.51	-276.96	-555.72	923.41	907.83	15.58	59.275		
2,800.00	2,757.39	2,930.02	2,887.89	8.28	8.48	144.45	-288.78	-541.15	925.38	909.48	15.90	58.187		
2,900.00	2,855.43	3,030.00	2,986.09	8.47	8.67	144.39	-300.61	-526.57	927.35	911.10	16.25	57.059		
3,000.00	2,953.46	3,129.97	3,084.29	8.66	8.88	144.33	-312.43	-512.00	929.33	912.70	16.62	55.902		
3,100.00	3,051.50	3,229.95	3,182.49	8.87	9.09	144.27	-324.26	-497.42	931.30	914.28	17.02	54.730		
3,200.00	3,149.54	3,329.92	3,280.69	9.09	9.31	144.22	-336.08	-482.85	933.27	915.85	17.43	53.550		
3,300.00	3,247.58	3,429.90	3,378.89	9.32	9.54	144.16	-347.91	-468.28	935.25	917.39	17.86	52.372		
3,400.00	3,345.61	3,529.88	3,477.09	9.55	9.78	144.10	-359.73	-453.70	937.23	918.92	18.30	51.202		
3,500.00	3,443.65	3,629.85	3,575.28	9.80	10.03	144.04	-371.55	-439.13	939.21	920.44	18.77	50.047		
3,600.00	3,541.69	3,729.83	3,673.48	10.05	10.28	143.99	-383.38	-424.55	941.19	921.94	19.24	48.911		
3,700.00	3,639.73	3,829.80	3,771.68	10.31	10.54	143.93	-395.20	-409.98	943.17	923.43	19.73	47.797		
3,800.00	3,737.76	3,929.78	3,869.88	10.57	10.81	143.88	-407.03	-395.40	945.15	924.91	20.23	46.709		
3,900.00	3,835.80	4,029.76	3,968.08	10.84	11.08	143.82	-418.85	-380.83	947.13	926.38	20.75	45.648		
4,000.00	3,933.84	4,129.73	4,066.28	11.12	11.35	143.76	-430.68	-366.25	949.11	927.84	21.27	44.617		
4,100.00	4,031.88	4,229.71	4,164.48	11.40	11.63	143.71	-442.50	-351.68	951.09	929.29	21.81	43.615		
4,200.00	4,129.91	4,329.69	4,262.68	11.69	11.92	143.65	-454.32	-337.10	953.08	930.73	22.35	42.644		
4,300.00	4,227.95	4,429.66	4,360.87	11.98	12.21	143.60	-466.15	-322.53	955.06	932.16	22.90	41.703		
4,400.00	4,325.99	4,529.64	4,459.07	12.27	12.50	143.54	-477.97	-307.95	957.05	933.59	23.46	40.793		
4,500.00	4,424.03	4,629.61	4,557.27	12.57	12.80	143.49	-489.80	-293.38	959.04	935.01	24.03	39.914		
4,600.00	4,522.06	4,729.59	4,655.47	12.88	13.10	143.44	-501.62	-278.80	961.03	936.42	24.60	39.064		
4,700.00	4,620.10	4,829.57	4,753.67	13.18	13.40	143.38	-513.45	-264.23	963.01	937.83	25.18	38.243		
4,800.00	4,718.14	4,929.54	4,851.87	13.49	13.70	143.33	-525.27	-249.66	965.00	939.24	25.77	37.451		
4,900.00	4,816.17	5,029.52	4,950.07	13.80	14.01	143.27	-537.09	-235.08	966.99	940.64	26.36	36.686		
5,000.00	4,914.21	5,129.49	5,048.26	14.12	14.32	143.22	-548.92	-220.51	968.99	942.03	26.96	35.948		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,229.47	5,146.46	14.43	14.63	143.17	-560.74	-205.93	970.98	943.42	27.56	35.235		
5,200.00	5,110.29	5,329.45	5,244.66	14.75	14.95	143.11	-572.57	-191.36	972.97	944.81	28.16	34.548		
5,300.00	5,208.32	5,429.42	5,342.86	15.07	15.27	143.06	-584.39	-176.78	974.96	946.19	28.77	33.885		
5,400.00	5,306.36	5,529.40	5,441.06	15.40	15.58	143.01	-596.22	-162.21	976.96	947.57	29.39	33.244		
5,500.00	5,404.40	5,629.37	5,539.26	15.72	15.91	142.96	-608.04	-147.63	978.95	948.95	30.01	32.626		
5,600.00	5,502.44	5,729.35	5,637.46	16.05	16.23	142.90	-619.86	-133.06	980.95	950.32	30.63	32.029		
5,700.00	5,600.47	5,829.33	5,735.66	16.38	16.55	142.85	-631.69	-118.48	982.95	951.70	31.25	31.453		
5,800.00	5,698.51	5,929.30	5,833.85	16.71	16.88	142.80	-643.51	-103.91	984.95	953.07	31.88	30.896		
5,900.00	5,796.55	6,029.28	5,932.05	17.04	17.20	142.75	-655.34	-89.33	986.94	954.43	32.51	30.358		
6,000.00	5,894.59	6,129.26	6,030.25	17.38	17.53	142.70	-667.16	-74.76	988.94	955.80	33.14	29.838		
6,100.00	5,992.62	6,229.23	6,128.45	17.71	17.86	142.65	-678.99	-60.18	990.94	957.16	33.78	29.335		
6,200.00	6,090.66	6,329.21	6,226.65	18.05	18.19	142.60	-690.81	-45.61	992.95	958.53	34.42	28.849		
6,300.00	6,188.70	6,429.18	6,324.85	18.39	18.52	142.55	-702.63	-31.04	994.95	959.89	35.06	28.378		
6,400.00	6,286.74	6,529.16	6,423.05	18.72	18.86	142.50	-714.46	-16.46	996.95	961.25	35.70	27.923		
6,500.00	6,384.77	6,629.14	6,520.05	19.06	19.19	142.45	-726.28	-1.88	998.94	962.61	36.34	27.478		
6,600.00	6,482.81	6,729.12	6,617.05	19.40	19.52	142.40	-738.10	7.70	999.94	963.97	36.98	27.043		
6,700.00	6,580.86	6,829.10	6,714.95	19.74	19.85	142.35	-750.00	13.10	1000.94	965.32	37.62	26.618		
6,800.00	6,679.86	6,929.08	6,812.85	20.08	20.18	142.30	-762.00	18.50	1001.94	966.67	38.26	26.203		
6,900.00	6,778.81	7,029.06	6,909.80	20.42	20.51	142.25	-774.10	23.90	1002.94	968.02	38.90	25.798		
7,000.00	6,875.27	7,129.04	7,006.65	20.76	20.84	142.20	-786.30	29.30	1003.94	969.37	39.54	25.403		
7,100.00	6,966.86	7,229.02	7,103.50	21.10	21.17	142.15	-798.60	34.70	1004.94	970.72	40.18	25.018		
7,200.00	7,051.33	7,329.00	7,199.35	21.44	21.50	142.10	-811.00	40.10	1005.94	972.07	40.82	24.643		
7,300.00	7,126.59	7,429.00	7,299.10	21.78	21.83	142.05	-823.50	45.50	1006.94	973.42	41.46	24.278		
7,400.00	7,190.80	7,529.00	7,398.85	22.12	22.16	142.00	-836.10	50.90	1007.94	974.77	42.10	23.923		
7,500.00	7,242.38	7,629.00	7,498.60	22.46	22.49	141.95	-848.80	56.30	1008.94	976.12	42.74	23.578		
7,600.00	7,280.05	7,729.00	7,598.35	22.80	22.82	141.90	-861.60	61.70	1009.94	977.47	43.38	23.243		
7,679.76	7,299.49	7,629.78	7,291.00	19.98	24.66	-82.76	-817.46	506.34	68.54	25.14	43.40	1.579 CC, ES, SF		
7,700.00	7,302.88	7,611.57	7,286.23	19.99	24.50	-76.34	-816.95	488.76	69.07	26.12	42.95	1.608		
7,800.00	7,310.32	7,524.50	7,256.67	20.09	23.75	-49.23	-813.69	407.01	84.64	45.44	39.19	2.159		
7,900.00	7,307.40	7,443.64	7,219.54	20.33	23.11	-32.86	-809.47	335.36	115.83	78.55	37.28	3.107		
8,000.00	7,304.23	7,372.79	7,179.83	20.77	22.59	-22.59	-804.89	276.91	162.49	125.24	37.25	4.362		
8,100.00	7,301.05	7,311.71	7,140.60	21.38	22.17	-16.28	-800.32	230.35	220.63	182.74	37.89	5.822		
8,200.00	7,297.88	7,259.41	7,103.62	22.15	21.83	-12.28	-795.99	193.64	287.10	248.52	38.58	7.441		
8,300.00	7,294.71	7,214.70	7,069.72	23.03	21.56	-9.62	-792.00	164.78	359.76	320.61	39.16	9.188		
8,400.00	7,291.54	7,176.40	7,039.14	24.00	21.35	-7.76	-788.39	142.00	437.15	397.54	39.61	11.037		
8,500.00	7,288.36	7,150.00	7,017.30	25.05	21.20	-6.66	-785.80	127.40	518.26	478.27	39.99	12.960		
8,600.00	7,285.19	7,114.92	6,987.39	26.17	21.02	-5.39	-782.25	109.44	602.11	561.91	40.20	14.977		
8,700.00	7,282.02	7,100.00	6,974.38	27.34	20.94	-4.90	-780.70	102.30	688.49	648.07	40.42	17.033		
8,800.00	7,278.85	7,068.37	6,946.26	28.57	20.79	-3.98	-777.36	88.21	776.43	735.89	40.54	19.151		
8,900.00	7,275.67	7,050.00	6,929.63	29.84	20.70	-3.49	-775.37	80.67	866.05	825.39	40.65	21.304		
9,000.00	7,272.50	7,032.25	6,913.36	31.14	20.62	-3.06	-773.43	73.85	956.92	916.18	40.74	23.489		
9,100.00	7,269.33	7,017.13	6,899.35	32.48	20.55	-2.71	-771.76	68.41	1,048.84	1,008.03	40.80	25.704		
9,200.00	7,266.15	7,000.00	6,883.33	33.85	20.48	-2.34	-769.84	62.65	1,141.66	1,100.80	40.86	27.940		
9,300.00	7,262.98	7,000.00	6,883.33	35.24	20.48	-2.34	-769.84	62.65	1,235.29	1,194.40	40.88	30.216		
9,400.00	7,259.81	6,980.36	6,864.79	36.66	20.40	-1.95	-767.62	56.57	1,329.39	1,288.46	40.93	32.478		
9,500.00	7,256.64	6,970.34	6,855.26	38.10	20.36	-1.76	-766.48	53.70	1,424.14	1,383.18	40.96	34.768		
9,600.00	7,253.46	6,950.00	6,835.78	39.55	20.28	-1.40	-764.14	48.33	1,519.51	1,478.50	41.01	37.050		
9,700.00	7,250.29	6,950.00	6,835.78	41.02	20.28	-1.40	-764.14	48.33	1,615.02	1,574.01	41.01	39.377		
9,800.00	7,247.12	6,950.00	6,835.78	42.51	20.28	-1.40	-764.14	48.33	1,711.05	1,670.03	41.01	41.719		
9,900.00	7,243.95	6,950.00	6,835.78	44.01	20.28	-1.40	-764.14	48.33	1,807.51	1,766.49	41.01	44.071		
10,000.00	7,240.77	6,931.59	6,818.01	45.52	20.21	-1.09	-762.01	44.01	1,903.97	1,862.91	41.07	46.362		
10,100.00	7,237.60	6,925.54	6,812.15	47.04	20.19	-0.99	-761.31	42.71	2,000.84	1,959.76	41.09	48.697		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,234.43	6,919.92	6,806.69	48.57	20.17	-0.90	-760.65	41.55	2,097.94	2,056.83	41.11	51.035	
10,300.00	7,231.25	6,900.00	6,787.26	50.11	20.10	-0.61	-758.31	37.82	2,195.46	2,154.29	41.17	53.324	
10,400.00	7,228.08	6,900.00	6,787.26	51.66	20.10	-0.61	-758.31	37.82	2,292.82	2,251.64	41.18	55.679	
10,500.00	7,224.91	6,900.00	6,787.26	53.21	20.10	-0.61	-758.31	37.82	2,390.40	2,349.21	41.19	58.036	
10,600.00	7,221.74	6,900.00	6,787.26	54.78	20.10	-0.61	-758.31	37.82	2,488.17	2,446.97	41.20	60.393	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.88	1.84	-879.77	879.78					
100.00	100.00	100.00	100.00	3.28	3.28	-89.88	1.84	-879.77	879.78	872.25	7.53	116.854		
200.00	200.00	200.00	200.00	3.31	3.31	-89.88	1.84	-879.77	879.78	872.20	7.57	116.159		
300.00	300.00	327.13	327.09	3.35	3.36	146.82	-0.19	-877.81	878.60	870.93	7.67	114.571		
400.00	399.93	454.06	453.73	3.41	3.45	146.60	-6.26	-871.95	876.90	869.10	7.80	112.354		
500.00	499.68	580.72	579.60	3.49	3.58	146.27	-16.33	-862.23	875.07	867.07	8.00	109.378		
600.00	599.13	707.03	704.39	3.60	3.78	145.84	-30.36	-848.69	873.12	864.86	8.26	105.644		
700.00	698.15	828.19	823.18	3.74	4.03	145.34	-47.47	-832.16	871.15	862.55	8.60	101.246		
751.69	749.13	879.78	873.60	3.83	4.16	145.13	-55.31	-824.59	870.77	861.97	8.80	98.975		
800.00	796.63	928.02	920.76	3.93	4.28	144.96	-62.65	-817.51	871.10	862.11	8.99	96.889		
900.00	894.68	1,027.91	1,018.39	4.15	4.56	144.67	-77.83	-802.84	872.99	863.56	9.43	92.543		
1,000.00	992.71	1,127.79	1,116.02	4.40	4.87	144.39	-93.02	-788.18	874.95	865.03	9.92	88.185		
1,100.00	1,090.75	1,227.68	1,213.65	4.68	5.20	144.10	-108.20	-773.52	876.93	866.48	10.45	83.918		
1,200.00	1,188.79	1,327.57	1,311.28	4.98	5.54	143.82	-123.38	-758.86	878.93	867.92	11.01	79.829		
1,300.00	1,286.83	1,427.45	1,408.91	5.30	5.90	143.54	-138.57	-744.19	880.96	869.36	11.60	75.939		
1,400.00	1,384.86	1,527.34	1,506.54	5.63	6.27	143.26	-153.75	-729.53	883.00	870.78	12.22	72.282		
1,500.00	1,482.90	1,627.22	1,604.17	5.98	6.64	142.98	-168.94	-714.87	885.07	872.21	12.85	68.863		
1,600.00	1,580.94	1,727.11	1,701.80	6.33	7.03	142.70	-184.12	-700.21	887.15	873.65	13.51	65.679		
1,700.00	1,678.98	1,827.00	1,799.43	6.69	7.37	142.42	-199.31	-685.54	889.26	875.13	14.13	62.920		
1,800.00	1,777.01	1,926.88	1,897.06	7.06	7.54	142.15	-214.49	-670.88	891.39	876.95	14.44	61.746		
1,900.00	1,875.05	2,026.77	1,994.69	7.27	7.60	141.88	-229.68	-656.22	893.54	879.08	14.45	61.831		
2,000.00	1,973.09	2,126.65	2,092.32	7.31	7.67	141.60	-244.86	-641.56	895.70	881.15	14.55	61.544		
2,100.00	2,071.13	2,226.54	2,189.95	7.38	7.77	141.33	-260.05	-626.89	897.89	883.20	14.69	61.111		
2,200.00	2,169.16	2,326.43	2,287.58	7.46	7.88	141.06	-275.23	-612.23	900.10	885.23	14.87	60.544		
2,300.00	2,267.20	2,426.31	2,385.21	7.56	8.00	140.80	-290.42	-597.57	902.33	887.26	15.08	59.855		
2,400.00	2,365.24	2,526.20	2,482.84	7.67	8.14	140.53	-305.60	-582.91	904.58	889.26	15.32	59.060		
2,500.00	2,463.28	2,626.08	2,580.47	7.80	8.30	140.26	-320.78	-568.24	906.85	891.26	15.59	58.174		
2,600.00	2,561.31	2,725.97	2,678.10	7.95	8.47	140.00	-335.97	-553.58	909.13	893.24	15.89	57.212		
2,700.00	2,659.35	2,825.86	2,775.73	8.11	8.66	139.74	-351.15	-538.92	911.44	895.22	16.22	56.190		
2,800.00	2,757.39	2,925.74	2,873.36	8.28	8.85	139.47	-366.34	-524.26	913.77	897.19	16.58	55.122		
2,900.00	2,855.43	3,025.63	2,970.99	8.47	9.06	139.21	-381.52	-509.59	916.11	899.15	16.96	54.020		
3,000.00	2,953.46	3,125.51	3,068.62	8.66	9.28	138.95	-396.71	-494.93	918.47	901.11	17.36	52.897		
3,100.00	3,051.50	3,225.40	3,166.25	8.87	9.51	138.70	-411.89	-480.27	920.86	903.07	17.79	51.763		
3,200.00	3,149.54	3,325.28	3,263.88	9.09	9.75	138.44	-427.08	-465.61	923.26	905.02	18.24	50.627		
3,300.00	3,247.58	3,425.17	3,361.51	9.32	10.00	138.19	-442.26	-450.94	925.68	906.97	18.70	49.497		
3,400.00	3,345.61	3,525.06	3,459.14	9.55	10.25	137.93	-457.45	-436.28	928.11	908.93	19.18	48.378		
3,500.00	3,443.65	3,624.94	3,556.77	9.80	10.52	137.68	-472.63	-421.62	930.57	910.89	19.68	47.276		
3,600.00	3,541.69	3,724.83	3,654.40	10.05	10.79	137.43	-487.82	-406.96	933.04	912.84	20.20	46.196		
3,700.00	3,639.73	3,824.71	3,752.03	10.31	11.07	137.18	-503.00	-392.29	935.53	914.81	20.73	45.139		
3,800.00	3,737.76	3,924.60	3,849.66	10.57	11.35	136.93	-518.18	-377.63	938.04	916.78	21.27	44.109		
3,900.00	3,835.80	4,024.49	3,947.29	10.84	11.64	136.68	-533.37	-362.97	940.57	918.75	21.82	43.107		
4,000.00	3,933.84	4,124.37	4,044.92	11.12	11.93	136.44	-548.55	-348.31	943.11	920.73	22.38	42.135		
4,100.00	4,031.88	4,224.26	4,142.55	11.40	12.23	136.19	-563.74	-333.64	945.67	922.72	22.96	41.192		
4,200.00	4,129.91	4,324.14	4,240.18	11.69	12.53	135.95	-578.92	-318.98	948.25	924.71	23.54	40.280		
4,300.00	4,227.95	4,424.03	4,337.81	11.98	12.84	135.71	-594.11	-304.32	950.85	926.71	24.13	39.398		
4,400.00	4,325.99	4,523.92	4,435.44	12.27	13.15	135.47	-609.29	-289.65	953.46	928.72	24.74	38.546		
4,500.00	4,424.03	4,623.80	4,533.07	12.57	13.47	135.23	-624.48	-274.99	956.09	930.74	25.34	37.723		
4,600.00	4,522.06	4,723.69	4,630.70	12.88	13.78	134.99	-639.66	-260.33	958.73	932.77	25.96	36.930		
4,700.00	4,620.10	4,823.57	4,728.33	13.18	14.11	134.75	-654.85	-245.67	961.40	934.81	26.58	36.165		
4,800.00	4,718.14	4,923.46	4,825.96	13.49	14.43	134.52	-670.03	-231.00	964.07	936.86	27.21	35.427		
4,900.00	4,816.17	5,023.35	4,923.59	13.80	14.76	134.29	-685.22	-216.34	966.77	938.92	27.85	34.716		
5,000.00	4,914.21	5,123.23	5,021.22	14.12	15.09	134.05	-700.40	-201.68	969.48	940.99	28.49	34.030		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,223.12	5,118.85	14.43	15.42	133.82	-715.59	-187.02	972.21	943.07	29.13	33.369		
5,200.00	5,110.29	5,323.00	5,216.48	14.75	15.75	133.59	-730.77	-172.35	974.95	945.16	29.79	32.732		
5,300.00	5,208.32	5,422.89	5,314.11	15.07	16.09	133.36	-745.95	-157.69	977.71	947.26	30.44	32.118		
5,400.00	5,306.36	5,522.78	5,411.74	15.40	16.43	133.14	-761.14	-143.03	980.48	949.38	31.10	31.526		
5,500.00	5,404.40	5,622.66	5,509.37	15.72	16.77	132.91	-776.32	-128.37	983.27	951.50	31.76	30.955		
5,600.00	5,502.44	5,722.55	5,607.00	16.05	17.11	132.69	-791.51	-113.70	986.07	953.64	32.43	30.404		
5,700.00	5,600.47	5,822.43	5,704.63	16.38	17.45	132.46	-806.69	-99.04	988.89	955.79	33.10	29.873		
5,800.00	5,698.51	5,922.32	5,802.26	16.71	17.79	132.24	-821.88	-84.38	991.72	957.94	33.78	29.360		
5,900.00	5,796.55	6,022.21	5,899.89	17.04	18.14	132.02	-837.06	-69.72	994.57	960.12	34.46	28.865		
6,000.00	5,894.59	6,122.09	5,997.52	17.38	18.49	131.80	-852.25	-55.05	997.44	962.30	35.14	28.387		
6,100.00	5,992.62	6,221.98	6,095.15	17.71	18.84	131.58	-867.43	-40.39	1,000.31	964.49	35.82	27.925		
6,200.00	6,090.66	7,806.71	6,990.45	18.05	29.44	83.25	-1,006.25	940.09	982.50	952.12	30.38	32.344		
6,300.00	6,188.70	7,809.25	6,990.37	18.39	29.47	80.75	-1,006.23	956.05	888.78	857.70	31.08	28.598		
6,400.00	6,286.74	7,825.21	6,990.28	18.72	29.66	78.16	-1,006.21	972.01	796.27	764.24	32.03	24.861		
6,500.00	6,384.77	7,841.17	6,990.20	19.06	29.85	75.46	-1,006.19	987.97	705.45	672.25	33.20	21.248		
6,600.00	6,482.81	7,857.14	6,990.11	19.40	30.04	72.68	-1,006.16	1,003.94	617.06	582.35	34.70	17.782		
6,700.00	6,580.86	7,873.06	6,990.03	19.74	30.22	66.97	-1,006.14	1,019.86	532.30	495.62	36.68	14.513		
6,800.00	6,679.86	7,880.08	6,989.99	19.94	30.31	-2.00	-1,006.13	1,026.88	452.48	413.28	39.20	11.542		
6,900.00	6,778.81	7,871.43	6,990.04	20.07	30.21	-62.63	-1,006.15	1,018.23	382.11	339.84	42.27	9.040		
7,000.00	6,875.27	7,847.32	6,990.16	20.15	29.92	-79.14	-1,006.18	994.12	328.30	282.88	45.42	7.228		
7,100.00	6,966.86	7,808.34	6,990.37	20.17	29.46	-81.05	-1,006.23	955.14	298.03	250.63	47.41	6.287		
7,166.75	7,024.16	7,774.51	6,990.55	20.15	29.08	-78.06	-1,006.27	921.31	292.46	245.01	47.45	6.163	CC, ES, SF	
7,200.00	7,051.33	7,755.45	6,990.65	20.15	28.86	-75.71	-1,006.30	902.25	293.72	246.64	47.09	6.238		
7,300.00	7,126.59	7,689.96	6,991.00	20.10	28.13	-66.59	-1,006.39	836.76	309.86	264.92	44.94	6.895		
7,400.00	7,190.80	7,613.47	6,991.40	20.04	27.32	-56.84	-1,006.49	760.27	336.46	294.08	42.39	7.938		
7,500.00	7,242.38	7,527.87	6,991.86	19.99	26.46	-48.72	-1,006.60	674.68	364.50	324.25	40.25	9.056		
7,600.00	7,280.05	7,450.00	6,990.32	19.97	25.72	-43.37	-1,006.40	596.85	389.31	350.60	38.71	10.058		
7,700.00	7,302.88	7,387.04	6,982.71	19.99	25.15	-39.59	-1,005.25	534.38	412.32	374.55	37.77	10.916		
7,800.00	7,310.32	7,321.85	6,968.45	20.09	24.57	-36.38	-1,003.06	470.84	432.74	395.40	37.35	11.588		
7,900.00	7,307.40	7,258.53	6,948.52	20.33	24.04	-34.43	-999.99	410.85	453.64	416.34	37.30	12.161		
8,000.00	7,304.23	7,200.00	6,924.94	20.77	23.57	-32.47	-996.35	357.42	482.29	444.79	37.50	12.860		
8,100.00	7,301.05	7,150.00	6,901.03	21.38	23.18	-30.61	-992.65	313.68	518.80	480.83	37.97	13.664		
8,200.00	7,297.88	7,100.00	6,873.81	22.15	22.82	-28.64	-988.44	271.97	562.70	524.22	38.49	14.620		
8,300.00	7,294.71	7,050.00	6,843.43	23.03	22.47	-26.62	-983.73	232.55	613.42	574.41	39.01	15.726		
8,400.00	7,291.54	7,010.14	6,817.09	24.00	22.21	-25.01	-979.65	202.92	670.29	630.67	39.62	16.917		
8,500.00	7,288.36	6,973.93	6,791.61	25.05	21.98	-23.57	-975.70	177.51	732.53	692.33	40.20	18.222		
8,600.00	7,285.19	6,950.00	6,774.00	26.17	21.84	-22.63	-972.96	161.53	799.53	758.74	40.80	19.598		
8,700.00	7,282.02	6,912.30	6,745.10	27.34	21.61	-21.18	-968.48	137.75	870.33	829.14	41.18	21.134		
8,800.00	7,278.85	6,886.09	6,724.21	28.57	21.46	-20.21	-965.23	122.26	944.64	903.06	41.58	22.719		
8,900.00	7,275.67	6,850.00	6,694.45	29.84	21.27	-18.92	-960.61	102.39	1,022.07	980.21	41.86	24.417		
9,000.00	7,272.50	6,850.00	6,694.45	31.14	21.27	-18.92	-960.61	102.39	1,101.72	1,059.48	42.24	26.085		
9,100.00	7,269.33	6,821.82	6,670.47	32.48	21.12	-17.95	-956.89	88.07	1,183.51	1,141.06	42.45	27.881		
9,200.00	7,266.15	6,800.00	6,651.48	33.85	21.01	-17.23	-953.94	77.73	1,267.28	1,224.63	42.65	29.716		
9,300.00	7,262.98	6,800.00	6,651.48	35.24	21.01	-17.23	-953.94	77.73	1,352.75	1,309.91	42.84	31.574		
9,400.00	7,259.81	6,773.68	6,628.13	36.66	20.88	-16.38	-950.31	66.14	1,439.33	1,396.35	42.98	33.490		
9,500.00	7,256.64	6,750.00	6,606.74	38.10	20.77	-15.65	-946.99	56.56	1,527.39	1,484.29	43.10	35.438		
9,600.00	7,253.46	6,750.00	6,606.74	39.55	20.77	-15.65	-946.99	56.56	1,616.28	1,573.06	43.21	37.403		
9,700.00	7,250.29	6,750.00	6,606.74	41.02	20.77	-15.65	-946.99	56.56	1,706.40	1,663.10	43.30	39.407		
9,800.00	7,247.12	6,726.18	6,584.87	42.51	20.66	-14.95	-943.59	47.74	1,796.97	1,753.57	43.39	41.413		
9,900.00	7,243.95	6,700.00	6,560.49	44.01	20.55	-14.20	-939.80	39.01	1,888.74	1,845.26	43.48	43.441		
10,000.00	7,240.77	6,700.00	6,560.49	45.52	20.55	-14.20	-939.80	39.01	1,980.65	1,937.11	43.54	45.494		
10,100.00	7,237.60	6,700.00	6,560.49	47.04	20.55	-14.20	-939.80	39.01	2,073.31	2,029.73	43.59	47.569		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error: 0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error: 3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	
10,200.00	7,234.43	6,700.00	6,560.49	48.57	20.55	-14.20	-939.80	39.01	2,166.62	2,123.00	43.63	49.663
10,300.00	7,231.25	6,700.00	6,560.49	50.11	20.55	-14.20	-939.80	39.01	2,260.51	2,216.85	43.66	51.772
10,400.00	7,228.08	6,677.14	6,538.92	51.66	20.46	-13.58	-936.45	32.22	2,354.38	2,310.65	43.74	53.831
10,500.00	7,224.91	6,670.73	6,532.83	53.21	20.43	-13.41	-935.50	30.46	2,448.89	2,405.11	43.78	55.937

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-89.86	2.20	-919.59	919.59					
100.00	100.00	100.00	100.00	3.28	3.28	-89.86	2.20	-919.59	919.59	912.06	7.53	122.142		
200.00	200.00	200.00	200.00	3.31	3.31	-89.86	2.20	-919.59	919.59	912.02	7.57	121.416		
300.00	300.00	338.57	338.52	3.35	3.37	146.87	0.54	-916.68	917.85	910.18	7.67	119.598		
400.00	399.93	476.88	476.45	3.41	3.47	146.76	-4.45	-907.99	914.49	906.67	7.82	116.963		
500.00	499.68	614.80	613.36	3.49	3.63	146.62	-12.72	-893.59	909.86	901.84	8.02	113.433		
600.00	599.13	743.72	740.48	3.60	3.85	146.47	-23.36	-875.05	904.11	895.82	8.29	109.102		
700.00	698.15	843.62	838.73	3.74	4.06	146.42	-32.35	-859.38	900.03	891.44	8.59	104.768		
790.19	787.00	933.80	927.42	3.91	4.27	146.46	-40.47	-845.23	898.85	889.94	8.91	100.881		
800.00	796.63	943.61	937.07	3.93	4.30	146.46	-41.35	-843.69	898.86	889.91	8.95	100.469		
900.00	894.68	1,043.59	1,035.40	4.15	4.56	146.58	-50.36	-828.01	899.64	890.29	9.35	96.213		
1,000.00	992.71	1,143.57	1,133.73	4.40	4.84	146.69	-59.36	-812.32	900.47	890.67	9.79	91.951		
1,100.00	1,090.75	1,243.55	1,232.06	4.68	5.13	146.81	-68.36	-796.64	901.30	891.03	10.27	87.775		
1,200.00	1,188.79	1,343.53	1,330.40	4.98	5.44	146.92	-77.36	-780.96	902.14	891.37	10.77	83.768		
1,300.00	1,286.83	1,443.51	1,428.73	5.30	5.77	147.04	-86.36	-765.27	902.98	891.68	11.30	79.934		
1,400.00	1,384.86	1,543.49	1,527.06	5.63	6.10	147.15	-95.36	-749.59	903.82	891.98	11.84	76.315		
1,500.00	1,482.90	1,643.47	1,625.39	5.98	6.44	147.26	-104.36	-733.91	904.67	892.26	12.41	72.917		
1,600.00	1,580.94	1,743.45	1,723.72	6.33	6.79	147.38	-113.36	-718.22	905.52	892.53	12.98	69.736		
1,700.00	1,678.98	1,843.43	1,822.05	6.69	7.07	147.49	-122.36	-702.54	906.37	893.03	13.34	67.937		
1,800.00	1,777.01	1,943.41	1,920.38	7.06	7.20	147.61	-131.36	-686.86	907.23	893.49	13.74	66.025		
1,900.00	1,875.05	2,043.39	2,018.71	7.27	7.25	147.72	-140.36	-671.17	908.09	894.37	13.72	66.181		
2,000.00	1,973.09	2,143.37	2,117.05	7.31	7.31	147.83	-149.37	-655.49	908.96	895.17	13.79	65.909		
2,100.00	2,071.13	2,243.35	2,215.38	7.38	7.39	147.95	-158.37	-639.81	909.83	895.93	13.89	65.482		
2,200.00	2,169.16	2,343.33	2,313.71	7.46	7.49	148.06	-167.37	-624.12	910.70	896.67	14.03	64.909		
2,300.00	2,267.20	2,443.31	2,412.04	7.56	7.61	148.17	-176.37	-608.44	911.57	897.38	14.20	64.204		
2,400.00	2,365.24	2,543.29	2,510.37	7.67	7.73	148.28	-185.37	-592.76	912.45	898.06	14.40	63.381		
2,500.00	2,463.28	2,643.27	2,608.70	7.80	7.88	148.39	-194.37	-577.07	913.34	898.71	14.62	62.456		
2,600.00	2,561.31	2,743.25	2,707.03	7.95	8.03	148.51	-203.37	-561.39	914.22	899.34	14.88	61.444		
2,700.00	2,659.35	2,843.23	2,805.37	8.11	8.20	148.62	-212.37	-545.71	915.11	899.95	15.16	60.362		
2,800.00	2,757.39	2,943.21	2,903.70	8.28	8.38	148.73	-221.37	-530.02	916.00	900.54	15.47	59.225		
2,900.00	2,855.43	3,043.19	3,002.03	8.47	8.57	148.84	-230.37	-514.34	916.90	901.11	15.80	58.047		
3,000.00	2,953.46	3,143.17	3,100.36	8.66	8.77	148.95	-239.37	-498.66	917.80	901.65	16.15	56.840		
3,100.00	3,051.50	3,243.15	3,198.69	8.87	8.98	149.06	-248.37	-482.97	918.70	902.19	16.52	55.617		
3,200.00	3,149.54	3,343.13	3,297.02	9.09	9.20	149.17	-257.38	-467.29	919.61	902.70	16.91	54.387		
3,300.00	3,247.58	3,443.11	3,395.35	9.32	9.42	149.28	-266.38	-451.61	920.52	903.21	17.32	53.160		
3,400.00	3,345.61	3,543.09	3,493.68	9.55	9.66	149.39	-275.38	-435.92	921.44	903.70	17.74	51.941		
3,500.00	3,443.65	3,643.07	3,592.02	9.80	9.90	149.50	-284.38	-420.24	922.35	904.17	18.18	50.738		
3,600.00	3,541.69	3,743.05	3,690.35	10.05	10.15	149.61	-293.38	-404.56	923.27	904.64	18.63	49.555		
3,700.00	3,639.73	3,843.03	3,788.68	10.31	10.40	149.72	-302.38	-388.87	924.20	905.10	19.10	48.396		
3,800.00	3,737.76	3,943.01	3,887.01	10.57	10.66	149.83	-311.38	-373.19	925.12	905.55	19.57	47.263		
3,900.00	3,835.80	4,042.99	3,985.34	10.84	10.93	149.94	-320.38	-357.51	926.06	905.99	20.06	46.159		
4,000.00	3,933.84	4,142.97	4,083.67	11.12	11.20	150.05	-329.38	-341.82	926.99	906.43	20.56	45.086		
4,100.00	4,031.88	4,242.95	4,182.00	11.40	11.47	150.16	-338.38	-326.14	927.93	906.86	21.07	44.044		
4,200.00	4,129.91	4,342.93	4,280.34	11.69	11.75	150.27	-347.38	-310.46	928.87	907.28	21.58	43.034		
4,300.00	4,227.95	4,442.91	4,378.67	11.98	12.03	150.37	-356.39	-294.77	929.81	907.70	22.11	42.057		
4,400.00	4,325.99	4,542.89	4,477.00	12.27	12.32	150.48	-365.39	-279.09	930.76	908.12	22.64	41.111		
4,500.00	4,424.03	4,642.87	4,575.33	12.57	12.61	150.59	-374.39	-263.41	931.71	908.53	23.18	40.197		
4,600.00	4,522.06	4,742.85	4,673.66	12.88	12.90	150.70	-383.39	-247.72	932.66	908.94	23.72	39.314		
4,700.00	4,620.10	4,842.83	4,771.99	13.18	13.20	150.80	-392.39	-232.04	933.62	909.35	24.27	38.462		
4,800.00	4,718.14	4,942.82	4,870.32	13.49	13.50	150.91	-401.39	-216.36	934.58	909.75	24.83	37.639		
4,900.00	4,816.17	5,042.80	4,968.65	13.80	13.80	151.02	-410.39	-200.67	935.54	910.15	25.39	36.845		
5,000.00	4,914.21	5,142.78	5,066.99	14.12	14.10	151.12	-419.39	-184.99	936.51	910.55	25.96	36.079		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,012.25	5,242.76	5,165.32	14.43	14.41	151.23	-428.39	-169.31	937.48	910.95	26.53	35.340		
5,200.00	5,110.29	5,342.74	5,263.65	14.75	14.72	151.34	-437.39	-153.62	938.45	911.35	27.10	34.627		
5,300.00	5,208.32	5,442.72	5,361.98	15.07	15.03	151.44	-446.39	-137.94	939.43	911.75	27.68	33.939		
5,400.00	5,306.36	5,542.70	5,460.31	15.40	15.34	151.55	-455.40	-122.26	940.41	912.15	28.26	33.275		
5,500.00	5,404.40	5,642.68	5,558.64	15.72	15.65	151.65	-464.40	-106.57	941.39	912.55	28.85	32.634		
5,600.00	5,502.44	5,742.66	5,656.97	16.05	15.97	151.76	-473.40	-90.89	942.38	912.94	29.44	32.015		
5,700.00	5,600.47	5,842.64	5,755.31	16.38	16.29	151.86	-482.40	-75.21	943.37	913.34	30.03	31.418		
5,800.00	5,698.51	5,942.62	5,853.64	16.71	16.61	151.97	-491.40	-59.52	944.36	913.74	30.62	30.841		
5,900.00	5,796.55	6,042.60	5,951.97	17.04	16.93	152.07	-500.40	-43.84	945.36	914.14	31.22	30.284		
6,000.00	5,894.59	6,142.58	6,050.30	17.38	17.25	152.18	-509.40	-28.16	946.35	914.54	31.81	29.746		
6,100.00	5,992.62	6,242.56	6,148.63	17.71	17.57	152.28	-518.40	-12.47	947.36	914.94	32.42	29.225		
6,200.00	6,090.66	6,342.54	6,246.96	18.05	17.90	152.39	-527.40	3.21	948.36	915.34	33.02	28.722		
6,300.00	6,188.70	7,852.23	7,116.07	18.39	28.48	-174.75	-603.66	954.45	927.57	898.96	28.61	32.424		
6,400.00	6,286.74	7,868.34	7,116.01	18.72	28.67	-171.53	-603.59	970.55	829.81	800.82	29.00	28.617		
6,500.00	6,384.77	7,884.44	7,115.96	19.06	28.87	-167.87	-603.52	986.66	732.31	702.89	29.43	24.887		
6,600.00	6,482.81	7,900.55	7,115.90	19.40	29.06	-163.69	-603.45	1,002.76	635.18	605.27	29.91	21.233		
6,700.00	6,580.86	7,916.61	7,115.85	19.74	29.26	-158.92	-603.38	1,018.83	538.61	508.09	30.52	17.648		
6,800.00	6,679.86	7,923.78	7,115.82	19.94	29.35	179.71	-603.35	1,026.00	442.08	410.80	31.29	14.130		
6,900.00	6,778.81	7,915.28	7,115.85	20.07	29.25	148.67	-603.38	1,017.50	347.44	315.04	32.39	10.726		
7,000.00	6,875.27	7,908.69	7,115.93	20.15	29.16	140.50	-603.49	993.53	258.80	224.33	34.46	7.510		
7,100.00	6,966.86	7,852.46	7,116.07	20.17	28.48	131.20	-603.66	954.68	182.72	144.49	38.23	4.779		
7,200.00	7,051.33	7,800.30	7,116.25	20.15	27.86	115.01	-603.89	901.92	132.09	87.75	44.34	2.979		
7,266.57	7,102.58	7,757.48	7,116.40	20.12	27.36	99.67	-604.07	859.70	121.64	75.31	46.33	2.625	CC, ES, SF	
7,300.00	7,126.59	7,734.31	7,116.48	20.10	27.10	91.15	-604.18	836.53	124.01	78.26	45.75	2.710		
7,400.00	7,190.80	7,657.92	7,116.75	20.04	26.25	67.48	-604.51	760.14	150.46	109.36	41.10	3.661		
7,500.00	7,242.38	7,574.75	7,116.95	19.99	25.36	51.76	-604.87	676.97	185.74	148.31	37.43	4.962		
7,600.00	7,280.05	7,503.13	7,111.97	19.97	24.62	42.93	-604.70	605.56	221.17	185.08	36.09	6.128		
7,700.00	7,302.88	7,433.63	7,099.53	19.99	23.94	36.94	-603.83	537.23	255.59	219.84	35.75	7.149		
7,800.00	7,310.32	7,365.79	7,080.32	20.09	23.29	32.83	-602.32	472.21	287.26	251.29	35.97	7.985		
7,900.00	7,307.40	7,300.00	7,055.21	20.33	22.70	30.56	-600.25	411.47	319.73	283.29	36.44	8.774		
8,000.00	7,304.23	7,240.59	7,027.28	20.77	22.20	28.58	-597.89	359.12	361.01	324.00	37.01	9.755		
8,100.00	7,301.05	7,186.31	6,997.61	21.38	21.77	26.75	-595.34	313.75	410.41	372.85	37.56	10.926		
8,200.00	7,297.88	7,137.61	6,967.80	22.15	21.40	25.15	-592.75	275.34	466.90	428.82	38.08	12.260		
8,300.00	7,294.71	7,100.00	6,942.84	23.03	21.13	23.98	-590.56	247.30	529.51	490.87	38.64	13.703		
8,400.00	7,291.54	7,050.00	6,907.18	24.00	20.80	22.51	-587.41	212.41	597.17	558.30	38.87	15.361		
8,500.00	7,288.36	7,021.08	6,885.34	25.05	20.62	21.71	-585.48	193.55	669.10	629.82	39.28	17.034		
8,600.00	7,285.19	7,000.00	6,868.90	26.17	20.48	21.16	-584.02	180.44	744.81	705.19	39.62	18.797		
8,700.00	7,282.02	6,963.15	6,839.15	27.34	20.27	20.24	-581.36	158.86	823.28	783.50	39.78	20.696		
8,800.00	7,278.85	6,950.00	6,828.25	28.57	20.19	19.93	-580.39	151.59	904.60	864.60	40.00	22.612		
8,900.00	7,275.67	6,916.80	6,800.07	29.84	20.01	19.17	-577.86	134.23	987.74	947.63	40.11	24.625		
9,000.00	7,272.50	6,900.00	6,785.47	31.14	19.92	18.81	-576.55	126.02	1,072.89	1,032.65	40.24	26.665		
9,100.00	7,269.33	6,879.26	6,767.16	32.48	19.82	18.39	-574.90	116.42	1,159.58	1,119.25	40.33	28.751		
9,200.00	7,266.15	6,850.00	6,740.82	33.85	19.67	17.81	-572.52	103.90	1,247.83	1,207.42	40.41	30.879		
9,300.00	7,262.98	6,850.00	6,740.82	35.24	19.67	17.81	-572.52	103.90	1,336.83	1,296.35	40.48	33.027		
9,400.00	7,259.81	6,850.00	6,740.82	36.66	19.67	17.81	-572.52	103.90	1,427.29	1,386.77	40.52	35.226		
9,500.00	7,256.64	6,822.76	6,715.81	38.10	19.55	17.31	-570.26	93.35	1,518.12	1,477.54	40.58	37.409		
9,600.00	7,253.46	6,800.00	6,694.58	39.55	19.45	16.92	-568.33	85.37	1,610.12	1,569.48	40.64	39.619		
9,700.00	7,250.29	6,800.00	6,694.58	41.02	19.45	16.92	-568.33	85.37	1,702.51	1,661.85	40.66	41.873		
9,800.00	7,247.12	6,800.00	6,694.58	42.51	19.45	16.92	-568.33	85.37	1,795.71	1,755.04	40.67	44.154		
9,900.00	7,243.95	6,800.00	6,694.58	44.01	19.45	16.92	-568.33	85.37	1,889.61	1,848.93	40.68	46.456		
10,000.00	7,240.77	6,774.48	6,670.46	45.52	19.34	16.50	-566.14	77.33	1,983.43	1,942.68	40.74	48.679		
10,100.00	7,237.60	6,750.00	6,647.05	47.04	19.24	16.12	-564.01	70.54	2,078.28	2,037.46	40.82	50.919		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
10,200.00	7,234.43	6,750.00	6,647.05	48.57	19.24	16.12	-564.01	70.54	2,173.02	2,132.20	40.82	53.233	
10,300.00	7,231.25	6,750.00	6,647.05	50.11	19.24	16.12	-564.01	70.54	2,268.21	2,227.39	40.83	55.558	
10,400.00	7,228.08	6,750.00	6,647.05	51.66	19.24	16.12	-564.01	70.54	2,363.80	2,322.97	40.83	57.891	
10,500.00	7,224.91	6,750.00	6,647.05	53.21	19.24	16.12	-564.01	70.54	2,459.75	2,418.91	40.84	60.231	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7000-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	7,158.28	7,204.40	7,203.27	86.87	20.32	100.76	-423.71	-6,824.50	2,438.10	2,391.61	46.49	52.448		
12,700.00	7,155.11	7,201.03	7,199.91	88.50	20.26	100.24	-423.85	-6,824.50	2,339.25	2,292.28	46.97	49.801		
12,800.00	7,151.94	7,202.34	7,196.54	90.13	20.28	99.72	-423.98	-6,824.51	2,240.50	2,192.91	47.59	47.078		
12,900.00	7,148.76	7,194.29	7,193.17	91.76	20.17	99.19	-424.11	-6,824.52	2,141.85	2,093.72	48.14	44.494		
13,000.00	7,145.59	7,190.92	7,189.81	93.40	20.13	98.67	-424.24	-6,824.52	2,043.34	1,994.51	48.83	41.847		
13,100.00	7,142.42	7,187.55	7,186.44	95.03	20.08	98.14	-424.37	-6,824.53	1,944.97	1,895.36	49.60	39.209		
13,200.00	7,139.25	7,184.18	7,183.07	96.67	20.04	97.61	-424.50	-6,824.54	1,846.77	1,796.29	50.48	36.583		
13,300.00	7,136.07	7,180.82	7,179.71	98.31	20.00	97.07	-424.63	-6,824.54	1,748.76	1,697.29	51.48	33.973		
13,400.00	7,132.90	7,177.45	7,176.34	99.95	19.96	96.54	-424.76	-6,824.55	1,650.99	1,598.38	52.61	31.382		
13,500.00	7,129.73	7,174.08	7,172.97	101.59	19.91	96.00	-424.89	-6,824.55	1,553.50	1,499.59	53.91	28.815		
13,600.00	7,126.56	7,170.71	7,169.61	103.23	19.87	95.47	-425.02	-6,824.56	1,456.34	1,400.92	55.42	26.280		
13,700.00	7,123.38	7,167.34	7,166.24	104.87	19.83	94.93	-425.16	-6,824.57	1,359.58	1,302.41	57.17	23.783		
13,800.00	7,120.21	7,163.97	7,162.87	106.51	19.78	94.39	-425.29	-6,824.57	1,263.31	1,204.10	59.22	21.333		
13,900.00	7,117.04	7,160.60	7,159.51	108.16	19.74	93.85	-425.42	-6,824.58	1,167.67	1,106.02	61.64	18.942		
14,000.00	7,113.87	7,157.23	7,156.14	109.80	19.70	93.31	-425.55	-6,824.59	1,072.81	1,008.27	64.54	16.623		
14,100.00	7,110.69	7,153.86	7,152.77	111.45	19.65	92.76	-425.68	-6,824.59	978.96	910.94	68.02	14.392		
14,200.00	7,107.52	7,150.49	7,149.41	113.10	19.61	92.22	-425.81	-6,824.60	886.44	814.19	72.26	12.268		
14,300.00	7,104.35	7,147.12	7,146.04	114.74	19.57	91.67	-425.94	-6,824.60	795.73	718.26	77.47	10.272		
14,400.00	7,101.17	7,143.75	7,142.67	116.39	19.52	91.13	-426.07	-6,824.61	707.50	623.58	83.92	8.431		
14,500.00	7,098.00	7,140.38	7,139.31	118.04	19.48	90.58	-426.20	-6,824.62	622.82	530.86	91.96	6.773		
14,600.00	7,094.83	7,137.01	7,135.94	119.69	19.44	90.04	-426.33	-6,824.62	543.36	441.43	101.93	5.331		
14,700.00	7,091.66	7,133.65	7,132.57	121.34	19.39	89.49	-426.46	-6,824.63	471.75	357.79	113.96	4.140		
14,800.00	7,088.48	7,130.28	7,129.21	122.99	19.35	88.94	-426.60	-6,824.63	412.11	284.74	127.36	3.236		
14,900.00	7,085.31	7,126.91	7,125.84	124.64	19.31	88.40	-426.73	-6,824.64	370.26	230.68	139.58	2.653		
15,000.00	7,082.14	7,123.54	7,122.47	126.29	19.27	87.85	-426.86	-6,824.65	352.61	206.63	145.97	2.416		
15,013.88	7,081.70	7,123.07	7,122.01	126.52	19.26	87.77	-426.88	-6,824.65	352.33	206.18	146.15	2.411 CC, ES, SF		
15,100.00	7,078.97	7,120.17	7,119.11	127.94	19.22	87.30	-426.99	-6,824.65	362.70	219.53	143.17	2.533		
15,200.00	7,075.79	7,116.80	7,115.74	129.60	19.18	86.75	-427.12	-6,824.66	398.43	265.39	133.04	2.995		
15,300.00	7,072.62	7,113.43	7,112.37	131.25	19.14	86.21	-427.25	-6,824.67	453.78	333.49	120.29	3.772		
15,400.00	7,069.45	7,110.06	7,109.01	132.90	19.09	85.66	-427.38	-6,824.67	522.55	414.36	108.20	4.830		
15,500.00	7,066.27	7,106.69	7,105.64	134.55	19.05	85.11	-427.51	-6,824.68	600.16	502.22	97.93	6.128		
15,578.05	7,063.80	7,104.06	7,103.01	135.85	19.02	84.69	-427.61	-6,824.68	664.88	569.51	95.37	6.971		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
5N-66W-06 Offsets Incomplete - SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,900.00	7,180.49	7,285.01	7,154.25	75.50	16.59	91.71	947.35	-5,468.55	2,454.95	2,380.86	74.09	33.134		
12,000.00	7,177.32	7,283.35	7,152.60	77.12	16.59	91.65	947.37	-5,468.52	2,384.71	2,308.11	76.60	31.134		
12,100.00	7,174.15	7,281.69	7,150.94	78.74	16.59	91.60	947.39	-5,468.50	2,316.65	2,237.44	79.21	29.248		
12,200.00	7,170.97	7,280.02	7,149.27	80.36	16.58	91.54	947.40	-5,468.48	2,250.97	2,169.05	81.92	27.477		
12,300.00	7,167.80	7,278.35	7,147.59	81.99	16.58	91.49	947.42	-5,468.46	2,187.89	2,103.16	84.74	25.820		
12,400.00	7,164.63	7,276.66	7,145.91	83.61	16.58	91.43	947.44	-5,468.43	2,127.65	2,040.01	87.64	24.278		
12,500.00	7,161.46	7,274.96	7,144.21	85.24	16.57	91.37	947.46	-5,468.41	2,070.48	1,979.87	90.61	22.850		
12,600.00	7,158.28	7,273.26	7,142.51	86.87	16.57	91.32	947.48	-5,468.39	2,016.65	1,923.01	93.64	21.535		
12,700.00	7,155.11	7,271.54	7,140.79	88.50	16.57	91.26	947.50	-5,468.37	1,966.44	1,869.73	96.71	20.333		
12,800.00	7,151.94	7,269.82	7,139.07	90.13	16.56	91.20	947.52	-5,468.35	1,920.12	1,820.34	99.78	19.243		
12,900.00	7,148.76	7,268.09	7,137.34	91.76	16.56	91.14	947.54	-5,468.32	1,877.99	1,775.16	102.83	18.263		
13,000.00	7,145.59	7,266.34	7,135.60	93.40	16.56	91.09	947.56	-5,468.30	1,840.33	1,734.51	105.82	17.392		
13,100.00	7,142.42	7,264.59	7,133.84	95.03	16.55	91.03	947.59	-5,468.28	1,807.42	1,698.72	108.70	16.628		
13,200.00	7,139.25	7,262.83	7,132.08	96.67	16.55	90.97	947.61	-5,468.25	1,779.53	1,668.10	111.44	15.969		
13,300.00	7,136.07	7,261.06	7,130.31	98.31	16.55	90.91	947.63	-5,468.23	1,756.90	1,642.91	113.99	15.413		
13,400.00	7,132.90	7,259.28	7,128.53	99.95	16.54	90.85	947.65	-5,468.21	1,739.72	1,623.42	116.30	14.959		
13,500.00	7,129.73	7,257.49	7,126.74	101.59	16.54	90.79	947.67	-5,468.19	1,728.17	1,609.82	118.35	14.602		
13,600.00	7,126.56	7,255.69	7,124.94	103.23	16.54	90.73	947.69	-5,468.16	1,722.35	1,602.26	120.09	14.342		
13,650.38	7,124.96	7,254.78	7,124.03	104.06	16.53	90.70	947.70	-5,468.15	1,721.62	1,600.77	120.85	14.246	CC, ES	
13,700.00	7,123.38	7,253.88	7,123.13	104.87	16.53	90.67	947.72	-5,468.14	1,722.33	1,600.82	121.51	14.174		
13,800.00	7,120.21	7,252.06	7,121.31	106.51	16.53	90.61	947.74	-5,468.12	1,728.10	1,605.51	122.59	14.096	SF	
13,900.00	7,117.04	7,250.23	7,119.48	108.16	16.53	90.55	947.76	-5,468.10	1,739.61	1,616.29	123.33	14.106		
14,000.00	7,113.87	7,248.39	7,117.64	109.80	16.52	90.49	947.78	-5,468.07	1,756.75	1,633.02	123.72	14.199		
14,100.00	7,110.69	7,246.54	7,115.79	111.45	16.52	90.43	947.81	-5,468.05	1,779.34	1,655.55	123.79	14.373		
14,200.00	7,107.52	7,244.68	7,113.93	113.10	16.51	90.37	947.83	-5,468.03	1,807.19	1,683.62	123.57	14.625		
14,300.00	7,104.35	7,242.81	7,112.06	114.74	16.51	90.30	947.85	-5,468.00	1,840.06	1,716.99	123.07	14.951		
14,400.00	7,101.17	7,240.93	7,110.18	116.39	16.51	90.24	947.88	-5,467.98	1,877.68	1,755.34	122.34	15.348		
14,500.00	7,098.00	7,239.03	7,108.29	118.04	16.50	90.18	947.90	-5,467.96	1,919.78	1,798.38	121.41	15.813		
14,600.00	7,094.83	7,237.13	7,106.39	119.69	16.50	90.11	947.93	-5,467.93	1,966.07	1,845.77	120.30	16.343		
14,700.00	7,091.66	7,235.22	7,104.47	121.34	16.50	90.05	947.95	-5,467.91	2,016.25	1,897.19	119.06	16.934		
14,800.00	7,088.48	7,233.29	7,102.55	122.99	16.49	89.99	947.98	-5,467.89	2,070.05	1,952.33	117.72	17.584		
14,900.00	7,085.31	7,231.36	7,100.62	124.64	16.49	89.92	948.00	-5,467.87	2,127.19	2,010.89	116.30	18.290		
15,000.00	7,082.14	7,229.41	7,098.67	126.29	16.48	89.86	948.03	-5,467.84	2,187.41	2,072.59	114.83	19.050		
15,100.00	7,078.97	7,227.45	7,096.71	127.94	16.48	89.79	948.05	-5,467.82	2,250.47	2,137.15	113.32	19.859		
15,200.00	7,075.79	7,225.49	7,094.74	129.60	16.48	89.73	948.08	-5,467.80	2,316.12	2,204.32	111.80	20.716		
15,300.00	7,072.62	7,223.51	7,092.76	131.25	16.47	89.66	948.10	-5,467.77	2,384.16	2,273.88	110.28	21.619		
15,400.00	7,069.45	7,221.51	7,090.77	132.90	16.47	89.60	948.13	-5,467.75	2,454.39	2,345.62	108.77	22.565		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,300.00	7,199.53	7,658.13	7,196.68	65.86	25.70	104.10	-389.77	-5,551.80	2,468.77	2,419.27	49.49	49.880		
11,400.00	7,196.36	7,655.69	7,194.25	67.46	25.68	103.75	-389.54	-5,551.78	2,370.12	2,320.17	49.94	47.457		
11,500.00	7,193.18	7,653.25	7,191.82	69.06	25.64	103.40	-389.31	-5,551.76	2,271.58	2,221.16	50.43	45.048		
11,600.00	7,190.01	7,650.81	7,189.39	70.67	25.63	103.05	-389.08	-5,551.75	2,173.18	2,122.19	50.99	42.619		
11,700.00	7,186.84	7,651.63	7,186.96	72.28	25.64	102.70	-388.84	-5,551.73	2,074.92	2,023.28	51.65	40.176		
11,800.00	7,183.66	7,654.07	7,184.54	73.89	25.66	102.35	-388.61	-5,551.71	1,976.84	1,924.45	52.39	37.735		
11,900.00	7,180.49	7,656.51	7,182.11	75.50	25.69	101.99	-388.38	-5,551.70	1,878.96	1,825.74	53.22	35.308		
12,000.00	7,177.32	7,658.95	7,179.68	77.12	25.71	101.64	-388.15	-5,551.68	1,781.31	1,727.16	54.15	32.897		
12,100.00	7,174.15	7,638.61	7,177.25	78.74	25.57	101.29	-387.91	-5,551.66	1,683.93	1,628.89	55.03	30.597		
12,200.00	7,170.97	7,636.17	7,174.82	80.36	25.56	100.94	-387.68	-5,551.65	1,586.87	1,530.68	56.20	28.238		
12,300.00	7,167.80	7,633.74	7,172.39	81.99	25.55	100.58	-387.45	-5,551.63	1,490.20	1,432.67	57.53	25.903		
12,400.00	7,164.63	7,631.30	7,169.97	83.61	25.53	100.23	-387.22	-5,551.61	1,394.00	1,334.92	59.07	23.598		
12,500.00	7,161.46	7,628.86	7,167.54	85.24	25.52	99.87	-386.98	-5,551.60	1,298.36	1,237.50	60.86	21.332		
12,600.00	7,158.28	7,626.42	7,165.11	86.87	25.51	99.52	-386.75	-5,551.58	1,203.43	1,140.46	62.96	19.113		
12,700.00	7,155.11	7,623.98	7,162.68	88.50	25.50	99.16	-386.52	-5,551.56	1,109.38	1,043.94	65.44	16.953		
12,800.00	7,151.94	7,621.54	7,160.25	90.13	25.48	98.81	-386.29	-5,551.55	1,016.47	948.08	68.38	14.864		
12,900.00	7,148.76	7,619.10	7,157.83	91.76	25.47	98.45	-386.05	-5,551.53	925.02	853.11	71.91	12.864		
13,000.00	7,145.59	7,616.66	7,155.40	93.40	25.46	98.10	-385.82	-5,551.51	835.53	759.38	76.16	10.971		
13,100.00	7,142.42	7,614.22	7,152.97	95.03	25.45	97.74	-385.59	-5,551.50	748.70	667.40	81.30	9.209		
13,200.00	7,139.25	7,611.78	7,150.54	96.67	25.44	97.38	-385.36	-5,551.48	665.57	578.05	87.52	7.604		
13,300.00	7,136.07	7,609.34	7,148.11	98.31	25.42	97.03	-385.13	-5,551.46	587.71	492.76	94.96	6.189		
13,400.00	7,132.90	7,606.90	7,145.68	99.95	25.41	96.67	-384.89	-5,551.45	517.50	413.98	103.53	4.999		
13,500.00	7,129.73	7,604.46	7,143.26	101.59	25.40	96.32	-384.66	-5,551.43	458.48	345.86	112.62	4.071		
13,600.00	7,126.56	7,602.02	7,140.83	103.23	25.39	95.96	-384.43	-5,551.41	415.43	294.83	120.60	3.445		
13,700.00	7,123.38	7,599.58	7,138.40	104.87	25.38	95.60	-384.20	-5,551.40	393.64	268.75	124.89	3.152		
13,738.21	7,122.17	7,598.65	7,137.47	105.50	25.37	95.47	-384.11	-5,551.39	391.78	266.69	125.09	3.132 CC, ES, SF		
13,800.00	7,120.21	7,597.14	7,135.97	106.51	25.36	95.25	-383.96	-5,551.38	396.62	272.98	123.64	3.208		
13,900.00	7,117.04	7,594.70	7,133.54	108.16	25.35	94.89	-383.73	-5,551.36	423.86	306.26	117.59	3.604		
14,000.00	7,113.87	7,592.27	7,131.11	109.80	25.34	94.53	-383.50	-5,551.35	471.16	361.93	109.23	4.314		
14,100.00	7,110.69	7,589.83	7,128.69	111.45	25.33	94.18	-383.27	-5,551.33	533.21	432.54	100.67	5.297		
14,200.00	7,107.52	7,587.39	7,126.26	113.10	25.32	93.82	-383.03	-5,551.31	605.49	512.52	92.98	6.512		
14,300.00	7,104.35	7,584.95	7,123.83	114.74	25.30	93.46	-382.80	-5,551.30	684.78	598.32	86.45	7.921		
14,400.00	7,101.17	7,582.51	7,121.40	116.39	25.29	93.11	-382.57	-5,551.28	768.90	687.84	81.06	9.486		
14,500.00	7,098.00	7,580.07	7,118.97	118.04	25.28	92.75	-382.34	-5,551.26	856.43	779.82	76.62	11.178		
14,600.00	7,094.83	7,577.63	7,116.55	119.69	25.27	92.40	-382.10	-5,551.25	946.44	873.47	72.96	12.971		
14,700.00	7,091.66	7,575.19	7,114.12	121.34	25.26	92.04	-381.87	-5,551.23	1,038.26	968.32	69.94	14.844		
14,800.00	7,088.48	7,572.75	7,111.69	122.99	25.24	91.68	-381.64	-5,551.22	1,131.47	1,064.04	67.43	16.780		
14,900.00	7,085.31	7,570.31	7,109.26	124.64	25.23	91.33	-381.41	-5,551.20	1,225.75	1,160.42	65.33	18.763		
15,000.00	7,082.14	7,567.87	7,106.83	126.29	25.22	90.98	-381.17	-5,551.18	1,320.86	1,257.30	63.56	20.782		
15,100.00	7,078.97	7,565.43	7,104.40	127.94	25.21	90.62	-380.94	-5,551.17	1,416.64	1,354.59	62.06	22.828		
15,200.00	7,075.79	7,562.99	7,101.98	129.60	25.20	90.27	-380.71	-5,551.15	1,512.97	1,452.19	60.78	24.893		
15,300.00	7,072.62	7,560.55	7,099.55	131.25	25.18	89.91	-380.48	-5,551.13	1,609.73	1,550.05	59.68	26.971		
15,400.00	7,069.45	7,558.11	7,097.12	132.90	25.17	89.56	-380.25	-5,551.12	1,706.87	1,648.13	58.74	29.056		
15,500.00	7,066.27	7,555.67	7,094.69	134.55	25.16	89.21	-380.01	-5,551.10	1,804.32	1,746.38	57.93	31.145		
15,578.05	7,063.80	7,553.77	7,092.80	135.85	25.15	88.93	-379.83	-5,551.09	1,880.56	1,811.83	68.73	27.362		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,900.00	7,243.95	7,284.95	7,284.95	44.01	256.37	104.65	-476.89	-4,118.03	2,422.10	2,145.03	277.07	8.742		
10,000.00	7,240.77	7,281.77	7,281.77	45.52	256.26	104.07	-476.89	-4,118.03	2,322.91	2,045.74	277.17	8.381		
10,100.00	7,237.60	7,278.60	7,278.60	47.04	256.15	103.48	-476.89	-4,118.03	2,223.79	1,946.50	277.29	8.020		
10,200.00	7,234.43	7,275.43	7,275.43	48.57	256.04	102.89	-476.89	-4,118.03	2,124.74	1,847.31	277.44	7.658		
10,300.00	7,231.25	7,272.25	7,272.25	50.11	255.92	102.30	-476.89	-4,118.03	2,025.79	1,748.17	277.62	7.297		
10,400.00	7,228.08	7,269.08	7,269.08	51.66	255.81	101.70	-476.89	-4,118.03	1,926.93	1,649.10	277.84	6.935		
10,500.00	7,224.91	7,265.91	7,265.91	53.21	255.70	101.10	-476.89	-4,118.03	1,828.20	1,550.10	278.10	6.574		
10,600.00	7,221.74	7,262.74	7,262.74	54.78	255.59	100.50	-476.89	-4,118.03	1,729.60	1,451.19	278.42	6.212		
10,700.00	7,218.56	7,259.56	7,259.56	56.34	255.47	99.90	-476.89	-4,118.03	1,631.17	1,352.38	278.80	5.851		
10,800.00	7,215.39	7,256.39	7,256.39	57.92	255.36	99.29	-476.89	-4,118.03	1,532.94	1,253.68	279.26	5.489		
10,900.00	7,212.22	7,253.22	7,253.22	59.50	255.25	98.69	-476.89	-4,118.03	1,434.94	1,155.12	279.82	5.128		
11,000.00	7,209.05	7,250.05	7,250.05	61.08	255.14	98.08	-476.89	-4,118.03	1,337.24	1,056.73	280.50	4.767		
11,100.00	7,205.87	7,246.87	7,246.87	62.67	255.02	97.47	-476.89	-4,118.03	1,239.89	958.55	281.34	4.407		
11,200.00	7,202.70	7,243.70	7,243.70	64.26	254.91	96.85	-476.89	-4,118.03	1,142.99	860.62	282.37	4.048		
11,300.00	7,199.53	7,240.53	7,240.53	65.86	254.80	96.24	-476.89	-4,118.03	1,046.66	763.00	283.66	3.690		
11,400.00	7,196.36	7,237.36	7,237.36	67.46	254.69	95.62	-476.89	-4,118.03	951.08	665.81	285.27	3.334		
11,500.00	7,193.18	7,234.18	7,234.18	69.06	254.57	95.00	-476.89	-4,118.03	856.50	569.17	287.33	2.981		
11,600.00	7,190.01	7,231.01	7,231.01	70.67	254.46	94.39	-476.89	-4,118.03	763.29	473.31	289.98	2.632		
11,700.00	7,186.84	7,227.84	7,227.84	72.28	254.35	93.77	-476.89	-4,118.03	672.02	378.58	293.44	2.290		
11,800.00	7,183.66	7,224.66	7,224.66	73.89	254.24	93.15	-476.89	-4,118.03	583.60	285.59	298.00	1.958		
11,900.00	7,180.49	7,221.49	7,221.49	75.50	254.12	92.52	-476.89	-4,118.03	499.54	195.48	304.06	1.643		
12,000.00	7,177.32	7,218.32	7,218.32	77.12	254.01	91.90	-476.89	-4,118.03	422.47	110.50	311.97	1.354	Level 3	
12,100.00	7,174.15	7,215.15	7,215.15	78.74	253.90	91.28	-476.89	-4,118.03	356.92	35.27	321.65	1.110	Level 2	
12,200.00	7,170.97	7,211.97	7,211.97	80.36	253.79	90.66	-476.89	-4,118.03	310.31	-20.97	331.28	0.937	Level 1	
12,300.00	7,167.80	7,208.80	7,208.80	81.99	253.67	90.04	-476.89	-4,118.03	291.83	-44.39	336.22	0.868	Level 1	
12,305.67	7,167.62	7,208.62	7,208.62	82.08	253.67	90.00	-476.89	-4,118.03	291.78	-44.48	336.26	0.868	Level 1, CC, ES, SF	
12,400.00	7,164.63	7,205.63	7,205.63	83.61	253.56	89.41	-476.89	-4,118.03	306.63	-26.24	332.87	0.921	Level 1	
12,500.00	7,161.46	7,202.46	7,202.46	85.24	253.45	88.79	-476.89	-4,118.03	350.51	26.51	324.00	1.082	Level 2	
12,600.00	7,158.28	7,200.72	7,199.28	86.87	253.39	88.17	-476.89	-4,118.03	414.34	99.86	314.48	1.318	Level 3	
12,700.00	7,155.11	7,203.89	7,196.11	88.50	253.50	87.55	-476.89	-4,118.03	490.38	183.74	306.64	1.599		
12,800.00	7,151.94	7,207.06	7,192.94	90.13	253.61	86.92	-476.89	-4,118.03	573.80	273.21	300.59	1.909		
12,900.00	7,148.76	7,189.76	7,189.76	91.76	253.00	86.30	-476.89	-4,118.03	661.82	366.51	295.30	2.241		
13,000.00	7,145.59	7,186.59	7,186.59	93.40	252.89	85.68	-476.89	-4,118.03	752.82	461.19	291.63	2.581		
13,100.00	7,142.42	7,183.42	7,183.42	95.03	252.78	85.07	-476.89	-4,118.03	845.84	557.07	288.78	2.929		
13,200.00	7,139.25	7,180.25	7,180.25	96.67	252.66	84.45	-476.89	-4,118.03	940.29	653.76	286.53	3.282		
13,300.00	7,136.07	7,177.07	7,177.07	98.31	252.55	83.83	-476.89	-4,118.03	1,035.77	751.03	284.74	3.638		
13,400.00	7,132.90	7,173.90	7,173.90	99.95	252.44	83.22	-476.89	-4,118.03	1,132.02	848.73	283.30	3.996		
13,500.00	7,129.73	7,170.73	7,170.73	101.59	252.33	82.60	-476.89	-4,118.03	1,228.87	946.75	282.11	4.356		
13,600.00	7,126.56	7,167.56	7,167.56	103.23	252.21	81.99	-476.89	-4,118.03	1,326.17	1,045.04	281.13	4.717		
13,700.00	7,123.38	7,164.38	7,164.38	104.87	252.10	81.38	-476.89	-4,118.03	1,423.84	1,143.53	280.31	5.080		
13,800.00	7,120.21	7,161.21	7,161.21	106.51	251.99	80.78	-476.89	-4,118.03	1,521.81	1,242.19	279.62	5.442		
13,900.00	7,117.04	7,158.04	7,158.04	108.16	251.88	80.17	-476.89	-4,118.03	1,620.02	1,340.99	279.03	5.806		
14,000.00	7,113.87	7,154.87	7,154.87	109.80	251.76	79.57	-476.89	-4,118.03	1,718.43	1,439.90	278.53	6.170		
14,100.00	7,110.69	7,151.69	7,151.69	111.45	251.65	78.97	-476.89	-4,118.03	1,817.00	1,538.91	278.09	6.534		
14,200.00	7,107.52	7,148.52	7,148.52	113.10	251.54	78.37	-476.89	-4,118.03	1,915.72	1,638.01	277.71	6.898		
14,300.00	7,104.35	7,145.35	7,145.35	114.74	251.43	77.77	-476.89	-4,118.03	2,014.56	1,737.18	277.38	7.263		
14,400.00	7,101.17	7,142.17	7,142.17	116.39	251.31	77.18	-476.89	-4,118.03	2,113.51	1,836.42	277.09	7.627		
14,500.00	7,098.00	7,139.00	7,139.00	118.04	251.20	76.59	-476.89	-4,118.03	2,212.54	1,935.71	276.84	7.992		
14,600.00	7,094.83	7,135.83	7,135.83	119.69	251.09	76.00	-476.89	-4,118.03	2,311.66	2,035.05	276.61	8.357		
14,700.00	7,091.66	7,132.66	7,132.66	121.34	250.98	75.41	-476.89	-4,118.03	2,410.84	2,134.43	276.41	8.722		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,800.00	4,718.14	15,550.60	7,154.93	13.49	252.79	98.75	-1,215.16	651.70	2,471.38	2,350.77	120.61	20.491		
4,900.00	4,816.17	15,569.21	7,155.33	13.80	253.34	97.57	-1,215.21	670.31	2,375.18	2,252.81	122.37	19.410		
5,000.00	4,914.21	15,587.82	7,155.72	14.12	253.89	96.34	-1,215.26	688.91	2,279.16	2,154.89	124.27	18.341		
5,100.00	5,012.25	15,606.43	7,156.12	14.43	254.44	95.08	-1,215.31	707.52	2,183.33	2,057.01	126.32	17.284		
5,200.00	5,110.29	15,625.04	7,156.52	14.75	254.98	93.76	-1,215.36	726.12	2,087.73	1,959.18	128.55	16.241		
5,300.00	5,208.32	15,643.65	7,156.91	15.07	255.53	92.40	-1,215.41	744.73	1,992.39	1,861.41	130.97	15.212		
5,400.00	5,306.36	15,662.26	7,157.31	15.40	256.08	90.98	-1,215.46	763.33	1,897.34	1,763.71	133.63	14.198		
5,500.00	5,404.40	15,680.87	7,157.71	15.72	256.63	89.52	-1,215.51	781.94	1,802.64	1,666.08	136.56	13.200		
5,600.00	5,502.44	15,700.53	7,158.10	16.05	257.21	88.01	-1,215.56	800.54	1,708.34	1,568.53	139.81	12.219		
5,700.00	5,600.47	15,718.08	7,158.50	16.38	257.73	86.44	-1,215.61	819.15	1,614.51	1,471.11	143.40	11.259		
5,800.00	5,698.51	15,736.69	7,158.89	16.71	258.27	84.83	-1,215.66	837.75	1,521.24	1,373.81	147.42	10.319		
5,900.00	5,796.55	15,755.30	7,159.29	17.04	258.82	83.16	-1,215.71	856.36	1,428.64	1,276.68	151.95	9.402		
6,000.00	5,894.59	15,773.91	7,159.69	17.38	259.37	81.44	-1,215.76	874.96	1,336.84	1,179.76	157.08	8.511		
6,100.00	5,992.62	15,807.48	7,160.08	17.71	260.36	79.68	-1,215.81	893.56	1,246.03	1,082.86	163.17	7.637		
6,200.00	6,090.66	15,811.13	7,160.48	18.05	260.47	77.86	-1,215.86	912.17	1,156.44	986.83	169.60	6.818		
6,300.00	6,188.70	15,829.74	7,160.88	18.39	261.02	76.00	-1,215.91	930.77	1,068.37	891.06	177.30	6.026		
6,400.00	6,286.74	15,848.35	7,161.27	18.72	261.56	74.09	-1,215.96	949.38	982.23	796.03	186.20	5.275		
6,500.00	6,384.77	15,866.96	7,161.67	19.06	262.11	72.14	-1,216.01	967.98	898.58	702.09	196.50	4.573		
6,600.00	6,482.81	15,885.57	7,162.06	19.40	262.66	70.16	-1,216.06	986.59	818.19	609.80	208.39	3.926		
6,700.00	6,580.86	15,904.13	7,162.46	19.74	263.21	68.53	-1,216.11	1,005.15	742.11	520.13	221.98	3.343		
6,800.00	6,679.86	15,913.83	7,162.67	19.94	263.49	-0.40	-1,216.14	1,014.85	670.96	433.94	237.02	2.831		
6,900.00	6,778.81	15,907.86	7,162.54	20.07	263.32	-60.44	-1,216.12	1,008.88	607.53	355.00	252.53	2.406		
7,000.00	6,875.27	15,886.36	7,162.08	20.15	262.68	-78.69	-1,216.06	987.39	555.78	289.27	266.50	2.085		
7,100.00	6,966.86	15,849.87	7,161.30	20.17	261.61	-84.33	-1,215.96	950.90	518.75	242.50	276.24	1.878		
7,200.00	7,051.33	15,800.72	7,160.23	20.15	260.16	-84.29	-1,215.83	900.32	497.54	217.97	279.57	1.780		
7,300.00	7,126.59	15,735.84	7,158.88	20.10	258.25	-80.99	-1,215.66	836.89	490.62	214.46	276.16	1.777 ES, SF		
7,308.90	7,132.78	15,729.62	7,158.74	20.10	258.07	-80.59	-1,215.64	830.68	490.58	214.99	275.59	1.780		
7,400.00	7,190.80	15,661.10	7,157.28	20.04	256.05	-76.01	-1,215.46	762.18	494.15	226.02	268.13	1.843		
7,500.00	7,242.38	15,576.92	7,155.49	19.99	253.57	-70.74	-1,215.23	678.02	503.29	244.92	258.36	1.948		
7,600.00	7,280.05	15,485.36	7,153.54	19.97	250.87	-66.27	-1,214.98	586.48	513.41	264.13	249.28	2.060		
7,700.00	7,302.88	15,388.68	7,151.48	19.99	248.02	-63.29	-1,214.72	489.82	520.97	278.63	242.34	2.150		
7,800.00	7,310.32	15,289.26	7,149.37	20.09	245.10	-62.12	-1,214.45	390.42	523.75	285.50	238.24	2.198		
7,900.00	7,307.40	15,189.27	7,147.24	20.33	242.15	-62.16	-1,214.18	290.45	522.78	286.59	236.19	2.213		
8,000.00	7,304.23	15,089.28	7,145.11	20.77	239.21	-62.23	-1,213.91	190.48	521.72	287.43	234.29	2.227		
8,100.00	7,301.05	14,989.28	7,142.98	21.38	236.27	-62.30	-1,213.64	90.51	520.66	288.18	232.48	2.240		
8,200.00	7,297.88	14,889.29	7,140.85	22.15	233.32	-62.37	-1,213.37	-9.46	519.60	288.84	230.75	2.252		
8,300.00	7,294.71	14,789.30	7,138.72	23.03	230.38	-62.44	-1,213.10	-109.43	518.54	289.44	229.10	2.263		
8,400.00	7,291.54	14,689.31	7,136.59	24.00	227.44	-62.51	-1,212.83	-209.40	517.48	289.97	227.51	2.275		
8,500.00	7,288.36	14,589.31	7,134.46	25.05	224.50	-62.57	-1,212.56	-309.37	516.42	290.45	225.98	2.285		
8,600.00	7,285.19	14,489.32	7,132.34	26.17	221.56	-62.64	-1,212.30	-409.33	515.37	290.87	224.50	2.296		
8,700.00	7,282.02	14,389.33	7,130.21	27.34	218.62	-62.71	-1,212.03	-509.30	514.31	291.25	223.06	2.306		
8,800.00	7,278.85	14,289.34	7,128.08	28.57	215.68	-62.78	-1,211.76	-609.27	513.25	291.59	221.67	2.315		
8,900.00	7,275.67	14,189.34	7,125.95	29.84	212.74	-62.86	-1,211.49	-709.24	512.20	291.89	220.31	2.325		
9,000.00	7,272.50	14,089.35	7,123.82	31.14	209.80	-62.93	-1,211.22	-809.21	511.15	292.16	218.98	2.334		
9,100.00	7,269.33	13,989.36	7,121.69	32.48	206.87	-63.00	-1,210.95	-909.18	510.09	292.41	217.68	2.343		
9,200.00	7,266.15	13,889.37	7,119.56	33.85	203.93	-63.07	-1,210.68	-1,009.15	509.04	292.63	216.41	2.352		
9,300.00	7,262.98	13,789.37	7,117.43	35.24	201.00	-63.14	-1,210.41	-1,109.12	507.99	292.84	215.15	2.361		
9,400.00	7,259.81	13,689.38	7,115.30	36.66	198.06	-63.21	-1,210.14	-1,209.09	506.94	293.02	213.92	2.370		
9,500.00	7,256.64	13,589.39	7,113.17	38.10	195.13	-63.29	-1,209.87	-1,309.06	505.89	293.18	212.71	2.378		
9,600.00	7,253.46	13,489.40	7,111.04	39.55	192.20	-63.36	-1,209.60	-1,409.03	504.84	293.34	211.51	2.387		
9,700.00	7,250.29	13,389.40	7,108.92	41.02	189.26	-63.43	-1,209.33	-1,509.00	503.79	293.47	210.32	2.395		
9,800.00	7,247.12	13,289.41	7,106.79	42.51	186.33	-63.50	-1,209.06	-1,608.97	502.75	293.60	209.15	2.404		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,900.00	7,243.95	13,189.42	7,104.66	44.01	183.40	-63.58	-1,208.79	-1,708.94	501.70	293.72	207.98	2.412		
10,000.00	7,240.77	13,089.43	7,102.53	45.52	180.47	-63.65	-1,208.52	-1,808.91	500.65	293.82	206.83	2.421		
10,100.00	7,237.60	12,989.43	7,100.40	47.04	177.55	-63.73	-1,208.25	-1,908.88	499.61	293.92	205.69	2.429		
10,200.00	7,234.43	12,889.44	7,098.27	48.57	174.62	-63.80	-1,207.98	-2,008.85	498.57	294.01	204.55	2.437		
10,300.00	7,231.25	12,789.45	7,096.14	50.11	171.70	-63.88	-1,207.71	-2,108.81	497.52	294.09	203.43	2.446		
10,400.00	7,228.08	12,689.46	7,094.01	51.66	168.77	-63.95	-1,207.44	-2,208.78	496.48	294.17	202.31	2.454		
10,500.00	7,224.91	12,589.46	7,091.88	53.21	165.85	-64.03	-1,207.17	-2,308.75	495.44	294.24	201.20	2.462		
10,600.00	7,221.74	12,489.47	7,089.75	54.78	162.93	-64.10	-1,206.90	-2,408.72	494.40	294.31	200.09	2.471		
10,700.00	7,218.56	12,389.48	7,087.63	56.34	160.01	-64.18	-1,206.63	-2,508.69	493.36	294.37	198.99	2.479		
10,800.00	7,215.39	12,289.49	7,085.50	57.92	157.09	-64.25	-1,206.36	-2,608.66	492.32	294.43	197.89	2.488		
10,900.00	7,212.22	12,189.49	7,083.37	59.50	154.18	-64.33	-1,206.09	-2,708.63	491.28	294.48	196.80	2.496		
11,000.00	7,209.05	12,089.50	7,081.24	61.08	151.26	-64.41	-1,205.82	-2,808.60	490.24	294.53	195.72	2.505		
11,100.00	7,205.87	11,989.51	7,079.11	62.67	148.35	-64.49	-1,205.55	-2,908.57	489.21	294.57	194.63	2.513		
11,200.00	7,202.70	11,889.52	7,076.98	64.26	145.44	-64.56	-1,205.28	-3,008.54	488.17	294.62	193.56	2.522		
11,300.00	7,199.53	11,789.52	7,074.85	65.86	142.53	-64.64	-1,205.01	-3,108.51	487.14	294.66	192.48	2.531		
11,400.00	7,196.36	11,689.53	7,072.72	67.46	139.63	-64.72	-1,204.75	-3,208.48	486.11	294.69	191.41	2.540		
11,500.00	7,193.18	11,589.54	7,070.59	69.06	136.73	-64.80	-1,204.48	-3,308.45	485.07	294.72	190.35	2.548		
11,600.00	7,190.01	11,489.55	7,068.46	70.67	133.83	-64.88	-1,204.21	-3,408.42	484.04	294.75	189.29	2.557		
11,700.00	7,186.84	11,389.55	7,066.33	72.28	130.93	-64.96	-1,203.94	-3,508.39	483.01	294.78	188.23	2.566		
11,800.00	7,183.66	11,289.56	7,064.21	73.89	128.03	-65.04	-1,203.67	-3,608.36	481.98	294.81	187.18	2.575		
11,900.00	7,180.49	11,189.57	7,062.08	75.50	125.14	-65.12	-1,203.40	-3,708.33	480.95	294.83	186.13	2.584		
12,000.00	7,177.32	11,089.58	7,059.95	77.12	122.26	-65.20	-1,203.13	-3,808.29	479.92	294.85	185.08	2.593		
12,100.00	7,174.15	10,989.58	7,057.82	78.74	119.37	-65.28	-1,202.86	-3,908.26	478.90	294.86	184.04	2.602		
12,200.00	7,170.97	10,889.59	7,055.69	80.36	116.49	-65.36	-1,202.59	-4,008.23	477.87	294.87	183.00	2.611		
12,300.00	7,167.80	10,789.60	7,053.56	81.99	113.62	-65.44	-1,202.32	-4,108.20	476.85	294.88	181.96	2.621		
12,400.00	7,164.63	10,689.61	7,051.43	83.61	110.75	-65.52	-1,202.05	-4,208.17	475.82	294.89	180.93	2.630		
12,500.00	7,161.46	10,589.62	7,049.30	85.24	107.88	-65.60	-1,201.78	-4,308.14	474.80	294.89	179.91	2.639		
12,600.00	7,158.28	10,489.62	7,047.17	86.87	105.02	-65.69	-1,201.51	-4,408.11	473.78	294.89	178.89	2.648		
12,700.00	7,155.11	10,389.63	7,045.04	88.50	102.17	-65.77	-1,201.24	-4,508.08	472.76	294.88	177.87	2.658		
12,800.00	7,151.94	10,289.64	7,042.92	90.13	99.32	-65.85	-1,200.97	-4,608.05	471.74	294.87	176.87	2.667		
12,900.00	7,148.76	10,189.65	7,040.79	91.76	96.48	-65.94	-1,200.70	-4,708.02	470.72	294.86	175.86	2.677		
13,000.00	7,145.59	10,089.65	7,038.66	93.40	93.65	-66.02	-1,200.43	-4,807.99	469.70	294.83	174.87	2.686		
13,100.00	7,142.42	9,989.66	7,036.53	95.03	90.82	-66.11	-1,200.16	-4,907.96	468.68	294.81	173.88	2.695		
13,200.00	7,139.25	9,889.67	7,034.40	96.67	88.01	-66.19	-1,199.89	-5,007.93	467.67	294.77	172.90	2.705		
13,300.00	7,136.07	9,789.68	7,032.27	98.31	85.20	-66.27	-1,199.62	-5,107.90	466.65	294.73	171.92	2.714		
13,400.00	7,132.90	9,689.68	7,030.14	99.95	82.41	-66.36	-1,199.35	-5,207.87	465.64	294.68	170.96	2.724		
13,500.00	7,129.73	9,589.69	7,028.01	101.59	79.63	-66.45	-1,199.08	-5,307.84	464.63	294.62	170.01	2.733		
13,600.00	7,126.56	9,489.70	7,025.88	103.23	76.86	-66.53	-1,198.81	-5,407.81	463.61	294.54	169.07	2.742		
13,700.00	7,123.38	9,389.71	7,023.75	104.87	74.11	-66.62	-1,198.54	-5,507.77	462.60	294.46	168.14	2.751		
13,800.00	7,120.21	9,289.71	7,021.62	106.51	71.38	-66.71	-1,198.27	-5,607.74	461.59	294.36	167.23	2.760		
13,900.00	7,117.04	9,189.72	7,019.50	108.16	68.66	-66.79	-1,198.00	-5,707.71	460.58	294.25	166.34	2.769		
14,000.00	7,113.87	9,089.73	7,017.37	109.80	65.97	-66.88	-1,197.73	-5,807.68	459.58	294.12	165.46	2.778		
14,100.00	7,110.69	8,989.74	7,015.24	111.45	63.31	-66.97	-1,197.46	-5,907.65	458.57	293.96	164.61	2.786		
14,200.00	7,107.52	8,889.74	7,013.11	113.10	60.67	-67.06	-1,197.19	-6,007.62	457.56	293.79	163.78	2.794		
14,300.00	7,104.35	8,789.75	7,010.98	114.74	58.07	-67.15	-1,196.93	-6,107.59	456.56	293.59	162.97	2.801		
14,400.00	7,101.17	8,689.76	7,008.85	116.39	55.51	-67.24	-1,196.66	-6,207.56	455.56	293.35	162.21	2.809		
14,500.00	7,098.00	8,589.77	7,006.72	118.04	52.99	-67.32	-1,196.39	-6,307.53	454.56	293.08	161.47	2.815		
14,600.00	7,094.83	8,489.77	7,004.59	119.69	50.53	-67.42	-1,196.12	-6,407.50	453.55	292.77	160.78	2.821		
14,700.00	7,091.66	8,389.78	7,002.46	121.34	48.12	-67.51	-1,195.85	-6,507.47	452.55	292.41	160.14	2.826		
14,800.00	7,088.48	8,289.79	7,000.33	122.99	45.79	-67.60	-1,195.58	-6,607.44	451.56	291.99	159.56	2.830		
14,900.00	7,085.31	8,189.80	6,998.21	124.64	43.55	-67.69	-1,195.31	-6,707.41	450.56	291.51	159.05	2.833		
15,000.00	7,082.14	8,089.80	6,996.08	126.29	41.41	-67.78	-1,195.04	-6,807.38	449.56	290.94	158.62	2.834		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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	Warning	
15,100.00	7,078.97	7,989.81	6,993.95	127.94	39.40	-67.87	-1,194.77	-6,907.35	448.57	290.28	158.28	2.834		
15,200.00	7,075.79	7,889.82	6,991.82	129.60	37.53	-67.96	-1,194.50	-7,007.32	447.57	289.52	158.06	2.832		
15,300.00	7,072.62	7,789.83	6,989.69	131.25	35.83	-68.06	-1,194.23	-7,107.29	446.58	288.62	157.96	2.827		
15,400.00	7,069.45	7,689.83	6,987.56	132.90	34.34	-68.15	-1,193.96	-7,207.25	445.59	287.57	158.02	2.820		
15,489.38	7,066.61	7,604.87	6,985.65	134.38	33.23	-68.22	-1,193.75	-7,292.20	444.78	286.55	158.23	2.811 CC		
15,500.00	7,066.27	7,600.00	6,985.44	134.55	33.17	-68.21	-1,193.76	-7,297.06	444.83	286.55	158.28	2.810		
15,578.05	7,063.80	7,540.70	6,979.95	135.85	32.50	-67.80	-1,194.40	-7,356.09	447.21	289.17	158.04	2.830		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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		
4,900.00	4,816.17	5,384.51	5,014.13	13.80	41.13	4.11	-1,965.11	2,690.70	2,480.79	2,428.36	52.43	47.315		
5,000.00	4,914.21	5,442.00	5,066.53	14.12	41.65	3.57	-1,944.25	2,701.84	2,454.25	2,400.91	53.33	46.018		
5,100.00	5,012.25	5,548.86	5,163.93	14.43	42.64	2.53	-1,905.54	2,722.67	2,428.55	2,373.86	54.69	44.402		
5,200.00	5,110.29	5,622.62	5,231.12	14.75	43.33	1.81	-1,878.67	2,736.91	2,403.19	2,347.43	55.76	43.099		
5,300.00	5,208.32	5,746.29	5,343.77	15.07	44.48	0.56	-1,833.16	2,760.00	2,377.72	2,320.44	57.28	41.512		
5,400.00	5,306.36	5,801.39	5,394.11	15.40	44.97	0.01	-1,813.24	2,770.23	2,353.24	2,295.08	58.16	40.462		
5,500.00	5,404.40	5,856.73	5,444.73	15.72	45.48	-0.55	-1,793.70	2,781.13	2,330.69	2,271.65	59.03	39.481		
5,600.00	5,502.44	5,915.00	5,497.80	16.05	46.01	-1.16	-1,773.15	2,793.63	2,310.12	2,250.19	59.93	38.550		
5,700.00	5,600.47	5,966.04	5,544.06	16.38	46.51	-1.72	-1,755.12	2,805.50	2,291.60	2,230.84	60.76	37.718		
5,800.00	5,698.51	6,310.09	5,852.94	16.71	49.92	-5.69	-1,622.47	2,875.95	2,272.56	2,208.04	64.52	35.225		
5,900.00	5,796.55	6,385.04	5,922.21	17.04	50.53	-6.47	-1,595.37	2,885.17	2,246.91	2,181.41	65.50	34.304		
6,000.00	5,894.59	6,444.50	5,976.71	17.38	51.09	-7.12	-1,573.09	2,893.37	2,222.61	2,156.17	66.43	33.457		
6,100.00	5,992.62	6,507.10	6,033.38	17.71	51.67	-7.87	-1,548.50	2,903.50	2,200.21	2,132.83	67.38	32.653		
6,200.00	6,090.66	6,580.12	6,099.55	18.05	52.37	-8.74	-1,520.17	2,915.85	2,179.46	2,111.04	68.41	31.857		
6,300.00	6,188.70	6,738.45	6,242.88	18.39	53.87	-10.69	-1,457.90	2,941.18	2,158.92	2,088.73	70.19	30.760		
6,400.00	6,286.74	6,871.46	6,363.54	18.72	55.10	-12.35	-1,404.58	2,958.24	2,136.19	2,064.52	71.67	29.806		
6,500.00	6,384.77	6,909.68	6,398.53	19.06	55.43	-12.81	-1,390.03	2,963.14	2,114.86	2,042.49	72.37	29.225		
6,600.00	6,482.81	6,959.23	6,444.13	19.40	55.85	-13.40	-1,371.93	2,970.09	2,096.08	2,022.97	73.11	28.671		
6,700.00	6,580.86	7,027.38	6,507.43	19.74	56.41	-16.13	-1,348.73	2,980.04	2,079.42	2,005.48	73.94	28.125		
6,785.39	6,665.34	7,070.75	6,548.07	19.91	56.75	-60.89	-1,335.02	2,986.53	2,072.99	1,998.58	74.41	27.860 CC, ES		
6,800.00	6,679.86	7,076.90	6,553.83	19.94	56.80	-72.67	-1,333.13	2,987.51	2,073.18	1,998.71	74.47	27.838 SF		
6,900.00	6,778.81	7,118.12	6,592.52	20.07	57.12	-126.18	-1,320.77	2,994.54	2,084.67	2,009.84	74.83	27.858		
7,000.00	6,875.27	7,140.00	6,613.07	20.15	57.29	-140.81	-1,314.44	2,998.60	2,113.74	2,038.83	74.91	28.218		
7,100.00	6,966.86	7,140.00	6,613.07	20.17	57.29	-145.08	-1,314.44	2,998.60	2,160.23	2,085.56	74.67	28.929		
7,200.00	7,051.33	7,140.00	6,613.07	20.15	57.29	-145.35	-1,314.44	2,998.60	2,222.19	2,147.81	74.38	29.875		
7,300.00	7,126.59	7,140.00	6,613.07	20.10	57.29	-142.61	-1,314.44	2,998.60	2,296.92	2,222.82	74.10	30.999		
7,400.00	7,190.80	7,140.00	6,613.07	20.04	57.29	-136.05	-1,314.44	2,998.60	2,381.46	2,307.59	73.87	32.239		
7,500.00	7,242.38	7,140.00	6,613.07	19.99	57.29	-122.84	-1,314.44	2,998.60	2,472.84	2,399.11	73.73	33.538		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,600.00	5,502.44	5,975.17	5,629.49	16.05	44.89	3.54	-2,027.37	2,826.63	2,484.94	2,426.30	58.64	42.375		
5,700.00	5,600.47	6,065.09	5,712.51	16.38	45.73	2.75	-1,997.09	2,843.27	2,459.99	2,400.16	59.83	41.117		
5,800.00	5,698.51	6,155.02	5,795.53	16.71	46.56	1.93	-1,966.80	2,859.91	2,435.56	2,374.55	61.02	39.916		
5,900.00	5,796.55	6,244.95	5,878.55	17.04	47.40	1.11	-1,936.51	2,876.55	2,411.69	2,349.48	62.20	38.770		
6,000.00	5,894.59	6,334.87	5,961.57	17.38	48.23	0.27	-1,906.22	2,893.20	2,388.37	2,324.98	63.39	37.678		
6,100.00	5,992.62	6,424.80	6,044.59	17.71	49.07	-0.59	-1,875.93	2,909.84	2,365.64	2,301.07	64.57	36.636		
6,200.00	6,090.66	6,514.72	6,127.61	18.05	49.90	-1.45	-1,845.65	2,926.48	2,343.50	2,277.75	65.75	35.642		
6,300.00	6,188.70	6,604.65	6,210.63	18.39	50.74	-2.34	-1,815.36	2,943.12	2,321.97	2,255.05	66.93	34.695		
6,400.00	6,286.74	6,705.42	6,293.65	18.72	51.67	-3.23	-1,785.07	2,959.76	2,301.08	2,232.88	68.19	33.743		
6,500.00	6,384.77	6,784.50	6,376.67	19.06	52.41	-4.14	-1,754.78	2,976.40	2,280.83	2,211.58	69.26	32.933		
6,600.00	6,482.81	6,874.43	6,459.69	19.40	53.24	-5.06	-1,724.50	2,993.04	2,261.25	2,190.84	70.41	32.116		
6,700.00	6,580.86	6,964.35	6,542.71	19.74	54.08	-7.97	-1,694.21	3,009.68	2,242.38	2,170.83	71.55	31.339		
6,800.00	6,679.86	7,053.46	6,624.98	19.94	54.91	-65.19	-1,664.20	3,026.17	2,232.13	2,159.54	72.58	30.752		
6,818.76	6,698.50	7,069.91	6,640.17	19.97	55.06	-80.09	-1,658.66	3,029.21	2,231.86	2,159.10	72.76	30.673 CC, ES		
6,900.00	6,778.81	7,100.00	6,667.90	20.07	55.33	-118.90	-1,648.54	3,035.01	2,237.45	2,164.30	73.14	30.590 SF		
7,000.00	6,875.27	7,100.00	6,667.90	20.15	55.33	-133.17	-1,648.54	3,035.01	2,260.33	2,187.19	73.14	30.905		
7,100.00	6,966.86	7,100.00	6,667.90	20.17	55.33	-137.23	-1,648.54	3,035.01	2,300.37	2,227.37	73.01	31.508		
7,200.00	7,051.33	7,139.99	6,704.30	20.15	55.73	-138.10	-1,635.27	3,044.89	2,354.09	2,280.81	73.28	32.125		
7,300.00	7,126.59	7,149.24	6,712.62	20.10	55.82	-135.55	-1,632.24	3,047.56	2,421.59	2,348.40	73.19	33.087		
7,400.00	7,190.80	7,155.50	6,718.23	20.04	55.88	-129.76	-1,630.19	3,049.44	2,499.58	2,426.49	73.10	34.196		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1949-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	7,151.94	6,706.00	6,584.30	90.13	19.51	-5.97	-838.94	-6,941.99	2,419.19	2,382.22	36.96	65.454		
12,900.00	7,148.76	6,706.00	6,584.30	91.76	19.51	-5.97	-838.94	-6,941.99	2,322.15	2,284.94	37.21	62.406		
13,000.00	7,145.59	6,706.00	6,584.30	93.40	19.51	-5.97	-838.94	-6,941.99	2,225.37	2,187.87	37.50	59.339		
13,100.00	7,142.42	6,742.10	6,618.95	95.03	19.53	-6.86	-843.72	-6,950.88	2,127.50	2,089.84	37.66	56.493		
13,200.00	7,139.25	6,747.72	6,624.30	96.67	19.54	-7.01	-844.45	-6,952.45	2,030.88	1,992.90	37.98	53.471		
13,300.00	7,136.07	6,753.76	6,630.03	98.31	19.54	-7.17	-845.24	-6,954.19	1,934.52	1,896.18	38.35	50.446		
13,400.00	7,132.90	6,760.29	6,636.20	99.95	19.55	-7.34	-846.09	-6,956.15	1,838.47	1,799.70	38.77	47.421		
13,500.00	7,129.73	6,767.35	6,642.85	101.59	19.55	-7.54	-847.00	-6,958.33	1,742.75	1,703.49	39.25	44.399		
13,600.00	7,126.56	6,800.00	6,673.26	103.23	19.57	-8.50	-851.14	-6,969.47	1,648.11	1,608.60	39.51	41.709		
13,700.00	7,123.38	6,800.00	6,673.26	104.87	19.57	-8.50	-851.14	-6,969.47	1,552.82	1,512.60	40.21	38.614		
13,800.00	7,120.21	6,800.00	6,673.26	106.51	19.57	-8.50	-851.14	-6,969.47	1,458.15	1,417.09	41.06	35.512		
13,900.00	7,117.04	6,800.00	6,673.26	108.16	19.57	-8.50	-851.14	-6,969.47	1,364.25	1,322.16	42.09	32.414		
14,000.00	7,113.87	6,800.00	6,673.26	109.80	19.57	-8.50	-851.14	-6,969.47	1,271.27	1,227.94	43.34	29.334		
14,100.00	7,110.69	6,834.83	6,705.15	111.45	19.58	-9.61	-855.32	-6,982.82	1,178.33	1,134.40	43.93	26.821		
14,200.00	7,107.52	6,852.70	6,721.34	113.10	19.58	-10.23	-857.31	-6,990.11	1,086.42	1,041.31	45.11	24.085		
14,300.00	7,104.35	6,872.28	6,738.93	114.74	19.58	-10.93	-859.38	-6,998.45	995.33	948.87	46.46	21.422		
14,400.00	7,101.17	6,894.00	6,758.27	116.39	19.59	-11.76	-861.53	-7,008.12	905.20	857.17	48.03	18.847		
14,500.00	7,098.00	6,894.00	6,758.27	118.04	19.59	-11.76	-861.53	-7,008.12	816.80	765.86	50.94	16.035		
14,600.00	7,094.83	6,935.50	6,794.41	119.69	19.59	-13.56	-865.75	-7,028.06	728.98	676.48	52.50	13.886		
14,700.00	7,091.66	6,960.32	6,815.42	121.34	19.59	-14.83	-868.52	-7,040.99	643.61	588.13	55.48	11.602		
14,800.00	7,088.48	6,989.00	6,839.08	122.99	19.59	-16.49	-871.92	-7,056.82	560.67	501.53	59.15	9.479		
14,900.00	7,085.31	7,019.93	6,863.81	124.64	19.59	-18.60	-876.07	-7,074.92	480.88	416.91	63.97	7.517		
15,000.00	7,082.14	7,055.56	6,891.20	126.29	19.60	-21.54	-881.71	-7,097.00	405.30	334.90	70.40	5.757		
15,100.00	7,078.97	7,097.94	6,922.17	127.94	19.61	-25.84	-889.46	-7,124.86	335.52	256.31	79.22	4.236		
15,200.00	7,075.79	7,149.91	6,958.18	129.60	19.64	-32.19	-899.02	-7,161.08	273.19	181.81	91.38	2.990		
15,300.00	7,072.62	7,208.26	6,995.87	131.25	19.69	-40.71	-909.17	-7,204.43	221.31	113.20	108.11	2.047		
15,400.00	7,069.45	7,275.50	7,034.63	132.90	19.81	-51.73	-919.02	-7,258.45	184.05	56.20	127.84	1.440	Level 3	
15,500.00	7,066.27	7,350.61	7,069.74	134.55	20.11	-63.92	-928.02	-7,324.14	164.78	19.86	144.91	1.137	Level 2	
15,578.05	7,063.80	7,420.64	7,094.12	135.85	20.67	-73.46	-934.54	-7,389.43	160.12	6.71	153.42	1.044	Level 2, CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1951-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	7,151.94	6,613.00	6,517.99	90.13	18.30	5.87	-714.39	-6,994.37	2,487.49	2,450.93	36.56	68.040		
12,900.00	7,148.76	6,644.03	6,547.89	91.76	18.31	6.21	-713.88	-7,002.65	2,390.25	2,353.51	36.75	65.049		
13,000.00	7,145.59	6,651.39	6,554.94	93.40	18.31	6.29	-713.87	-7,004.76	2,293.64	2,256.60	37.04	61.925		
13,100.00	7,142.42	6,659.22	6,562.42	95.03	18.31	6.37	-713.91	-7,007.07	2,197.23	2,159.87	37.36	58.807		
13,200.00	7,139.25	6,667.56	6,570.36	96.67	18.31	6.44	-714.00	-7,009.60	2,101.06	2,063.34	37.72	55.697		
13,300.00	7,136.07	6,676.44	6,578.81	98.31	18.32	6.53	-714.16	-7,012.37	2,005.14	1,967.02	38.12	52.600		
13,400.00	7,132.90	6,706.00	6,606.67	99.95	18.33	6.76	-715.14	-7,022.17	1,909.83	1,871.46	38.37	49.778		
13,500.00	7,129.73	6,706.00	6,606.67	101.59	18.33	6.76	-715.14	-7,022.17	1,814.26	1,775.33	38.94	46.594		
13,600.00	7,126.56	6,706.00	6,606.67	103.23	18.33	6.76	-715.14	-7,022.17	1,719.21	1,679.60	39.61	43.406		
13,700.00	7,123.38	6,706.00	6,606.67	104.87	18.33	6.76	-715.14	-7,022.17	1,624.74	1,584.34	40.40	40.220		
13,800.00	7,120.21	6,733.26	6,632.07	106.51	18.34	6.93	-716.68	-7,031.94	1,530.39	1,489.56	40.83	37.481		
13,900.00	7,117.04	6,747.84	6,645.53	108.16	18.34	7.00	-717.76	-7,037.43	1,436.63	1,395.08	41.55	34.577		
14,000.00	7,113.87	6,763.56	6,659.95	109.80	18.35	7.05	-719.13	-7,043.56	1,343.38	1,301.03	42.34	31.727		
14,100.00	7,110.69	6,800.00	6,692.91	111.45	18.37	7.07	-723.10	-7,058.58	1,251.01	1,208.32	42.69	29.307		
14,200.00	7,107.52	6,800.00	6,692.91	113.10	18.37	7.07	-723.10	-7,058.58	1,158.62	1,114.47	44.15	26.243		
14,300.00	7,104.35	6,800.00	6,692.91	114.74	18.37	7.07	-723.10	-7,058.58	1,067.60	1,021.66	45.94	23.238		
14,400.00	7,101.17	6,831.98	6,721.19	116.39	18.38	7.01	-727.24	-7,072.91	977.07	930.28	46.79	20.880		
14,500.00	7,098.00	6,851.18	6,737.81	118.04	18.39	6.94	-729.87	-7,082.16	887.98	839.60	48.37	18.357		
14,600.00	7,094.83	6,872.66	6,756.07	119.69	18.40	6.83	-732.94	-7,093.05	800.28	750.11	50.17	15.953		
14,700.00	7,091.66	6,894.00	6,773.83	121.34	18.41	6.68	-736.12	-7,104.43	714.25	661.87	52.38	13.636		
14,800.00	7,088.48	6,919.29	6,794.27	122.99	18.43	6.46	-740.02	-7,118.79	630.39	575.54	54.85	11.492		
14,900.00	7,085.31	6,945.87	6,814.91	124.64	18.44	6.16	-744.21	-7,135.01	549.42	491.54	57.89	9.491		
15,000.00	7,082.14	6,989.00	6,846.36	126.29	18.47	5.52	-751.20	-7,163.66	472.37	412.24	60.14	7.855		
15,100.00	7,078.97	7,011.73	6,861.84	127.94	18.50	5.11	-754.84	-7,179.91	399.33	333.87	65.47	6.100		
15,200.00	7,075.79	7,052.28	6,887.30	129.60	18.56	4.34	-760.82	-7,210.87	332.79	262.62	70.17	4.743		
15,300.00	7,072.62	7,102.47	6,914.90	131.25	18.66	3.33	-767.22	-7,252.27	274.06	199.08	74.97	3.655		
15,400.00	7,069.45	7,164.04	6,943.91	132.90	18.88	2.22	-773.07	-7,306.24	223.59	144.14	79.46	2.814		
15,500.00	7,066.27	7,234.53	6,970.87	134.55	19.35	1.32	-777.13	-7,371.20	182.16	98.46	83.70	2.176		
15,578.05	7,063.80	7,293.77	6,988.49	135.85	19.92	0.95	-778.75	-7,427.71	156.54	67.54	89.01	1.759	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1765-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	7,142.42	6,710.00	6,631.01	95.03	17.98	67.84	496.67	-6,978.14	2,495.02	2,423.61	71.40	34.942		
13,200.00	7,139.25	6,710.00	6,631.01	96.67	17.98	67.84	496.67	-6,978.14	2,412.28	2,338.46	73.83	32.674		
13,300.00	7,136.07	6,710.00	6,631.01	98.31	17.98	67.84	496.67	-6,978.14	2,330.90	2,254.50	76.40	30.508		
13,400.00	7,132.90	6,710.00	6,631.01	99.95	17.98	67.84	496.67	-6,978.14	2,251.03	2,171.89	79.14	28.444		
13,500.00	7,129.73	6,710.00	6,631.01	101.59	17.98	67.84	496.67	-6,978.14	2,172.81	2,090.78	82.04	26.486		
13,600.00	7,126.56	6,710.00	6,631.01	103.23	17.98	67.84	496.67	-6,978.14	2,096.45	2,011.35	85.11	24.633		
13,700.00	7,123.38	6,710.00	6,631.01	104.87	17.98	67.84	496.67	-6,978.14	2,022.16	1,933.81	88.35	22.888		
13,800.00	7,120.21	6,710.00	6,631.01	106.51	17.98	67.84	496.67	-6,978.14	1,950.16	1,858.39	91.77	21.251		
13,900.00	7,117.04	6,742.14	6,662.01	108.16	18.01	69.13	502.00	-6,984.75	1,879.83	1,784.17	95.66	19.652		
14,000.00	7,113.87	6,748.24	6,667.85	109.80	18.02	69.38	503.08	-6,986.13	1,812.88	1,713.40	99.48	18.223		
14,100.00	7,110.69	6,754.78	6,674.10	111.45	18.03	69.64	504.26	-6,987.65	1,749.01	1,645.55	103.46	16.905		
14,200.00	7,107.52	6,761.78	6,680.78	113.10	18.03	69.93	505.55	-6,989.33	1,688.57	1,580.99	107.58	15.696		
14,300.00	7,104.35	6,769.32	6,687.94	114.74	18.04	70.23	506.96	-6,991.20	1,631.93	1,520.13	111.80	14.597		
14,400.00	7,101.17	6,777.45	6,695.64	116.39	18.05	70.56	508.53	-6,993.28	1,579.49	1,463.41	116.08	13.607		
14,500.00	7,098.00	6,804.00	6,720.61	118.04	18.08	71.63	513.88	-7,000.56	1,531.92	1,411.35	120.57	12.705		
14,600.00	7,094.83	6,804.00	6,720.61	119.69	18.08	71.63	513.88	-7,000.56	1,488.92	1,364.25	124.68	11.942		
14,700.00	7,091.66	6,808.44	6,724.75	121.34	18.09	71.81	514.80	-7,001.85	1,451.54	1,322.88	128.66	11.282		
14,800.00	7,088.48	6,836.35	6,750.59	122.99	18.10	72.93	520.21	-7,010.90	1,419.89	1,287.19	132.70	10.700		
14,900.00	7,085.31	6,878.66	6,788.86	124.64	18.13	74.59	527.20	-7,027.49	1,393.90	1,257.32	136.58	10.206		
15,000.00	7,082.14	6,998.03	6,889.81	126.29	18.14	78.94	537.85	-7,089.83	1,372.27	1,231.70	140.56	9.763		
15,100.00	7,078.97	7,045.58	6,926.72	127.94	18.15	80.55	539.24	-7,119.76	1,354.15	1,210.50	143.65	9.427		
15,200.00	7,075.79	7,083.00	6,954.20	129.60	18.17	81.75	540.02	-7,145.14	1,340.94	1,194.63	146.31	9.165		
15,300.00	7,072.62	7,137.28	6,991.27	131.25	18.25	83.39	541.40	-7,184.75	1,332.65	1,183.88	148.77	8.958		
15,400.00	7,069.45	7,177.00	7,016.06	132.90	18.32	84.51	542.95	-7,215.72	1,329.49	1,178.76	150.73	8.821		
15,417.95	7,068.88	7,193.69	7,025.86	133.20	18.39	84.95	543.74	-7,229.21	1,329.38	1,178.19	151.19	8.793 CC		
15,500.00	7,066.27	7,237.47	7,049.70	134.55	18.57	86.03	546.22	-7,265.83	1,330.81	1,178.07	152.75	8.713 ES		
15,578.05	7,063.80	7,285.51	7,072.61	135.85	18.83	87.08	549.58	-7,307.91	1,334.65	1,180.45	154.20	8.655 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 2049-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,300.00	7,136.07	6,570.13	6,463.87	98.31	18.86	64.77	680.19	-6,950.73	2,460.18	2,378.56	81.62	30.142		
13,400.00	7,132.90	6,575.18	6,468.67	99.95	18.86	64.94	681.09	-6,951.99	2,385.57	2,301.17	84.40	28.264		
13,500.00	7,129.73	6,580.38	6,473.60	101.59	18.87	65.12	682.06	-6,953.30	2,312.83	2,225.51	87.32	26.487		
13,600.00	7,126.56	6,618.00	6,508.97	103.23	18.91	66.40	690.13	-6,963.26	2,243.10	2,152.46	90.64	24.747		
13,700.00	7,123.38	6,618.00	6,508.97	104.87	18.91	66.40	690.13	-6,963.26	2,174.36	2,080.57	93.79	23.183		
13,800.00	7,120.21	6,618.00	6,508.97	106.51	18.91	66.40	690.13	-6,963.26	2,108.13	2,011.06	97.06	21.719		
13,900.00	7,117.04	6,618.00	6,508.97	108.16	18.91	66.40	690.13	-6,963.26	2,044.64	1,944.19	100.45	20.356		
14,000.00	7,113.87	6,618.00	6,508.97	109.80	18.91	66.40	690.13	-6,963.26	1,984.16	1,880.24	103.92	19.093		
14,100.00	7,110.69	6,618.00	6,508.97	111.45	18.91	66.40	690.13	-6,963.26	1,926.98	1,819.51	107.47	17.931		
14,200.00	7,107.52	6,618.00	6,508.97	113.10	18.91	66.40	690.13	-6,963.26	1,873.39	1,762.33	111.06	16.868		
14,300.00	7,104.35	6,618.00	6,508.97	114.74	18.91	66.40	690.13	-6,963.26	1,823.72	1,709.06	114.66	15.905		
14,400.00	7,101.17	6,618.00	6,508.97	116.39	18.91	66.40	690.13	-6,963.26	1,778.28	1,660.06	118.23	15.041		
14,500.00	7,098.00	6,618.00	6,508.97	118.04	18.91	66.40	690.13	-6,963.26	1,737.42	1,615.71	121.71	14.275		
14,600.00	7,094.83	6,650.45	6,538.86	119.69	18.95	67.51	698.39	-6,972.81	1,700.41	1,574.83	125.59	13.539		
14,700.00	7,091.66	6,659.07	6,546.68	121.34	18.96	67.80	700.75	-6,975.55	1,669.07	1,540.14	128.93	12.946		
14,800.00	7,088.48	6,668.32	6,555.02	122.99	18.97	68.12	703.35	-6,978.58	1,643.07	1,511.02	132.05	12.443		
14,900.00	7,085.31	6,678.25	6,563.92	124.64	18.98	68.45	706.23	-6,981.95	1,622.64	1,487.75	134.89	12.029		
15,000.00	7,082.14	6,713.00	6,594.44	126.29	19.02	69.63	717.00	-6,994.57	1,608.51	1,470.64	137.86	11.667		
15,100.00	7,078.97	6,713.00	6,594.44	127.94	19.02	69.63	717.00	-6,994.57	1,599.36	1,459.55	139.80	11.440		
15,200.00	7,075.79	7,118.25	6,874.47	129.60	19.39	80.15	759.46	-7,264.87	1,584.22	1,437.77	146.45	10.817		
15,300.00	7,072.62	7,150.83	6,888.12	131.25	19.56	80.67	757.63	-7,294.39	1,570.13	1,421.05	149.08	10.532		
15,400.00	7,069.45	7,180.00	6,898.94	132.90	19.73	81.09	756.67	-7,321.45	1,560.41	1,408.97	151.44	10.304		
15,500.00	7,066.27	7,243.94	6,918.40	134.55	20.34	81.87	755.71	-7,382.33	1,554.14	1,399.99	154.15	10.082		
15,578.05	7,063.80	7,292.34	6,929.32	135.85	20.90	82.32	755.54	-7,429.47	1,551.26	1,395.04	156.22	9.930	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1860-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,500.00	7,129.73	6,613.00	6,490.47	101.59	19.95	68.36	885.60	-6,969.62	2,452.05	2,359.25	92.80	26.424		
13,600.00	7,126.56	6,613.00	6,490.47	103.23	19.95	68.36	885.60	-6,969.62	2,384.88	2,289.12	95.76	24.905		
13,700.00	7,123.38	6,613.00	6,490.47	104.87	19.95	68.36	885.60	-6,969.62	2,320.08	2,221.26	98.82	23.478		
13,800.00	7,120.21	6,650.82	6,526.78	106.51	20.01	69.53	891.93	-6,978.09	2,256.60	2,154.30	102.30	22.059		
13,900.00	7,117.04	6,655.97	6,531.69	108.16	20.02	69.69	892.94	-6,979.29	2,196.77	2,091.18	105.59	20.805		
14,000.00	7,113.87	6,661.23	6,536.68	109.80	20.02	69.85	894.00	-6,980.52	2,139.89	2,030.94	108.94	19.642		
14,100.00	7,110.69	6,666.59	6,541.77	111.45	20.03	70.02	895.12	-6,981.79	2,086.20	1,973.85	112.35	18.569		
14,200.00	7,107.52	6,672.06	6,546.95	113.10	20.04	70.19	896.30	-6,983.09	2,035.96	1,920.19	115.77	17.586		
14,300.00	7,104.35	6,708.00	6,580.67	114.74	20.09	71.32	905.02	-6,991.94	1,990.29	1,870.73	119.55	16.648		
14,400.00	7,101.17	6,708.00	6,580.67	116.39	20.09	71.32	905.02	-6,991.94	1,947.43	1,824.55	122.88	15.848		
14,500.00	7,098.00	6,708.00	6,580.67	118.04	20.09	71.32	905.02	-6,991.94	1,908.85	1,782.73	126.12	15.135		
14,600.00	7,094.83	6,708.00	6,580.67	119.69	20.09	71.32	905.02	-6,991.94	1,874.82	1,745.59	129.23	14.508		
14,700.00	7,091.66	6,708.00	6,580.67	121.34	20.09	71.32	905.02	-6,991.94	1,845.58	1,713.42	132.16	13.964		
14,800.00	7,088.48	6,708.00	6,580.67	122.99	20.09	71.32	905.02	-6,991.94	1,821.37	1,686.50	134.88	13.504		
14,900.00	7,085.31	6,708.00	6,580.67	124.64	20.09	71.32	905.02	-6,991.94	1,802.40	1,665.07	137.32	13.125		
15,000.00	7,082.14	6,708.00	6,580.67	126.29	20.09	71.32	905.02	-6,991.94	1,788.82	1,649.35	139.46	12.827		
15,100.00	7,078.97	6,734.96	6,605.55	127.94	20.14	72.16	912.38	-6,999.28	1,780.27	1,638.52	141.75	12.559		
15,200.00	7,075.79	6,746.58	6,616.13	129.60	20.16	72.52	915.68	-7,002.75	1,777.35	1,633.92	143.43	12.392		
15,203.60	7,075.68	6,747.03	6,616.54	129.65	20.16	72.54	915.81	-7,002.89	1,777.35	1,633.87	143.48	12.387	CC, ES	
15,300.00	7,072.62	6,759.76	6,628.04	131.25	20.18	72.93	919.51	-7,006.92	1,779.87	1,635.09	144.78	12.294		
15,400.00	7,069.45	6,774.84	6,641.51	132.90	20.20	73.39	924.00	-7,011.99	1,787.74	1,641.94	145.80	12.261		
15,500.00	7,066.27	6,803.00	6,666.23	134.55	20.25	74.24	932.70	-7,022.29	1,800.92	1,654.17	146.75	12.272		
15,578.05	7,063.80	7,316.59	6,976.35	135.85	20.99	84.89	1,019.67	-7,400.46	1,808.03	1,651.31	156.72	11.537	SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,900.00	7,148.76	6,716.00	6,660.73	91.76	16.87	56.16	-48.88	-6,981.58	2,448.06	2,397.63	50.43	48.543		
13,000.00	7,145.59	6,716.00	6,660.73	93.40	16.87	56.16	-48.88	-6,981.58	2,355.01	2,303.15	51.86	45.412		
13,100.00	7,142.42	6,716.00	6,660.73	95.03	16.87	56.16	-48.88	-6,981.58	2,262.56	2,209.14	53.42	42.356		
13,200.00	7,139.25	6,716.00	6,660.73	96.67	16.87	56.16	-48.88	-6,981.58	2,170.77	2,115.65	55.12	39.383		
13,300.00	7,136.07	6,716.00	6,660.73	98.31	16.87	56.16	-48.88	-6,981.58	2,079.74	2,022.76	56.98	36.499		
13,400.00	7,132.90	6,716.00	6,660.73	99.95	16.87	56.16	-48.88	-6,981.58	1,989.58	1,930.56	59.02	33.711		
13,500.00	7,129.73	6,716.00	6,660.73	101.59	16.87	56.16	-48.88	-6,981.58	1,900.40	1,839.14	61.26	31.024		
13,600.00	7,126.56	6,716.00	6,660.73	103.23	16.87	56.16	-48.88	-6,981.58	1,812.35	1,748.64	63.71	28.447		
13,700.00	7,123.38	6,752.04	6,695.42	104.87	16.88	58.20	-46.14	-6,990.97	1,724.34	1,657.86	66.48	25.937		
13,800.00	7,120.21	6,760.00	6,703.01	106.51	16.89	58.65	-45.52	-6,993.29	1,638.47	1,569.00	69.47	23.587		
13,900.00	7,117.04	6,768.69	6,711.26	108.16	16.89	59.15	-44.83	-6,995.92	1,554.15	1,481.39	72.75	21.362		
14,000.00	7,113.87	6,778.21	6,720.26	109.80	16.89	59.70	-44.07	-6,998.91	1,471.61	1,395.24	76.38	19.268		
14,100.00	7,110.69	6,811.00	6,750.93	111.45	16.90	61.63	-41.37	-7,010.19	1,391.67	1,311.28	80.39	17.312		
14,200.00	7,107.52	6,811.00	6,750.93	113.10	16.90	61.63	-41.37	-7,010.19	1,313.27	1,228.51	84.76	15.494		
14,300.00	7,104.35	6,811.00	6,750.93	114.74	16.90	61.63	-41.37	-7,010.19	1,237.99	1,148.45	89.55	13.825		
14,400.00	7,101.17	6,831.20	6,769.54	116.39	16.91	62.82	-39.85	-7,017.91	1,166.10	1,071.32	94.78	12.304		
14,500.00	7,098.00	6,852.20	6,788.60	118.04	16.91	64.06	-38.62	-7,026.62	1,097.97	997.56	100.41	10.935		
14,600.00	7,094.83	6,877.30	6,810.99	119.69	16.92	65.52	-37.63	-7,037.91	1,034.14	927.74	106.39	9.720		
14,700.00	7,091.66	6,910.39	6,839.77	121.34	16.92	67.44	-37.14	-7,054.24	975.13	862.51	112.62	8.659		
14,800.00	7,088.48	6,989.14	6,905.06	122.99	16.98	71.86	-41.65	-7,097.90	920.18	801.79	118.39	7.773		
14,900.00	7,085.31	7,044.66	6,948.10	124.64	17.06	74.86	-49.21	-7,132.13	868.76	744.47	124.28	6.990		
15,000.00	7,082.14	7,090.00	6,981.26	126.29	17.14	77.25	-56.80	-7,162.09	822.23	691.92	130.30	6.310		
15,100.00	7,078.97	7,137.54	7,013.73	127.94	17.30	79.68	-65.08	-7,195.80	781.81	645.71	136.10	5.744		
15,200.00	7,075.79	7,184.00	7,042.78	129.60	17.45	81.96	-72.55	-7,231.26	748.67	607.18	141.48	5.292		
15,300.00	7,072.62	7,225.25	7,066.03	131.25	17.71	83.85	-78.28	-7,264.83	723.19	576.81	146.38	4.941		
15,400.00	7,069.45	7,277.00	7,091.27	132.90	18.03	85.97	-83.74	-7,309.65	705.74	555.48	150.25	4.697		
15,500.00	7,066.27	7,331.21	7,112.94	134.55	18.57	87.87	-87.52	-7,359.18	695.58	542.14	153.44	4.533		
15,578.05	7,063.80	7,384.58	7,129.52	135.85	19.15	89.37	-89.50	-7,409.84	692.00	536.44	155.55	4.449	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,900.00	7,148.76	6,616.00	6,552.73	91.76	16.72	40.97	-259.26	-6,997.82	2,437.87	2,393.78	44.09	55.292		
13,000.00	7,145.59	6,616.00	6,552.73	93.40	16.72	40.97	-259.26	-6,997.82	2,343.54	2,298.42	45.12	51.937		
13,100.00	7,142.42	6,616.00	6,552.73	95.03	16.72	40.97	-259.26	-6,997.82	2,249.71	2,203.45	46.26	48.633		
13,200.00	7,139.25	6,616.00	6,552.73	96.67	16.72	40.97	-259.26	-6,997.82	2,156.42	2,108.91	47.51	45.388		
13,300.00	7,136.07	6,616.00	6,552.73	98.31	16.72	40.97	-259.26	-6,997.82	2,063.77	2,014.88	48.89	42.209		
13,400.00	7,132.90	6,616.00	6,552.73	99.95	16.72	40.97	-259.26	-6,997.82	1,971.83	1,921.41	50.43	39.104		
13,500.00	7,129.73	6,644.34	6,579.27	101.59	16.72	42.20	-260.61	-7,007.67	1,880.19	1,828.28	51.91	36.218		
13,600.00	7,126.56	6,658.33	6,592.21	103.23	16.72	42.80	-261.69	-7,012.86	1,789.36	1,735.72	53.64	33.358		
13,700.00	7,123.38	6,673.66	6,606.28	104.87	16.73	43.46	-263.16	-7,018.79	1,699.27	1,643.74	55.53	30.603		
13,800.00	7,120.21	6,709.00	6,638.12	106.51	16.74	44.96	-267.77	-7,033.40	1,610.21	1,552.90	57.31	28.099		
13,900.00	7,117.04	6,709.00	6,638.12	108.16	16.74	44.96	-267.77	-7,033.40	1,521.57	1,461.75	59.81	25.439		
14,000.00	7,113.87	6,709.00	6,638.12	109.80	16.74	44.96	-267.77	-7,033.40	1,434.42	1,371.80	62.63	22.904		
14,100.00	7,110.69	6,709.00	6,638.12	111.45	16.74	44.96	-267.77	-7,033.40	1,349.07	1,283.28	65.79	20.506		
14,200.00	7,107.52	6,752.71	6,676.30	113.10	16.75	46.84	-274.48	-7,053.56	1,263.76	1,195.34	68.41	18.473		
14,300.00	7,104.35	6,770.23	6,691.22	114.74	16.76	47.62	-277.16	-7,062.36	1,181.05	1,109.11	71.94	16.416		
14,400.00	7,101.17	6,804.00	6,719.26	116.39	16.77	49.16	-282.29	-7,080.45	1,100.64	1,025.15	75.49	14.580		
14,500.00	7,098.00	6,804.00	6,719.26	118.04	16.77	49.16	-282.29	-7,080.45	1,022.21	941.75	80.45	12.706		
14,600.00	7,094.83	6,831.57	6,741.47	119.69	16.79	50.47	-286.23	-7,096.30	946.82	861.59	85.24	11.108		
14,700.00	7,091.66	6,855.08	6,759.89	121.34	16.81	51.63	-289.22	-7,110.60	874.99	784.23	90.77	9.640		
14,800.00	7,088.48	6,899.00	6,792.95	122.99	16.85	53.90	-293.90	-7,139.12	807.78	711.44	96.34	8.385		
14,900.00	7,085.31	6,899.00	6,792.95	124.64	16.85	53.90	-293.90	-7,139.12	744.81	640.92	103.90	7.169		
15,000.00	7,082.14	6,940.69	6,822.50	126.29	16.96	56.14	-297.12	-7,168.33	687.93	577.07	110.86	6.205		
15,100.00	7,078.97	6,992.00	6,856.15	127.94	17.09	58.98	-299.29	-7,206.98	638.73	520.69	118.04	5.411		
15,200.00	7,075.79	7,016.65	6,871.13	129.60	17.22	60.34	-299.81	-7,226.55	596.67	470.69	125.97	4.736		
15,300.00	7,072.62	7,066.23	6,898.58	131.25	17.50	62.96	-300.62	-7,267.81	563.34	430.26	133.07	4.233		
15,400.00	7,069.45	7,120.86	6,924.37	132.90	17.94	65.60	-301.10	-7,315.94	538.43	398.96	139.46	3.861		
15,500.00	7,066.27	7,177.00	6,945.37	134.55	18.46	67.88	-301.12	-7,367.97	521.78	376.99	144.79	3.604		
15,578.05	7,063.80	7,235.97	6,961.70	135.85	19.23	69.79	-300.69	-7,424.62	513.68	365.10	148.57	3.457	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1952-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	7,151.94	6,664.24	6,595.73	90.13	17.20	30.16	-456.32	-6,993.49	2,484.90	2,445.80	39.09	63.563		
12,900.00	7,148.76	6,669.11	6,600.39	91.76	17.20	30.33	-456.83	-6,994.82	2,388.42	2,348.77	39.65	60.232		
13,000.00	7,145.59	6,708.00	6,637.31	93.40	17.23	31.87	-459.80	-7,006.61	2,293.37	2,253.22	40.15	57.119		
13,100.00	7,142.42	6,708.00	6,637.31	95.03	17.23	31.87	-459.80	-7,006.61	2,197.08	2,156.25	40.83	53.804		
13,200.00	7,139.25	6,708.00	6,637.31	96.67	17.23	31.87	-459.80	-7,006.61	2,101.14	2,059.54	41.60	50.505		
13,300.00	7,136.07	6,708.00	6,637.31	98.31	17.23	31.87	-459.80	-7,006.61	2,005.59	1,963.12	42.47	47.228		
13,400.00	7,132.90	6,708.00	6,637.31	99.95	17.23	31.87	-459.80	-7,006.61	1,910.50	1,867.06	43.44	43.980		
13,500.00	7,129.73	6,708.00	6,637.31	101.59	17.23	31.87	-459.80	-7,006.61	1,815.93	1,771.39	44.54	40.769		
13,600.00	7,126.56	6,708.00	6,637.31	103.23	17.23	31.87	-459.80	-7,006.61	1,721.98	1,676.19	45.79	37.603		
13,700.00	7,123.38	6,708.00	6,637.31	104.87	17.23	31.87	-459.80	-7,006.61	1,628.75	1,581.53	47.22	34.494		
13,800.00	7,120.21	6,739.44	6,666.84	106.51	17.23	33.36	-460.70	-7,017.36	1,535.55	1,487.06	48.48	31.673		
13,900.00	7,117.04	6,752.35	6,678.89	108.16	17.23	34.04	-460.65	-7,021.98	1,443.31	1,393.15	50.15	28.779		
14,000.00	7,113.87	6,765.99	6,691.58	109.80	17.23	34.80	-460.34	-7,026.99	1,351.84	1,299.78	52.07	25.964		
14,100.00	7,110.69	6,803.00	6,725.68	111.45	17.24	37.12	-458.15	-7,041.20	1,261.78	1,207.71	54.06	23.339		
14,200.00	7,107.52	6,803.00	6,725.68	113.10	17.24	37.12	-458.15	-7,041.20	1,171.89	1,115.13	56.77	20.644		
14,300.00	7,104.35	6,803.00	6,725.68	114.74	17.24	37.12	-458.15	-7,041.20	1,083.79	1,023.86	59.93	18.084		
14,400.00	7,101.17	6,803.00	6,725.68	116.39	17.24	37.12	-458.15	-7,041.20	997.92	934.28	63.64	15.681		
14,500.00	7,098.00	6,839.38	6,758.43	118.04	17.24	39.66	-455.03	-7,056.70	913.09	845.56	67.53	13.521		
14,600.00	7,094.83	6,857.24	6,774.11	119.69	17.25	40.97	-453.51	-7,065.11	831.46	759.08	72.38	11.488		
14,700.00	7,091.66	6,898.00	6,808.81	121.34	17.25	44.10	-450.09	-7,086.20	753.73	675.98	77.75	9.694		
14,800.00	7,088.48	6,898.00	6,808.81	122.99	17.25	44.10	-450.09	-7,086.20	678.90	594.09	84.81	8.005		
14,900.00	7,085.31	6,928.83	6,833.80	124.64	17.29	46.51	-448.04	-7,104.14	609.82	517.38	92.43	6.597		
15,000.00	7,082.14	6,963.05	6,859.85	126.29	17.32	49.14	-447.00	-7,126.28	547.02	446.08	100.95	5.419		
15,100.00	7,078.97	7,010.25	6,892.58	127.94	17.40	52.58	-447.80	-7,160.24	491.36	381.57	109.79	4.475		
15,200.00	7,075.79	7,077.90	6,933.40	129.60	17.58	56.98	-454.49	-7,213.67	441.59	323.74	117.84	3.747		
15,300.00	7,072.62	7,176.02	6,983.34	131.25	18.02	62.51	-474.47	-7,295.65	394.02	270.73	123.29	3.196		
15,400.00	7,069.45	7,250.88	7,016.29	132.90	18.53	66.55	-494.31	-7,359.86	347.98	217.38	130.59	2.665		
15,500.00	7,066.27	7,317.40	7,040.02	134.55	19.15	69.82	-512.45	-7,419.23	307.37	168.41	138.96	2.212		
15,578.05	7,063.80	7,371.73	7,052.64	135.85	19.77	71.66	-526.39	-7,470.17	281.57	136.12	145.45	1.936	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1957-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
14,000.00	7,113.87	6,713.00	6,544.93	109.80	22.72	73.67	1,288.21	-6,981.80	2,458.21	2,341.64	116.57	21.087		
14,100.00	7,110.69	6,713.00	6,544.93	111.45	22.72	73.67	1,288.21	-6,981.80	2,411.66	2,292.17	119.49	20.183		
14,200.00	7,107.52	6,713.00	6,544.93	113.10	22.72	73.67	1,288.21	-6,981.80	2,368.43	2,246.04	122.38	19.353		
14,300.00	7,104.35	6,713.00	6,544.93	114.74	22.72	73.67	1,288.21	-6,981.80	2,328.68	2,203.46	125.23	18.596		
14,400.00	7,101.17	6,713.00	6,544.93	116.39	22.72	73.67	1,288.21	-6,981.80	2,292.62	2,164.62	128.00	17.911		
14,500.00	7,098.00	6,713.00	6,544.93	118.04	22.72	73.67	1,288.21	-6,981.80	2,260.40	2,129.72	130.68	17.297		
14,600.00	7,094.83	6,713.00	6,544.93	119.69	22.72	73.67	1,288.21	-6,981.80	2,232.20	2,098.97	133.24	16.754		
14,700.00	7,091.66	6,713.00	6,544.93	121.34	22.72	73.67	1,288.21	-6,981.80	2,208.18	2,072.54	135.65	16.279		
14,800.00	7,088.48	6,713.00	6,544.93	122.99	22.72	73.67	1,288.21	-6,981.80	2,188.47	2,050.58	137.88	15.872		
14,900.00	7,085.31	6,713.00	6,544.93	124.64	22.72	73.67	1,288.21	-6,981.80	2,173.18	2,033.25	139.93	15.531		
15,000.00	7,082.14	6,713.00	6,544.93	126.29	22.72	73.67	1,288.21	-6,981.80	2,162.41	2,020.66	141.75	15.255		
15,100.00	7,078.97	6,713.00	6,544.93	127.94	22.72	73.67	1,288.21	-6,981.80	2,156.24	2,012.89	143.35	15.042		
15,183.38	7,076.32	6,713.00	6,544.93	129.32	22.72	73.67	1,288.21	-6,981.80	2,154.62	2,010.14	144.49	14.912 CC		
15,200.00	7,075.79	6,713.00	6,544.93	129.60	22.72	73.67	1,288.21	-6,981.80	2,154.69	2,009.99	144.70	14.891 ES		
15,300.00	7,072.62	6,713.00	6,544.93	131.25	22.72	73.67	1,288.21	-6,981.80	2,157.78	2,011.99	145.79	14.801		
15,400.00	7,069.45	6,713.00	6,544.93	132.90	22.72	73.67	1,288.21	-6,981.80	2,165.49	2,018.86	146.63	14.768		
15,500.00	7,066.27	7,366.00	7,085.95	134.55	23.49	88.51	1,384.84	-7,249.13	2,167.15	2,012.40	154.75	14.004		
15,578.05	7,063.80	7,410.95	7,108.87	135.85	23.48	89.15	1,386.48	-7,287.75	2,170.06	2,013.94	156.11	13.901 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,700.00	7,123.38	6,712.00	6,563.84	104.87	21.63	72.81	1,118.11	-6,975.74	2,475.50	2,370.66	104.84	23.611		
13,800.00	7,120.21	6,744.83	6,595.01	106.51	21.64	73.70	1,119.78	-6,985.90	2,416.30	2,308.32	107.97	22.379		
13,900.00	7,117.04	6,752.84	6,602.55	108.16	21.64	73.91	1,120.27	-6,988.59	2,360.28	2,249.20	111.08	21.248		
14,000.00	7,113.87	6,761.41	6,610.57	109.80	21.64	74.14	1,120.82	-6,991.54	2,307.14	2,192.91	114.23	20.197		
14,100.00	7,110.69	6,770.59	6,619.12	111.45	21.65	74.39	1,121.45	-6,994.81	2,257.04	2,139.65	117.40	19.225		
14,200.00	7,107.52	6,806.00	6,651.71	113.10	21.66	75.34	1,124.24	-7,008.36	2,210.70	2,090.04	120.66	18.322		
14,300.00	7,104.35	6,806.00	6,651.71	114.74	21.66	75.34	1,124.24	-7,008.36	2,166.97	2,043.19	123.78	17.507		
14,400.00	7,101.17	6,806.00	6,651.71	116.39	21.66	75.34	1,124.24	-7,008.36	2,127.05	2,000.20	126.84	16.769		
14,500.00	7,098.00	6,806.00	6,651.71	118.04	21.66	75.34	1,124.24	-7,008.36	2,091.15	1,961.33	129.82	16.108		
14,600.00	7,094.83	6,806.00	6,651.71	119.69	21.66	75.34	1,124.24	-7,008.36	2,059.48	1,926.82	132.66	15.524		
14,700.00	7,091.66	6,806.00	6,651.71	121.34	21.66	75.34	1,124.24	-7,008.36	2,032.25	1,896.89	135.35	15.014		
14,800.00	7,088.48	6,843.54	6,685.49	122.99	21.68	76.34	1,128.24	-7,024.24	2,008.33	1,870.17	138.16	14.536		
14,900.00	7,085.31	6,855.01	6,695.64	124.64	21.68	76.64	1,129.76	-7,029.38	1,989.60	1,849.03	140.58	14.153		
15,000.00	7,082.14	6,867.14	6,706.27	126.29	21.69	76.96	1,131.51	-7,034.94	1,975.51	1,832.74	142.77	13.837		
15,100.00	7,078.97	6,899.00	6,733.70	127.94	21.71	77.79	1,136.83	-7,050.23	1,966.45	1,821.53	144.92	13.569		
15,200.00	7,075.79	6,899.00	6,733.70	129.60	21.71	77.79	1,136.83	-7,050.23	1,961.55	1,815.06	146.49	13.390		
15,246.36	7,074.32	6,899.00	6,733.70	130.36	21.71	77.79	1,136.83	-7,050.23	1,961.00	1,813.89	147.11	13.330	CC, ES	
15,300.00	7,072.62	6,899.00	6,733.70	131.25	21.71	77.79	1,136.83	-7,050.23	1,961.73	1,813.99	147.75	13.278		
15,400.00	7,069.45	6,928.48	6,758.34	132.90	21.72	78.54	1,142.55	-7,065.37	1,966.44	1,817.32	149.12	13.187		
15,500.00	7,066.27	6,949.25	6,775.20	134.55	21.74	79.06	1,146.95	-7,076.68	1,975.78	1,825.66	150.12	13.161	SF	
15,578.05	7,063.80	6,966.99	6,789.24	135.85	21.75	79.49	1,150.94	-7,086.75	1,986.14	1,835.45	150.69	13.181		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	7,145.59	6,580.41	6,520.94	93.40	16.77	54.79	112.31	-6,987.68	2,450.97	2,394.53	56.45	43.419		
13,100.00	7,142.42	6,586.14	6,526.41	95.03	16.77	55.04	112.52	-6,989.38	2,361.83	2,303.57	58.26	40.540		
13,200.00	7,139.25	6,621.00	6,559.32	96.67	16.78	56.54	113.93	-7,000.75	2,274.31	2,214.11	60.21	37.775		
13,300.00	7,136.07	6,621.00	6,559.32	98.31	16.78	56.54	113.93	-7,000.75	2,186.60	2,124.29	62.31	35.091		
13,400.00	7,132.90	6,621.00	6,559.32	99.95	16.78	56.54	113.93	-7,000.75	2,099.99	2,035.40	64.59	32.512		
13,500.00	7,129.73	6,621.00	6,559.32	101.59	16.78	56.54	113.93	-7,000.75	2,014.62	1,947.57	67.06	30.044		
13,600.00	7,126.56	6,621.00	6,559.32	103.23	16.78	56.54	113.93	-7,000.75	1,930.66	1,860.94	69.72	27.690		
13,700.00	7,123.38	6,621.00	6,559.32	104.87	16.78	56.54	113.93	-7,000.75	1,848.29	1,775.68	72.61	25.456		
13,800.00	7,120.21	6,621.00	6,559.32	106.51	16.78	56.54	113.93	-7,000.75	1,767.74	1,692.02	75.73	23.344		
13,900.00	7,117.04	6,652.16	6,588.18	108.16	16.79	57.90	115.23	-7,012.42	1,688.37	1,609.32	79.05	21.359		
14,000.00	7,113.87	6,664.37	6,599.33	109.80	16.79	58.44	115.71	-7,017.38	1,611.44	1,528.78	82.65	19.496		
14,100.00	7,110.69	6,677.83	6,611.50	111.45	16.79	59.03	116.21	-7,023.09	1,536.84	1,450.31	86.53	17.760		
14,200.00	7,107.52	6,714.00	6,643.59	113.10	16.80	60.62	117.45	-7,039.73	1,465.30	1,374.70	90.60	16.173		
14,300.00	7,104.35	6,714.00	6,643.59	114.74	16.80	60.62	117.45	-7,039.73	1,395.92	1,300.83	95.09	14.680		
14,400.00	7,101.17	6,714.00	6,643.59	116.39	16.80	60.62	117.45	-7,039.73	1,330.44	1,230.61	99.83	13.327		
14,500.00	7,098.00	6,745.46	6,670.66	118.04	16.81	62.00	118.45	-7,055.73	1,268.49	1,163.77	104.72	12.114		
14,600.00	7,094.83	6,766.75	6,688.47	119.69	16.82	62.93	119.10	-7,067.37	1,210.97	1,101.14	109.82	11.026		
14,700.00	7,091.66	6,809.00	6,722.49	121.34	16.85	64.75	120.36	-7,092.38	1,158.50	1,043.53	114.97	10.077		
14,800.00	7,088.48	6,809.00	6,722.49	122.99	16.85	64.75	120.36	-7,092.38	1,110.67	990.35	120.32	9.231		
14,900.00	7,085.31	6,843.82	6,749.05	124.64	16.91	66.22	121.51	-7,114.84	1,068.79	943.29	125.50	8.516		
15,000.00	7,082.14	6,874.20	6,771.02	126.29	16.96	67.46	122.75	-7,135.79	1,033.19	902.71	130.48	7.918		
15,100.00	7,078.97	6,904.00	6,791.40	127.94	17.01	68.64	124.16	-7,157.48	1,004.12	869.02	135.10	7.432		
15,200.00	7,075.79	6,949.91	6,820.52	129.60	17.20	70.38	126.69	-7,192.87	981.53	842.12	139.41	7.041		
15,300.00	7,072.62	6,996.00	6,846.93	131.25	17.39	71.99	129.59	-7,230.52	965.31	822.11	143.20	6.741		
15,400.00	7,069.45	7,054.77	6,876.03	132.90	17.83	73.83	133.36	-7,281.41	954.79	808.05	146.74	6.507		
15,500.00	7,066.27	7,125.41	6,904.04	134.55	18.49	75.64	137.43	-7,346.09	948.83	798.75	150.07	6.322		
15,578.05	7,063.80	7,187.39	6,924.51	135.85	19.20	77.00	140.74	-7,404.49	946.33	793.64	152.69	6.198	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1777-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,100.00	7,142.42	6,618.00	6,550.71	95.03	17.21	61.48	324.03	-6,985.92	2,439.20	2,373.88	65.32	37.341		
13,200.00	7,139.25	6,658.36	6,589.55	96.67	17.22	63.07	323.57	-6,996.86	2,352.41	2,284.86	67.55	34.826		
13,300.00	7,136.07	6,664.12	6,595.05	98.31	17.23	63.30	323.64	-6,998.58	2,267.94	2,198.00	69.94	32.428		
13,400.00	7,132.90	6,670.18	6,600.82	99.95	17.23	63.54	323.76	-7,000.42	2,184.71	2,112.21	72.50	30.135		
13,500.00	7,129.73	6,676.57	6,606.89	101.59	17.23	63.80	323.93	-7,002.41	2,102.85	2,027.62	75.24	27.949		
13,600.00	7,126.56	6,713.00	6,641.15	103.23	17.24	65.30	325.71	-7,014.66	2,023.46	1,945.28	78.19	25.880		
13,700.00	7,123.38	6,713.00	6,641.15	104.87	17.24	65.30	325.71	-7,014.66	1,944.49	1,863.17	81.32	23.912		
13,800.00	7,120.21	6,713.00	6,641.15	106.51	17.24	65.30	325.71	-7,014.66	1,867.53	1,782.87	84.66	22.058		
13,900.00	7,117.04	6,713.00	6,641.15	108.16	17.24	65.30	325.71	-7,014.66	1,792.85	1,704.63	88.22	20.322		
14,000.00	7,113.87	6,713.00	6,641.15	109.80	17.24	65.30	325.71	-7,014.66	1,720.74	1,628.74	91.99	18.705		
14,100.00	7,110.69	6,713.00	6,641.15	111.45	17.24	65.30	325.71	-7,014.66	1,651.54	1,555.56	95.98	17.208		
14,200.00	7,107.52	6,713.00	6,641.15	113.10	17.24	65.30	325.71	-7,014.66	1,585.63	1,485.47	100.15	15.832		
14,300.00	7,104.35	6,744.12	6,669.85	114.74	17.25	66.60	328.15	-7,026.43	1,522.38	1,417.77	104.61	14.553		
14,400.00	7,101.17	6,755.78	6,680.45	116.39	17.26	67.09	329.23	-7,031.17	1,463.45	1,354.28	109.17	13.405		
14,500.00	7,098.00	6,768.49	6,691.89	118.04	17.26	67.63	330.51	-7,036.55	1,408.82	1,294.98	113.84	12.376		
14,600.00	7,094.83	6,808.00	6,726.69	119.69	17.27	69.29	335.17	-7,054.64	1,359.67	1,241.00	118.67	11.457		
14,700.00	7,091.66	6,808.00	6,726.69	121.34	17.27	69.29	335.17	-7,054.64	1,314.49	1,191.20	123.29	10.661		
14,800.00	7,088.48	6,808.00	6,726.69	122.99	17.27	69.29	335.17	-7,054.64	1,275.57	1,147.86	127.71	9.988		
14,900.00	7,085.31	6,836.24	6,750.78	124.64	17.29	70.46	338.98	-7,068.88	1,242.79	1,110.68	132.11	9.408		
15,000.00	7,082.14	6,860.39	6,770.79	126.29	17.30	71.45	342.40	-7,081.96	1,216.48	1,080.38	136.10	8.938		
15,100.00	7,078.97	6,901.00	6,803.09	127.94	17.32	73.07	348.50	-7,105.79	1,196.95	1,057.12	139.83	8.560		
15,200.00	7,075.79	7,197.87	6,985.63	129.60	18.38	82.18	340.21	-7,334.24	1,177.42	1,034.05	143.37	8.213		
15,300.00	7,072.62	7,258.43	7,009.04	131.25	18.93	83.38	328.64	-7,388.86	1,151.52	1,004.67	146.85	7.842		
15,400.00	7,069.45	7,300.82	7,022.36	132.90	19.41	84.08	321.11	-7,428.38	1,129.53	979.17	150.36	7.512		
15,500.00	7,066.27	7,338.55	7,032.03	134.55	19.89	84.62	316.01	-7,464.48	1,112.95	959.34	153.61	7.245		
15,578.05	7,063.80	7,366.00	7,037.73	135.85	20.24	84.94	313.31	-7,491.20	1,103.83	947.90	155.93	7.079	CC, ES, SF	

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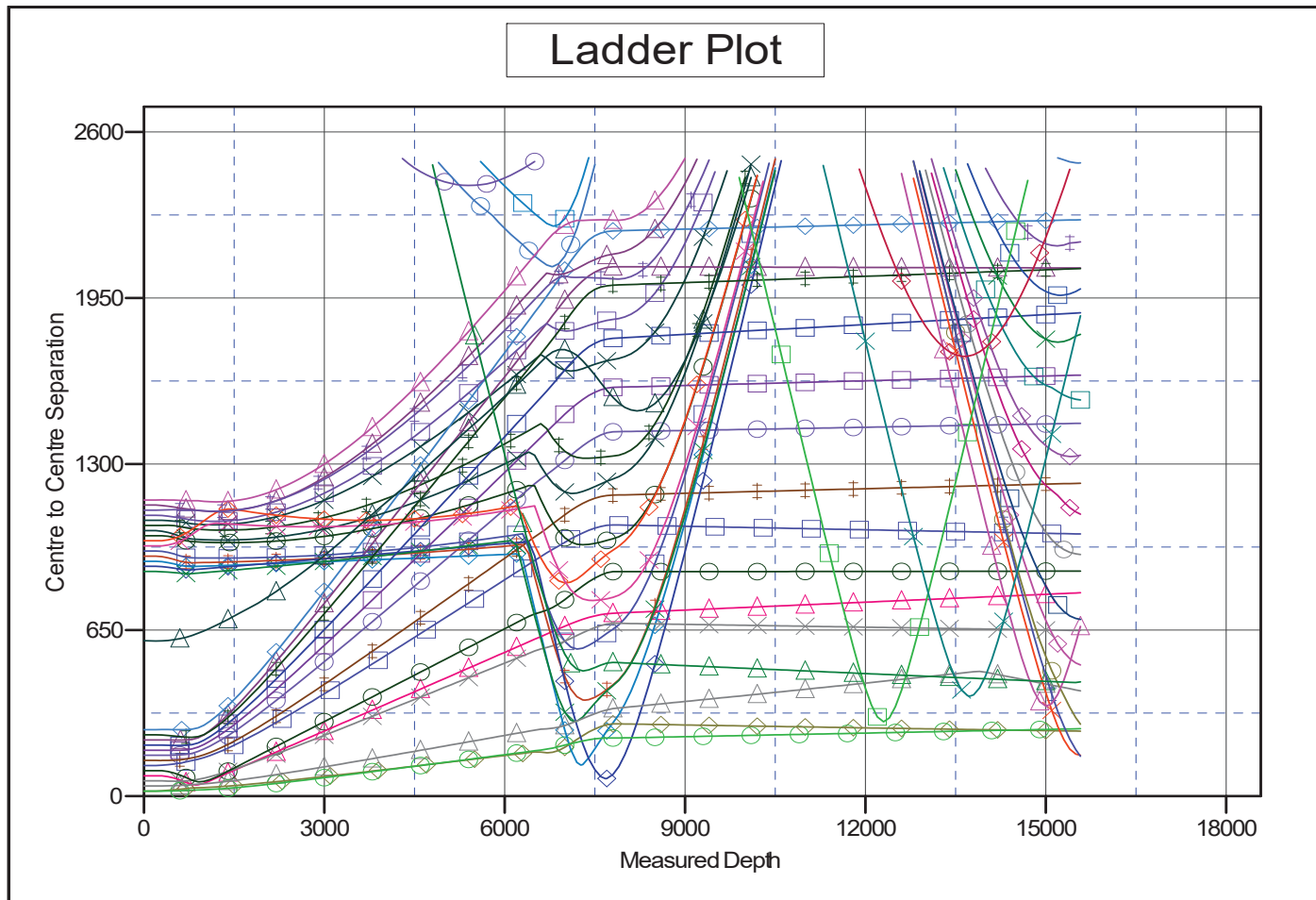
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4817.00usft (IKON 12) Coordinates are relative to: VOLT 34C-6-M

Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone

Central Meridian is -105.500000 Grid Convergence at Surface is: 0.45°



LEGEND

<ul style="list-style-type: none"> ● TCMOSERHLL 2-9-11 XOGR PRWell,Actual Total SurveysV0 ● TCMOSERHLL 3-9-11 Etadon PRWell (Plan Only),Planned Etadon SurveyV0 ● VOLT 35N8BL Wellbore#1, Design #1V0 ● VOLT 11N8CL Wellbore#1, Design #1V0 ● VOLT 3306-M Wellbore#1, Design #1V0 ● VOLT 1306-M Wellbore#1, Design #1V0 ● VOLT 14N8BL Wellbore#1, Design #1V0 ● VOLT 12N8AM Wellbore#1, Design #1V0 ● VOLT 12N8BM Wellbore#1, Design #1V0 ● VOLT 11G3-L Wellbore#1, Design #1V0 ● VOLT 13N8BM Wellbore#1, Design #1V0 ● VOLT 32N8BM Wellbore#1, Design #1V0 ● VOLT 25N8CL Wellbore#1, Design #1V0 ● VOLT 34N8BM Wellbore#1, Design #1V0 ● VOLT 14N8CL Wellbore#1, Design #1V0 ● VOLT 33N8CM Wellbore#1, Design #1V0 ● VOLT 23N8BL Wellbore#1, Design #1V0 	<ul style="list-style-type: none"> ● VOLT 32N8AM Wellbore#1, Design #1V0 ● VOLT 23N8CL Wellbore#1, Design #1V0 ● VOLT 33N8AM Wellbore#1, Design #1V0 ● VOLT 35G2-L Wellbore#1, Design #1V0 ● VOLT 35N8AL Wellbore#1, Design #1V0 ● VOLT 11N8BL Wellbore#1, Design #1V0 ● VOLT 13N8CM Wellbore#1, Design #1V0 ● VOLT 34N8CM Wellbore#1, Design #1V0 ● VOLT 23N8AL Wellbore#1, Design #1V0 ● VOLT 14G2-L Wellbore#1, Design #1V0 ● VOLT 25N8AL Wellbore#1, Design #1V0 ● VOLT 25G2-L Wellbore#1, Design #1V0 ● VOLT 32G2-M Wellbore#1, Design #1V0 ● VOLT 12N8CM Wellbore#1, Design #1V0 ● GREELEY-RD THE FEDERAL 32N2BL, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 32G2-L, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 12N2AL, SRC Energy PRWell, Actual BH SurveysV0 	<ul style="list-style-type: none"> ● GREELEY-RD THE FEDERAL 13N2CL, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 12G2-L, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 33N2BL, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 33N2CL, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 34C2-L, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 13N2BL, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 34N2BL, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 12N2CL, SRC Energy PRWell, Actual BH SurveysV0 ● GREELEY-RD THE FEDERAL 13G2-L, SRC Energy PRWell, Actual BH SurveysV0 ● BRANDONDI_PDC SWel,Actual MS Energy SurveysV0 ● WILKEN 15-6, PDC SWel, No SurveysV0 ● SOUTHS 24D, SRCP&A Well, VES Gyro SurveysV0 ● SOUTHS 23D, SRCP&A Well, Actual VES SurveysV0 ● BOSTFARM28N8BL Wellbore #1, Design #1V0 ● WIEDMAN5-5, Noble Energy PRWell, Actual Qrethd Surveys (Grid to True)V0 ● BOOMERANG34N6CM, SRCPRWell, Actual BH SurveysV0 ● PSCJ5-11, Noble Energy SWel, Actual VES Surveys (Grid to True)V0
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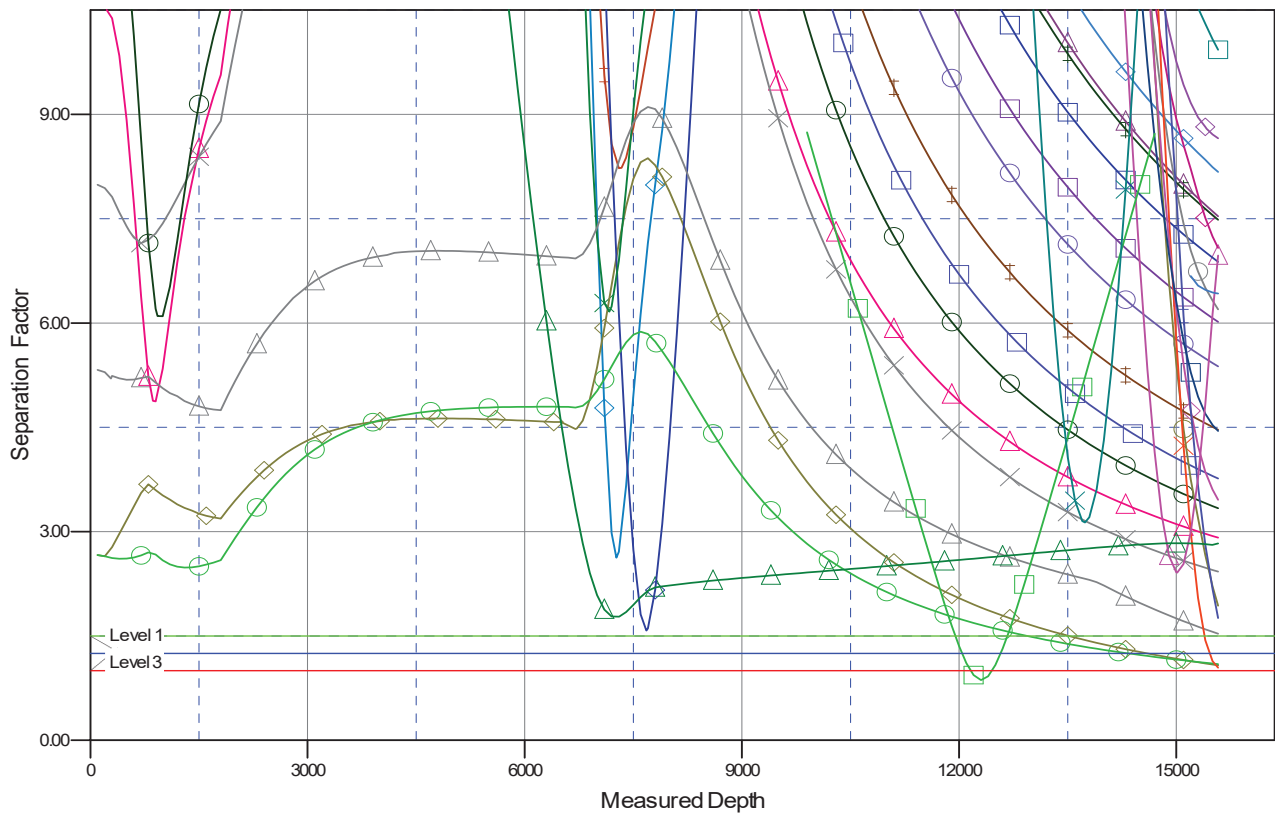
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Coordinates are relative to: VOLT 34C-6-M
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.45°

Separation Factor Plot



LEGEND

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| <ul style="list-style-type: none"> ● TCMOSERHLL 2-9-11 XOG PRWell,Actual Total Surveys V0 ● TCMOSERHLL 3-9-11 Extension PRWell (Plan Only), Planned Extension Survey V0 ● VOLT 36N8B-L, Wellbore#1, Design #1 V0 ● VOLT 1148G-L, Wellbore#1, Design #1 V0 ● VOLT 332Q-M, Wellbore#1, Design #1 V0 ● VOLT 130Q-M, Wellbore#1, Design #1 V0 ● VOLT 144NB-L, Wellbore#1, Design #1 V0 ● VOLT 12NB-M, Wellbore#1, Design #1 V0 ● VOLT 12NB-M, Wellbore#1, Design #1 V0 ● VOLT 12NB-M, Wellbore#1, Design #1 V0 ● VOLT 1102-L, Wellbore#1, Design #1 V0 ● VOLT 13NB-M, Wellbore#1, Design #1 V0 ● VOLT 32NB-M, Wellbore#1, Design #1 V0 ● VOLT 25NB-L, Wellbore#1, Design #1 V0 ● VOLT 34NB-M, Wellbore#1, Design #1 V0 ● VOLT 14NB-L, Wellbore#1, Design #1 V0 ● VOLT 33NB-M, Wellbore#1, Design #1 V0 ● VOLT 23NB-L, Wellbore#1, Design #1 V0 | <ul style="list-style-type: none"> ● VOLT 32NB-M, Wellbore#1, Design #1 V0 ● VOLT 23NB-L, Wellbore#1, Design #1 V0 ● VOLT 33NB-M, Wellbore#1, Design #1 V0 ● VOLT 35G-L, Wellbore#1, Design #1 V0 ● VOLT 38NB-L, Wellbore#1, Design #1 V0 ● VOLT 11NB-L, Wellbore#1, Design #1 V0 ● VOLT 13NB-M, Wellbore#1, Design #1 V0 ● VOLT 34NB-M, Wellbore#1, Design #1 V0 ● VOLT 23NB-L, Wellbore#1, Design #1 V0 ● VOLT 14G-L, Wellbore#1, Design #1 V0 ● VOLT 25G-L, Wellbore#1, Design #1 V0 ● VOLT 32G-M, Wellbore#1, Design #1 V0 ● VOLT 12NB-M, Wellbore#1, Design #1 V0 ● GREELEY-RO THE FEDERAL 32N2B-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 32G2-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 12N2A-L, SRC Energy PRWell, Actual BH Surveys V0 | <ul style="list-style-type: none"> ● GREELEY-RO THE FEDERAL 13N2G-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 12G2-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 33N2B-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 33N2G-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 34C2-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 13N2B-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 34N2B-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 12N2G-L, SRC Energy PRWell, Actual BH Surveys V0 ● GREELEY-RO THE FEDERAL 13G2-L, SRC Energy PRWell, Actual BH Surveys V0 ● BRANDONDR1_PCCS Well, Actual MS Energy Surveys V0 ● WILKEN15-6_PCCS Well, No Surveys V0 ● SOUTH6-24D, SRQP&A Well, VES Gyro Surveys V0 ● SOUTH6-23D, SRQP&A Well, Actual VES Surveys V0 ● BOSTFARM28N8B-L, Wellbore #1, Design #1 V0 ● WIEDEMAN5-5, Noble Energy PRWell, Actual Coretech Surveys (Gridb True) V0 ● BOOMERANG34N6C-M, SRQPR Well, Actual BH Surveys V0 ● PSCJ5-11, Noble Energy SW Well, Actual VES Surveys (Gridb True) V0 |
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