

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

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

VOLT 12N-6A-M

Wellbore #1

Design #1

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are 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	15,383.95	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	7,000.00	7,691.05	1,378.74	1,338.29	34.084	SF
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,434.30	7,307.69	1,313.86	1,276.79	35.445	CC, ES
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,342.39	15,570.00	1,062.19	679.32	2.774	CC, ES, SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	7,995.49	6,948.23	105.39	66.52	2.711	CC, ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	8,000.00	6,948.32	105.48	66.54	2.708	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,506.59	7,208.28	1,182.08	1,132.13	23.663	CC, ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,800.00	7,195.45	1,217.89	1,164.22	22.690	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,332.46	7,312.95	1,186.03	1,143.29	27.749	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,700.00	7,308.49	1,248.87	1,202.28	26.807	SF
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	7,723.03	7,140.02	81.33	38.64	1.905	CC, ES, SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,600.00	7,168.55	441.64	397.51	10.008	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,603.85	7,165.94	441.63	397.51	10.009	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,660.39	7,159.89	290.62	247.04	6.668	CC, ES, SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	821.15	818.91	16.95	8.26	1.950	CC
VOLT 12N-6B-M - Wellbore #1 - Design #1	15,383.95	15,562.16	217.56	-45.13	0.828	Level 1, ES, SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	852.17	846.79	33.33	24.53	3.789	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	15,383.95	15,676.07	477.05	209.95	1.786	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	200.00	200.00	80.19	72.61	10.587	CC
VOLT 13C-6-M - Wellbore #1 - Design #1	200.03	200.03	80.19	72.61	10.587	ES
VOLT 13C-6-M - Wellbore #1 - Design #1	15,368.17	15,637.79	691.50	428.00	2.624	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	200.00	200.00	99.95	92.38	13.197	CC
VOLT 13N-6B-M - Wellbore #1 - Design #1	200.01	200.01	99.95	92.38	13.197	ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	15,383.95	15,434.13	813.00	538.34	2.960	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	553.03	564.68	119.15	111.11	14.816	CC
VOLT 13N-6C-M - Wellbore #1 - Design #1	600.00	613.19	119.24	111.10	14.647	ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	15,383.95	15,442.66	1,046.80	774.98	3.851	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	7,793.48	7,090.76	615.77	573.95	14.724	CC, ES
VOLT 14C-3-L - Wellbore #1 - Design #1	7,800.00	7,087.55	615.80	573.97	14.721	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,100.00	7,719.43	809.38	764.80	18.154	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,677.50	7,110.89	782.25	740.91	18.923	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,100.00	7,807.04	1,030.17	985.69	23.162	SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,797.37	7,030.78	979.52	938.43	23.840	CC
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,800.00	7,029.25	979.52	938.43	23.838	ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,100.00	7,586.41	506.50	460.24	10.949	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,200.00	7,502.44	502.85	457.19	11.012	ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,273.43	7,425.99	502.42	457.46	11.173	CC
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,584.81	7,194.87	181.91	139.28	4.267	CC, ES, SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,670.22	7,160.46	410.55	368.46	9.753	CC, ES, SF
VOLT 25C-3-L - Wellbore #1 - Design #1	7,701.66	7,125.63	598.37	553.78	13.418	CC, ES, SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,300.00	7,372.14	704.04	657.53	15.137	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,500.00	7,195.61	694.89	649.54	15.326	ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,513.94	7,184.79	694.83	649.55	15.343	CC
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,674.76	7,112.94	827.36	781.87	18.187	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,700.00	7,103.57	827.69	782.17	18.186	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	967.84	958.01	58.10	48.89	6.305	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	15,383.95	15,782.68	688.89	428.89	2.650	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	855.09	846.29	53.52	44.70	6.072	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	15,383.95	15,527.82	611.06	331.88	2.189	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	900.00	884.90	92.80	83.82	10.335	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	15,383.95	15,698.49	820.02	542.83	2.958	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	756.40	759.56	17.98	9.47	2.114	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	15,376.46	15,668.29	341.23	126.76	1.591	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	200.00	200.00	60.14	52.56	7.940	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	15,383.95	15,314.83	596.35	319.89	2.157	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	754.74	760.34	28.26	19.74	3.318	CC, ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	15,383.95	15,533.10	442.33	175.37	1.657	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	354.07	359.16	160.08	152.35	20.729	CC
VOLT 34C-6-M - Wellbore #1 - Design #1	400.00	407.27	160.09	152.31	20.576	ES
VOLT 34C-6-M - Wellbore #1 - Design #1	15,383.95	15,578.05	1,460.01	1,188.12	5.370	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	628.47	645.96	134.05	125.83	16.309	CC, ES
VOLT 34N-6B-M - Wellbore #1 - Design #1	15,383.95	15,392.03	1,235.16	960.57	4.498	SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	200.00	200.00	180.14	172.56	23.784	CC
VOLT 34N-6C-M - Wellbore #1 - Design #1	300.00	302.57	180.16	172.50	23.516	ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	15,383.95	15,469.28	1,652.21	1,378.04	6.026	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	697.61	847.50	1,047.20	1,038.55	121.159	CC
VOLT 36C-3-L - Wellbore #1 - Design #1	700.00	849.84	1,047.20	1,038.55	121.046	ES
VOLT 36C-3-L - Wellbore #1 - Design #1	8,200.00	6,866.86	1,427.83	1,384.92	33.276	SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	691.98	838.66	1,032.38	1,023.74	119.549	CC
VOLT 36N-3A-L - Wellbore #1 - Design #1	700.00	846.47	1,032.39	1,023.73	119.160	ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	6,800.00	7,928.41	1,639.16	1,591.76	34.582	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	738.15	903.32	1,060.19	1,051.41	120.704	CC, ES
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,000.00	7,847.58	1,255.87	1,210.18	27.487	SF
5N-66W-06 Offsets Incomplete						
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	14,805.16	6,897.54	1,087.48	939.74	7.361	CC, ES
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	14,900.00	6,894.96	1,091.60	943.08	7.350	SF
SOUTH 6-21D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,360.15	6,844.17	1,704.52	1,583.59	14.095	CC
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,400.00	6,843.69	1,704.99	1,583.36	14.018	ES
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,600.00	6,841.23	1,721.31	1,597.04	13.850	SF
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,447.61	6,948.76	304.93	182.27	2.486	CC, ES, SF
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,532.38	7,068.60	982.76	858.39	7.902	CC, ES
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,600.00	7,067.73	985.08	859.67	7.855	SF
WILKEN 15-6 - PDC SI Well - No Surveys	12,098.28	6,906.66	1,121.83	793.87	3.421	CC
WILKEN 15-6 - PDC SI Well - No Surveys	12,100.00	6,906.62	1,121.83	793.85	3.420	ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,000.00	15,832.01	1,850.81	1,572.81	6.658	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,100.00	15,753.00	1,849.38	1,572.79	6.686	ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	15,261.02	7,620.79	1,849.22	1,679.80	10.915	CC
5N-67W-01 Offsets Incomplete						
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	14,987.29	6,771.99	1,240.13	1,088.61	8.184	CC
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,000.00	6,774.78	1,240.20	1,088.45	8.173	ES
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,100.00	6,801.01	1,244.95	1,091.85	8.132	SF
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,063.57	6,821.26	1,045.12	892.58	6.851	CC
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,100.00	6,840.26	1,045.59	892.32	6.822	ES
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,200.00	6,903.22	1,051.25	896.44	6.790	SF
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,024.69	6,715.24	1,466.83	1,314.97	9.659	CC, ES
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI	15,383.95	6,953.76	1,499.52	1,342.05	9.523	SF
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	14,953.02	6,795.67	1,515.70	1,367.03	10.195	CC
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,000.00	6,821.56	1,516.30	1,366.80	10.142	ES
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,100.00	6,900.56	1,521.14	1,369.93	10.060	SF
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,043.39	6,800.00	1,386.12	1,236.62	9.272	CC, ES
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,200.00	6,839.17	1,394.20	1,242.95	9.218	SF
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,061.99	6,979.27	114.64	-36.61	0.758	Level 1, CC, ES, SF
GREELEY-ROTHER FEDERAL 12N-2A-L - SRC Energy P	15,257.08	7,127.89	107.86	-46.38	0.699	Level 1, CC, ES, SF
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,061.04	6,910.77	333.53	185.80	2.258	CC
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,100.00	6,933.28	335.08	185.50	2.240	ES, SF
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,043.75	6,923.82	689.06	538.75	4.584	CC, ES
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,100.00	6,938.65	691.05	540.26	4.583	SF
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,054.67	6,783.09	945.82	797.69	6.385	CC
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,100.00	6,806.60	946.64	797.53	6.349	ES
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,383.95	7,188.19	957.52	800.08	6.082	SF
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,126.18	6,990.00	1,098.89	946.97	7.233	CC, ES
GREELEY-ROTHER FEDERAL 13N-2C-L - SRC Energy P	15,200.00	6,990.00	1,101.37	948.85	7.221	SF
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	14,968.68	6,787.25	708.42	562.10	4.842	CC, ES
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,000.00	6,786.14	709.11	562.48	4.836	SF
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,049.42	6,921.93	503.16	352.52	3.340	CC, ES
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,100.00	6,940.27	505.23	353.68	3.334	SF
GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy P	15,383.95	7,191.04	515.55	357.45	3.261	CC, ES, SF
GREELEY-ROTHER FEDERAL 33N-2C-L - SRC Energy P	15,163.07	7,010.12	292.51	139.71	1.914	CC, ES, SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Well Error:	3.28 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+HFR1													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
2,500.00	2,463.68	2,880.97	2,845.86	7.63	9.00	-63.25	2,644.74	314.71	2,489.51	2,474.41	15.09	164.924	
2,600.00	2,561.74	2,985.48	2,948.91	7.77	9.20	-63.70	2,627.33	314.65	2,463.90	2,448.52	15.38	160.155	
2,700.00	2,659.80	3,066.45	3,028.77	7.92	9.36	-64.05	2,613.96	314.96	2,438.54	2,422.87	15.67	155.592	
2,800.00	2,757.86	3,167.59	3,128.54	8.08	9.56	-64.49	2,597.40	315.46	2,413.43	2,397.44	16.00	150.847	
2,900.00	2,855.93	3,261.46	3,221.12	8.26	9.75	-64.90	2,581.94	316.23	2,388.36	2,372.02	16.34	146.167	
3,000.00	2,953.99	3,354.25	3,312.65	8.45	9.94	-65.32	2,566.73	316.76	2,363.48	2,346.79	16.70	141.566	
3,100.00	3,052.05	3,449.32	3,406.44	8.64	10.13	-65.78	2,551.13	316.24	2,338.79	2,321.72	17.07	137.020	
3,200.00	3,150.11	3,535.80	3,491.74	8.85	10.31	-66.25	2,537.04	314.29	2,314.44	2,296.99	17.46	132.594	
3,300.00	3,248.17	3,629.64	3,584.29	9.07	10.52	-66.79	2,521.87	311.23	2,290.46	2,272.59	17.87	128.174	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,400.00	3,346.23	3,727.50	3,680.78	9.29	10.75	-67.37	2,505.96	307.65	2,266.64	2,248.34	18.31	123.808		
3,500.00	3,444.29	3,811.06	3,763.18	9.52	10.94	-67.90	2,492.50	304.06	2,243.23	2,224.49	18.74	119.694		
3,600.00	3,542.36	3,901.96	3,852.81	9.76	11.17	-68.49	2,478.08	299.70	2,220.35	2,201.15	19.20	115.633		
3,700.00	3,640.42	3,993.26	3,942.84	10.01	11.40	-69.10	2,463.69	294.89	2,197.87	2,178.19	19.68	111.695		
3,800.00	3,738.48	4,081.26	4,029.62	10.26	11.62	-69.71	2,449.95	289.82	2,175.86	2,155.70	20.16	107.919		
3,900.00	3,836.54	4,168.05	4,115.22	10.52	11.85	-70.34	2,436.64	284.47	2,154.45	2,133.79	20.66	104.296		
4,000.00	3,934.60	4,255.48	4,201.46	10.78	12.08	-70.98	2,423.47	278.70	2,133.68	2,112.51	21.17	100.807		
4,100.00	4,032.66	4,342.09	4,286.88	11.05	12.32	-71.65	2,410.62	272.43	2,113.54	2,091.86	21.69	97.461		
4,200.00	4,130.73	4,443.50	4,386.89	11.32	12.59	-72.45	2,395.67	264.81	2,093.90	2,071.66	22.24	94.155		
4,300.00	4,228.79	4,563.74	4,505.50	11.60	12.88	-73.37	2,377.22	257.82	2,073.79	2,050.97	22.82	90.886		
4,400.00	4,326.85	4,681.42	4,621.58	11.88	13.18	-74.20	2,358.22	254.49	2,052.69	2,029.30	23.39	87.765		
4,500.00	4,424.91	4,779.72	4,718.55	12.16	13.43	-74.86	2,342.15	253.42	2,031.38	2,007.45	23.93	84.878		
4,600.00	4,522.97	4,869.92	4,807.51	12.45	13.68	-75.48	2,327.33	252.28	2,010.30	1,985.82	24.48	82.131		
4,700.00	4,621.03	4,951.35	4,887.83	12.74	13.91	-76.09	2,314.11	250.01	1,990.00	1,964.98	25.02	79.535		
4,800.00	4,719.09	5,030.86	4,966.26	13.04	14.14	-76.73	2,301.49	246.57	1,970.71	1,945.13	25.57	77.061		
4,900.00	4,817.16	5,107.75	5,042.10	13.33	14.36	-77.38	2,289.68	242.13	1,952.57	1,926.44	26.13	74.719		
5,000.00	4,915.22	5,176.78	5,110.22	13.63	14.56	-77.99	2,279.59	237.22	1,935.87	1,909.19	26.68	72.552		
5,100.00	5,013.28	5,250.76	5,183.23	13.94	14.78	-78.68	2,269.48	231.00	1,920.81	1,893.56	27.25	70.488		
5,200.00	5,111.34	5,327.91	5,259.34	14.24	15.00	-79.42	2,259.33	223.50	1,907.06	1,879.23	27.83	68.517		
5,300.00	5,209.40	5,402.12	5,332.56	14.55	15.21	-80.16	2,250.10	215.60	1,894.77	1,866.35	28.41	66.682		
5,400.00	5,307.46	5,472.10	5,401.60	14.86	15.41	-80.88	2,242.03	207.51	1,884.12	1,855.13	28.99	64.994		
5,500.00	5,405.52	5,561.39	5,489.68	15.17	15.65	-81.81	2,232.37	196.57	1,874.90	1,845.29	29.61	63.326		
5,600.00	5,503.59	5,716.54	5,642.73	15.48	16.05	-83.42	2,213.70	179.32	1,864.95	1,834.58	30.37	61.400		
5,700.00	5,601.65	5,864.03	5,788.08	15.79	16.46	-84.92	2,192.23	166.59	1,852.43	1,821.31	31.12	59.527		
5,800.00	5,699.71	5,974.86	5,896.85	16.11	16.80	-86.11	2,173.57	156.32	1,838.75	1,806.94	31.81	57.799		
5,900.00	5,797.77	6,097.29	6,017.05	16.43	17.17	-87.40	2,152.22	147.22	1,824.50	1,791.98	32.52	56.098		
6,000.00	5,895.83	6,277.88	6,194.38	16.74	17.72	-89.14	2,118.58	142.27	1,808.04	1,774.74	33.30	54.295		
6,100.00	5,993.89	6,378.77	6,293.25	17.06	18.02	-90.02	2,098.63	144.23	1,788.95	1,755.03	33.92	52.737		
6,200.00	6,091.95	6,458.10	6,371.27	17.39	18.24	-90.63	2,084.82	148.16	1,770.96	1,736.46	34.50	51.325		
6,300.00	6,190.02	6,545.67	6,457.50	17.71	18.49	-91.30	2,070.26	152.68	1,753.86	1,718.77	35.09	49.975		
6,400.00	6,288.39	7,828.00	7,264.25	17.99	25.91	-50.70	1,917.34	900.33	1,687.51	1,647.83	39.67	42.535		
6,500.00	6,387.80	7,833.51	7,264.61	18.17	26.02	33.85	1,917.48	905.83	1,622.23	1,581.71	40.52	40.036		
6,600.00	6,486.12	7,828.00	7,264.25	18.29	25.91	71.78	1,917.34	900.33	1,560.30	1,519.19	41.11	37.953		
6,700.00	6,580.94	7,812.42	7,263.27	18.34	25.60	86.19	1,916.98	884.78	1,503.59	1,462.14	41.44	36.280		
6,800.00	6,669.91	7,787.75	7,261.73	18.34	25.12	94.18	1,916.62	860.17	1,453.70	1,412.20	41.50	35.027		
6,900.00	6,750.85	7,754.03	7,259.62	18.32	24.47	99.08	1,916.55	826.51	1,411.90	1,370.62	41.28	34.206		
7,000.00	6,821.76	7,691.05	7,254.96	18.29	23.34	101.39	1,917.44	763.71	1,378.74	1,338.29	40.45	34.084 SF		
7,100.00	6,880.90	7,593.23	7,240.88	18.28	21.86	101.63	1,920.03	667.00	1,352.86	1,313.77	39.09	34.609		
7,200.00	6,926.81	7,496.05	7,213.07	18.34	20.96	100.97	1,924.59	574.09	1,333.33	1,295.32	38.01	35.075		
7,300.00	6,958.36	7,400.06	7,174.25	18.50	20.58	99.62	1,930.45	486.56	1,320.58	1,283.29	37.29	35.414		
7,400.00	6,974.77	7,326.36	7,136.78	18.78	20.43	98.23	1,935.55	423.35	1,314.27	1,277.23	37.04	35.478		
7,434.30	6,977.10	7,307.69	7,126.23	18.91	20.40	97.76	1,937.18	408.03	1,313.86	1,276.79	37.07	35.445 CC, ES		
7,500.00	6,976.30	7,265.00	7,100.56	19.17	20.34	96.60	1,941.53	374.21	1,315.73	1,278.67	37.06	35.501		
7,600.00	6,973.90	7,228.38	7,076.77	19.72	20.26	95.57	1,946.09	346.76	1,322.64	1,285.20	37.44	35.324		
7,700.00	6,971.49	7,173.00	7,037.68	20.41	20.16	93.89	1,954.66	308.52	1,335.05	1,297.16	37.88	35.240		
7,800.00	6,969.09	7,155.92	7,024.91	21.20	20.12	93.34	1,957.67	297.57	1,352.44	1,313.83	38.60	35.034		
7,900.00	6,966.68	7,123.33	6,999.68	22.09	20.05	92.26	1,963.72	277.88	1,375.50	1,336.13	39.37	34.937		
8,000.00	6,964.27	7,081.00	6,965.28	23.07	19.96	90.80	1,972.19	254.71	1,404.18	1,364.01	40.16	34.961		
8,100.00	6,961.87	7,067.29	6,953.81	24.13	19.92	90.31	1,975.05	247.77	1,437.90	1,396.85	41.06	35.023		
8,200.00	6,959.46	7,038.05	6,928.94	25.25	19.85	89.27	1,981.17	233.67	1,476.74	1,434.81	41.93	35.220		
8,300.00	6,957.05	7,012.31	6,906.61	26.42	19.79	88.34	1,986.61	222.07	1,520.29	1,477.50	42.78	35.533		
8,400.00	6,954.65	6,988.00	6,885.18	27.65	19.73	87.45	1,991.76	211.83	1,568.31	1,524.70	43.61	35.966		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Well Error:	3.28 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,500.00	6,952.24	6,988.00	6,885.18	28.92	19.73	87.45	1,991.76	211.83	1,620.73	1,576.34	44.39	36.509	
8,600.00	6,949.83	6,951.49	6,852.26	30.23	19.63	86.10	1,999.38	198.00	1,676.59	1,631.45	45.14	37.143	
8,700.00	6,947.43	6,936.14	6,838.16	31.57	19.59	85.52	2,002.48	192.82	1,736.27	1,690.45	45.82	37.891	
8,800.00	6,945.02	6,922.68	6,825.67	32.94	19.56	85.02	2,005.16	188.58	1,799.26	1,752.80	46.45	38.734	
8,900.00	6,942.62	6,895.00	6,799.65	34.34	19.49	83.97	2,010.51	180.80	1,865.44	1,818.41	47.03	39.662	
9,000.00	6,940.21	6,895.00	6,799.65	35.76	19.49	83.97	2,010.51	180.80	1,934.02	1,886.47	47.55	40.675	
9,100.00	6,937.80	6,895.00	6,799.65	37.21	19.49	83.97	2,010.51	180.80	2,005.24	1,957.23	48.01	41.765	
9,200.00	6,935.40	6,895.00	6,799.65	38.67	19.49	83.97	2,010.51	180.80	2,078.84	2,030.41	48.43	42.926	
9,300.00	6,932.99	6,895.00	6,799.65	40.14	19.49	83.97	2,010.51	180.80	2,154.56	2,105.76	48.80	44.149	
9,400.00	6,930.58	6,895.00	6,799.65	41.64	19.49	83.97	2,010.51	180.80	2,232.20	2,183.06	49.14	45.428	
9,500.00	6,928.18	6,859.85	6,766.07	43.14	19.39	82.63	2,016.99	172.69	2,310.60	2,261.09	49.51	46.673	
9,600.00	6,925.77	6,853.79	6,760.23	44.66	19.38	82.40	2,018.07	171.49	2,391.13	2,341.34	49.79	48.022	
9,700.00	6,923.37	6,848.22	6,754.85	46.18	19.36	82.19	2,019.05	170.44	2,473.03	2,422.98	50.05	49.409	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,700.00	2,659.80	3,042.00	2,992.63	7.92	9.98	-54.82	2,650.38	698.88	2,490.10	2,473.39	16.72	148.965		
2,800.00	2,757.86	3,154.78	3,103.06	8.08	10.26	-54.88	2,631.93	712.50	2,463.97	2,446.87	17.10	144.100		
2,900.00	2,855.93	3,283.99	3,229.54	8.26	10.60	-54.98	2,609.57	726.55	2,436.77	2,419.24	17.53	139.014		
3,000.00	2,953.99	3,396.19	3,339.39	8.45	10.90	-55.12	2,589.18	736.71	2,408.53	2,390.58	17.94	134.243		
3,100.00	3,052.05	3,497.04	3,438.16	8.64	11.18	-55.26	2,570.58	745.06	2,379.97	2,361.62	18.35	129.724		
3,200.00	3,150.11	3,599.80	3,538.78	8.85	11.47	-55.42	2,551.41	753.39	2,351.19	2,332.43	18.77	125.281		
3,300.00	3,248.17	3,689.06	3,626.16	9.07	11.71	-55.56	2,534.66	760.47	2,322.32	2,303.15	19.17	121.118		
3,400.00	3,346.23	3,761.72	3,697.30	9.29	11.89	-55.66	2,521.38	766.96	2,294.06	2,274.50	19.56	117.274		
3,500.00	3,444.29	3,828.22	3,762.42	9.52	12.06	-55.72	2,509.95	774.15	2,267.01	2,247.06	19.95	113.640		
3,600.00	3,542.36	3,896.57	3,829.34	9.76	12.23	-55.76	2,498.96	782.64	2,241.19	2,220.84	20.36	110.101		
3,700.00	3,640.42	3,977.49	3,908.56	10.01	12.44	-55.78	2,486.68	793.67	2,216.38	2,195.58	20.80	106.549		
3,800.00	3,738.48	4,065.83	3,995.04	10.26	12.68	-55.80	2,473.70	806.16	2,192.08	2,170.80	21.28	103.029		
3,900.00	3,836.54	4,166.07	4,093.20	10.52	12.97	-55.82	2,459.14	820.31	2,167.95	2,146.15	21.79	99.478		
4,000.00	3,934.60	4,256.15	4,181.42	10.78	13.23	-55.84	2,446.00	832.90	2,143.74	2,121.44	22.30	96.137		
4,100.00	4,032.66	4,367.52	4,290.52	11.05	13.57	-55.86	2,429.87	848.41	2,119.65	2,096.79	22.86	92.727		
4,200.00	4,130.73	4,470.36	4,391.23	11.32	13.89	-55.90	2,414.28	862.26	2,094.84	2,071.43	23.41	89.482		
4,300.00	4,228.79	4,572.79	4,491.53	11.60	14.22	-55.94	2,398.57	875.87	2,069.84	2,045.87	23.97	86.347		
4,400.00	4,326.85	4,696.24	4,612.44	11.88	14.63	-56.03	2,378.81	891.03	2,044.11	2,019.53	24.58	83.150		
4,500.00	4,424.91	4,810.62	4,724.42	12.16	15.01	-56.15	2,359.18	903.58	2,017.11	1,991.94	25.17	80.130		
4,600.00	4,522.97	4,915.18	4,826.84	12.45	15.36	-56.30	2,340.83	913.90	1,989.66	1,963.92	25.74	77.298		
4,700.00	4,621.03	5,009.78	4,919.49	12.74	15.67	-56.45	2,324.01	922.95	1,961.98	1,935.70	26.28	74.647		
4,800.00	4,719.09	5,103.64	5,011.46	13.04	15.96	-56.60	2,307.50	931.79	1,934.47	1,907.65	26.82	72.120		
4,900.00	4,817.16	5,225.70	5,131.07	13.33	16.36	-56.84	2,285.50	942.11	1,906.52	1,879.10	27.42	69.534		
5,000.00	4,915.22	5,316.24	5,219.76	13.63	16.65	-57.04	2,268.68	949.23	1,877.96	1,850.01	27.95	67.179		
5,100.00	5,013.28	5,408.01	5,309.62	13.94	16.92	-57.24	2,251.75	956.91	1,849.60	1,821.11	28.49	64.926		
5,200.00	5,111.34	5,492.05	5,391.90	14.24	17.17	-57.40	2,236.55	964.74	1,821.67	1,792.65	29.02	62.774		
5,300.00	5,209.40	5,568.21	5,466.49	14.55	17.40	-57.52	2,223.35	972.69	1,794.58	1,765.03	29.55	60.733		
5,400.00	5,307.46	5,645.16	5,541.86	14.86	17.64	-57.61	2,210.79	981.73	1,768.57	1,738.48	30.09	58.781		
5,500.00	5,405.52	5,730.67	5,625.62	15.17	17.91	-57.68	2,197.60	992.81	1,743.50	1,712.85	30.65	56.884		
5,600.00	5,503.59	5,830.47	5,723.39	15.48	18.23	-57.77	2,182.41	1,005.87	1,718.66	1,687.41	31.25	54.997		
5,700.00	5,601.65	5,927.21	5,818.17	15.79	18.56	-57.86	2,167.42	1,018.16	1,693.53	1,661.68	31.85	53.172		
5,800.00	5,699.71	6,025.88	5,914.93	16.11	18.89	-57.98	2,152.33	1,030.20	1,668.57	1,636.12	32.45	51.415		
5,900.00	5,797.77	6,132.04	6,019.01	16.43	19.26	-58.13	2,135.65	1,042.77	1,643.19	1,610.11	33.07	49.684		
6,000.00	5,895.83	6,257.95	6,142.41	16.74	19.70	-58.36	2,114.55	1,056.24	1,616.76	1,583.04	33.72	47.942		
6,100.00	5,993.89	6,356.95	6,239.46	17.06	20.05	-58.61	2,097.10	1,064.97	1,589.37	1,555.06	34.31	46.317		
6,200.00	6,091.95	6,459.42	6,340.06	17.39	20.40	-58.97	2,078.77	1,071.70	1,561.64	1,526.75	34.89	44.754		
6,300.00	6,190.02	6,559.16	6,438.09	17.71	20.71	-59.48	2,060.70	1,074.56	1,533.56	1,498.13	35.44	43.276		
6,400.00	6,288.39	6,652.59	6,718.15	17.99	21.47	-42.73	1,995.45	1,026.55	1,502.60	1,466.98	35.62	42.184		
6,500.00	6,387.80	6,941.43	6,793.62	18.17	21.62	35.99	1,971.24	986.66	1,462.76	1,426.85	35.91	40.735		
6,600.00	6,486.12	7,003.24	6,841.80	18.29	21.69	69.54	1,956.34	950.97	1,425.24	1,389.03	36.22	39.354		
6,700.00	6,580.94	7,064.41	6,885.28	18.34	21.72	80.67	1,943.64	909.92	1,391.04	1,354.53	36.51	38.103		
6,800.00	6,669.91	7,120.26	6,921.14	18.34	21.72	86.52	1,933.99	868.23	1,360.97	1,324.17	36.80	36.980		
6,900.00	6,750.85	7,179.00	6,955.71	18.32	21.72	90.23	1,926.13	821.42	1,336.02	1,298.92	37.10	36.012		
7,000.00	6,821.76	7,256.07	6,994.97	18.29	21.68	92.57	1,918.29	755.63	1,315.78	1,278.15	37.63	34.966		
7,100.00	6,880.90	7,399.21	7,046.62	18.28	21.63	93.51	1,904.65	623.09	1,297.20	1,258.09	39.10	33.174		
7,200.00	6,926.81	7,502.96	7,070.78	18.34	21.74	94.54	1,894.38	522.75	1,279.86	1,239.15	40.71	31.436		
7,300.00	6,958.36	7,594.66	7,082.03	18.50	23.23	95.36	1,886.23	432.19	1,265.40	1,222.96	42.44	29.819		
7,400.00	6,974.77	7,678.28	7,081.12	18.78	24.85	95.78	1,881.05	348.76	1,255.28	1,210.97	44.31	28.331		
7,500.00	6,976.30	7,768.26	7,077.61	19.17	26.73	96.02	1,876.52	258.97	1,249.10	1,202.58	46.52	26.850		
7,600.00	6,973.90	7,855.61	7,074.22	19.72	28.66	95.98	1,872.93	171.76	1,244.63	1,195.70	48.92	25.440		
7,700.00	6,971.49	7,952.06	7,070.48	20.41	30.91	95.93	1,869.92	75.43	1,241.14	1,189.36	51.77	23.972		
7,800.00	6,969.09	8,066.17	7,066.14	21.20	33.66	95.88	1,864.79	-38.48	1,236.21	1,180.94	55.27	22.366		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,900.00	6,966.68	8,139.60	7,063.32	22.09	35.49	95.85	1,862.07	-111.80	1,232.24	1,174.34	57.90	21.281		
8,000.00	6,964.27	8,209.00	7,060.75	23.07	37.25	95.81	1,861.78	-181.15	1,231.26	1,170.71	60.54	20.336		
8,002.40	6,964.21	8,209.00	7,060.75	23.10	37.25	95.81	1,861.78	-181.15	1,231.25	1,170.69	60.56	20.330		
8,100.00	6,961.87	8,271.13	7,058.46	24.13	38.85	95.76	1,863.24	-243.22	1,233.00	1,169.92	63.08	19.547		
8,200.00	6,959.46	8,346.33	7,055.65	25.25	40.81	95.70	1,866.46	-318.30	1,236.91	1,170.85	66.06	18.724		
8,300.00	6,957.05	8,428.13	7,053.04	26.42	42.97	95.65	1,871.47	-399.90	1,242.66	1,173.35	69.31	17.928		
8,400.00	6,954.65	8,517.80	7,050.23	27.65	45.37	95.59	1,877.75	-489.31	1,249.34	1,176.45	72.88	17.141		
8,500.00	6,952.24	8,604.44	7,047.65	28.92	47.70	95.54	1,884.72	-575.63	1,257.06	1,180.63	76.43	16.448		
8,600.00	6,949.83	8,703.72	7,044.54	30.23	50.40	95.47	1,893.39	-674.48	1,265.47	1,185.02	80.44	15.731		
8,700.00	6,947.43	8,818.44	7,041.23	31.57	53.56	95.41	1,902.30	-788.81	1,272.90	1,187.87	85.03	14.970		
8,800.00	6,945.02	8,942.55	7,039.58	32.94	57.00	95.44	1,910.36	-912.64	1,279.31	1,189.35	89.96	14.221		
8,900.00	6,942.62	9,075.42	7,037.89	34.34	60.73	95.48	1,915.91	-1,045.38	1,283.41	1,188.23	95.18	13.484		
9,000.00	6,940.21	9,234.01	7,035.00	35.76	65.20	95.52	1,916.22	-1,203.92	1,283.29	1,182.16	101.12	12.690		
9,100.00	6,937.80	9,100.00	7,029.42	37.21	61.44	95.50	1,906.75	-1,378.06	1,276.98	1,178.33	98.66	12.943		
9,200.00	6,935.40	9,200.00	7,023.95	38.67	64.32	95.51	1,889.49	-1,542.45	1,266.08	1,163.54	102.54	12.347		
9,300.00	6,932.99	9,672.07	7,020.67	40.14	77.49	95.53	1,876.08	-1,639.58	1,252.18	1,135.03	117.14	10.690		
9,400.00	6,930.58	9,747.87	7,018.19	41.64	79.63	95.53	1,867.55	-1,714.85	1,240.56	1,119.64	120.92	10.259		
9,500.00	6,928.18	9,878.10	7,014.35	43.14	83.30	95.57	1,852.62	-1,844.17	1,229.05	1,103.25	125.80	9.770		
9,600.00	6,925.77	10,091.52	7,008.49	44.66	89.24	95.70	1,816.89	-2,054.37	1,213.53	1,081.98	131.55	9.225		
9,700.00	6,923.37	10,163.62	7,006.77	46.18	91.22	95.78	1,801.31	-2,124.75	1,191.80	1,056.33	135.47	8.798		
9,800.00	6,920.96	10,209.75	7,005.55	47.72	92.51	95.81	1,792.76	-2,170.06	1,173.19	1,034.12	139.07	8.436		
9,900.00	6,918.55	10,264.00	7,004.05	49.27	94.04	95.84	1,785.51	-2,223.79	1,159.22	1,016.60	142.62	8.128		
10,000.00	6,916.15	10,317.82	7,002.54	50.82	95.58	95.86	1,780.40	-2,277.34	1,149.11	1,003.07	146.04	7.869		
10,100.00	6,913.74	10,382.88	7,000.82	52.38	97.46	95.87	1,775.82	-2,342.21	1,141.90	992.32	149.57	7.634		
10,200.00	6,911.33	10,449.00	6,999.55	53.95	99.37	95.90	1,773.46	-2,408.28	1,138.03	985.00	153.03	7.437		
10,280.43	6,909.40	10,499.29	6,998.92	55.21	100.83	95.93	1,773.05	-2,458.56	1,137.17	981.53	155.64	7.306		
10,300.00	6,908.93	10,513.12	6,998.78	55.52	101.23	95.94	1,773.10	-2,472.39	1,137.22	980.91	156.31	7.275		
10,400.00	6,906.52	10,589.02	6,998.26	57.10	103.44	96.00	1,774.42	-2,548.28	1,138.88	978.98	159.91	7.122		
10,500.00	6,904.12	10,670.23	6,997.58	58.68	105.80	96.05	1,777.32	-2,629.43	1,142.37	978.71	163.66	6.980		
10,600.00	6,901.71	10,754.90	6,997.04	60.27	108.26	96.10	1,781.59	-2,713.99	1,147.33	979.82	167.51	6.849		
10,700.00	6,899.30	10,844.89	6,996.36	61.87	110.88	96.15	1,787.16	-2,803.80	1,153.43	981.85	171.58	6.722		
10,800.00	6,896.90	10,956.45	6,995.55	63.46	114.13	96.21	1,794.22	-2,915.14	1,159.72	983.15	176.56	6.568		
10,900.00	6,894.49	11,086.39	6,994.37	65.06	117.92	96.27	1,799.48	-3,044.96	1,163.63	981.39	182.24	6.385		
11,000.00	6,892.08	11,175.11	6,993.78	66.67	120.51	96.34	1,802.25	-3,133.64	1,166.73	980.43	186.30	6.263		
11,100.00	6,889.68	11,273.33	6,994.21	68.28	123.38	96.45	1,806.21	-3,231.78	1,170.83	980.11	190.71	6.139		
11,200.00	6,887.27	11,424.22	6,995.23	69.89	127.80	96.67	1,808.52	-3,382.63	1,172.41	975.41	197.00	5.951		
11,300.00	6,884.87	11,554.99	6,995.33	71.50	131.62	96.84	1,806.60	-3,513.38	1,171.11	968.72	202.38	5.787		
11,400.00	6,882.46	11,667.50	6,994.08	73.12	134.90	96.93	1,802.47	-3,625.81	1,167.37	960.17	207.20	5.634		
11,500.00	6,880.05	11,741.70	6,992.74	74.74	137.07	96.97	1,800.36	-3,699.96	1,164.39	953.43	210.96	5.519		
11,600.00	6,877.65	11,821.89	6,990.75	76.36	139.42	96.97	1,799.80	-3,780.12	1,163.45	948.59	214.86	5.415		
11,610.52	6,877.39	11,830.55	6,990.58	76.53	139.67	96.97	1,799.80	-3,788.78	1,163.44	948.17	215.27	5.405		
11,700.00	6,875.24	11,905.04	6,989.42	77.98	141.86	97.00	1,800.39	-3,863.26	1,164.03	945.23	218.79	5.320		
11,800.00	6,872.83	11,983.83	6,988.39	79.61	144.17	97.03	1,802.09	-3,942.02	1,166.12	943.59	222.52	5.240		
11,900.00	6,870.43	12,059.85	6,987.49	81.23	146.40	97.06	1,805.41	-4,017.97	1,170.35	944.28	226.07	5.177		
12,000.00	6,868.02	12,151.11	6,986.30	82.86	149.08	97.08	1,810.66	-4,109.06	1,175.96	945.73	230.23	5.108		
12,100.00	6,865.62	12,287.54	6,984.78	84.49	153.09	97.12	1,817.66	-4,245.29	1,181.24	944.96	236.27	4.999		
12,200.00	6,863.21	12,399.73	6,983.53	86.13	156.39	97.18	1,819.60	-4,357.47	1,182.82	941.57	241.25	4.903		
12,300.00	6,860.80	12,547.93	6,981.84	87.76	160.74	97.28	1,819.50	-4,505.64	1,182.76	935.44	247.32	4.782		
12,400.00	6,858.40	12,677.16	6,980.90	89.40	164.52	97.41	1,814.64	-4,634.77	1,178.97	926.43	252.53	4.669		
12,500.00	6,855.99	12,788.32	6,981.55	91.03	167.77	97.61	1,808.50	-4,745.76	1,173.65	916.45	257.20	4.563		
12,600.00	6,853.58	12,903.66	6,982.24	92.67	171.13	97.83	1,800.80	-4,860.84	1,167.20	905.31	261.90	4.457		
12,700.00	6,851.18	13,005.16	6,981.34	94.31	174.09	97.96	1,793.25	-4,962.05	1,159.82	893.45	266.36	4.354		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys		Offset Site Error:		0.00 usft	
Survey Program:												20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor						
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)						
12,800.00	6,848.77	13,090.81	6,980.31	95.95	176.58	98.05	1,787.57	-5,047.51	1,153.19	882.63	270.56	4.262					
12,900.00	6,846.36	13,184.96	6,979.10	97.59	179.34	98.14	1,782.53	-5,141.52	1,147.81	872.90	274.91	4.175					
13,000.00	6,843.96	13,306.92	6,977.49	99.23	182.89	98.27	1,774.30	-5,263.18	1,140.99	861.23	279.76	4.078					
13,100.00	6,841.55	13,397.84	6,976.25	100.88	185.55	98.36	1,767.66	-5,353.85	1,133.72	849.66	284.06	3.991					
13,200.00	6,839.15	13,466.50	6,975.35	102.52	187.55	98.43	1,763.75	-5,422.39	1,128.15	840.28	287.86	3.919					
13,300.00	6,836.74	13,529.00	6,974.59	104.17	189.39	98.48	1,762.69	-5,484.87	1,126.23	834.96	291.28	3.867					
13,306.42	6,836.59	13,529.00	6,974.59	104.27	189.39	98.48	1,762.69	-5,484.87	1,126.21	834.87	291.35	3.866					
13,400.00	6,834.33	13,583.38	6,973.97	105.81	190.99	98.51	1,763.79	-5,539.24	1,127.97	833.92	294.05	3.836					
13,500.00	6,831.93	13,678.64	6,972.99	107.46	193.80	98.54	1,768.33	-5,634.38	1,132.62	834.24	298.38	3.796					
13,600.00	6,829.52	13,785.80	6,971.94	109.11	196.96	98.59	1,771.69	-5,741.48	1,135.66	832.45	303.22	3.745					
13,700.00	6,827.11	13,867.52	6,971.15	110.75	199.37	98.63	1,774.94	-5,823.14	1,139.61	832.69	306.93	3.713					
13,800.00	6,824.71	13,961.57	6,970.14	112.40	202.15	98.65	1,780.12	-5,917.03	1,145.02	833.83	311.19	3.680					
13,900.00	6,822.30	14,063.29	6,969.11	114.05	205.15	98.68	1,785.51	-6,018.61	1,150.24	834.43	315.82	3.642					
14,000.00	6,819.90	14,205.07	6,967.29	115.70	209.33	98.73	1,790.64	-6,160.27	1,153.83	831.67	322.16	3.582					
14,100.00	6,817.49	14,324.65	6,965.77	117.35	212.86	98.79	1,791.58	-6,279.84	1,154.56	827.18	327.38	3.527					
14,200.00	6,815.08	14,467.36	6,964.00	119.01	217.06	98.89	1,789.20	-6,422.50	1,152.98	819.91	333.07	3.462					
14,300.00	6,812.68	14,602.39	6,962.41	120.66	221.01	99.04	1,780.61	-6,557.24	1,146.32	808.19	338.13	3.390					
14,400.00	6,810.27	14,696.88	6,961.27	122.31	223.77	99.15	1,774.61	-6,651.53	1,140.00	797.51	342.49	3.329					
14,500.00	6,807.86	14,815.37	6,959.87	123.96	227.23	99.29	1,766.08	-6,769.71	1,132.89	785.76	347.12	3.264					
14,600.00	6,805.46	14,901.70	6,958.66	125.62	229.74	99.39	1,759.32	-6,855.76	1,125.14	773.75	351.39	3.202					
14,700.00	6,803.05	15,011.67	6,957.24	127.27	232.96	99.52	1,751.73	-6,965.46	1,118.34	762.42	355.91	3.142					
14,800.00	6,800.65	15,155.46	6,956.02	128.93	237.12	99.76	1,736.45	-7,108.41	1,107.59	747.22	360.36	3.074					
14,900.00	6,798.24	15,240.94	6,955.48	130.58	239.59	99.93	1,726.70	-7,193.33	1,096.43	731.74	364.69	3.006					
15,000.00	6,795.83	15,324.43	6,954.88	132.24	242.01	100.08	1,718.44	-7,276.41	1,086.74	717.77	368.97	2.945					
15,100.00	6,793.43	15,411.56	6,954.38	133.89	244.55	100.24	1,710.86	-7,363.21	1,078.28	705.06	373.22	2.889					
15,200.00	6,791.02	15,511.74	6,953.85	135.55	247.48	100.41	1,703.58	-7,463.12	1,071.24	693.69	377.56	2.837					
15,300.00	6,788.61	15,570.00	6,953.51	137.21	250.11	100.52	1,697.70	-7,521.08	1,063.04	680.82	382.22	2.781					
15,342.39	6,787.59	15,570.00	6,953.51	137.91	250.11	100.52	1,697.70	-7,521.08	1,062.19	679.32	382.87	2.774	CC, ES, SF				
15,383.95	6,786.59	15,570.00	6,953.51	138.60	250.11	100.52	1,697.70	-7,521.08	1,063.01	680.06	382.94	2.776					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-0.30	589.08	-3.06	589.33				
100.00	100.00	88.42	88.42	3.28	3.28	-0.31	588.67	-3.15	588.70	581.35	7.36	80.035	
188.64	188.64	171.65	171.65	3.30	3.29	-0.33	588.18	-3.38	588.19	580.81	7.38	79.662	
200.00	200.00	182.12	182.11	3.31	3.29	-0.33	588.19	-3.42	588.20	580.81	7.39	79.604	
300.00	300.00	280.91	280.90	3.35	3.32	-60.99	588.55	-3.65	588.35	580.89	7.46	78.888	
400.00	399.93	379.41	379.41	3.42	3.36	-61.32	588.99	-3.74	587.11	579.55	7.56	77.657	
500.00	499.68	479.37	479.36	3.51	3.41	-62.00	589.60	-4.13	584.42	576.72	7.70	75.894	
600.00	599.13	579.89	579.88	3.62	3.47	-63.03	590.07	-4.47	580.06	572.18	7.88	73.614	
700.00	698.15	676.67	676.66	3.76	3.55	-64.39	590.55	-5.13	574.38	566.28	8.10	70.939	
800.00	796.63	774.78	774.76	3.94	3.63	-66.07	591.40	-5.26	567.89	559.53	8.36	67.923	
900.00	894.70	872.13	872.11	4.15	3.73	-67.91	592.23	-5.71	561.03	552.36	8.67	64.719	
1,000.00	992.76	968.59	968.56	4.40	3.83	-69.81	593.21	-6.66	555.00	545.99	9.01	61.584	
1,100.00	1,090.82	1,064.53	1,064.49	4.66	3.94	-71.72	594.50	-7.55	549.94	540.55	9.39	58.581	
1,200.00	1,188.88	1,161.22	1,161.15	4.95	4.06	-73.67	596.13	-8.54	545.90	536.11	9.79	55.745	
1,300.00	1,286.94	1,259.91	1,259.83	5.25	4.19	-75.65	597.98	-9.10	542.61	532.39	10.23	53.064	
1,400.00	1,385.00	1,357.14	1,357.04	5.56	4.33	-77.69	599.54	-10.27	539.92	529.24	10.68	50.568	
1,500.00	1,483.07	1,454.67	1,454.54	5.89	4.47	-79.67	601.54	-10.88	538.18	527.03	11.15	48.280	
1,600.00	1,581.13	1,554.80	1,554.65	6.23	4.62	-81.79	603.26	-12.08	537.02	525.39	11.64	46.151	
1,700.00	1,679.19	1,656.43	1,656.26	6.57	4.78	-84.03	604.16	-13.72	536.02	523.88	12.14	44.156	
1,800.00	1,777.25	1,754.20	1,754.01	6.92	4.93	-86.27	604.23	-15.88	535.34	522.70	12.64	42.337	
1,808.11	1,785.20	1,761.90	1,761.71	6.94	4.95	-86.45	604.25	-16.05	535.34	522.67	12.67	42.243	
1,900.00	1,875.31	1,847.83	1,847.62	7.11	5.09	-88.42	604.71	-18.08	535.97	523.19	12.78	41.938	
2,000.00	1,973.37	1,941.95	1,941.70	7.16	5.25	-90.52	606.10	-20.34	538.28	525.30	12.98	41.477	
2,100.00	2,071.43	2,038.73	2,038.43	7.22	5.41	-92.64	607.95	-22.63	541.76	528.56	13.20	41.047	
2,200.00	2,169.50	2,136.50	2,136.16	7.30	5.58	-94.68	610.26	-24.43	546.07	532.63	13.44	40.633	
2,300.00	2,267.56	2,235.99	2,235.61	7.39	5.76	-96.65	612.98	-25.66	551.04	537.34	13.70	40.224	
2,400.00	2,365.62	2,336.60	2,336.18	7.50	5.94	-98.53	615.74	-25.98	556.10	542.12	13.98	39.785	
2,500.00	2,463.68	2,433.06	2,432.59	7.63	6.11	-100.26	618.61	-25.99	561.72	547.46	14.26	39.388	
2,600.00	2,561.74	2,529.48	2,528.97	7.77	6.29	-102.02	621.46	-26.80	568.40	553.84	14.56	39.044	
2,700.00	2,659.80	2,629.33	2,628.76	7.92	6.48	-103.74	624.63	-27.01	575.37	560.49	14.88	38.680	
2,800.00	2,757.86	2,724.50	2,723.87	8.08	6.66	-105.33	627.91	-27.37	583.14	567.94	15.19	38.380	
2,900.00	2,855.93	2,821.14	2,820.45	8.26	6.84	-106.91	631.43	-28.01	591.73	576.20	15.53	38.110	
3,000.00	2,953.99	2,916.55	2,915.79	8.45	7.02	-108.46	634.90	-29.12	601.15	585.28	15.87	37.887	
3,100.00	3,052.05	3,010.93	3,010.09	8.64	7.21	-109.97	638.47	-30.78	611.56	595.35	16.21	37.720	
3,200.00	3,150.11	3,105.12	3,104.18	8.85	7.39	-111.44	642.26	-33.01	623.04	606.48	16.57	37.605	
3,300.00	3,248.17	3,202.43	3,201.36	9.07	7.58	-112.90	646.41	-35.56	635.29	618.35	16.94	37.504	
3,400.00	3,346.23	3,301.19	3,299.99	9.29	7.78	-114.29	650.99	-37.85	647.93	630.61	17.32	37.403	
3,500.00	3,444.29	3,395.11	3,393.78	9.52	7.96	-115.60	655.19	-40.41	661.17	643.47	17.70	37.354	
3,600.00	3,542.36	3,497.18	3,495.73	9.76	8.16	-117.02	659.17	-43.60	674.80	656.69	18.11	37.270	
3,700.00	3,640.42	3,599.84	3,598.29	10.01	8.37	-118.39	662.74	-46.24	688.10	669.59	18.52	37.157	
3,800.00	3,738.48	3,699.55	3,697.92	10.26	8.57	-119.66	666.14	-48.29	701.29	682.36	18.93	37.047	
3,900.00	3,836.54	3,793.87	3,792.16	10.52	8.76	-120.84	669.20	-50.44	714.92	695.59	19.33	36.981	
4,000.00	3,934.60	3,893.45	3,891.66	10.78	8.96	-122.08	671.93	-53.18	729.04	709.29	19.75	36.908	
4,100.00	4,032.66	3,988.25	3,986.39	11.05	9.15	-123.26	674.16	-56.00	743.51	723.34	20.16	36.872	
4,200.00	4,130.73	4,083.64	4,081.71	11.32	9.35	-124.47	675.72	-59.57	758.68	738.10	20.58	36.863	
4,300.00	4,228.79	4,175.90	4,173.87	11.60	9.54	-125.62	677.11	-63.53	774.63	753.63	20.99	36.902	
4,400.00	4,326.85	4,272.85	4,270.69	11.88	9.73	-126.74	679.28	-67.88	791.36	769.94	21.42	36.943	
4,500.00	4,424.91	4,372.01	4,369.74	12.16	9.94	-127.82	681.64	-72.10	808.23	786.37	21.86	36.970	
4,600.00	4,522.97	4,471.20	4,468.82	12.45	10.14	-128.83	684.36	-75.95	825.15	802.84	22.31	36.989	
4,700.00	4,621.03	4,576.67	4,574.17	12.74	10.36	-129.79	688.02	-79.23	841.84	819.06	22.78	36.959	
4,800.00	4,719.09	4,677.52	4,674.94	13.04	10.57	-130.65	691.51	-81.48	857.90	834.67	23.24	36.920	
4,900.00	4,817.16	4,778.87	4,776.21	13.33	10.78	-131.48	694.87	-83.54	873.91	850.20	23.70	36.873	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,915.22	4,877.55	4,874.82	13.63	10.98	-132.26	698.13	-85.22	889.77	865.61	24.16	36.829		
5,100.00	5,013.28	4,975.22	4,972.42	13.94	11.19	-133.00	701.51	-86.86	905.81	881.19	24.62	36.793		
5,200.00	5,111.34	5,075.07	5,072.21	14.24	11.40	-133.73	704.81	-88.54	921.95	896.86	25.09	36.750		
5,300.00	5,209.40	5,169.38	5,166.46	14.55	11.59	-134.42	707.67	-90.18	938.22	912.68	25.54	36.734		
5,400.00	5,307.46	5,263.95	5,260.96	14.86	11.79	-135.09	710.64	-92.29	955.11	929.11	26.00	36.737		
5,500.00	5,405.52	5,358.91	5,355.85	15.17	11.99	-135.80	712.61	-94.93	972.41	945.95	26.46	36.754		
5,600.00	5,503.59	5,453.54	5,450.43	15.48	12.19	-136.54	713.81	-98.06	990.18	963.26	26.92	36.787		
5,700.00	5,601.65	5,545.92	5,542.74	15.79	12.38	-137.21	715.40	-101.34	1,008.44	981.06	27.37	36.844		
5,800.00	5,699.71	5,637.97	5,634.69	16.11	12.57	-137.86	717.08	-105.20	1,027.48	999.65	27.83	36.925		
5,900.00	5,797.77	5,732.44	5,729.04	16.43	12.77	-138.49	719.16	-109.38	1,046.95	1,018.66	28.29	37.006		
6,000.00	5,895.83	5,827.20	5,823.67	16.74	12.97	-139.11	721.19	-113.95	1,066.92	1,038.16	28.76	37.098		
6,100.00	5,993.89	5,927.13	5,923.47	17.06	13.18	-139.76	722.84	-118.73	1,086.90	1,057.65	29.25	37.164		
6,200.00	6,091.95	6,023.60	6,019.82	17.39	13.38	-140.38	724.18	-123.32	1,106.93	1,077.21	29.72	37.242		
6,300.00	6,190.02	6,118.02	6,114.12	17.71	13.58	-140.98	725.19	-128.04	1,127.27	1,097.08	30.19	37.335		
6,400.00	6,288.39	6,212.66	6,208.62	17.99	13.78	-123.21	726.57	-132.95	1,145.80	1,115.16	30.64	37.399		
6,500.00	6,387.80	6,307.15	6,302.95	18.17	13.98	-47.12	728.09	-138.17	1,151.02	1,120.01	31.01	37.118		
6,600.00	6,486.12	6,405.58	6,401.21	18.29	14.19	-16.24	729.88	-143.83	1,141.02	1,109.68	31.35	36.401		
6,700.00	6,580.94	6,507.61	6,503.07	18.34	14.40	-7.27	731.26	-149.52	1,115.53	1,083.89	31.65	35.248		
6,800.00	6,669.91	6,594.94	6,590.26	18.34	14.59	-3.00	731.93	-154.44	1,075.36	1,043.50	31.86	33.753		
6,900.00	6,750.85	6,677.96	6,673.13	18.32	14.76	-0.11	732.96	-159.23	1,021.69	989.66	32.03	31.896		
7,000.00	6,821.76	6,753.66	6,748.69	18.29	14.93	2.66	734.76	-163.54	955.67	923.50	32.17	29.707		
7,100.00	6,880.90	6,818.36	6,813.26	18.28	15.06	6.18	736.81	-167.07	878.82	846.55	32.27	27.231		
7,200.00	6,926.81	6,869.69	6,864.48	18.34	15.17	11.80	738.75	-169.78	793.14	760.80	32.34	24.524		
7,300.00	6,958.36	6,907.16	6,901.87	18.50	15.25	22.97	740.33	-171.70	700.87	668.49	32.38	21.643		
7,400.00	6,974.77	6,930.37	6,925.02	18.78	15.30	49.40	741.34	-172.83	604.40	572.00	32.40	18.652		
7,500.00	6,976.30	6,937.08	6,931.72	19.17	15.32	81.50	741.63	-173.15	506.46	474.05	32.41	15.629		
7,600.00	6,973.90	6,939.45	6,934.09	19.72	15.32	82.77	741.73	-173.26	409.20	376.77	32.43	12.617		
7,700.00	6,971.49	6,941.76	6,936.39	20.41	15.33	84.02	741.83	-173.36	313.65	281.09	32.57	9.631		
7,800.00	6,969.09	6,944.00	6,938.63	21.20	15.33	85.24	741.93	-173.47	222.05	188.96	33.08	6.712		
7,900.00	6,966.68	6,946.19	6,940.82	22.09	15.34	86.43	742.02	-173.57	142.20	107.13	35.06	4.055		
7,995.49	6,964.38	6,948.23	6,942.85	23.03	15.34	87.54	742.11	-173.66	105.39	66.52	38.87	2.711 CC, ES		
8,000.00	6,964.27	6,948.32	6,942.95	23.07	15.34	87.59	742.11	-173.66	105.48	66.54	38.95	2.708 SF		
8,100.00	6,961.87	6,950.40	6,945.02	24.13	15.34	88.72	742.20	-173.76	148.41	111.19	37.22	3.987		
8,200.00	6,959.46	6,952.43	6,947.04	25.25	15.35	89.82	742.29	-173.85	230.03	194.80	35.23	6.529		
8,300.00	6,957.05	6,954.41	6,949.02	26.42	15.35	90.89	742.38	-173.93	322.17	287.86	34.31	9.390		
8,400.00	6,954.65	6,956.34	6,950.94	27.65	15.36	91.93	742.46	-174.02	417.93	384.08	33.85	12.347		
8,500.00	6,952.24	6,958.22	6,952.82	28.92	15.36	92.95	742.54	-174.10	515.30	481.71	33.59	15.342		
8,600.00	6,949.83	6,960.06	6,954.66	30.23	15.37	93.94	742.62	-174.18	613.51	580.08	33.43	18.353		
8,700.00	6,947.43	6,961.85	6,956.45	31.57	15.37	94.90	742.70	-174.26	712.21	678.89	33.32	21.373		
8,800.00	6,945.02	6,963.61	6,958.20	32.94	15.37	95.83	742.77	-174.34	811.23	777.97	33.25	24.395		
8,900.00	6,942.62	6,965.32	6,959.91	34.34	15.38	96.74	742.85	-174.41	910.45	877.24	33.21	27.417		
9,000.00	6,940.21	6,966.99	6,961.58	35.76	15.38	97.63	742.92	-174.48	1,009.83	976.65	33.18	30.436		
9,100.00	6,937.80	6,968.63	6,963.21	37.21	15.38	98.49	742.99	-174.55	1,109.32	1,076.15	33.16	33.452		
9,200.00	6,935.40	6,970.23	6,964.81	38.67	15.39	99.32	743.06	-174.62	1,208.88	1,175.73	33.15	36.463		
9,300.00	6,932.99	6,971.79	6,966.37	40.14	15.39	100.14	743.12	-174.68	1,308.52	1,275.36	33.15	39.469		
9,400.00	6,930.58	6,973.33	6,967.90	41.64	15.39	100.93	743.19	-174.75	1,408.20	1,375.04	33.16	42.468		
9,500.00	6,928.18	6,974.82	6,969.39	43.14	15.40	101.70	743.25	-174.81	1,507.92	1,474.75	33.17	45.459		
9,600.00	6,925.77	6,976.29	6,970.86	44.66	15.40	102.44	743.32	-174.87	1,607.68	1,574.49	33.19	48.443		
9,700.00	6,923.37	6,977.73	6,972.29	46.18	15.40	103.17	743.38	-174.93	1,707.46	1,674.25	33.21	51.419		
9,800.00	6,920.96	6,979.13	6,973.69	47.72	15.41	103.88	743.44	-174.99	1,807.26	1,774.03	33.23	54.385		
9,900.00	6,918.55	6,980.51	6,975.07	49.27	15.41	104.56	743.50	-175.04	1,907.09	1,873.83	33.26	57.342		
10,000.00	6,916.15	6,981.86	6,976.42	50.82	15.41	105.23	743.56	-175.10	2,006.93	1,973.64	33.29	60.289		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)											Offset Site Error:	0.00 usft
Survey Program:	100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	6,913.74	6,983.18	6,977.73	52.38	15.41	105.88	743.61	-175.15	2,106.78	2,073.46	33.32	63.225	
10,200.00	6,911.33	6,984.47	6,979.03	53.95	15.42	106.51	743.67	-175.21	2,206.65	2,173.29	33.36	66.151	
10,300.00	6,908.93	6,985.74	6,980.29	55.52	15.42	107.13	743.72	-175.26	2,306.53	2,273.13	33.40	69.064	
10,400.00	6,906.52	6,986.99	6,981.54	57.10	15.42	107.72	743.77	-175.31	2,406.41	2,372.98	33.44	71.966	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:		0.00 usft	
Survey Program:											100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance																		
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning													
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)														
3,200.00	3,150.11	4,204.77	3,987.96	8.85	16.88	-92.30	2,322.82	-611.12	2,494.00	2,470.79	23.21	107.470													
3,300.00	3,248.17	4,285.41	4,061.38	9.07	17.29	-93.14	2,289.57	-613.60	2,458.25	2,434.45	23.80	103.277													
3,400.00	3,346.23	4,373.85	4,142.02	9.29	17.75	-94.07	2,253.31	-615.94	2,423.16	2,398.73	24.43	99.183													
3,500.00	3,444.29	4,443.69	4,205.72	9.52	18.10	-94.82	2,224.73	-617.77	2,388.80	2,363.77	25.03	95.451													
3,600.00	3,542.36	4,500.00	4,257.28	9.76	18.39	-95.43	2,202.16	-619.40	2,355.91	2,330.31	25.60	92.031													
3,700.00	3,640.42	4,561.05	4,313.41	10.01	18.69	-96.10	2,178.25	-621.49	2,324.69	2,298.49	26.19	88.749													
3,800.00	3,738.48	4,600.00	4,349.36	10.26	18.89	-96.54	2,163.34	-623.08	2,295.41	2,268.67	26.74	85.857													
3,900.00	3,836.54	4,665.24	4,409.88	10.52	19.21	-97.28	2,139.18	-626.18	2,268.02	2,240.67	27.36	82.902													
4,000.00	3,934.60	4,721.38	4,462.30	10.78	19.48	-97.92	2,119.32	-629.24	2,242.87	2,214.91	27.96	80.219													
4,100.00	4,032.66	4,790.54	4,527.18	11.05	19.81	-98.70	2,095.65	-632.95	2,219.40	2,190.79	28.61	77.587													
4,200.00	4,130.73	4,858.60	4,591.33	11.32	20.12	-99.47	2,073.20	-636.35	2,197.47	2,168.22	29.25	75.132													
4,300.00	4,228.79	4,933.08	4,661.92	11.60	20.46	-100.29	2,049.65	-639.67	2,177.08	2,147.17	29.91	72.781													
4,400.00	4,326.85	5,013.66	4,738.51	11.88	20.82	-101.18	2,024.82	-642.82	2,157.80	2,127.20	30.60	70.522													
4,500.00	4,424.91	5,081.67	4,803.40	12.16	21.12	-101.92	2,004.62	-645.35	2,139.95	2,108.71	31.24	68.494													
4,600.00	4,522.97	5,154.80	4,873.45	12.45	21.43	-102.71	1,983.78	-648.01	2,123.69	2,091.78	31.90	66.566													
4,700.00	4,621.03	5,225.81	4,941.69	12.74	21.73	-103.47	1,964.29	-650.50	2,108.86	2,076.30	32.56	64.778													
4,800.00	4,719.09	5,291.23	5,004.89	13.04	22.00	-104.15	1,947.55	-652.52	2,095.78	2,062.59	33.18	63.158													
4,900.00	4,817.16	5,356.33	5,068.11	13.33	22.26	-104.81	1,932.14	-654.30	2,084.53	2,050.73	33.80	61.674													
5,000.00	4,915.22	5,422.30	5,132.46	13.63	22.51	-105.46	1,917.71	-656.06	2,075.11	2,040.70	34.41	60.304													
5,100.00	5,013.28	5,489.49	5,198.25	13.94	22.76	-106.10	1,904.15	-657.86	2,067.48	2,032.46	35.02	59.041													
5,200.00	5,111.34	5,556.51	5,264.09	14.24	23.00	-106.72	1,891.77	-659.71	2,061.61	2,026.00	35.61	57.888													
5,300.00	5,209.40	5,624.94	5,331.52	14.55	23.24	-107.34	1,880.29	-661.69	2,057.50	2,021.30	36.21	56.828													
5,400.00	5,307.46	5,700.00	5,405.69	14.86	23.50	-107.99	1,869.01	-663.85	2,055.04	2,018.22	36.81	55.824													
5,500.00	5,405.52	5,768.53	5,473.57	15.17	23.72	-108.57	1,859.83	-665.83	2,054.10	2,016.72	37.38	54.948													
5,513.17	5,418.44	5,778.16	5,483.13	15.21	23.75	-108.65	1,858.62	-666.11	2,054.09	2,016.63	37.46	54.834													
5,600.00	5,503.59	5,840.10	5,544.61	15.48	23.95	-109.15	1,851.35	-667.93	2,054.66	2,016.70	37.95	54.135													
5,700.00	5,601.65	5,915.02	5,619.12	15.79	24.18	-109.73	1,843.84	-670.13	2,056.76	2,018.24	38.53	53.384													
5,800.00	5,699.71	6,011.61	5,715.30	16.11	24.46	-110.44	1,835.29	-672.45	2,059.59	2,020.42	39.17	52.576													
5,900.00	5,797.77	6,094.97	5,798.35	16.43	24.71	-111.04	1,828.44	-674.38	2,063.10	2,023.33	39.76	51.883													
6,000.00	5,895.83	6,174.15	5,877.25	16.74	24.94	-111.61	1,822.19	-676.75	2,067.64	2,027.30	40.34	51.257													
6,100.00	5,993.89	6,247.03	5,949.87	17.06	25.15	-112.15	1,816.70	-679.60	2,073.41	2,032.53	40.88	50.717													
6,200.00	6,091.95	6,320.46	6,023.06	17.39	25.35	-112.67	1,811.94	-683.03	2,080.70	2,039.28	41.42	50.234													
6,300.00	6,190.02	6,526.62	6,228.80	17.71	25.82	-113.96	1,801.65	-685.73	2,086.98	2,044.65	42.33	49.308													
6,400.00	6,288.39	6,567.29	6,269.43	17.99	25.85	-95.74	1,801.28	-684.21	2,089.69	2,047.06	42.62	49.026													
6,500.00	6,387.80	6,617.52	6,319.63	18.17	25.87	-18.91	1,802.50	-682.93	2,083.83	2,041.03	42.80	48.687													
6,600.00	6,486.12	6,702.48	6,404.52	18.29	25.84	13.22	1,805.43	-681.34	2,066.69	2,023.82	42.88	48.201													
6,700.00	6,580.94	6,786.86	6,488.84	18.34	25.80	24.19	1,808.50	-680.25	2,037.97	1,995.09	42.88	47.528													
6,800.00	6,669.91	6,838.93	6,540.86	18.34	25.78	30.98	1,810.70	-679.98	1,998.92	1,956.14	42.79	46.720													
6,900.00	6,750.85	6,900.00	6,601.81	18.32	25.76	37.24	1,814.42	-680.70	1,951.62	1,908.97	42.65	45.762													
7,000.00	6,821.76	6,991.26	6,692.92	18.29	25.74	44.78	1,819.30	-682.35	1,896.03	1,853.48	42.55	44.557													
7,100.00	6,880.90	7,123.23	6,824.87	18.28	25.91	55.25	1,820.92	-683.45	1,831.38	1,788.68	42.69	42.897													
7,200.00	6,926.81	7,198.38	6,900.01	18.34	26.07	66.49	1,820.03	-682.96	1,761.32	1,718.59	42.73	41.220													
7,300.00	6,958.36	7,229.24	6,930.86	18.50	26.12	77.16	1,819.49	-682.55	1,689.57	1,646.95	42.62	39.639													
7,400.00	6,974.77	7,244.31	6,945.92	18.78	26.14	86.96	1,819.23	-682.36	1,619.07	1,576.55	42.52	38.077													
7,500.00	6,976.30	7,244.50	6,946.12	19.17	26.14	92.81	1,819.23	-682.35	1,552.18	1,509.73	42.45	36.566													
7,600.00	6,973.90	7,240.77	6,942.39	19.72	26.14	92.63	1,819.29	-682.40	1,489.36	1,446.87	42.49	35.052													
7,700.00	6,971.49	7,237.04	6,938.65	20.41	26.13	92.45	1,819.36	-682.45	1,430.77	1,388.10	42.67	33.528													
7,800.00	6,969.09	7,233.30	6,934.92	21.20	26.13	92.27	1,819.42	-682.50	1,376.95	1,333.93	43.02	32.007													
7,900.00	6,966.68	7,229.57	6,931.19	22.09	26.12	92.09	1,819.49	-682.55	1,328.47	1,284.93	43.54	30.511													
8,000.00	6,964.27	7,225.84	6,927.46	23.07	26.11	91.91	1,819.55	-682.60	1,285.95	1,241.71	44.24	29.066													
8,100.00	6,961.87	7,222.10	6,923.72	24.13	26.11	91.73	1,819.62	-682.65	1,249.99	1,204.87	45.12	27.706													
8,200.00	6,959.46	7,218.37	6,919.99	25.25	26.10	91.55	1,819.68	-682.70	1,221.16	1,175.02	46.14	26.464													

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,300.00	6,957.05	7,218.29	6,919.91	26.42	26.11	91.54	1,819.66	-682.67	1,199.97	1,152.64	47.33	25.355	
8,400.00	6,954.65	7,213.34	6,914.96	27.65	26.10	91.30	1,819.76	-682.75	1,186.87	1,138.30	48.57	24.437	
8,500.00	6,952.24	7,208.59	6,910.21	28.92	26.09	91.07	1,819.85	-682.82	1,182.10	1,132.24	49.87	23.705	
8,506.59	6,952.08	7,208.28	6,909.91	29.01	26.09	91.06	1,819.85	-682.83	1,182.08	1,132.13	49.95	23.663 CC, ES	
8,600.00	6,949.83	7,204.03	6,905.66	30.23	26.08	90.85	1,819.93	-682.89	1,185.76	1,134.58	51.18	23.170	
8,700.00	6,947.43	7,199.65	6,901.28	31.57	26.07	90.64	1,820.01	-682.95	1,197.77	1,145.32	52.46	22.833	
8,800.00	6,945.02	7,195.45	6,897.07	32.94	26.06	90.44	1,820.08	-683.00	1,217.89	1,164.22	53.67	22.690 SF	
8,900.00	6,942.62	7,191.40	6,893.03	34.34	26.05	90.24	1,820.14	-683.05	1,245.73	1,190.93	54.80	22.733	
9,000.00	6,940.21	7,187.51	6,889.14	35.76	26.04	90.05	1,820.21	-683.09	1,280.77	1,224.96	55.81	22.950	
9,100.00	6,937.80	7,183.75	6,885.38	37.21	26.04	89.87	1,820.26	-683.13	1,322.45	1,265.76	56.69	23.327	
9,200.00	6,935.40	7,180.14	6,881.77	38.67	26.03	89.70	1,820.32	-683.17	1,370.17	1,312.72	57.45	23.849	
9,300.00	6,932.99	7,176.65	6,878.28	40.14	26.02	89.53	1,820.37	-683.20	1,423.32	1,365.23	58.09	24.501	
9,400.00	6,930.58	7,173.29	6,874.92	41.64	26.01	89.36	1,820.41	-683.23	1,481.31	1,422.69	58.62	25.271	
9,500.00	6,928.18	7,170.03	6,871.67	43.14	26.01	89.21	1,820.46	-683.26	1,543.60	1,484.56	59.04	26.143	
9,600.00	6,925.77	7,166.89	6,868.53	44.66	26.00	89.05	1,820.50	-683.29	1,609.69	1,550.31	59.38	27.106	
9,700.00	6,923.37	7,163.86	6,865.49	46.18	25.99	88.91	1,820.53	-683.31	1,679.13	1,619.48	59.65	28.150	
9,800.00	6,920.96	7,160.92	6,862.55	47.72	25.99	88.76	1,820.57	-683.33	1,751.53	1,691.67	59.85	29.264	
9,900.00	6,918.55	7,158.07	6,859.71	49.27	25.98	88.63	1,820.60	-683.35	1,826.52	1,766.52	60.00	30.440	
10,000.00	6,916.15	7,155.32	6,856.95	50.82	25.98	88.49	1,820.63	-683.36	1,903.82	1,843.70	60.11	31.671	
10,100.00	6,913.74	7,152.65	6,854.29	52.38	25.97	88.36	1,820.66	-683.38	1,983.14	1,922.95	60.19	32.950	
10,200.00	6,911.33	7,150.06	6,851.70	53.95	25.96	88.24	1,820.69	-683.39	2,064.25	2,004.02	60.23	34.271	
10,300.00	6,908.93	7,147.56	6,849.19	55.52	25.96	88.12	1,820.72	-683.40	2,146.95	2,086.69	60.26	35.630	
10,400.00	6,906.52	7,145.12	6,846.75	57.10	25.95	88.00	1,820.74	-683.41	2,231.07	2,170.81	60.26	37.022	
10,500.00	6,904.12	7,142.76	6,844.39	58.68	25.95	87.89	1,820.76	-683.42	2,316.45	2,256.19	60.26	38.442	
10,600.00	6,901.71	7,140.46	6,842.10	60.27	25.94	87.78	1,820.78	-683.43	2,402.95	2,342.71	60.24	39.889	
10,700.00	6,899.30	7,138.23	6,839.87	61.87	25.94	87.67	1,820.80	-683.43	2,490.46	2,430.24	60.22	41.359	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,800.00	2,757.86	3,800.00	3,578.85	8.08	16.18	-70.55	2,544.71	162.55	2,499.27	2,477.86	21.41	116.748		
2,900.00	2,855.93	4,045.31	3,803.60	8.26	17.41	-70.98	2,455.74	204.06	2,455.04	2,432.81	22.24	110.402		
3,000.00	2,953.99	4,175.88	3,920.89	8.45	18.10	-71.20	2,403.32	227.32	2,406.54	2,383.73	22.82	105.476		
3,100.00	3,052.05	4,242.54	3,980.52	8.64	18.46	-71.31	2,376.10	239.46	2,357.42	2,334.14	23.28	101.261		
3,200.00	3,150.11	4,300.00	4,032.24	8.85	18.76	-71.40	2,353.52	250.29	2,309.55	2,285.81	23.74	97.296		
3,300.00	3,248.17	4,406.28	4,127.88	9.07	19.33	-71.54	2,312.17	271.21	2,262.03	2,237.72	24.31	93.068		
3,400.00	3,346.23	4,530.47	4,238.50	9.29	20.02	-71.69	2,261.81	296.70	2,212.57	2,187.65	24.92	88.801		
3,500.00	3,444.29	4,590.30	4,291.86	9.52	20.35	-71.77	2,237.73	309.04	2,163.58	2,138.17	25.41	85.137		
3,600.00	3,542.36	4,722.00	4,408.73	9.76	21.08	-71.92	2,183.81	336.92	2,113.66	2,087.61	26.05	81.144		
3,700.00	3,640.42	4,768.44	4,449.95	10.01	21.34	-71.96	2,165.02	347.13	2,064.25	2,037.70	26.54	77.768		
3,800.00	3,738.48	4,818.96	4,495.18	10.26	21.62	-72.00	2,145.52	358.40	2,016.53	1,989.48	27.05	74.545		
3,900.00	3,836.54	4,876.56	4,547.09	10.52	21.93	-72.04	2,124.15	371.26	1,970.26	1,942.69	27.58	71.446		
4,000.00	3,934.60	4,950.47	4,614.13	10.78	22.33	-72.10	2,097.61	387.50	1,925.18	1,897.04	28.14	68.421		
4,100.00	4,032.66	5,058.63	4,712.49	11.05	22.90	-72.25	2,058.49	409.70	1,880.19	1,851.43	28.76	65.379		
4,200.00	4,130.73	5,146.71	4,792.33	11.32	23.37	-72.42	2,025.48	426.88	1,834.09	1,804.75	29.34	62.510		
4,300.00	4,228.79	5,213.18	4,852.86	11.60	23.72	-72.56	2,001.19	439.66	1,788.93	1,759.04	29.89	59.846		
4,400.00	4,326.85	5,278.41	4,912.62	11.88	24.05	-72.70	1,978.12	451.97	1,744.97	1,714.53	30.44	57.319		
4,500.00	4,424.91	5,300.00	4,932.48	12.16	24.16	-72.75	1,970.66	455.98	1,703.07	1,672.16	30.91	55.094		
4,600.00	4,522.97	5,359.59	4,987.97	12.45	24.45	-72.90	1,951.63	466.40	1,663.24	1,631.80	31.44	52.905		
4,700.00	4,621.03	5,400.00	5,026.26	12.74	24.64	-73.03	1,940.39	472.81	1,626.96	1,595.05	31.91	50.982		
4,800.00	4,719.09	5,446.99	5,071.21	13.04	24.84	-73.19	1,928.61	479.74	1,593.59	1,561.21	32.38	49.216		
4,900.00	4,817.16	5,500.00	5,122.31	13.33	25.06	-73.38	1,916.56	487.10	1,562.77	1,529.92	32.85	47.575		
5,000.00	4,915.22	5,566.06	5,186.38	13.63	25.32	-73.65	1,902.87	495.51	1,534.17	1,500.83	33.34	46.017		
5,100.00	5,013.28	5,635.59	5,254.17	13.94	25.59	-73.97	1,889.54	503.37	1,507.38	1,473.55	33.83	44.558		
5,200.00	5,111.34	5,708.02	5,325.07	14.24	25.85	-74.34	1,876.57	510.47	1,482.23	1,447.91	34.32	43.191		
5,300.00	5,209.40	5,780.28	5,396.08	14.55	26.10	-74.76	1,864.57	516.45	1,458.73	1,423.94	34.79	41.930		
5,400.00	5,307.46	5,839.92	5,454.89	14.86	26.30	-75.15	1,855.59	520.46	1,437.28	1,402.09	35.19	40.840		
5,500.00	5,405.52	5,900.00	5,514.44	15.17	26.49	-75.57	1,848.13	523.27	1,418.78	1,383.21	35.57	39.882		
5,600.00	5,503.59	5,976.45	5,590.41	15.48	26.70	-76.19	1,839.71	524.83	1,402.50	1,366.51	35.99	38.969		
5,700.00	5,601.65	6,044.96	5,658.54	15.79	26.86	-76.83	1,832.54	524.34	1,387.81	1,351.47	36.34	38.193		
5,800.00	5,699.71	6,100.00	5,713.36	16.11	26.99	-77.37	1,827.87	523.15	1,375.82	1,339.23	36.59	37.600		
5,900.00	5,797.77	6,172.63	5,785.83	16.43	27.12	-78.08	1,823.41	521.23	1,366.45	1,329.56	36.89	37.039		
6,000.00	5,895.83	6,248.11	5,861.25	16.74	27.25	-78.78	1,820.73	519.68	1,359.57	1,322.35	37.22	36.530		
6,100.00	5,993.89	6,331.69	5,944.81	17.06	27.42	-79.49	1,819.22	519.45	1,354.14	1,316.53	37.62	35.998		
6,200.00	6,091.95	6,414.88	6,027.99	17.39	27.57	-80.17	1,818.78	519.62	1,350.05	1,312.03	38.02	35.512		
6,300.00	6,190.02	6,496.43	6,109.54	17.71	27.65	-80.85	1,819.17	519.24	1,347.37	1,309.07	38.31	35.173		
6,400.00	6,288.39	6,578.53	6,191.62	17.99	27.63	-62.94	1,820.32	518.04	1,345.36	1,306.91	38.44	34.995		
6,500.00	6,387.80	6,657.86	6,270.90	18.17	27.60	13.91	1,822.21	515.99	1,339.66	1,301.18	38.49	34.808		
6,600.00	6,486.12	6,789.06	6,401.99	18.29	27.56	46.46	1,825.55	511.71	1,329.01	1,290.23	38.77	34.276		
6,700.00	6,580.94	6,931.33	6,544.24	18.34	27.74	58.70	1,824.46	511.70	1,308.75	1,269.41	39.34	33.265		
6,800.00	6,669.91	7,017.71	6,630.60	18.34	27.94	66.46	1,822.98	512.78	1,283.96	1,244.27	39.69	32.348		
6,900.00	6,750.85	7,092.64	6,705.50	18.32	28.11	72.95	1,822.19	514.65	1,257.85	1,217.83	40.02	31.432		
7,000.00	6,821.76	7,166.48	6,779.30	18.29	28.27	79.04	1,821.60	517.04	1,232.62	1,192.17	40.45	30.469		
7,100.00	6,880.90	7,228.34	6,841.13	18.28	28.40	84.30	1,820.75	518.82	1,210.60	1,169.61	40.99	29.536		
7,200.00	6,926.81	7,275.18	6,887.94	18.34	28.52	88.31	1,819.93	520.13	1,194.48	1,152.83	41.65	28.682		
7,300.00	6,958.36	7,306.34	6,919.09	18.50	28.59	90.77	1,819.31	521.00	1,186.56	1,144.12	42.44	27.956		
7,332.46	6,965.37	7,312.95	6,925.69	18.58	28.60	91.20	1,819.17	521.19	1,186.03	1,143.29	42.74	27.749 CC, ES		
7,400.00	6,974.77	7,319.48	6,932.22	18.78	28.61	91.39	1,819.05	521.37	1,188.37	1,145.03	43.34	27.417		
7,500.00	6,976.30	7,318.22	6,930.96	19.17	28.61	90.67	1,819.07	521.33	1,200.29	1,155.95	44.34	27.069		
7,600.00	6,973.90	7,314.10	6,926.84	19.72	28.61	90.47	1,819.15	521.22	1,220.74	1,175.29	45.45	26.859		
7,700.00	6,971.49	7,308.49	6,921.23	20.41	28.59	90.20	1,819.27	521.06	1,248.87	1,202.28	46.59	26.807 SF		
7,800.00	6,969.09	7,302.86	6,915.61	21.20	28.58	89.93	1,819.39	520.91	1,284.17	1,236.45	47.72	26.910		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,900.00	6,966.68	7,297.23	6,909.99	22.09	28.57	89.66	1,819.50	520.75	1,326.06	1,277.26	48.81	27.170	
8,000.00	6,964.27	7,291.60	6,904.36	23.07	28.55	89.39	1,819.61	520.59	1,373.95	1,324.14	49.82	27.580	
8,100.00	6,961.87	7,285.96	6,898.72	24.13	28.54	89.11	1,819.72	520.43	1,427.23	1,376.49	50.74	28.129	
8,200.00	6,959.46	7,280.32	6,893.08	25.25	28.53	88.84	1,819.83	520.28	1,485.32	1,433.75	51.56	28.806	
8,300.00	6,957.05	7,274.67	6,887.44	26.42	28.51	88.57	1,819.94	520.12	1,547.67	1,495.38	52.29	29.596	
8,400.00	6,954.65	7,269.02	6,881.79	27.65	28.50	88.30	1,820.05	519.96	1,613.80	1,560.87	52.93	30.487	
8,500.00	6,952.24	7,263.36	6,876.13	28.92	28.49	88.02	1,820.15	519.80	1,683.26	1,629.76	53.49	31.468	
8,600.00	6,949.83	7,257.70	6,870.47	30.23	28.47	87.75	1,820.25	519.64	1,755.65	1,701.67	53.98	32.526	
8,700.00	6,947.43	7,252.03	6,864.81	31.57	28.46	87.48	1,820.35	519.49	1,830.62	1,776.23	54.40	33.654	
8,800.00	6,945.02	7,246.36	6,859.14	32.94	28.45	87.21	1,820.45	519.33	1,907.88	1,853.12	54.76	34.841	
8,900.00	6,942.62	7,240.68	6,853.46	34.34	28.43	86.93	1,820.55	519.17	1,987.15	1,932.08	55.07	36.082	
9,000.00	6,940.21	7,235.00	6,847.78	35.76	28.42	86.66	1,820.64	519.01	2,068.21	2,012.86	55.35	37.368	
9,100.00	6,937.80	7,229.31	6,842.10	37.21	28.41	86.39	1,820.73	518.85	2,150.84	2,095.26	55.58	38.695	
9,200.00	6,935.40	7,223.62	6,836.41	38.67	28.39	86.11	1,820.82	518.69	2,234.89	2,179.10	55.79	40.059	
9,300.00	6,932.99	7,217.92	6,830.71	40.14	28.38	85.84	1,820.91	518.53	2,320.18	2,264.21	55.97	41.453	
9,400.00	6,930.58	7,214.53	6,827.33	41.64	28.37	85.68	1,820.96	518.43	2,406.59	2,350.47	56.12	42.879	
9,500.00	6,928.18	7,207.80	6,820.60	43.14	28.35	85.35	1,821.06	518.24	2,494.02	2,437.75	56.27	44.325	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.79	4.40	-1,219.71	1,219.72				
100.00	100.00	102.00	102.00	3.28	3.28	-89.79	4.40	-1,219.71	1,219.72	1,212.19	7.53	162.001	
200.00	200.00	202.00	202.00	3.31	3.31	-89.79	4.40	-1,219.71	1,219.72	1,212.15	7.57	161.028	
202.66	202.66	204.66	204.66	3.31	3.31	-150.39	4.40	-1,219.71	1,219.72	1,212.14	7.58	160.990	
300.00	300.00	303.28	303.28	3.35	3.35	-150.40	4.40	-1,219.71	1,220.10	1,212.43	7.67	159.178	
400.00	399.93	467.45	467.35	3.42	3.47	-150.44	6.33	-1,215.22	1,220.40	1,212.56	7.84	155.718	
500.00	499.68	631.53	630.79	3.51	3.65	-150.46	11.96	-1,202.11	1,218.48	1,210.41	8.07	151.040	
600.00	599.13	795.22	792.76	3.62	3.90	-150.45	21.25	-1,180.48	1,214.35	1,205.99	8.36	145.277	
700.00	698.15	942.49	937.14	3.76	4.22	-150.44	32.68	-1,153.89	1,208.19	1,199.49	8.70	138.818	
800.00	796.63	1,042.38	1,034.72	3.94	4.47	-150.49	41.11	-1,134.26	1,203.60	1,194.54	9.06	132.902	
900.00	894.70	1,142.33	1,132.36	4.15	4.75	-150.55	49.55	-1,114.62	1,200.94	1,191.49	9.45	127.049	
1,000.00	992.76	1,242.29	1,230.01	4.40	5.06	-150.60	57.99	-1,094.97	1,198.33	1,188.44	9.89	121.224	
1,100.00	1,090.82	1,342.25	1,327.65	4.66	5.38	-150.66	66.42	-1,075.33	1,195.71	1,185.36	10.35	115.544	
1,200.00	1,188.88	1,442.21	1,425.30	4.95	5.72	-150.71	74.86	-1,055.69	1,193.10	1,182.26	10.83	110.126	
1,300.00	1,286.94	1,542.17	1,522.94	5.25	6.06	-150.77	83.30	-1,036.04	1,190.48	1,179.14	11.35	104.927	
1,400.00	1,385.00	1,642.13	1,620.59	5.56	6.42	-150.82	91.74	-1,016.40	1,187.87	1,175.99	11.88	100.026	
1,500.00	1,483.07	1,742.09	1,718.24	5.89	6.79	-150.88	100.18	-996.75	1,185.26	1,172.84	12.42	95.420	
1,600.00	1,581.13	1,842.05	1,815.88	6.23	7.09	-150.94	108.62	-977.11	1,182.65	1,169.90	12.75	92.756	
1,700.00	1,679.19	1,942.01	1,913.53	6.57	7.23	-150.99	117.06	-957.47	1,180.04	1,166.91	13.12	89.908	
1,800.00	1,777.25	2,041.97	2,011.17	6.92	7.29	-151.05	125.49	-937.82	1,177.43	1,163.99	13.44	87.615	
1,900.00	1,875.31	2,141.92	2,108.82	7.11	7.37	-151.11	133.93	-918.18	1,174.82	1,161.40	13.42	87.510	
2,000.00	1,973.37	2,241.88	2,206.47	7.16	7.46	-151.17	142.37	-898.54	1,172.22	1,158.71	13.51	86.760	
2,100.00	2,071.43	2,341.84	2,304.11	7.22	7.57	-151.22	150.81	-878.89	1,169.61	1,155.98	13.63	85.815	
2,200.00	2,169.50	2,441.80	2,401.76	7.30	7.69	-151.28	159.25	-859.25	1,167.01	1,153.23	13.78	84.692	
2,300.00	2,267.56	2,541.76	2,499.40	7.39	7.83	-151.34	167.69	-839.60	1,164.41	1,150.45	13.96	83.412	
2,400.00	2,365.62	2,641.72	2,597.05	7.50	7.99	-151.40	176.12	-819.96	1,161.81	1,147.64	14.17	81.995	
2,500.00	2,463.68	2,741.68	2,694.70	7.63	8.16	-151.46	184.56	-800.32	1,159.21	1,144.80	14.41	80.463	
2,600.00	2,561.74	2,841.64	2,792.34	7.77	8.34	-151.52	193.00	-780.67	1,156.61	1,141.94	14.67	78.838	
2,700.00	2,659.80	2,941.60	2,889.99	7.92	8.53	-151.58	201.44	-761.03	1,154.01	1,139.05	14.96	77.142	
2,800.00	2,757.86	3,041.56	2,987.63	8.08	8.74	-151.64	209.88	-741.39	1,151.41	1,136.14	15.27	75.393	
2,900.00	2,855.93	3,141.52	3,085.28	8.26	8.95	-151.70	218.32	-721.74	1,148.82	1,133.21	15.61	73.611	
3,000.00	2,953.99	3,241.47	3,182.93	8.45	9.18	-151.76	226.76	-702.10	1,146.23	1,130.26	15.96	71.810	
3,100.00	3,052.05	3,341.43	3,280.57	8.64	9.41	-151.82	235.19	-682.45	1,143.63	1,127.30	16.34	70.005	
3,200.00	3,150.11	3,441.39	3,378.22	8.85	9.65	-151.88	243.63	-662.81	1,141.04	1,124.31	16.73	68.208	
3,300.00	3,248.17	3,541.35	3,475.86	9.07	9.90	-151.94	252.07	-643.17	1,138.45	1,121.31	17.14	66.429	
3,400.00	3,346.23	3,641.31	3,573.51	9.29	10.16	-152.00	260.51	-623.52	1,135.86	1,118.30	17.56	64.677	
3,500.00	3,444.29	3,741.27	3,671.16	9.52	10.42	-152.06	268.95	-603.88	1,133.28	1,115.28	18.00	62.957	
3,600.00	3,542.36	3,841.23	3,768.80	9.76	10.69	-152.13	277.39	-584.24	1,130.69	1,112.24	18.45	61.275	
3,700.00	3,640.42	3,941.19	3,866.45	10.01	10.97	-152.19	285.83	-564.59	1,128.11	1,109.19	18.92	59.634	
3,800.00	3,738.48	4,041.15	3,964.09	10.26	11.25	-152.25	294.26	-544.95	1,125.52	1,106.13	19.39	58.039	
3,900.00	3,836.54	4,141.11	4,061.74	10.52	11.53	-152.31	302.70	-525.30	1,122.94	1,103.06	19.88	56.490	
4,000.00	3,934.60	4,241.07	4,159.39	10.78	11.82	-152.38	311.14	-505.66	1,120.36	1,099.99	20.37	54.989	
4,100.00	4,032.66	4,341.02	4,257.03	11.05	12.12	-152.44	319.58	-486.02	1,117.78	1,096.90	20.88	53.536	
4,200.00	4,130.73	4,440.98	4,354.68	11.32	12.42	-152.50	328.02	-466.37	1,115.21	1,093.81	21.39	52.132	
4,300.00	4,228.79	4,540.94	4,452.32	11.60	12.72	-152.57	336.46	-446.73	1,112.63	1,090.72	21.91	50.775	
4,400.00	4,326.85	4,640.90	4,549.97	11.88	13.02	-152.63	344.89	-427.09	1,110.05	1,087.61	22.44	49.466	
4,500.00	4,424.91	4,740.86	4,647.61	12.16	13.33	-152.70	353.33	-407.44	1,107.48	1,084.51	22.98	48.203	
4,600.00	4,522.97	4,840.82	4,745.26	12.45	13.64	-152.76	361.77	-387.80	1,104.91	1,081.39	23.52	46.985	
4,700.00	4,621.03	4,940.78	4,842.91	12.74	13.96	-152.83	370.21	-368.15	1,102.34	1,078.28	24.06	45.811	
4,800.00	4,719.09	5,040.74	4,940.55	13.04	14.27	-152.89	378.65	-348.51	1,099.77	1,075.15	24.61	44.679	
4,900.00	4,817.16	5,140.70	5,038.20	13.33	14.59	-152.96	387.09	-328.87	1,097.20	1,072.03	25.17	43.589	
5,000.00	4,915.22	5,240.66	5,135.84	13.63	14.91	-153.02	395.53	-309.22	1,094.63	1,068.90	25.73	42.538	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,013.28	5,340.62	5,233.49	13.94	15.24	-153.09	403.96	-289.58	1,092.07	1,065.77	26.30	41.525	
5,200.00	5,111.34	5,440.57	5,331.14	14.24	15.56	-153.16	412.40	-269.94	1,089.51	1,062.64	26.87	40.549	
5,300.00	5,209.40	5,540.53	5,428.78	14.55	15.89	-153.22	420.84	-250.29	1,086.95	1,059.50	27.44	39.608	
5,400.00	5,307.46	5,640.49	5,526.43	14.86	16.22	-153.29	429.28	-230.65	1,084.38	1,056.36	28.02	38.701	
5,500.00	5,405.52	5,740.45	5,624.07	15.17	16.55	-153.36	437.72	-211.00	1,081.83	1,053.23	28.60	37.826	
5,600.00	5,503.59	5,840.41	5,721.72	15.48	16.88	-153.43	446.16	-191.36	1,079.27	1,050.08	29.18	36.982	
5,700.00	5,601.65	5,940.37	5,819.37	15.79	17.22	-153.50	454.59	-171.72	1,076.71	1,046.94	29.77	36.167	
5,800.00	5,699.71	6,040.33	5,917.01	16.11	17.55	-153.56	463.03	-152.07	1,074.16	1,043.80	30.36	35.381	
5,900.00	5,797.77	6,140.29	6,014.66	16.43	17.89	-153.63	471.47	-132.43	1,071.61	1,040.65	30.95	34.622	
6,000.00	5,895.83	6,240.25	6,112.30	16.74	18.23	-153.70	479.91	-112.79	1,069.05	1,037.51	31.55	33.889	
6,100.00	5,993.89	6,340.21	6,209.95	17.06	18.56	-153.77	488.35	-93.14	1,066.51	1,034.36	32.14	33.180	
6,200.00	6,091.95	6,440.16	6,307.60	17.39	18.90	-153.84	496.79	-73.50	1,063.96	1,031.22	32.74	32.496	
6,300.00	6,190.02	6,540.12	6,405.24	17.71	19.24	-153.91	505.23	-53.85	1,061.41	1,028.07	33.34	31.834	
6,400.00	6,288.39	6,156.02	7,291.21	17.99	32.05	-172.54	588.78	1,001.64	1,001.11	971.11	30.01	33.362	
6,500.00	6,387.80	8,156.80	7,291.21	18.17	32.06	174.25	588.79	1,002.42	901.53	871.24	30.29	29.768	
6,600.00	6,486.12	8,141.94	7,291.24	18.29	31.87	178.58	588.67	987.56	803.13	772.66	30.48	26.352	
6,700.00	6,580.94	8,111.81	7,291.31	18.34	31.48	-179.03	588.44	957.44	708.40	677.80	30.59	23.156	
6,800.00	6,669.91	8,067.16	7,291.41	18.34	30.92	-177.52	588.09	912.79	619.68	589.02	30.66	20.214	
6,900.00	6,750.85	8,009.08	7,291.54	18.32	30.19	-176.27	587.64	854.71	539.20	508.51	30.69	17.572	
7,000.00	6,821.76	7,939.00	7,291.70	18.29	29.33	-175.05	587.09	784.63	468.98	438.25	30.73	15.264	
7,100.00	6,880.90	7,858.65	7,291.88	18.28	28.37	-173.81	586.47	704.28	410.75	379.95	30.80	13.337	
7,200.00	6,926.81	7,729.60	7,288.11	18.34	26.89	-171.72	585.12	575.38	364.13	332.64	31.49	11.563	
7,300.00	6,958.36	7,555.13	7,245.58	18.50	24.98	-167.35	580.17	406.81	311.29	277.83	33.46	9.304	
7,400.00	6,974.77	7,417.43	7,180.75	18.78	23.65	-161.75	573.71	285.80	252.43	217.24	35.20	7.172	
7,500.00	6,976.30	7,304.46	7,109.20	19.17	22.69	-152.71	566.95	198.84	192.00	155.30	36.71	5.231	
7,600.00	6,973.90	7,217.58	7,044.38	19.72	22.06	-133.14	560.99	141.40	129.24	90.57	38.67	3.342	
7,700.00	6,971.49	7,152.60	6,991.13	20.41	21.64	-102.70	556.18	104.51	83.62	41.32	42.30	1.977	
7,723.03	6,970.94	7,140.02	6,980.40	20.59	21.57	-95.27	555.22	98.01	81.33	38.64	42.69	1.905 CC, ES, SF	
7,800.00	6,969.09	7,103.10	6,948.21	21.20	21.36	-73.86	552.35	80.18	105.06	64.54	40.51	2.593	
7,900.00	6,966.68	7,064.59	6,913.59	22.09	21.16	-56.08	549.28	63.61	175.70	137.49	38.20	4.599	
8,000.00	6,964.27	7,033.96	6,885.38	23.07	21.01	-46.01	546.79	51.95	260.32	222.85	37.47	6.948	
8,100.00	6,961.87	7,009.14	6,862.13	24.13	20.89	-39.92	544.75	43.51	350.08	312.91	37.17	9.418	
8,200.00	6,959.46	6,988.67	6,842.72	25.25	20.81	-35.93	543.06	37.24	442.47	405.45	37.02	11.952	
8,300.00	6,957.05	6,971.54	6,826.33	26.42	20.74	-33.16	541.63	32.48	536.50	499.58	36.92	14.530	
8,400.00	6,954.65	6,950.00	6,805.54	27.65	20.65	-30.24	539.82	27.12	631.72	594.83	36.89	17.126	
8,500.00	6,952.24	6,944.53	6,800.24	28.92	20.63	-29.58	539.36	25.87	727.59	690.79	36.80	19.770	
8,600.00	6,949.83	6,933.72	6,789.72	30.23	20.60	-28.37	538.45	23.53	824.15	787.39	36.76	22.418	
8,700.00	6,947.43	6,920.94	6,777.25	31.57	20.55	-27.06	537.37	20.98	921.19	884.44	36.75	25.069	
8,800.00	6,945.02	6,901.04	6,755.78	32.94	20.48	-25.12	535.52	16.66	1,018.39	981.60	36.79	27.681	
8,900.00	6,942.62	6,876.98	6,734.31	34.34	20.40	-23.48	533.66	12.34	1,115.66	1,078.83	36.83	30.293	
9,000.00	6,940.21	6,855.01	6,712.84	35.76	20.32	-22.08	531.81	8.03	1,212.98	1,176.10	36.88	32.891	
9,100.00	6,937.80	6,833.03	6,691.37	37.21	20.25	-20.87	529.95	3.71	1,310.32	1,273.39	36.93	35.477	
9,200.00	6,935.40	6,811.05	6,669.90	38.67	20.17	-19.82	528.10	-0.61	1,407.70	1,370.71	36.99	38.052	
9,300.00	6,932.99	6,789.07	6,648.43	40.14	20.10	-18.90	526.24	-4.93	1,505.10	1,468.05	37.06	40.615	
9,400.00	6,930.58	6,767.10	6,626.96	41.64	20.02	-18.08	524.39	-9.25	1,602.52	1,565.40	37.12	43.166	
9,500.00	6,928.18	6,745.12	6,605.49	43.14	19.95	-17.35	522.53	-13.57	1,699.96	1,662.76	37.20	45.703	
9,600.00	6,925.77	6,723.14	6,584.02	44.66	19.87	-16.70	520.68	-17.89	1,797.41	1,760.14	37.27	48.227	
9,700.00	6,923.37	6,701.16	6,562.56	46.18	19.80	-16.11	518.82	-22.21	1,894.87	1,857.52	37.35	50.737	
9,800.00	6,920.96	6,679.19	6,541.09	47.72	19.72	-15.58	516.96	-26.53	1,992.33	1,954.91	37.43	53.233	
9,900.00	6,918.55	6,657.21	6,519.62	49.27	19.64	-15.09	515.11	-30.85	2,089.81	2,052.30	37.51	55.714	
10,000.00	6,916.15	6,635.23	6,498.15	50.82	19.57	-14.65	513.25	-35.16	2,187.29	2,149.70	37.60	58.180	
10,100.00	6,913.74	6,613.25	6,476.68	52.38	19.49	-14.25	511.40	-39.48	2,284.78	2,247.10	37.68	60.630	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	6,911.33	6,608.72	6,455.21	53.95	19.48	-13.87	509.54	-43.80	2,382.28	2,344.45	37.83	62.975	
10,300.00	6,908.93	6,569.30	6,433.74	55.52	19.34	-13.53	507.69	-48.12	2,479.78	2,441.91	37.87	65.484	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.78	4.76	-1,259.80	1,259.81				
100.00	100.00	102.00	102.00	3.28	3.28	-89.78	4.76	-1,259.80	1,259.81	1,252.28	7.53	167.326	
200.00	200.00	202.00	202.00	3.31	3.31	-89.78	4.76	-1,259.80	1,259.81	1,252.24	7.57	166.321	
300.00	300.00	345.84	345.80	3.35	3.38	-150.33	6.44	-1,257.61	1,258.76	1,251.08	7.69	163.756	
400.00	399.93	499.02	498.58	3.42	3.51	-150.18	12.99	-1,249.01	1,256.20	1,248.34	7.86	159.809	
500.00	499.68	651.70	650.07	3.51	3.70	-149.92	24.45	-1,233.99	1,252.45	1,244.35	8.10	154.627	
600.00	599.13	803.66	799.63	3.62	3.97	-149.58	40.69	-1,212.69	1,247.55	1,239.15	8.41	148.353	
700.00	698.15	954.72	946.69	3.76	4.34	-149.14	61.58	-1,185.29	1,241.55	1,232.75	8.81	140.994	
800.00	796.63	1,069.89	1,057.71	3.94	4.69	-148.78	80.16	-1,160.92	1,235.47	1,226.24	9.23	133.852	
900.00	894.70	1,169.55	1,153.69	4.15	5.03	-148.46	96.43	-1,139.58	1,231.14	1,221.46	9.69	127.103	
1,000.00	992.76	1,269.22	1,249.67	4.40	5.40	-148.13	112.70	-1,118.24	1,226.89	1,216.70	10.19	120.450	
1,100.00	1,090.82	1,368.88	1,345.66	4.66	5.79	-147.81	128.98	-1,096.90	1,222.68	1,211.96	10.72	114.045	
1,200.00	1,188.88	1,468.55	1,441.64	4.95	6.19	-147.48	145.25	-1,075.56	1,218.50	1,207.22	11.29	107.968	
1,300.00	1,286.94	1,568.22	1,537.63	5.25	6.61	-147.15	161.52	-1,054.23	1,214.37	1,202.49	11.88	102.225	
1,400.00	1,385.00	1,667.88	1,633.61	5.56	7.04	-146.81	177.79	-1,032.89	1,210.28	1,197.79	12.50	96.856	
1,500.00	1,483.07	1,767.55	1,729.60	5.89	7.48	-146.48	194.07	-1,011.55	1,206.23	1,193.10	13.13	91.853	
1,600.00	1,581.13	1,867.21	1,825.58	6.23	7.79	-146.14	210.34	-990.21	1,202.22	1,188.72	13.50	89.058	
1,700.00	1,679.19	1,966.88	1,921.57	6.57	7.92	-145.80	226.61	-968.87	1,198.26	1,184.37	13.89	86.268	
1,800.00	1,777.25	2,066.54	2,017.55	6.92	8.00	-145.45	242.88	-947.53	1,194.34	1,180.09	14.25	83.812	
1,900.00	1,875.31	2,166.21	2,113.54	7.11	8.10	-145.11	259.15	-926.19	1,190.46	1,176.17	14.28	83.341	
2,000.00	1,973.37	2,265.87	2,209.52	7.16	8.22	-144.76	275.43	-904.85	1,186.62	1,172.20	14.42	82.293	
2,100.00	2,071.43	2,365.54	2,305.51	7.22	8.36	-144.41	291.70	-883.51	1,182.83	1,168.24	14.59	81.071	
2,200.00	2,169.50	2,465.20	2,401.49	7.30	8.51	-144.06	307.97	-862.17	1,179.08	1,164.29	14.79	79.697	
2,300.00	2,267.56	2,564.87	2,497.48	7.39	8.68	-143.71	324.24	-840.83	1,175.38	1,160.35	15.03	78.192	
2,400.00	2,365.62	2,664.54	2,593.46	7.50	8.87	-143.35	340.51	-819.49	1,171.72	1,156.42	15.30	76.579	
2,500.00	2,463.68	2,764.20	2,689.45	7.63	9.07	-142.99	356.79	-798.15	1,168.11	1,152.51	15.60	74.881	
2,600.00	2,561.74	2,863.87	2,785.43	7.77	9.29	-142.63	373.06	-776.82	1,164.55	1,148.62	15.93	73.119	
2,700.00	2,659.80	2,963.53	2,881.41	7.92	9.52	-142.27	389.33	-755.48	1,161.03	1,144.75	16.28	71.314	
2,800.00	2,757.86	3,063.20	2,977.40	8.08	9.76	-141.90	405.60	-734.14	1,157.56	1,140.90	16.66	69.484	
2,900.00	2,855.93	3,162.86	3,073.38	8.26	10.01	-141.54	421.87	-712.80	1,154.13	1,137.07	17.06	67.644	
3,000.00	2,953.99	3,262.53	3,169.37	8.45	10.27	-141.17	438.15	-691.46	1,150.76	1,133.27	17.49	65.809	
3,100.00	3,052.05	3,362.19	3,265.35	8.64	10.54	-140.80	454.42	-670.12	1,147.43	1,129.50	17.93	63.989	
3,200.00	3,150.11	3,461.86	3,361.34	8.85	10.82	-140.42	470.69	-648.78	1,144.15	1,125.75	18.40	62.196	
3,300.00	3,248.17	3,561.52	3,457.32	9.07	11.11	-140.05	486.96	-627.44	1,140.92	1,122.04	18.88	60.436	
3,400.00	3,346.23	3,661.19	3,553.31	9.29	11.41	-139.67	503.24	-606.10	1,137.74	1,118.36	19.38	58.717	
3,500.00	3,444.29	3,760.86	3,649.29	9.52	11.71	-139.29	519.51	-584.76	1,134.61	1,114.72	19.89	57.041	
3,600.00	3,542.36	3,860.52	3,745.28	9.76	12.02	-138.91	535.78	-563.42	1,131.53	1,111.11	20.42	55.413	
3,700.00	3,640.42	3,960.19	3,841.26	10.01	12.33	-138.52	552.05	-542.08	1,128.50	1,107.53	20.96	53.835	
3,800.00	3,738.48	4,059.85	3,937.25	10.26	12.65	-138.14	568.32	-520.74	1,125.52	1,104.00	21.52	52.309	
3,900.00	3,836.54	4,159.52	4,033.23	10.52	12.98	-137.75	584.60	-499.40	1,122.59	1,100.51	22.08	50.835	
4,000.00	3,934.60	4,259.18	4,129.22	10.78	13.31	-137.36	600.87	-478.07	1,119.72	1,097.06	22.66	49.413	
4,100.00	4,032.66	4,358.85	4,225.20	11.05	13.64	-136.97	617.14	-456.73	1,116.89	1,093.65	23.25	48.043	
4,200.00	4,130.73	4,458.51	4,321.19	11.32	13.98	-136.57	633.41	-435.39	1,114.12	1,090.28	23.84	46.724	
4,300.00	4,228.79	4,558.18	4,417.17	11.60	14.32	-136.18	649.68	-414.05	1,111.41	1,086.96	24.45	45.455	
4,400.00	4,326.85	4,657.85	4,513.15	11.88	14.67	-135.78	665.96	-392.71	1,108.75	1,083.68	25.06	44.235	
4,500.00	4,424.91	4,757.51	4,609.14	12.16	15.02	-135.38	682.23	-371.37	1,106.14	1,080.45	25.69	43.062	
4,600.00	4,522.97	4,857.18	4,705.12	12.45	15.37	-134.98	698.50	-350.03	1,103.58	1,077.27	26.32	41.935	
4,700.00	4,621.03	4,956.84	4,801.11	12.74	15.73	-134.58	714.77	-328.69	1,101.08	1,074.13	26.95	40.851	
4,800.00	4,719.09	5,056.51	4,897.09	13.04	16.08	-134.17	731.04	-307.35	1,098.64	1,071.04	27.60	39.811	
4,900.00	4,817.16	5,156.17	4,993.08	13.33	16.44	-133.76	747.32	-286.01	1,096.25	1,068.00	28.25	38.811	
5,000.00	4,915.22	5,255.84	5,089.06	13.63	16.80	-133.36	763.59	-264.67	1,093.92	1,065.01	28.90	37.850	
5,100.00	5,013.28	5,355.50	5,185.05	13.94	17.17	-132.95	779.86	-243.33	1,091.64	1,062.08	29.56	36.927	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,111.34	5,455.17	5,281.03	14.24	17.54	-132.53	796.13	-221.99	1,089.42	1,059.19	30.23	36.040	
5,300.00	5,209.40	5,554.83	5,377.02	14.55	17.90	-132.12	812.41	-200.66	1,087.25	1,056.35	30.90	35.187	
5,400.00	5,307.46	5,654.50	5,473.00	14.86	18.27	-131.70	828.68	-179.32	1,085.15	1,053.57	31.58	34.367	
5,500.00	5,405.52	5,754.17	5,568.99	15.17	18.65	-131.29	844.95	-157.98	1,083.10	1,050.84	32.26	33.578	
5,600.00	5,503.59	5,853.83	5,664.97	15.48	19.02	-130.87	861.22	-136.64	1,081.11	1,048.17	32.94	32.820	
5,700.00	5,601.65	5,953.50	5,760.96	15.79	19.39	-130.45	877.49	-115.30	1,079.17	1,045.55	33.63	32.090	
5,800.00	5,699.71	6,053.16	5,856.94	16.11	19.77	-130.03	893.77	-93.96	1,077.30	1,042.98	34.32	31.387	
5,900.00	5,797.77	6,152.83	5,952.92	16.43	20.15	-129.60	910.04	-72.62	1,075.49	1,040.47	35.02	30.711	
6,000.00	5,895.83	6,252.49	6,048.91	16.74	20.53	-129.18	926.31	-51.28	1,073.73	1,038.01	35.72	30.060	
6,100.00	5,993.89	6,352.16	6,144.89	17.06	20.91	-128.75	942.58	-29.94	1,072.03	1,035.61	36.42	29.432	
6,200.00	6,091.95	6,451.82	6,240.88	17.39	21.29	-128.33	958.85	-8.60	1,070.40	1,033.26	37.13	28.827	
6,300.00	6,190.02	6,551.49	6,336.86	17.71	21.67	-127.90	975.13	12.74	1,068.82	1,030.98	37.84	28.244	
6,400.00	6,288.39	8,006.52	7,108.30	17.99	33.41	-51.08	1,109.83	999.09	983.02	947.51	35.51	27.685	
6,500.00	6,387.80	8,007.26	7,108.30	18.17	33.42	41.38	1,109.83	999.83	896.09	859.30	36.79	24.359	
6,600.00	6,486.12	8,007.64	7,108.34	18.29	33.43	83.93	1,109.77	984.93	812.98	774.73	38.24	21.257	
6,700.00	6,580.94	7,962.19	7,108.41	18.34	32.87	99.84	1,109.63	954.76	736.44	696.96	39.48	18.655	
6,800.00	6,669.91	7,917.50	7,108.51	18.34	32.32	107.23	1,109.43	910.07	668.90	628.11	40.79	16.399	
6,900.00	6,750.85	7,859.38	7,108.64	18.32	31.63	110.33	1,109.18	851.95	612.24	570.27	41.97	14.588	
7,000.00	6,821.76	7,789.27	7,108.81	18.29	30.81	110.86	1,108.87	781.84	567.39	524.50	42.89	13.229	
7,100.00	6,880.90	7,708.89	7,109.00	18.28	29.89	109.86	1,108.51	701.46	534.22	490.75	43.47	12.288	
7,200.00	6,926.81	7,564.92	7,094.17	18.34	28.31	104.48	1,105.33	558.60	506.88	462.71	44.17	11.476	
7,300.00	6,958.36	7,442.63	7,057.00	18.50	27.03	98.83	1,098.51	442.49	481.66	437.12	44.55	10.813	
7,400.00	6,974.77	7,337.59	7,008.08	18.78	26.03	93.09	1,089.82	350.08	461.33	416.75	44.58	10.349	
7,500.00	6,976.30	7,244.89	6,952.98	19.17	25.22	86.88	1,080.18	276.27	447.48	403.11	44.37	10.085	
7,600.00	6,973.90	7,168.55	6,900.04	19.72	24.63	80.11	1,071.01	222.10	441.64	397.51	44.13	10.008 SF	
7,603.85	6,973.81	7,165.94	6,898.12	19.75	24.61	79.87	1,070.67	220.37	441.63	397.51	44.12	10.009 CC, ES	
7,700.00	6,971.49	7,107.72	6,853.51	20.41	24.20	74.13	1,062.98	183.78	447.74	403.86	43.88	10.204	
7,800.00	6,969.09	7,058.94	6,813.73	21.20	23.88	69.08	1,056.15	156.42	468.18	424.56	43.62	10.733	
7,900.00	6,966.68	7,019.38	6,780.02	22.09	23.64	64.93	1,050.38	136.55	503.05	459.67	43.38	11.596	
8,000.00	6,964.27	6,986.89	6,751.46	23.07	23.46	61.53	1,045.49	121.84	550.79	507.61	43.18	12.756	
8,100.00	6,961.87	6,959.86	6,727.17	24.13	23.32	58.74	1,041.35	110.75	609.08	566.07	43.02	14.159	
8,200.00	6,959.46	6,937.10	6,706.36	25.25	23.20	56.43	1,037.80	102.22	675.68	632.79	42.90	15.752	
8,300.00	6,957.05	6,917.71	6,688.42	26.42	23.11	54.49	1,034.75	95.56	748.67	705.88	42.80	17.493	
8,400.00	6,954.65	6,900.00	6,671.85	27.65	23.03	52.76	1,031.90	89.97	826.57	783.85	42.71	19.351	
8,500.00	6,952.24	6,886.55	6,659.18	28.92	22.97	51.47	1,029.78	86.03	908.23	865.59	42.65	21.296	
8,600.00	6,949.83	6,873.87	6,647.15	30.23	22.92	50.28	1,027.73	82.56	992.85	950.26	42.59	23.313	
8,700.00	6,947.43	6,850.00	6,624.34	31.57	22.82	48.09	1,023.86	76.71	1,079.96	1,037.42	42.54	25.387	
8,800.00	6,945.02	6,850.00	6,624.34	32.94	22.82	48.09	1,023.86	76.71	1,168.56	1,126.07	42.49	27.503	
8,900.00	6,942.62	6,841.47	6,616.14	34.34	22.79	47.32	1,022.47	74.83	1,258.83	1,216.38	42.45	29.658	
9,000.00	6,940.21	6,824.62	6,599.91	35.76	22.72	45.85	1,019.72	71.22	1,350.24	1,307.83	42.42	31.831	
9,100.00	6,937.80	6,800.93	6,577.10	37.21	22.63	43.86	1,015.85	66.15	1,442.43	1,400.02	42.41	34.013	
9,200.00	6,935.40	6,777.25	6,554.28	38.67	22.54	41.98	1,011.99	61.07	1,535.22	1,492.82	42.41	36.203	
9,300.00	6,932.99	6,753.56	6,531.47	40.14	22.45	40.18	1,008.12	56.00	1,628.53	1,586.12	42.41	38.400	
9,400.00	6,930.58	6,729.88	6,508.66	41.64	22.36	38.47	1,004.25	50.93	1,722.26	1,679.84	42.42	40.601	
9,500.00	6,928.18	6,706.19	6,485.85	43.14	22.27	36.86	1,000.38	45.86	1,816.35	1,773.91	42.43	42.804	
9,600.00	6,925.77	6,682.51	6,463.04	44.66	22.17	35.32	996.52	40.79	1,910.74	1,868.29	42.45	45.007	
9,700.00	6,923.37	6,658.82	6,440.23	46.18	22.08	33.86	992.65	35.72	2,005.40	1,962.93	42.48	47.209	
9,800.00	6,920.96	6,635.14	6,417.42	47.72	21.99	32.48	988.78	30.65	2,100.29	2,057.78	42.51	49.409	
9,900.00	6,918.55	6,611.45	6,394.61	49.27	21.90	31.16	984.92	25.58	2,195.38	2,152.84	42.54	51.606	
10,000.00	6,916.15	6,587.77	6,371.80	50.82	21.81	29.91	981.05	20.50	2,290.64	2,248.06	42.58	53.798	
10,100.00	6,913.74	6,564.08	6,348.99	52.38	21.72	28.73	977.18	15.43	2,386.05	2,343.43	42.62	55.986	
10,200.00	6,911.33	6,540.39	6,326.18	53.95	21.63	27.60	973.32	10.36	2,481.60	2,438.94	42.66	58.168	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.78	4.77	-1,239.76	1,239.77				
100.00	100.00	102.00	102.00	3.28	3.28	-89.78	4.77	-1,239.76	1,239.77	1,232.24	7.53	164.664	
200.00	200.00	202.00	202.00	3.31	3.31	-89.78	4.77	-1,239.76	1,239.77	1,232.19	7.57	163.675	
300.00	300.00	325.19	325.18	3.35	3.36	-150.38	5.19	-1,239.15	1,239.75	1,232.08	7.68	161.509	
400.00	399.93	480.33	480.11	3.42	3.49	-150.31	9.56	-1,232.78	1,238.69	1,230.85	7.85	157.866	
500.00	499.68	635.18	634.11	3.51	3.67	-150.15	18.66	-1,219.54	1,236.22	1,228.14	8.08	153.030	
600.00	599.13	789.53	786.52	3.62	3.91	-149.92	32.41	-1,199.54	1,232.36	1,223.99	8.38	147.132	
700.00	698.15	943.17	936.71	3.76	4.26	-149.60	50.68	-1,172.94	1,227.15	1,218.40	8.75	140.227	
800.00	796.63	1,056.59	1,046.62	3.94	4.58	-149.35	66.57	-1,149.83	1,221.81	1,212.66	9.15	133.530	
900.00	894.70	1,156.42	1,143.29	4.15	4.89	-149.13	80.67	-1,129.30	1,218.27	1,208.69	9.58	127.143	
1,000.00	992.76	1,256.25	1,239.96	4.40	5.23	-148.91	94.78	-1,108.77	1,214.78	1,204.72	10.06	120.811	
1,100.00	1,090.82	1,356.08	1,336.63	4.66	5.59	-148.69	108.89	-1,088.24	1,211.30	1,200.74	10.57	114.644	
1,200.00	1,188.88	1,455.91	1,433.30	4.95	5.97	-148.47	123.00	-1,067.71	1,207.85	1,196.75	11.10	108.852	
1,300.00	1,286.94	1,555.74	1,529.97	5.25	6.36	-148.24	137.11	-1,047.18	1,204.41	1,192.75	11.66	103.293	
1,400.00	1,385.00	1,655.57	1,626.64	5.56	6.76	-148.02	151.22	-1,026.65	1,200.99	1,188.75	12.24	98.085	
1,500.00	1,483.07	1,755.40	1,723.31	5.89	7.17	-147.79	165.33	-1,006.12	1,197.60	1,184.75	12.85	93.216	
1,600.00	1,581.13	1,855.23	1,819.99	6.23	7.49	-147.56	179.43	-985.59	1,194.22	1,181.01	13.21	90.422	
1,700.00	1,679.19	1,955.06	1,916.66	6.57	7.62	-147.34	193.54	-965.06	1,190.85	1,177.26	13.60	87.575	
1,800.00	1,777.25	2,054.89	2,013.33	6.92	7.70	-147.11	207.65	-944.53	1,187.51	1,173.57	13.94	85.179	
1,900.00	1,875.31	2,154.72	2,110.00	7.11	7.79	-146.87	221.76	-923.99	1,184.19	1,170.23	13.96	84.840	
2,000.00	1,973.37	2,254.55	2,206.67	7.16	7.89	-146.64	235.87	-903.46	1,180.89	1,166.81	14.08	83.899	
2,100.00	2,071.43	2,354.38	2,303.34	7.22	8.02	-146.41	249.98	-882.93	1,177.60	1,163.38	14.23	82.775	
2,200.00	2,169.50	2,454.21	2,400.02	7.30	8.17	-146.17	264.09	-862.40	1,174.34	1,159.93	14.41	81.488	
2,300.00	2,267.56	2,554.04	2,496.69	7.39	8.33	-145.93	278.20	-841.87	1,171.09	1,156.47	14.63	80.060	
2,400.00	2,365.62	2,653.87	2,593.36	7.50	8.50	-145.70	292.30	-821.34	1,167.87	1,153.00	14.87	78.513	
2,500.00	2,463.68	2,753.70	2,690.03	7.63	8.69	-145.46	306.41	-800.81	1,164.67	1,149.52	15.15	76.869	
2,600.00	2,561.74	2,853.52	2,786.70	7.77	8.89	-145.22	320.52	-780.28	1,161.48	1,146.03	15.46	75.151	
2,700.00	2,659.80	2,953.35	2,883.37	7.92	9.11	-144.97	334.63	-759.75	1,158.32	1,142.54	15.79	73.378	
2,800.00	2,757.86	3,053.18	2,980.04	8.08	9.34	-144.73	348.74	-739.22	1,155.18	1,139.04	16.14	71.571	
2,900.00	2,855.93	3,153.01	3,076.72	8.26	9.57	-144.49	362.85	-718.69	1,152.06	1,135.54	16.52	69.745	
3,000.00	2,953.99	3,252.84	3,173.39	8.45	9.82	-144.24	376.96	-698.16	1,148.96	1,132.04	16.92	67.916	
3,100.00	3,052.05	3,352.67	3,270.06	8.64	10.08	-143.99	391.07	-677.63	1,145.88	1,128.55	17.34	66.096	
3,200.00	3,150.11	3,452.50	3,366.73	8.85	10.35	-143.74	405.17	-657.10	1,142.83	1,125.05	17.77	64.295	
3,300.00	3,248.17	3,552.33	3,463.40	9.07	10.62	-143.49	419.28	-636.57	1,139.79	1,121.56	18.23	62.522	
3,400.00	3,346.23	3,652.16	3,560.07	9.29	10.90	-143.24	433.39	-616.04	1,136.78	1,118.08	18.70	60.785	
3,500.00	3,444.29	3,751.99	3,656.75	9.52	11.19	-142.99	447.50	-595.51	1,133.79	1,114.60	19.19	59.087	
3,600.00	3,542.36	3,851.82	3,753.42	9.76	11.48	-142.73	461.61	-574.98	1,130.82	1,111.13	19.69	57.434	
3,700.00	3,640.42	3,951.65	3,850.09	10.01	11.78	-142.48	475.72	-554.45	1,127.87	1,107.67	20.20	55.828	
3,800.00	3,738.48	4,051.48	3,946.76	10.26	12.09	-142.22	489.83	-533.92	1,124.95	1,104.22	20.73	54.271	
3,900.00	3,836.54	4,151.31	4,043.43	10.52	12.40	-141.96	503.94	-513.38	1,122.05	1,100.78	21.27	52.765	
4,000.00	3,934.60	4,251.14	4,140.10	10.78	12.72	-141.71	518.04	-492.85	1,119.17	1,097.36	21.81	51.309	
4,100.00	4,032.66	4,350.97	4,236.77	11.05	13.04	-141.44	532.15	-472.32	1,116.32	1,093.95	22.37	49.904	
4,200.00	4,130.73	4,450.80	4,333.45	11.32	13.36	-141.18	546.26	-451.79	1,113.48	1,090.55	22.94	48.548	
4,300.00	4,228.79	4,550.63	4,430.12	11.60	13.69	-140.92	560.37	-431.26	1,110.68	1,087.16	23.51	47.242	
4,400.00	4,326.85	4,650.46	4,526.79	11.88	14.02	-140.65	574.48	-410.73	1,107.89	1,083.80	24.09	45.984	
4,500.00	4,424.91	4,750.29	4,623.46	12.16	14.35	-140.39	588.59	-390.20	1,105.13	1,080.45	24.68	44.773	
4,600.00	4,522.97	4,850.12	4,720.13	12.45	14.69	-140.12	602.70	-369.67	1,102.39	1,077.11	25.28	43.608	
4,700.00	4,621.03	4,949.95	4,816.80	12.74	15.03	-139.85	616.80	-349.14	1,099.68	1,073.80	25.88	42.486	
4,800.00	4,719.09	5,049.78	4,913.48	13.04	15.37	-139.58	630.91	-328.61	1,096.99	1,070.50	26.49	41.407	
4,900.00	4,817.16	5,149.60	5,010.15	13.33	15.72	-139.31	645.02	-308.08	1,094.33	1,067.22	27.11	40.368	
5,000.00	4,915.22	5,249.43	5,106.82	13.63	16.06	-139.04	659.13	-287.55	1,091.69	1,063.96	27.73	39.369	
5,100.00	5,013.28	5,349.26	5,203.49	13.94	16.41	-138.77	673.24	-267.02	1,089.07	1,060.72	28.36	38.408	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,111.34	5,449.09	5,300.16	14.24	16.76	-138.49	687.35	-246.49	1,086.48	1,057.50	28.99	37.482		
5,300.00	5,209.40	5,548.92	5,396.83	14.55	17.12	-138.21	701.46	-225.96	1,083.92	1,054.30	29.62	36.591		
5,400.00	5,307.46	5,648.75	5,493.50	14.86	17.47	-137.94	715.57	-205.43	1,081.38	1,051.12	30.26	35.734		
5,500.00	5,405.52	5,748.58	5,590.18	15.17	17.83	-137.66	729.67	-184.90	1,078.87	1,047.96	30.91	34.907		
5,600.00	5,503.59	5,848.41	5,686.85	15.48	18.19	-137.38	743.78	-164.37	1,076.38	1,044.83	31.55	34.112		
5,700.00	5,601.65	5,948.24	5,783.52	15.79	18.54	-137.09	757.89	-143.84	1,073.92	1,041.71	32.21	33.345		
5,800.00	5,699.71	6,048.07	5,880.19	16.11	18.91	-136.81	772.00	-123.31	1,071.49	1,038.62	32.86	32.605		
5,900.00	5,797.77	6,147.90	5,976.86	16.43	19.27	-136.53	786.11	-102.78	1,069.08	1,035.56	33.52	31.892		
6,000.00	5,895.83	6,247.73	6,073.53	16.74	19.63	-136.24	800.22	-82.24	1,066.69	1,032.51	34.18	31.204		
6,100.00	5,993.89	6,347.56	6,170.21	17.06	20.00	-135.96	814.33	-61.71	1,064.34	1,029.49	34.85	30.541		
6,200.00	6,091.95	6,447.39	6,266.88	17.39	20.36	-135.67	828.44	-41.18	1,062.01	1,026.49	35.52	29.900		
6,300.00	6,190.02	6,547.22	6,363.55	17.71	20.73	-135.38	842.54	-20.65	1,059.71	1,023.52	36.19	29.282		
6,400.00	6,288.39	8,107.06	7,187.78	17.99	33.21	-54.95	935.43	1,014.83	971.14	938.87	32.26	30.101		
6,500.00	6,387.80	8,106.82	7,187.78	18.17	33.21	49.29	935.42	1,015.08	875.99	843.00	32.99	26.555		
6,600.00	6,486.12	8,077.81	7,187.84	18.29	32.84	98.35	935.92	999.72	783.28	749.63	33.65	23.277		
6,700.00	6,580.94	8,047.19	7,187.95	18.34	32.46	116.64	936.91	969.11	695.72	661.28	34.45	20.197		
6,800.00	6,669.91	8,002.08	7,188.11	18.34	31.90	124.91	938.37	924.02	615.89	580.59	35.30	17.447		
6,900.00	6,750.85	7,943.58	7,188.32	18.32	31.20	128.44	940.27	865.56	546.11	509.89	36.22	15.076		
7,000.00	6,821.76	7,873.15	7,188.57	18.29	30.36	129.28	942.55	795.16	488.24	451.08	37.16	13.139		
7,100.00	6,880.90	7,807.50	7,188.86	18.28	29.60	128.47	945.16	714.56	443.36	405.22	38.14	11.626		
7,200.00	6,926.81	7,658.05	7,182.23	18.34	27.94	124.08	948.42	580.48	408.80	369.40	39.40	10.375		
7,300.00	6,958.36	7,511.19	7,144.68	18.50	26.39	116.77	947.19	438.84	373.15	332.03	41.11	9.076		
7,400.00	6,974.77	7,389.12	7,089.75	18.78	25.22	108.82	942.27	330.15	339.74	297.38	42.36	8.020		
7,500.00	6,976.30	7,284.63	7,027.20	19.17	24.33	99.61	935.37	246.89	312.62	269.51	43.11	7.252		
7,600.00	6,973.90	7,200.98	6,967.97	19.72	23.69	88.60	928.19	188.34	294.23	250.70	43.52	6.760		
7,660.39	6,972.44	7,159.89	6,936.23	20.13	23.41	82.44	924.16	162.56	290.62	247.04	43.59	6.668	CC, ES, SF	
7,700.00	6,971.49	7,136.13	6,917.15	20.41	23.25	78.72	921.69	148.62	292.31	248.81	43.50	6.719		
7,800.00	6,969.09	7,085.35	6,874.75	21.20	22.94	70.58	916.09	121.28	312.23	269.20	43.04	7.255		
7,900.00	6,966.68	7,045.00	6,839.61	22.09	22.71	64.14	911.33	102.04	353.19	310.80	42.39	8.331		
8,000.00	6,964.27	7,012.40	6,810.39	23.07	22.54	59.10	907.31	88.15	410.58	368.74	41.84	9.814		
8,100.00	6,961.87	6,985.64	6,785.92	24.13	22.41	55.14	903.90	77.90	479.47	438.03	41.43	11.573		
8,200.00	6,959.46	6,963.37	6,765.23	25.25	22.30	51.98	900.99	70.16	556.15	515.01	41.14	13.518		
8,300.00	6,957.05	6,950.00	6,752.70	26.42	22.24	50.16	899.21	65.87	638.23	597.30	40.93	15.594		
8,400.00	6,954.65	6,928.53	6,732.39	27.65	22.15	47.35	896.32	59.53	723.96	683.18	40.78	17.754		
8,500.00	6,952.24	6,914.69	6,719.20	28.92	22.09	45.62	894.42	55.82	812.44	771.78	40.66	19.984		
8,600.00	6,949.83	6,900.00	6,705.11	30.23	22.03	43.84	892.38	52.19	902.93	862.37	40.56	22.261		
8,700.00	6,947.43	6,892.07	6,697.47	31.57	22.00	42.92	891.27	50.37	994.93	954.45	40.48	24.581		
8,800.00	6,945.02	6,886.47	6,692.07	32.94	21.98	42.27	890.49	49.12	1,088.11	1,047.71	40.40	26.934		
8,900.00	6,942.62	6,863.62	6,669.94	34.34	21.90	39.76	887.26	44.42	1,182.18	1,141.80	40.38	29.276		
9,000.00	6,940.21	6,840.76	6,647.80	35.76	21.81	37.43	884.03	39.72	1,276.73	1,236.36	40.37	31.623		
9,100.00	6,937.80	6,817.90	6,625.67	37.21	21.73	35.27	880.80	35.01	1,371.68	1,331.31	40.38	33.973		
9,200.00	6,935.40	6,804.96	6,603.53	38.67	21.68	33.27	877.57	30.31	1,466.95	1,426.53	40.42	36.293		
9,300.00	6,932.99	6,772.19	6,581.40	40.14	21.56	31.41	874.34	25.61	1,562.47	1,522.07	40.41	38.669		
9,400.00	6,930.58	6,749.33	6,559.26	41.64	21.47	29.69	871.11	20.91	1,658.21	1,617.78	40.43	41.013		
9,500.00	6,928.18	6,726.47	6,537.13	43.14	21.39	28.09	867.88	16.21	1,754.12	1,713.66	40.46	43.353		
9,600.00	6,925.77	6,703.61	6,514.99	44.66	21.30	26.60	864.65	11.51	1,850.18	1,809.69	40.50	45.687		
9,700.00	6,923.37	6,680.75	6,492.86	46.18	21.22	25.22	861.42	6.81	1,946.38	1,905.84	40.54	48.015		
9,800.00	6,920.96	6,657.90	6,470.72	47.72	21.14	23.93	858.19	2.11	2,042.68	2,002.10	40.58	50.335		
9,900.00	6,918.55	6,635.04	6,448.59	49.27	21.05	22.72	854.96	-2.59	2,139.07	2,098.44	40.63	52.647		
10,000.00	6,916.15	6,612.18	6,426.45	50.82	20.97	21.60	851.72	-7.29	2,235.55	2,194.87	40.68	54.951		
10,100.00	6,913.74	6,589.32	6,404.32	52.38	20.88	20.54	848.49	-11.99	2,332.11	2,291.37	40.74	57.246		
10,200.00	6,911.33	6,566.46	6,382.19	53.95	20.80	19.56	845.26	-16.70	2,428.72	2,387.92	40.80	59.530		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.00	0.00	19.77	19.77				
100.00	100.00	101.00	101.00	3.28	3.28	90.00	0.00	19.77	19.77	12.24	7.53	2.625	
200.00	200.00	201.00	201.00	3.31	3.31	90.00	0.00	19.77	19.77	12.19	7.57	2.610	
300.00	300.00	300.72	300.72	3.35	3.35	29.24	0.27	20.13	19.75	12.09	7.66	2.578	
400.00	399.93	400.16	400.10	3.42	3.42	28.16	2.34	22.93	19.53	11.75	7.79	2.509	
500.00	499.68	499.61	499.29	3.51	3.51	25.98	6.46	28.50	19.09	11.14	7.95	2.403	
600.00	599.13	599.04	598.18	3.62	3.62	22.54	12.63	36.84	18.46	10.32	8.14	2.268	
700.00	698.15	698.47	696.64	3.76	3.76	17.64	20.84	47.93	17.74	9.37	8.37	2.119	
800.00	796.63	797.88	794.55	3.94	3.93	11.00	31.07	61.75	17.02	8.39	8.63	1.972	
821.15	817.39	818.91	815.18	3.98	3.98	9.32	33.49	65.03	16.95	8.26	8.69	1.950 CC	
900.00	894.70	902.46	892.12	4.15	4.16	2.44	43.13	78.06	17.37	8.42	8.95	1.940	
1,000.00	992.76	1,002.49	989.89	4.40	4.41	-5.67	55.52	94.80	18.57	9.22	9.34	1.987	
1,100.00	1,090.82	1,102.53	1,087.65	4.66	4.68	-12.68	67.92	111.55	20.08	10.30	9.78	2.053	
1,200.00	1,188.88	1,202.57	1,185.42	4.95	4.98	-18.64	80.31	128.30	21.86	11.58	10.28	2.127	
1,300.00	1,286.94	1,297.39	1,283.19	5.25	5.27	-23.65	92.70	145.05	23.83	13.03	10.80	2.207	
1,400.00	1,385.00	1,402.65	1,380.95	5.56	5.61	-27.88	105.09	161.79	25.96	14.57	11.39	2.280	
1,500.00	1,483.07	1,502.69	1,478.72	5.89	5.95	-31.44	117.49	178.54	28.21	16.21	11.99	2.352	
1,600.00	1,581.13	1,602.73	1,576.48	6.23	6.30	-34.47	129.88	195.29	30.55	17.92	12.63	2.419	
1,700.00	1,679.19	1,697.23	1,674.25	6.57	6.63	-37.07	142.27	212.04	32.96	19.69	13.27	2.484	
1,800.00	1,777.25	1,802.81	1,772.01	6.92	7.01	-39.30	154.67	228.79	35.43	21.48	13.95	2.539	
1,900.00	1,875.31	1,902.85	1,869.78	7.11	7.21	-41.24	167.06	245.53	37.95	23.99	13.96	2.719	
2,000.00	1,973.37	1,997.11	1,967.54	7.16	7.26	-42.94	179.45	262.28	40.51	26.44	14.07	2.879	
2,100.00	2,071.43	2,102.93	2,065.31	7.22	7.33	-44.44	191.84	279.03	43.09	28.88	14.21	3.032	
2,200.00	2,169.50	2,202.97	2,163.07	7.30	7.41	-45.76	204.24	295.78	45.71	31.32	14.39	3.176	
2,300.00	2,267.56	2,303.01	2,260.84	7.39	7.51	-46.94	216.63	312.52	48.34	33.75	14.60	3.312	
2,400.00	2,365.62	2,403.05	2,358.60	7.50	7.62	-48.00	229.02	329.27	51.00	36.16	14.83	3.438	
2,500.00	2,463.68	2,503.09	2,456.37	7.63	7.76	-48.96	241.41	346.02	53.67	38.57	15.10	3.555	
2,600.00	2,561.74	2,603.13	2,554.13	7.77	7.90	-49.82	253.81	362.77	56.35	40.96	15.39	3.662	
2,700.00	2,659.80	2,703.16	2,651.90	7.92	8.06	-50.60	266.20	379.51	59.05	43.34	15.71	3.759	
2,800.00	2,757.86	2,803.20	2,749.66	8.08	8.23	-51.32	278.59	396.26	61.75	45.70	16.05	3.847	
2,900.00	2,855.93	2,903.24	2,847.43	8.26	8.41	-51.98	290.98	413.01	64.46	48.05	16.42	3.927	
3,000.00	2,953.99	3,003.28	2,945.20	8.45	8.61	-52.58	303.38	429.76	67.18	50.38	16.80	3.998	
3,100.00	3,052.05	3,103.32	3,042.96	8.64	8.81	-53.13	315.77	446.50	69.91	52.70	17.21	4.062	
3,200.00	3,150.11	3,203.36	3,140.73	8.85	9.03	-53.65	328.16	463.25	72.65	55.01	17.64	4.119	
3,300.00	3,248.17	3,303.40	3,238.49	9.07	9.25	-54.12	340.56	480.00	75.39	57.30	18.08	4.169	
3,400.00	3,346.23	3,403.44	3,336.26	9.29	9.48	-54.57	352.95	496.75	78.13	59.59	18.54	4.213	
3,500.00	3,444.29	3,503.48	3,434.02	9.52	9.72	-54.98	365.34	513.50	80.88	61.86	19.02	4.252	
3,600.00	3,542.36	3,603.52	3,531.79	9.76	9.97	-55.37	377.73	530.24	83.63	64.12	19.51	4.286	
3,700.00	3,640.42	3,703.56	3,629.55	10.01	10.22	-55.73	390.13	546.99	86.39	66.38	20.01	4.316	
3,800.00	3,738.48	3,803.60	3,727.32	10.26	10.48	-56.07	402.52	563.74	89.15	68.62	20.53	4.342	
3,900.00	3,836.54	3,903.64	3,825.08	10.52	10.75	-56.39	414.91	580.49	91.91	70.86	21.06	4.365	
4,000.00	3,934.60	3,996.32	3,922.85	10.78	11.00	-56.69	427.30	597.23	94.68	73.10	21.57	4.388	
4,100.00	4,032.66	4,103.72	4,020.61	11.05	11.29	-56.97	439.70	613.98	97.45	75.30	22.14	4.401	
4,200.00	4,130.73	4,203.76	4,118.38	11.32	11.57	-57.24	452.09	630.73	100.22	77.52	22.70	4.415	
4,300.00	4,228.79	4,303.80	4,216.14	11.60	11.86	-57.49	464.48	647.48	102.99	79.73	23.26	4.427	
4,400.00	4,326.85	4,403.84	4,313.91	11.88	12.15	-57.73	476.87	664.22	105.76	81.93	23.83	4.438	
4,500.00	4,424.91	4,503.87	4,411.67	12.16	12.44	-57.96	489.27	680.97	108.54	84.12	24.41	4.446	
4,600.00	4,522.97	4,603.91	4,509.44	12.45	12.74	-58.17	501.66	697.72	111.31	86.32	25.00	4.453	
4,700.00	4,621.03	4,703.95	4,607.21	12.74	13.03	-58.38	514.05	714.47	114.09	88.50	25.59	4.458	
4,800.00	4,719.09	4,803.99	4,704.97	13.04	13.34	-58.57	526.44	731.22	116.87	90.69	26.19	4.463	
4,900.00	4,817.16	4,895.97	4,802.74	13.33	13.62	-58.76	538.84	747.96	119.65	92.89	26.77	4.470	
5,000.00	4,915.22	5,004.07	4,900.50	13.63	13.95	-58.94	551.23	764.71	122.44	95.04	27.40	4.469	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,013.28	5,095.89	4,998.27	13.94	14.23	-59.11	563.62	781.46	125.22	97.23	27.99	4.474	
5,200.00	5,111.34	5,204.15	5,096.03	14.24	14.57	-59.27	576.02	798.21	128.01	99.38	28.63	4.471	
5,300.00	5,209.40	5,304.19	5,193.80	14.55	14.89	-59.43	588.41	814.95	130.79	101.54	29.25	4.471	
5,400.00	5,307.46	5,404.23	5,291.56	14.86	15.20	-59.58	600.80	831.70	133.58	103.70	29.88	4.471	
5,500.00	5,405.52	5,504.27	5,389.33	15.17	15.52	-59.72	613.19	848.45	136.37	105.86	30.51	4.470	
5,600.00	5,503.59	5,604.31	5,487.09	15.48	15.84	-59.86	625.59	865.20	139.16	108.02	31.14	4.469	
5,700.00	5,601.65	5,704.35	5,584.86	15.79	16.16	-59.99	637.98	881.94	141.94	110.17	31.77	4.467	
5,800.00	5,699.71	5,804.39	5,682.62	16.11	16.49	-60.12	650.37	898.69	144.73	112.32	32.41	4.465	
5,900.00	5,797.77	5,904.43	5,780.39	16.43	16.81	-60.24	662.76	915.44	147.53	114.47	33.05	4.463	
6,000.00	5,895.83	6,004.47	5,878.15	16.74	17.14	-60.36	675.16	932.19	150.32	116.62	33.70	4.461	
6,100.00	5,993.89	6,104.51	5,975.92	17.06	17.47	-60.47	687.55	948.94	153.11	118.76	34.34	4.458	
6,200.00	6,091.95	6,204.55	6,073.68	17.39	17.80	-60.58	699.94	965.68	155.90	120.91	34.99	4.455	
6,300.00	6,190.02	6,304.58	6,171.45	17.71	18.13	-60.68	712.33	982.43	158.69	123.05	35.65	4.452	
6,400.00	6,288.39	6,404.68	6,269.16	17.99	18.46	-41.69	724.72	999.17	161.46	125.26	36.21	4.460	
6,500.00	6,387.80	6,493.92	6,365.59	18.17	18.75	40.00	736.94	1,015.69	164.94	128.60	36.34	4.539	
6,600.00	6,486.12	6,594.94	6,465.22	18.29	19.02	78.68	749.62	1,025.59	171.59	135.43	36.16	4.745	
6,700.00	6,580.94	6,700.41	6,569.50	18.34	19.19	94.46	763.00	1,018.89	181.12	145.24	35.88	5.048	
6,800.00	6,669.91	6,810.60	6,675.70	18.34	19.30	104.22	776.74	993.47	192.56	157.07	35.48	5.427	
6,900.00	6,750.85	6,925.76	6,780.28	18.32	19.34	111.11	790.41	947.63	204.72	169.78	34.94	5.860	
7,000.00	6,821.76	7,045.89	6,878.77	18.29	19.32	116.12	803.44	880.42	216.44	182.16	34.28	6.314	
7,100.00	6,880.90	7,170.66	6,965.92	18.28	19.27	119.65	815.15	792.18	226.60	192.94	33.66	6.731	
7,200.00	6,926.81	7,299.30	7,036.13	18.34	19.23	121.94	824.82	685.09	234.28	200.96	33.32	7.031	
7,300.00	6,958.36	7,430.60	7,084.31	18.50	19.30	123.11	831.77	563.40	238.79	205.31	33.48	7.132	
7,400.00	6,974.77	7,563.00	7,106.82	18.78	19.56	123.23	835.49	433.22	239.74	205.51	34.23	7.004	
7,500.00	6,976.30	7,678.37	7,106.41	19.17	20.01	122.79	836.18	317.91	238.48	203.34	35.14	6.786	
7,600.00	6,973.90	7,778.37	7,103.36	19.72	20.57	122.66	836.44	217.96	238.16	202.15	36.01	6.614	
7,700.00	6,971.49	7,878.37	7,100.31	20.41	21.27	122.52	836.70	118.01	237.84	200.75	37.09	6.412	
7,800.00	6,969.09	7,978.37	7,097.26	21.20	22.08	122.39	836.95	18.06	237.52	199.14	38.38	6.188	
7,900.00	6,966.68	8,078.36	7,094.21	22.09	22.98	122.25	837.21	-81.89	237.20	197.34	39.86	5.951	
8,000.00	6,964.27	8,178.36	7,091.16	23.07	23.96	122.12	837.47	-181.84	236.88	195.38	41.51	5.707	
8,100.00	6,961.87	8,278.36	7,088.11	24.13	25.01	121.98	837.72	-281.79	236.57	193.26	43.30	5.463	
8,200.00	6,959.46	8,378.36	7,085.06	25.25	26.13	121.85	837.98	-381.75	236.25	191.02	45.23	5.223	
8,300.00	6,957.05	8,478.36	7,082.01	26.42	27.30	121.71	838.24	-481.70	235.94	188.66	47.28	4.990	
8,400.00	6,954.65	8,578.35	7,078.96	27.65	28.52	121.57	838.49	-581.65	235.63	186.19	49.44	4.766	
8,500.00	6,952.24	8,678.35	7,075.91	28.92	29.78	121.43	838.75	-681.60	235.32	183.64	51.68	4.553	
8,600.00	6,949.83	8,778.35	7,072.86	30.23	31.08	121.30	839.00	-781.55	235.01	181.00	54.01	4.351	
8,700.00	6,947.43	8,878.35	7,069.81	31.57	32.41	121.16	839.26	-881.50	234.71	178.30	56.41	4.161	
8,800.00	6,945.02	8,978.35	7,066.76	32.94	33.77	121.02	839.52	-981.45	234.40	175.53	58.87	3.982	
8,900.00	6,942.62	9,078.34	7,063.71	34.34	35.16	120.88	839.77	-1,081.40	234.10	172.70	61.39	3.813	
9,000.00	6,940.21	9,178.34	7,060.66	35.76	36.57	120.74	840.03	-1,181.35	233.79	169.83	63.96	3.655	
9,100.00	6,937.80	9,278.34	7,057.61	37.21	38.00	120.60	840.29	-1,281.31	233.49	166.91	66.58	3.507	
9,200.00	6,935.40	9,378.34	7,054.56	38.67	39.45	120.46	840.54	-1,381.26	233.19	163.95	69.24	3.368	
9,300.00	6,932.99	9,478.33	7,051.51	40.14	40.92	120.32	840.80	-1,481.21	232.89	160.95	71.94	3.237	
9,400.00	6,930.58	9,578.33	7,048.46	41.64	42.40	120.18	841.06	-1,581.16	232.59	157.92	74.67	3.115	
9,500.00	6,928.18	9,678.33	7,045.41	43.14	43.89	120.04	841.31	-1,681.11	232.30	154.87	77.43	3.000	
9,600.00	6,925.77	9,778.33	7,042.36	44.66	45.40	119.90	841.57	-1,781.06	232.00	151.78	80.22	2.892	
9,700.00	6,923.37	9,878.33	7,039.31	46.18	46.92	119.75	841.83	-1,881.01	231.71	148.67	83.04	2.790	
9,800.00	6,920.96	9,978.32	7,036.26	47.72	48.45	119.61	842.08	-1,980.96	231.42	145.54	85.88	2.695	
9,900.00	6,918.55	10,078.32	7,033.21	49.27	49.98	119.47	842.34	-2,080.91	231.13	142.38	88.75	2.604	
10,000.00	6,916.15	10,178.32	7,030.16	50.82	51.53	119.33	842.59	-2,180.86	230.84	139.21	91.63	2.519	
10,100.00	6,913.74	10,278.32	7,027.11	52.38	53.08	119.18	842.85	-2,280.82	230.55	136.01	94.54	2.439	
10,200.00	6,911.33	10,378.32	7,024.06	53.95	54.64	119.04	843.11	-2,380.77	230.27	132.80	97.46	2.363	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,478.31	7,021.01	55.52	56.21	118.90	843.36	-2,480.72	229.98	129.58	100.41	2.291	
10,400.00	6,906.52	10,578.31	7,017.96	57.10	57.78	118.75	843.62	-2,580.67	229.70	126.34	103.36	2.222	
10,500.00	6,904.12	10,678.31	7,014.91	58.68	59.36	118.61	843.88	-2,680.62	229.42	123.08	106.34	2.157	
10,600.00	6,901.71	10,778.31	7,011.86	60.27	60.94	118.46	844.13	-2,780.57	229.14	119.81	109.32	2.096	
10,700.00	6,899.30	10,878.31	7,008.81	61.87	62.53	118.32	844.39	-2,880.52	228.86	116.53	112.33	2.037	
10,800.00	6,896.90	10,978.30	7,005.76	63.46	64.12	118.17	844.65	-2,980.47	228.58	113.24	115.34	1.982	
10,900.00	6,894.49	11,078.30	7,002.71	65.06	65.71	118.02	844.90	-3,080.42	228.31	109.94	118.37	1.929	
11,000.00	6,892.08	11,178.30	6,999.66	66.67	67.31	117.88	845.16	-3,180.38	228.03	106.62	121.41	1.878	
11,100.00	6,889.68	11,278.30	6,996.61	68.28	68.91	117.73	845.42	-3,280.33	227.76	103.30	124.46	1.830	
11,200.00	6,887.27	11,378.30	6,993.56	69.89	70.52	117.58	845.67	-3,380.28	227.49	99.97	127.52	1.784	
11,300.00	6,884.87	11,478.29	6,990.51	71.50	72.13	117.44	845.93	-3,480.23	227.22	96.62	130.60	1.740	
11,400.00	6,882.46	11,578.29	6,987.46	73.12	73.74	117.29	846.19	-3,580.18	226.95	93.27	133.68	1.698	
11,500.00	6,880.05	11,678.29	6,984.41	74.74	75.35	117.14	846.44	-3,680.13	226.68	89.91	136.77	1.657	
11,600.00	6,877.65	11,778.29	6,981.36	76.36	76.97	116.99	846.70	-3,780.08	226.42	86.54	139.88	1.619	
11,700.00	6,875.24	11,878.29	6,978.31	77.98	78.59	116.84	846.95	-3,880.03	226.15	83.16	142.99	1.582	
11,800.00	6,872.83	11,978.28	6,975.26	79.61	80.21	116.69	847.21	-3,979.98	225.89	79.78	146.11	1.546	
11,900.00	6,870.43	12,078.28	6,972.21	81.23	81.83	116.54	847.47	-4,079.94	225.63	76.39	149.24	1.512	
12,000.00	6,868.02	12,178.28	6,969.16	82.86	83.46	116.39	847.72	-4,179.89	225.37	72.99	152.38	1.479	Level 3
12,100.00	6,865.62	12,278.28	6,966.11	84.49	85.09	116.24	847.98	-4,279.84	225.12	69.58	155.53	1.447	Level 3
12,200.00	6,863.21	12,378.27	6,963.06	86.13	86.71	116.09	848.24	-4,379.79	224.86	66.17	158.69	1.417	Level 3
12,300.00	6,860.80	12,478.27	6,960.01	87.76	88.34	115.94	848.49	-4,479.74	224.61	62.75	161.85	1.388	Level 3
12,400.00	6,858.40	12,578.27	6,956.96	89.40	89.98	115.79	848.75	-4,579.69	224.35	59.33	165.03	1.359	Level 3
12,500.00	6,855.99	12,678.27	6,953.91	91.03	91.61	115.64	849.01	-4,679.64	224.10	55.89	168.21	1.332	Level 3
12,600.00	6,853.58	12,778.27	6,950.86	92.67	93.24	115.49	849.26	-4,779.59	223.85	52.46	171.39	1.306	Level 3
12,700.00	6,851.18	12,878.26	6,947.81	94.31	94.88	115.33	849.52	-4,879.54	223.60	49.01	174.59	1.281	Level 3
12,800.00	6,848.77	12,978.26	6,944.76	95.95	96.52	115.18	849.78	-4,979.49	223.36	45.56	177.79	1.256	Level 3
12,900.00	6,846.36	13,078.26	6,941.71	97.59	98.15	115.03	850.03	-5,079.45	223.11	42.11	181.00	1.233	Level 2
13,000.00	6,843.96	13,178.26	6,938.66	99.23	99.79	114.87	850.29	-5,179.40	222.87	38.65	184.22	1.210	Level 2
13,100.00	6,841.55	13,278.26	6,935.61	100.88	101.43	114.72	850.54	-5,279.35	222.63	35.19	187.44	1.188	Level 2
13,200.00	6,839.15	13,378.25	6,932.56	102.52	103.08	114.57	850.80	-5,379.30	222.39	31.72	190.67	1.166	Level 2
13,300.00	6,836.74	13,478.25	6,929.51	104.17	104.72	114.41	851.06	-5,479.25	222.15	28.24	193.91	1.146	Level 2
13,400.00	6,834.33	13,578.25	6,926.46	105.81	106.36	114.26	851.31	-5,579.20	221.91	24.76	197.15	1.126	Level 2
13,500.00	6,831.93	13,678.25	6,923.41	107.46	108.01	114.10	851.57	-5,679.15	221.68	21.28	200.40	1.106	Level 2
13,600.00	6,829.52	13,778.25	6,920.36	109.11	109.65	113.95	851.83	-5,779.10	221.44	17.79	203.66	1.087	Level 2
13,700.00	6,827.11	13,878.24	6,917.31	110.75	111.30	113.79	852.08	-5,879.05	221.21	14.29	206.92	1.069	Level 2
13,800.00	6,824.71	13,978.24	6,914.26	112.40	112.94	113.63	852.34	-5,979.01	220.98	10.79	210.19	1.051	Level 2
13,900.00	6,822.30	14,078.24	6,911.21	114.05	114.59	113.48	852.60	-6,078.96	220.75	7.29	213.46	1.034	Level 2
14,000.00	6,819.90	14,178.24	6,908.16	115.70	116.24	113.32	852.85	-6,178.91	220.53	3.79	216.74	1.017	Level 2
14,100.00	6,817.49	14,278.24	6,905.11	117.35	117.89	113.16	853.11	-6,278.86	220.30	0.27	220.03	1.001	Level 2
14,200.00	6,815.08	14,378.23	6,902.06	119.01	119.54	113.01	853.37	-6,378.81	220.08	-3.24	223.32	0.985	Level 1
14,300.00	6,812.68	14,478.23	6,899.01	120.66	121.19	112.85	853.62	-6,478.76	219.85	-6.76	226.61	0.970	Level 1
14,400.00	6,810.27	14,578.23	6,895.96	122.31	122.84	112.69	853.88	-6,578.71	219.63	-10.28	229.92	0.955	Level 1
14,500.00	6,807.86	14,678.23	6,892.91	123.96	124.49	112.53	854.14	-6,678.66	219.42	-13.81	233.22	0.941	Level 1
14,600.00	6,805.46	14,778.22	6,889.86	125.62	126.14	112.37	854.39	-6,778.61	219.20	-17.34	236.54	0.927	Level 1
14,700.00	6,803.05	14,878.22	6,886.81	127.27	127.79	112.22	854.65	-6,878.56	218.98	-20.87	239.86	0.913	Level 1
14,800.00	6,800.65	14,978.22	6,883.76	128.93	129.45	112.06	854.90	-6,978.52	218.77	-24.41	243.18	0.900	Level 1
14,900.00	6,798.24	15,078.22	6,880.71	130.58	131.10	111.90	855.16	-7,078.47	218.56	-27.95	246.51	0.887	Level 1
15,000.00	6,795.83	15,178.22	6,877.66	132.24	132.75	111.74	855.42	-7,178.42	218.35	-31.49	249.84	0.874	Level 1
15,100.00	6,793.43	15,278.21	6,874.61	133.89	134.41	111.58	855.67	-7,278.37	218.14	-35.04	253.18	0.862	Level 1
15,200.00	6,791.02	15,378.21	6,871.56	135.55	136.06	111.42	855.93	-7,378.32	217.93	-38.59	256.52	0.850	Level 1
15,300.00	6,788.61	15,478.21	6,868.51	137.21	137.72	111.26	856.19	-7,478.27	217.73	-42.14	259.87	0.838	Level 1
15,383.95	6,786.59	15,562.16	6,865.95	138.60	139.11	111.12	856.40	-7,562.18	217.56	-45.13	262.69	0.828	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	1.00	3.28	3.28	90.52	-0.36	39.81	39.81					
100.00	100.00	101.00	101.00	3.28	3.28	90.52	-0.36	39.81	39.81	32.29	7.53	5.288		
200.00	200.00	201.00	201.00	3.31	3.31	90.52	-0.36	39.81	39.81	32.24	7.57	5.257		
300.00	300.00	300.49	300.48	3.35	3.35	29.79	-0.06	40.14	39.76	32.10	7.66	5.190		
400.00	399.93	399.47	399.41	3.42	3.42	28.88	2.27	42.69	39.30	31.51	7.79	5.047		
500.00	499.68	498.45	498.14	3.51	3.51	27.01	6.91	47.76	38.38	30.43	7.95	4.828		
600.00	599.13	597.40	596.55	3.62	3.62	24.06	13.84	55.34	37.06	28.91	8.15	4.549		
700.00	698.15	696.33	694.52	3.76	3.76	19.82	23.06	65.41	35.46	27.08	8.38	4.232		
800.00	796.63	795.21	791.93	3.94	3.93	14.02	34.55	77.98	33.77	25.12	8.64	3.906		
852.17	847.83	846.79	842.48	4.05	4.04	10.15	41.44	85.51	33.33	24.53	8.80	3.789 CC, ES		
900.00	894.70	894.04	888.63	4.15	4.14	6.14	48.30	93.01	33.50	24.56	8.94	3.748		
1,000.00	992.76	1,006.15	985.90	4.40	4.43	-2.36	63.39	109.51	35.65	26.31	9.34	3.818		
1,100.00	1,090.82	1,106.31	1,083.21	4.66	4.71	-9.76	78.49	126.02	38.49	28.72	9.76	3.942		
1,200.00	1,188.88	1,193.54	1,180.51	4.95	4.97	-16.05	93.60	142.53	41.88	31.67	10.21	4.100		
1,300.00	1,286.94	1,293.38	1,277.82	5.25	5.30	-21.35	108.70	159.04	45.70	34.96	10.74	4.256		
1,400.00	1,385.00	1,406.77	1,375.12	5.56	5.68	-25.80	123.80	175.55	49.85	38.51	11.34	4.397		
1,500.00	1,483.07	1,493.07	1,472.43	5.89	5.98	-29.55	138.90	192.06	54.25	42.35	11.90	4.560		
1,600.00	1,581.13	1,607.08	1,569.73	6.23	6.40	-32.73	154.01	208.57	58.85	46.29	12.57	4.683		
1,700.00	1,679.19	1,707.23	1,667.04	6.57	6.77	-35.44	169.11	225.08	63.61	50.39	13.22	4.812		
1,800.00	1,777.25	1,792.61	1,764.35	6.92	7.09	-37.77	184.21	241.59	68.48	54.64	13.85	4.946		
1,900.00	1,875.31	1,907.54	1,861.65	7.11	7.33	-39.78	199.31	258.10	73.46	59.58	13.87	5.295		
2,000.00	1,973.37	2,007.70	1,958.96	7.16	7.39	-41.54	214.41	274.61	78.51	64.52	13.99	5.613		
2,100.00	2,071.43	2,107.85	2,056.26	7.22	7.46	-43.08	229.52	291.12	83.63	69.49	14.13	5.917		
2,200.00	2,169.50	2,208.01	2,153.57	7.30	7.55	-44.45	244.62	307.63	88.80	74.49	14.31	6.205		
2,300.00	2,267.56	2,291.84	2,250.87	7.39	7.64	-45.66	259.72	324.14	94.01	79.51	14.51	6.481		
2,400.00	2,365.62	2,408.32	2,348.18	7.50	7.78	-46.75	274.82	340.65	99.27	84.51	14.76	6.726		
2,500.00	2,463.68	2,508.47	2,445.48	7.63	7.92	-47.73	289.92	357.16	104.55	89.52	15.03	6.957		
2,600.00	2,561.74	2,591.37	2,542.79	7.77	8.05	-48.61	305.03	373.67	109.87	94.57	15.30	7.180		
2,700.00	2,659.80	2,708.78	2,640.10	7.92	8.24	-49.41	320.13	390.18	115.20	99.55	15.65	7.362		
2,800.00	2,757.86	2,808.94	2,737.40	8.08	8.42	-50.14	335.23	406.69	120.56	104.56	16.00	7.536		
2,900.00	2,855.93	2,909.09	2,834.71	8.26	8.62	-50.81	350.33	423.20	125.94	109.57	16.37	7.694		
3,000.00	2,953.99	3,009.25	2,932.01	8.45	8.82	-51.42	365.44	439.71	131.33	114.56	16.76	7.834		
3,100.00	3,052.05	3,109.40	3,029.32	8.64	9.04	-51.99	380.54	456.22	136.73	119.55	17.18	7.960		
3,200.00	3,150.11	3,209.56	3,126.62	8.85	9.26	-52.51	395.64	472.73	142.15	124.54	17.61	8.071		
3,300.00	3,248.17	3,309.71	3,223.93	9.07	9.49	-52.99	410.74	489.24	147.58	129.51	18.06	8.170		
3,400.00	3,346.23	3,390.13	3,321.24	9.29	9.69	-53.44	425.84	505.75	153.01	134.53	18.49	8.278		
3,500.00	3,444.29	3,489.98	3,418.54	9.52	9.94	-53.86	440.95	522.26	158.46	139.49	18.97	8.355		
3,600.00	3,542.36	3,589.82	3,515.85	9.76	10.19	-54.25	456.05	538.77	163.91	144.45	19.46	8.422		
3,700.00	3,640.42	3,689.67	3,613.15	10.01	10.45	-54.62	471.15	555.28	169.38	149.40	19.97	8.481		
3,800.00	3,738.48	3,789.51	3,710.46	10.26	10.72	-54.96	486.25	571.79	174.84	154.35	20.49	8.533		
3,900.00	3,836.54	3,889.36	3,807.76	10.52	11.00	-55.28	501.36	588.30	180.32	159.29	21.02	8.577		
4,000.00	3,934.60	3,989.20	3,905.07	10.78	11.28	-55.58	516.46	604.81	185.80	164.23	21.57	8.615		
4,100.00	4,032.66	4,089.05	4,002.38	11.05	11.56	-55.87	531.56	621.32	191.28	169.16	22.12	8.648		
4,200.00	4,130.73	4,188.89	4,099.68	11.32	11.85	-56.14	546.66	637.83	196.77	174.09	22.68	8.676		
4,300.00	4,228.79	4,288.74	4,196.99	11.60	12.15	-56.39	561.76	654.34	202.26	179.01	23.25	8.699		
4,400.00	4,326.85	4,388.58	4,294.29	11.88	12.45	-56.64	576.87	670.85	207.76	183.93	23.83	8.719		
4,500.00	4,424.91	4,488.43	4,391.60	12.16	12.75	-56.86	591.97	687.36	213.26	188.84	24.41	8.735		
4,600.00	4,522.97	4,588.27	4,488.90	12.45	13.05	-57.08	607.07	703.87	218.76	193.75	25.01	8.749		
4,700.00	4,621.03	4,688.12	4,586.21	12.74	13.36	-57.29	622.17	720.38	224.26	198.66	25.60	8.759		
4,800.00	4,719.09	4,787.96	4,683.52	13.04	13.67	-57.49	637.28	736.89	229.77	203.57	26.21	8.768		
4,900.00	4,817.16	4,887.81	4,780.82	13.33	13.99	-57.67	652.38	753.40	235.28	208.47	26.82	8.774		
5,000.00	4,915.22	4,987.65	4,878.13	13.63	14.31	-57.85	667.48	769.91	240.80	213.37	27.43	8.778		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,013.28	5,087.50	4,975.43	13.94	14.63	-58.02	682.58	786.42	246.31	218.26	28.05	8.781	
5,200.00	5,111.34	5,187.34	5,072.74	14.24	14.95	-58.19	697.68	802.93	251.83	223.16	28.67	8.783	
5,300.00	5,209.40	5,287.19	5,170.04	14.55	15.27	-58.34	712.79	819.44	257.35	228.05	29.30	8.783	
5,400.00	5,307.46	5,387.03	5,267.35	14.86	15.60	-58.49	727.89	835.95	262.87	232.94	29.93	8.782	
5,500.00	5,405.52	5,486.88	5,364.65	15.17	15.93	-58.64	742.99	852.46	268.40	237.83	30.57	8.781	
5,600.00	5,503.59	5,586.73	5,461.96	15.48	16.26	-58.77	758.09	868.97	273.92	242.72	31.21	8.778	
5,700.00	5,601.65	5,686.57	5,559.27	15.79	16.59	-58.91	773.20	885.48	279.45	247.60	31.85	8.775	
5,800.00	5,699.71	5,786.42	5,656.57	16.11	16.92	-59.03	788.30	901.99	284.98	252.48	32.49	8.771	
5,900.00	5,797.77	5,886.26	5,753.88	16.43	17.26	-59.16	803.40	918.50	290.50	257.37	33.14	8.766	
6,000.00	5,895.83	5,986.11	5,851.18	16.74	17.59	-59.28	818.50	935.01	296.04	262.25	33.79	8.761	
6,100.00	5,993.89	6,085.95	5,948.49	17.06	17.93	-59.39	833.60	951.52	301.57	267.12	34.44	8.756	
6,200.00	6,091.95	6,185.80	6,045.79	17.39	18.27	-59.50	848.71	968.03	307.10	272.00	35.10	8.750	
6,300.00	6,190.02	6,285.64	6,143.10	17.71	18.61	-59.60	863.81	984.54	312.63	276.88	35.75	8.744	
6,400.00	6,288.39	6,385.44	6,240.36	17.99	18.95	-41.13	878.90	1,001.04	318.18	281.84	36.34	8.755	
6,500.00	6,387.80	6,483.96	6,336.37	18.17	19.29	37.62	893.80	1,017.33	324.16	287.50	36.66	8.842	
6,600.00	6,486.12	6,578.82	6,428.83	18.29	19.62	72.98	908.15	1,033.02	332.58	295.86	36.72	9.058	
6,700.00	6,580.94	6,678.63	6,526.71	18.34	19.89	87.42	923.42	1,044.36	345.88	309.30	36.57	9.457	
6,800.00	6,669.91	6,787.91	6,634.40	18.34	20.10	96.54	940.46	1,039.18	363.03	326.64	36.39	9.976	
6,900.00	6,750.85	6,907.08	6,748.87	18.32	20.25	103.32	958.88	1,012.42	382.59	346.47	36.12	10.592	
7,000.00	6,821.76	7,037.82	6,866.30	18.29	20.31	108.61	978.14	958.82	402.72	367.01	35.71	11.278	
7,100.00	6,880.90	7,181.26	6,979.65	18.28	20.28	112.64	997.20	873.52	421.32	386.13	35.19	11.972	
7,200.00	6,926.81	7,337.09	7,077.98	18.34	20.19	115.41	1,014.37	754.37	436.21	401.41	34.80	12.535	
7,300.00	6,958.36	7,502.59	7,147.81	18.50	20.12	116.84	1,027.46	605.41	445.47	410.56	34.90	12.763	
7,400.00	6,974.77	7,672.41	7,177.64	18.78	20.28	116.84	1,034.50	438.89	447.87	412.12	35.75	12.527	
7,494.62	6,978.03	7,787.04	7,175.97	19.15	20.68	116.22	1,035.85	324.31	445.86	409.23	36.63	12.171	
7,500.00	6,976.30	7,807.51	7,175.80	19.17	20.78	116.39	1,035.90	318.86	446.72	410.03	36.69	12.174	
7,600.00	6,973.90	7,907.52	7,172.71	19.72	21.39	116.27	1,036.81	218.92	447.04	409.42	37.61	11.885	
7,700.00	6,971.49	8,007.52	7,169.62	20.41	22.12	116.15	1,037.73	118.98	447.35	408.59	38.76	11.540	
7,800.00	6,969.09	8,107.53	7,166.53	21.20	22.96	116.03	1,038.64	19.03	447.67	407.54	40.13	11.156	
7,900.00	6,966.68	8,207.53	7,163.43	22.09	23.88	115.91	1,039.56	-80.91	447.99	406.31	41.69	10.747	
8,000.00	6,964.27	8,307.54	7,160.34	23.07	24.88	115.80	1,040.48	-180.85	448.32	404.90	43.42	10.326	
8,100.00	6,961.87	8,407.54	7,157.25	24.13	25.95	115.68	1,041.39	-280.80	448.64	403.34	45.30	9.904	
8,200.00	6,959.46	8,507.55	7,154.16	25.25	27.07	115.56	1,042.31	-380.74	448.97	401.65	47.32	9.488	
8,300.00	6,957.05	8,607.55	7,151.07	26.42	28.25	115.44	1,043.22	-480.68	449.30	399.84	49.46	9.084	
8,400.00	6,954.65	8,692.44	7,147.97	27.65	29.28	115.33	1,044.14	-580.62	449.63	398.09	51.54	8.725	
8,500.00	6,952.24	8,792.44	7,144.88	28.92	30.54	115.21	1,045.06	-680.57	449.96	396.09	53.87	8.353	
8,600.00	6,949.83	8,907.57	7,141.79	30.23	32.03	115.09	1,045.97	-780.51	450.29	393.83	56.46	7.975	
8,700.00	6,947.43	9,007.57	7,138.70	31.57	33.36	114.98	1,046.89	-880.45	450.63	391.68	58.95	7.644	
8,800.00	6,945.02	9,107.58	7,135.60	32.94	34.71	114.86	1,047.81	-980.40	450.96	389.46	61.51	7.332	
8,900.00	6,942.62	9,207.58	7,132.51	34.34	36.10	114.75	1,048.72	-1,080.34	451.30	387.19	64.12	7.039	
9,000.00	6,940.21	9,307.59	7,129.42	35.76	37.50	114.63	1,049.64	-1,180.28	451.65	384.86	66.78	6.763	
9,100.00	6,937.80	9,392.41	7,126.33	37.21	38.71	114.51	1,050.55	-1,280.23	451.99	382.70	69.29	6.523	
9,200.00	6,935.40	9,507.59	7,123.24	38.67	40.37	114.40	1,051.47	-1,380.17	452.33	380.10	72.24	6.262	
9,300.00	6,932.99	9,607.60	7,120.14	40.14	41.83	114.28	1,052.39	-1,480.11	452.68	377.66	75.02	6.034	
9,400.00	6,930.58	9,707.60	7,117.05	41.64	43.31	114.17	1,053.30	-1,580.06	453.03	375.19	77.84	5.820	
9,500.00	6,928.18	9,807.61	7,113.96	43.14	44.80	114.05	1,054.22	-1,680.00	453.38	372.69	80.69	5.619	
9,600.00	6,925.77	9,892.39	7,110.87	44.66	46.07	113.94	1,055.13	-1,779.94	453.73	370.38	83.35	5.444	
9,700.00	6,923.37	10,007.62	7,107.77	46.18	47.81	113.82	1,056.05	-1,879.89	454.09	367.62	86.46	5.252	
9,800.00	6,920.96	10,107.62	7,104.68	47.72	49.34	113.71	1,056.97	-1,979.83	454.44	365.05	89.39	5.084	
9,900.00	6,918.55	10,207.63	7,101.59	49.27	50.87	113.60	1,057.88	-2,079.77	454.80	362.47	92.33	4.926	
10,000.00	6,916.15	10,307.63	7,098.50	50.82	52.41	113.48	1,058.80	-2,179.72	455.16	359.86	95.30	4.776	
10,100.00	6,913.74	10,407.64	7,095.41	52.38	53.96	113.37	1,059.71	-2,279.66	455.52	357.24	98.28	4.635	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	6,911.33	10,507.64	7,092.31	53.95	55.51	113.25	1,060.63	-2,379.60	455.88	354.61	101.27	4.501	
10,300.00	6,908.93	10,592.35	7,089.22	55.52	56.84	113.14	1,061.55	-2,479.55	456.25	352.18	104.06	4.384	
10,400.00	6,906.52	10,707.65	7,086.13	57.10	58.64	113.03	1,062.46	-2,579.49	456.61	349.30	107.32	4.255	
10,500.00	6,904.12	10,807.66	7,083.04	58.68	60.22	112.92	1,063.38	-2,679.43	456.98	346.62	110.36	4.141	
10,600.00	6,901.71	10,907.66	7,079.94	60.27	61.79	112.80	1,064.30	-2,779.38	457.35	343.94	113.41	4.033	
10,700.00	6,899.30	11,007.67	7,076.85	61.87	63.38	112.69	1,065.21	-2,879.32	457.72	341.25	116.48	3.930	
10,800.00	6,896.90	11,107.67	7,073.76	63.46	64.97	112.58	1,066.13	-2,979.26	458.10	338.54	119.56	3.832	
10,900.00	6,894.49	11,192.32	7,070.67	65.06	66.31	112.46	1,067.04	-3,079.21	458.47	336.06	122.41	3.745	
11,000.00	6,892.08	11,307.68	7,067.58	66.67	68.15	112.35	1,067.96	-3,179.15	458.85	333.11	125.74	3.649	
11,100.00	6,889.68	11,407.69	7,064.48	68.28	69.75	112.24	1,068.88	-3,279.09	459.23	330.38	128.85	3.564	
11,200.00	6,887.27	11,507.69	7,061.39	69.89	71.35	112.13	1,069.79	-3,379.04	459.61	327.64	131.97	3.483	
11,300.00	6,884.87	11,607.69	7,058.30	71.50	72.96	112.02	1,070.71	-3,478.98	459.99	324.90	135.09	3.405	
11,400.00	6,882.46	11,707.70	7,055.21	73.12	74.57	111.91	1,071.62	-3,578.92	460.38	322.15	138.23	3.331	
11,500.00	6,880.05	11,807.70	7,052.11	74.74	76.18	111.79	1,072.54	-3,678.87	460.76	319.40	141.37	3.259	
11,600.00	6,877.65	11,907.71	7,049.02	76.36	77.79	111.68	1,073.46	-3,778.81	461.15	316.63	144.52	3.191	
11,700.00	6,875.24	12,007.71	7,045.93	77.98	79.41	111.57	1,074.37	-3,878.75	461.54	313.87	147.67	3.125	
11,800.00	6,872.83	12,107.72	7,042.84	79.61	81.03	111.46	1,075.29	-3,978.69	461.93	311.10	150.84	3.062	
11,900.00	6,870.43	12,207.72	7,039.75	81.23	82.65	111.35	1,076.21	-4,078.64	462.32	308.32	154.01	3.002	
12,000.00	6,868.02	12,307.73	7,036.65	82.86	84.27	111.24	1,077.12	-4,178.58	462.72	305.54	157.18	2.944	
12,100.00	6,865.62	12,392.27	7,033.56	84.49	85.65	111.13	1,078.04	-4,278.52	463.12	302.99	160.12	2.892	
12,200.00	6,863.21	12,507.74	7,030.47	86.13	87.52	111.02	1,078.95	-4,378.47	463.51	299.96	163.55	2.834	
12,300.00	6,860.80	12,607.74	7,027.38	87.76	89.15	110.91	1,079.87	-4,478.41	463.91	297.17	166.75	2.782	
12,400.00	6,858.40	12,707.75	7,024.28	89.40	90.78	110.80	1,080.79	-4,578.35	464.31	294.37	169.95	2.732	
12,500.00	6,855.99	12,792.25	7,021.19	91.03	92.16	110.69	1,081.70	-4,678.30	464.72	291.81	172.91	2.688	
12,600.00	6,853.58	12,892.24	7,018.10	92.67	93.79	110.58	1,082.62	-4,778.24	465.12	289.00	176.12	2.641	
12,700.00	6,851.18	13,007.76	7,015.01	94.31	95.68	110.47	1,083.53	-4,878.18	465.53	285.95	179.58	2.592	
12,800.00	6,848.77	13,107.77	7,011.92	95.95	97.31	110.37	1,084.45	-4,978.13	465.94	283.14	182.80	2.549	
12,900.00	6,846.36	13,207.77	7,008.82	97.59	98.95	110.26	1,085.37	-5,078.07	466.35	280.32	186.02	2.507	
13,000.00	6,843.96	13,307.78	7,005.73	99.23	100.59	110.15	1,086.28	-5,178.01	466.76	277.51	189.25	2.466	
13,100.00	6,841.55	13,407.78	7,002.64	100.88	102.23	110.04	1,087.20	-5,277.96	467.17	274.68	192.49	2.427	
13,200.00	6,839.15	13,507.78	6,999.55	102.52	103.87	109.93	1,088.11	-5,377.90	467.59	271.86	195.73	2.389	
13,300.00	6,836.74	13,592.21	6,996.45	104.17	105.25	109.82	1,089.03	-5,477.84	468.00	269.28	198.72	2.355	
13,400.00	6,834.33	13,707.79	6,993.36	105.81	107.15	109.72	1,089.95	-5,577.79	468.42	266.21	202.22	2.316	
13,500.00	6,831.93	13,807.80	6,990.27	107.46	108.79	109.61	1,090.86	-5,677.73	468.84	263.37	205.47	2.282	
13,600.00	6,829.52	13,907.80	6,987.18	109.11	110.44	109.50	1,091.78	-5,777.67	469.26	260.54	208.72	2.248	
13,700.00	6,827.11	14,007.81	6,984.09	110.75	112.08	109.39	1,092.70	-5,877.62	469.69	257.71	211.98	2.216	
13,800.00	6,824.71	14,107.81	6,980.99	112.40	113.73	109.29	1,093.61	-5,977.56	470.11	254.87	215.24	2.184	
13,900.00	6,822.30	14,207.82	6,977.90	114.05	115.37	109.18	1,094.53	-6,077.50	470.54	252.03	218.51	2.153	
14,000.00	6,819.90	14,307.82	6,974.81	115.70	117.02	109.07	1,095.44	-6,177.45	470.96	249.19	221.78	2.124	
14,100.00	6,817.49	14,407.83	6,971.72	117.35	118.67	108.97	1,096.36	-6,277.39	471.39	246.34	225.05	2.095	
14,200.00	6,815.08	14,507.83	6,968.62	119.01	120.32	108.86	1,097.28	-6,377.33	471.83	243.50	228.33	2.066	
14,300.00	6,812.68	14,607.84	6,965.53	120.66	121.97	108.76	1,098.19	-6,477.28	472.26	240.65	231.61	2.039	
14,400.00	6,810.27	14,707.84	6,962.44	122.31	123.62	108.65	1,099.11	-6,577.22	472.69	237.80	234.89	2.012	
14,500.00	6,807.86	14,807.85	6,959.35	123.96	125.27	108.55	1,100.02	-6,677.16	473.13	234.95	238.18	1.986	
14,600.00	6,805.46	14,907.85	6,956.26	125.62	126.92	108.44	1,100.94	-6,777.11	473.57	232.10	241.47	1.961	
14,700.00	6,803.05	15,007.86	6,953.16	127.27	128.57	108.33	1,101.86	-6,877.05	474.01	229.24	244.76	1.937	
14,800.00	6,800.65	15,107.86	6,950.07	128.93	130.22	108.23	1,102.77	-6,976.99	474.45	226.39	248.06	1.913	
14,900.00	6,798.24	15,207.87	6,946.98	130.58	131.87	108.13	1,103.69	-7,076.94	474.89	223.53	251.36	1.889	
15,000.00	6,795.83	15,307.87	6,943.89	132.24	133.53	108.02	1,104.60	-7,176.88	475.33	220.68	254.66	1.867	
15,100.00	6,793.43	15,407.87	6,940.80	133.89	135.18	107.92	1,105.52	-7,276.82	475.78	217.82	257.96	1.844	
15,200.00	6,791.02	15,492.12	6,937.70	135.55	136.57	107.81	1,106.44	-7,376.77	476.23	215.21	261.02	1.825	
15,300.00	6,788.61	15,592.12	6,934.61	137.21	138.23	107.71	1,107.35	-7,476.71	476.67	212.35	264.33	1.803	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,383.95	6,786.59	15,676.07	6,932.01	138.60	139.62	107.62	1,108.12	-7,560.61	477.05	209.95	267.11	1.786 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	0.73	-80.18	80.19				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.73	-80.18	80.19	72.66	7.53	10.650	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.73	-80.18	80.19	72.61	7.57	10.587 CC	
200.03	200.03	200.03	200.03	3.31	3.31	-89.48	0.73	-80.18	80.19	72.61	7.57	10.587 ES	
300.00	300.00	300.00	300.00	3.35	3.35	-150.23	0.73	-80.18	80.56	72.90	7.66	10.513	
400.00	399.93	400.07	399.93	3.42	3.42	-151.39	0.73	-80.18	83.61	75.82	7.79	10.726	
500.00	499.68	500.32	499.68	3.51	3.50	-153.46	0.73	-80.18	89.80	81.83	7.97	11.266	
600.00	599.13	600.87	599.13	3.62	3.61	-156.08	0.73	-80.18	99.27	91.08	8.19	12.121	
700.00	698.15	701.85	698.15	3.76	3.74	-158.87	0.73	-80.18	112.14	103.69	8.45	13.271	
800.00	796.63	796.63	796.63	3.94	3.87	-161.55	0.73	-80.18	128.51	119.77	8.74	14.704	
900.00	894.70	899.59	899.57	4.15	4.01	-164.23	0.67	-78.45	145.64	136.59	9.05	16.091	
1,000.00	992.76	1,003.70	1,003.53	4.40	4.17	-166.78	0.48	-72.95	159.64	150.27	9.37	17.031	
1,100.00	1,090.82	1,108.57	1,107.97	4.66	4.35	-169.36	0.15	-63.59	170.49	160.77	9.72	17.532	
1,200.00	1,188.88	1,213.90	1,212.47	4.95	4.55	-172.10	-0.31	-50.35	178.26	168.16	10.11	17.640	
1,300.00	1,286.94	1,319.43	1,316.59	5.25	4.78	-175.13	-0.91	-33.25	183.07	172.55	10.52	17.409	
1,400.00	1,385.00	1,419.10	1,414.61	5.56	5.02	-178.12	-1.54	-15.17	186.60	175.62	10.98	16.995	
1,500.00	1,483.07	1,518.57	1,512.42	5.89	5.28	179.01	-2.17	2.88	190.62	179.14	11.47	16.613	
1,600.00	1,581.13	1,618.04	1,610.24	6.23	5.56	176.26	-2.80	20.93	195.10	183.10	12.00	16.264	
1,700.00	1,679.19	1,717.51	1,708.05	6.57	5.85	173.64	-3.43	38.98	200.01	187.47	12.54	15.944	
1,800.00	1,777.25	1,816.98	1,805.87	6.92	6.12	171.15	-4.06	57.02	205.32	192.40	12.92	15.887	
1,900.00	1,875.31	1,916.45	1,903.68	7.11	6.27	168.79	-4.69	75.07	211.00	197.98	13.02	16.207	
2,000.00	1,973.37	2,015.91	2,001.50	7.16	6.31	166.56	-5.32	93.12	217.02	203.92	13.10	16.562	
2,100.00	2,071.43	2,115.38	2,099.31	7.22	6.36	164.45	-5.95	111.16	223.36	210.13	13.23	16.888	
2,200.00	2,169.50	2,214.85	2,197.13	7.30	6.44	162.46	-6.58	129.21	229.98	216.59	13.38	17.183	
2,300.00	2,267.56	2,314.32	2,294.94	7.39	6.53	160.58	-7.21	147.26	236.86	223.28	13.58	17.445	
2,400.00	2,365.62	2,413.79	2,392.76	7.50	6.64	158.80	-7.84	165.31	243.98	230.18	13.80	17.674	
2,500.00	2,463.68	2,513.26	2,490.57	7.63	6.77	157.13	-8.48	183.35	251.33	237.26	14.06	17.870	
2,600.00	2,561.74	2,612.72	2,588.39	7.77	6.91	155.56	-9.11	201.40	258.87	244.52	14.35	18.035	
2,700.00	2,659.80	2,712.19	2,686.21	7.92	7.07	154.07	-9.74	219.45	266.60	251.93	14.67	18.171	
2,800.00	2,757.86	2,811.66	2,784.02	8.08	7.23	152.67	-10.37	237.50	274.50	259.49	15.02	18.280	
2,900.00	2,855.93	2,911.13	2,881.84	8.26	7.42	151.35	-11.00	255.54	282.56	267.17	15.39	18.364	
3,000.00	2,953.99	3,010.60	2,979.65	8.45	7.61	150.10	-11.63	273.59	290.75	274.97	15.78	18.427	
3,100.00	3,052.05	3,110.06	3,077.47	8.64	7.81	148.92	-12.26	291.64	299.08	282.88	16.19	18.470	
3,200.00	3,150.11	3,209.53	3,175.28	8.85	8.02	147.81	-12.89	309.69	307.52	290.89	16.63	18.497	
3,300.00	3,248.17	3,309.00	3,273.10	9.07	8.25	146.75	-13.52	327.73	316.07	299.00	17.08	18.509	
3,400.00	3,346.23	3,408.47	3,370.91	9.29	8.48	145.75	-14.15	345.78	324.73	307.19	17.54	18.510	
3,500.00	3,444.29	3,507.94	3,468.73	9.52	8.71	144.80	-14.78	363.83	333.48	315.45	18.03	18.499	
3,600.00	3,542.36	3,607.41	3,566.54	9.76	8.96	143.90	-15.41	381.88	342.32	323.79	18.52	18.479	
3,700.00	3,640.42	3,706.87	3,664.36	10.01	9.21	143.05	-16.04	399.92	351.23	332.20	19.03	18.452	
3,800.00	3,738.48	3,806.34	3,762.17	10.26	9.47	142.24	-16.67	417.97	360.22	340.66	19.56	18.420	
3,900.00	3,836.54	3,905.81	3,859.99	10.52	9.73	141.46	-17.30	436.02	369.28	349.19	20.09	18.382	
4,000.00	3,934.60	4,005.28	3,957.80	10.78	10.00	140.73	-17.93	454.06	378.40	357.77	20.63	18.341	
4,100.00	4,032.66	4,104.75	4,055.62	11.05	10.27	140.03	-18.56	472.11	387.58	366.39	21.18	18.296	
4,200.00	4,130.73	4,204.22	4,153.44	11.32	10.55	139.36	-19.19	490.16	396.81	375.07	21.74	18.250	
4,300.00	4,228.79	4,303.68	4,251.25	11.60	10.83	138.72	-19.82	508.21	406.10	383.79	22.31	18.201	
4,400.00	4,326.85	4,403.15	4,349.07	11.88	11.12	138.11	-20.45	526.25	415.43	392.55	22.89	18.152	
4,500.00	4,424.91	4,502.62	4,446.88	12.16	11.41	137.53	-21.08	544.30	424.81	401.34	23.47	18.101	
4,600.00	4,522.97	4,602.09	4,544.70	12.45	11.70	136.97	-21.71	562.35	434.23	410.17	24.06	18.050	
4,700.00	4,621.03	4,701.56	4,642.51	12.74	11.99	136.44	-22.34	580.40	443.69	419.04	24.65	17.999	
4,800.00	4,719.09	4,801.03	4,740.33	13.04	12.29	135.93	-22.97	598.44	453.19	427.94	25.25	17.948	
4,900.00	4,817.16	4,900.49	4,838.14	13.33	12.59	135.44	-23.60	616.49	462.72	436.86	25.85	17.897	
5,000.00	4,915.22	5,000.04	4,935.96	13.63	12.89	134.97	-24.23	634.54	472.28	445.82	26.46	17.847	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,013.28	5,100.57	5,033.77	13.94	13.20	134.51	-24.86	652.59	481.87	454.79	27.08	17.795	
5,200.00	5,111.34	5,201.10	5,131.59	14.24	13.51	134.08	-25.49	670.63	491.49	463.79	27.70	17.744	
5,300.00	5,209.40	5,301.63	5,229.40	14.55	13.82	133.66	-26.12	688.68	501.14	472.82	28.32	17.694	
5,400.00	5,307.46	5,402.17	5,327.22	14.86	14.14	133.26	-26.75	706.73	510.81	481.86	28.95	17.645	
5,500.00	5,405.52	5,502.70	5,425.03	15.17	14.45	132.87	-27.38	724.78	520.51	490.93	29.58	17.596	
5,600.00	5,503.59	5,603.23	5,522.85	15.48	14.77	132.50	-28.01	742.82	530.23	500.02	30.21	17.549	
5,700.00	5,601.65	5,703.76	5,620.66	15.79	15.09	132.14	-28.64	760.87	539.97	509.12	30.85	17.503	
5,800.00	5,699.71	5,804.29	5,718.48	16.11	15.41	131.80	-29.27	778.92	549.74	518.25	31.49	17.457	
5,900.00	5,797.77	5,904.82	5,816.30	16.43	15.73	131.46	-29.90	796.96	559.52	527.39	32.13	17.413	
6,000.00	5,895.83	6,005.36	5,914.11	16.74	16.05	131.14	-30.54	815.01	569.32	536.54	32.78	17.370	
6,100.00	5,993.89	6,105.89	6,011.93	17.06	16.37	130.83	-31.17	833.06	579.13	545.71	33.42	17.328	
6,200.00	6,091.95	6,206.42	6,109.74	17.39	16.70	130.53	-31.80	851.11	588.97	554.90	34.07	17.287	
6,300.00	6,190.02	6,306.95	6,207.56	17.71	17.02	130.23	-32.43	869.15	598.82	564.09	34.72	17.247	
6,400.00	6,288.39	6,407.57	6,305.28	17.99	17.35	148.62	-33.06	887.19	608.30	572.97	35.33	17.217	
6,500.00	6,387.80	6,509.71	6,401.52	18.17	17.68	-135.87	-33.68	904.94	615.65	579.76	35.89	17.155	
6,600.00	6,486.12	6,584.25	6,493.91	18.29	17.93	-107.14	-34.27	921.99	621.75	585.44	36.32	17.120	
6,700.00	6,580.94	6,671.53	6,579.80	18.34	18.20	-101.33	-34.82	937.52	628.75	592.04	36.72	17.124	
6,800.00	6,669.91	6,758.07	6,665.97	18.34	18.38	-100.59	-35.32	944.71	638.88	601.92	36.96	17.287	
6,900.00	6,750.85	6,851.71	6,759.37	18.32	18.49	-101.65	-35.78	939.26	652.46	615.38	37.08	17.595	
7,000.00	6,821.76	6,954.94	6,860.16	18.29	18.55	-103.60	-36.18	917.48	669.16	632.07	37.10	18.039	
7,100.00	6,880.90	7,071.18	6,967.73	18.28	18.55	-106.06	-36.47	873.86	688.18	651.18	36.99	18.602	
7,200.00	6,926.81	7,204.86	7,079.23	18.34	18.51	-108.89	-36.59	800.56	708.15	671.33	36.81	19.237	
7,300.00	6,958.36	7,361.01	7,186.72	18.50	18.50	-111.88	-36.45	687.84	727.03	690.32	36.71	19.807	
7,400.00	6,974.77	7,543.13	7,273.10	18.78	18.65	-114.65	-35.89	528.21	742.06	705.02	37.04	20.035	
7,500.00	6,976.30	7,748.67	7,312.05	19.17	19.18	-116.58	-34.83	327.31	749.92	711.70	38.22	19.623	
7,600.00	6,973.90	7,869.98	7,309.34	19.72	19.71	-116.61	-34.05	206.05	749.42	710.01	39.41	19.016	
7,700.00	6,971.49	7,969.97	7,306.07	20.41	20.28	-116.57	-33.40	106.11	748.65	708.00	40.65	18.416	
7,800.00	6,969.09	8,069.97	7,302.81	21.20	20.96	-116.52	-32.75	6.17	747.89	705.80	42.09	17.768	
7,900.00	6,966.68	8,169.96	7,299.54	22.09	21.76	-116.48	-32.10	-93.77	747.13	703.42	43.71	17.093	
8,000.00	6,964.27	8,269.96	7,296.28	23.07	22.65	-116.43	-31.45	-193.71	746.36	700.88	45.48	16.409	
8,100.00	6,961.87	8,369.95	7,293.01	24.13	23.63	-116.39	-30.80	-293.65	745.60	698.20	47.40	15.730	
8,200.00	6,959.46	8,469.95	7,289.74	25.25	24.68	-116.34	-30.15	-393.59	744.84	695.40	49.44	15.065	
8,300.00	6,957.05	8,569.94	7,286.48	26.42	25.80	-116.30	-29.50	-493.53	744.08	692.48	51.59	14.422	
8,400.00	6,954.65	8,669.94	7,283.21	27.65	26.98	-116.25	-28.86	-593.47	743.32	689.47	53.84	13.806	
8,500.00	6,952.24	8,769.94	7,279.95	28.92	28.21	-116.21	-28.21	-693.41	742.56	686.38	56.18	13.218	
8,600.00	6,949.83	8,869.93	7,276.68	30.23	29.48	-116.16	-27.56	-793.35	741.80	683.21	58.59	12.662	
8,700.00	6,947.43	8,969.93	7,273.41	31.57	30.79	-116.12	-26.91	-893.29	741.04	679.97	61.06	12.136	
8,800.00	6,945.02	9,069.92	7,270.15	32.94	32.13	-116.07	-26.26	-993.23	740.28	676.68	63.60	11.640	
8,900.00	6,942.62	9,169.92	7,266.88	34.34	33.50	-116.03	-25.61	-1,093.17	739.52	673.33	66.18	11.174	
9,000.00	6,940.21	9,269.91	7,263.62	35.76	34.90	-115.98	-24.96	-1,193.11	738.76	669.94	68.82	10.735	
9,100.00	6,937.80	9,369.91	7,260.35	37.21	36.33	-115.94	-24.31	-1,293.05	738.00	666.51	71.49	10.323	
9,200.00	6,935.40	9,469.90	7,257.08	38.67	37.77	-115.89	-23.66	-1,392.99	737.24	663.04	74.21	9.935	
9,300.00	6,932.99	9,569.90	7,253.82	40.14	39.23	-115.85	-23.01	-1,492.93	736.49	659.53	76.95	9.571	
9,400.00	6,930.58	9,669.89	7,250.55	41.64	40.71	-115.80	-22.36	-1,592.87	735.73	656.00	79.73	9.228	
9,500.00	6,928.18	9,769.89	7,247.29	43.14	42.20	-115.75	-21.72	-1,692.81	734.98	652.44	82.53	8.905	
9,600.00	6,925.77	9,869.89	7,244.02	44.66	43.71	-115.71	-21.07	-1,792.75	734.22	648.86	85.36	8.601	
9,700.00	6,923.37	9,969.88	7,240.75	46.18	45.22	-115.66	-20.42	-1,892.69	733.46	645.25	88.21	8.315	
9,800.00	6,920.96	10,069.88	7,237.49	47.72	46.75	-115.61	-19.77	-1,992.63	732.71	641.62	91.09	8.044	
9,900.00	6,918.55	10,169.87	7,234.22	49.27	48.29	-115.57	-19.12	-2,092.57	731.96	637.98	93.98	7.789	
10,000.00	6,916.15	10,269.87	7,230.96	50.82	49.84	-115.52	-18.47	-2,192.51	731.20	634.32	96.89	7.547	
10,100.00	6,913.74	10,369.86	7,227.69	52.38	51.39	-115.48	-17.82	-2,292.45	730.45	630.64	99.81	7.318	
10,200.00	6,911.33	10,469.86	7,224.42	53.95	52.95	-115.43	-17.17	-2,392.39	729.70	626.95	102.75	7.102	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,569.85	7,221.16	55.52	54.52	-115.38	-16.52	-2,492.33	728.95	623.24	105.70	6.896	
10,400.00	6,906.52	10,669.85	7,217.89	57.10	56.09	-115.34	-15.87	-2,592.27	728.19	619.53	108.67	6.701	
10,500.00	6,904.12	10,769.84	7,214.63	58.68	57.67	-115.29	-15.22	-2,692.21	727.44	615.80	111.64	6.516	
10,600.00	6,901.71	10,869.84	7,211.36	60.27	59.26	-115.24	-14.58	-2,792.15	726.69	612.06	114.63	6.339	
10,700.00	6,899.30	10,969.83	7,208.09	61.87	60.85	-115.19	-13.93	-2,892.09	725.94	608.31	117.63	6.171	
10,800.00	6,896.90	11,069.83	7,204.83	63.46	62.44	-115.15	-13.28	-2,992.03	725.19	604.56	120.64	6.011	
10,900.00	6,894.49	11,169.83	7,201.56	65.06	64.04	-115.10	-12.63	-3,091.97	724.44	600.79	123.65	5.859	
11,000.00	6,892.08	11,269.82	7,198.30	66.67	65.64	-115.05	-11.98	-3,191.91	723.69	597.02	126.68	5.713	
11,100.00	6,889.68	11,369.82	7,195.03	68.28	67.25	-115.00	-11.33	-3,291.84	722.95	593.24	129.71	5.574	
11,200.00	6,887.27	11,469.81	7,191.76	69.89	68.85	-114.96	-10.68	-3,391.78	722.20	589.45	132.75	5.440	
11,300.00	6,884.87	11,569.81	7,188.50	71.50	70.46	-114.91	-10.03	-3,491.72	721.45	585.65	135.80	5.313	
11,400.00	6,882.46	11,669.80	7,185.23	73.12	72.08	-114.86	-9.38	-3,591.66	720.70	581.85	138.85	5.190	
11,500.00	6,880.05	11,769.80	7,181.97	74.74	73.70	-114.81	-8.73	-3,691.60	719.96	578.04	141.91	5.073	
11,600.00	6,877.65	11,869.79	7,178.70	76.36	75.31	-114.77	-8.08	-3,791.54	719.21	574.23	144.98	4.961	
11,700.00	6,875.24	11,969.79	7,175.43	77.98	76.94	-114.72	-7.44	-3,891.48	718.47	570.41	148.05	4.853	
11,800.00	6,872.83	12,069.78	7,172.17	79.61	78.56	-114.67	-6.79	-3,991.42	717.72	566.59	151.13	4.749	
11,900.00	6,870.43	12,169.78	7,168.90	81.23	80.18	-114.62	-6.14	-4,091.36	716.98	562.76	154.22	4.649	
12,000.00	6,868.02	12,269.77	7,165.64	82.86	81.81	-114.57	-5.49	-4,191.30	716.24	558.93	157.31	4.553	
12,100.00	6,865.62	12,369.77	7,162.37	84.49	83.44	-114.52	-4.84	-4,291.24	715.49	555.09	160.40	4.461	
12,200.00	6,863.21	12,469.77	7,159.11	86.13	85.07	-114.47	-4.19	-4,391.18	714.75	551.25	163.50	4.372	
12,300.00	6,860.80	12,569.76	7,155.84	87.76	86.70	-114.43	-3.54	-4,491.12	714.01	547.40	166.60	4.286	
12,400.00	6,858.40	12,669.76	7,152.57	89.40	88.34	-114.38	-2.89	-4,591.06	713.27	543.55	169.71	4.203	
12,500.00	6,855.99	12,769.75	7,149.31	91.03	89.97	-114.33	-2.24	-4,691.00	712.53	539.70	172.82	4.123	
12,600.00	6,853.58	12,869.75	7,146.04	92.67	91.61	-114.28	-1.59	-4,790.94	711.78	535.84	175.94	4.046	
12,700.00	6,851.18	12,969.74	7,142.78	94.31	93.25	-114.23	-0.94	-4,890.88	711.04	531.98	179.06	3.971	
12,800.00	6,848.77	13,069.74	7,139.51	95.95	94.89	-114.18	-0.30	-4,990.82	710.31	528.12	182.19	3.899	
12,900.00	6,846.36	13,169.73	7,136.24	97.59	96.53	-114.13	0.35	-5,090.76	709.57	524.25	185.31	3.829	
13,000.00	6,843.96	13,269.73	7,132.98	99.23	98.17	-114.08	1.00	-5,190.70	708.83	520.38	188.45	3.761	
13,100.00	6,841.55	13,369.72	7,129.71	100.88	99.81	-114.03	1.65	-5,290.64	708.09	516.51	191.58	3.696	
13,200.00	6,839.15	13,469.72	7,126.45	102.52	101.45	-113.98	2.30	-5,390.58	707.35	512.63	194.72	3.633	
13,300.00	6,836.74	13,569.72	7,123.18	104.17	103.10	-113.93	2.95	-5,490.52	706.62	508.75	197.86	3.571	
13,400.00	6,834.33	13,669.71	7,119.91	105.81	104.74	-113.88	3.60	-5,590.46	705.88	504.87	201.01	3.512	
13,500.00	6,831.93	13,769.71	7,116.65	107.46	106.39	-113.83	4.25	-5,690.40	705.14	500.99	204.16	3.454	
13,600.00	6,829.52	13,869.70	7,113.38	109.11	108.04	-113.78	4.90	-5,790.34	704.41	497.10	207.31	3.398	
13,700.00	6,827.11	13,969.70	7,110.12	110.75	109.69	-113.73	5.55	-5,890.28	703.67	493.21	210.46	3.343	
13,800.00	6,824.71	14,069.69	7,106.85	112.40	111.33	-113.68	6.20	-5,990.22	702.94	489.32	213.62	3.291	
13,900.00	6,822.30	14,169.69	7,103.58	114.05	112.98	-113.63	6.84	-6,090.16	702.21	485.42	216.78	3.239	
14,000.00	6,819.90	14,269.68	7,100.32	115.70	114.63	-113.58	7.49	-6,190.10	701.47	481.53	219.95	3.189	
14,100.00	6,817.49	14,369.68	7,097.05	117.35	116.28	-113.53	8.14	-6,290.04	700.74	477.63	223.11	3.141	
14,200.00	6,815.08	14,469.67	7,093.79	119.01	117.93	-113.48	8.79	-6,389.98	700.01	473.72	226.28	3.094	
14,300.00	6,812.68	14,569.67	7,090.52	120.66	119.59	-113.43	9.44	-6,489.92	699.28	469.82	229.46	3.048	
14,400.00	6,810.27	14,669.66	7,087.25	122.31	121.24	-113.38	10.09	-6,589.86	698.55	465.92	232.63	3.003	
14,500.00	6,807.86	14,769.66	7,083.99	123.96	122.89	-113.33	10.74	-6,689.80	697.82	462.01	235.81	2.959	
14,600.00	6,805.46	14,869.66	7,080.72	125.62	124.54	-113.28	11.39	-6,789.74	697.09	458.10	238.99	2.917	
14,700.00	6,803.05	14,969.65	7,077.46	127.27	126.20	-113.23	12.04	-6,889.68	696.36	454.19	242.17	2.875	
14,800.00	6,800.65	15,069.65	7,074.19	128.93	127.85	-113.17	12.69	-6,989.62	695.63	450.27	245.36	2.835	
14,900.00	6,798.24	15,169.64	7,070.92	130.58	129.51	-113.12	13.34	-7,089.56	694.90	446.36	248.55	2.796	
15,000.00	6,795.83	15,269.64	7,067.66	132.24	131.16	-113.07	13.99	-7,189.50	694.17	442.44	251.74	2.758	
15,100.00	6,793.43	15,369.63	7,064.39	133.89	132.82	-113.02	14.63	-7,289.44	693.45	438.52	254.93	2.720	
15,200.00	6,791.02	15,469.63	7,061.13	135.55	134.47	-112.97	15.28	-7,389.38	692.72	434.60	258.12	2.684	
15,300.00	6,788.61	15,569.62	7,057.86	137.21	136.13	-112.92	15.93	-7,489.32	691.99	430.67	261.32	2.648	
15,368.17	6,786.97	15,637.79	7,055.63	138.34	137.26	-112.88	16.37	-7,557.46	691.50	428.00	263.50	2.624 SF	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
15,383.95	6,786.59	15,634.69	7,055.73	138.60	137.21	-112.88	16.35	-7,554.35	691.64	428.18	263.46	2.625		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	-89.58	0.73	-99.95	99.95				
100.00	100.00	100.00	100.00	3.28	3.28	-89.58	0.73	-99.95	99.95	92.42	7.53	13.276	
200.00	200.00	200.00	200.00	3.31	3.31	-89.58	0.73	-99.95	99.95	92.38	7.57	13.197 CC	
200.01	200.01	200.01	200.01	3.31	3.31	-89.58	0.73	-99.95	99.95	92.38	7.57	13.197 ES	
300.00	300.00	300.34	300.32	3.35	3.35	-151.30	-1.01	-99.93	100.32	92.66	7.66	13.101	
400.00	399.93	403.86	403.77	3.42	3.41	-153.99	-4.02	-97.70	101.37	93.59	7.78	13.027	
500.00	499.68	507.36	507.06	3.51	3.50	-157.42	-6.64	-91.75	102.22	94.28	7.94	12.870	
600.00	599.13	610.80	610.01	3.62	3.62	-161.58	-8.86	-82.11	103.13	94.98	8.14	12.663	
700.00	698.15	714.14	712.47	3.76	3.77	-166.44	-10.67	-68.78	104.36	95.97	8.39	12.444	
800.00	796.63	816.38	813.33	3.94	3.95	-171.86	-12.08	-52.11	106.36	97.68	8.68	12.248	
900.00	894.70	915.79	911.23	4.15	4.15	-177.13	-13.34	-34.93	110.55	101.50	9.05	12.210	
1,000.00	992.76	1,015.20	1,009.14	4.40	4.38	178.01	-14.60	-17.74	115.65	106.18	9.47	12.214	
1,100.00	1,090.82	1,114.60	1,107.04	4.66	4.63	173.59	-15.86	-0.56	121.51	111.58	9.93	12.242	
1,200.00	1,188.88	1,214.01	1,204.94	4.95	4.90	169.59	-17.13	16.62	128.03	117.61	10.42	12.285	
1,300.00	1,286.94	1,313.41	1,302.84	5.25	5.19	165.99	-18.39	33.80	135.11	124.16	10.95	12.336	
1,400.00	1,385.00	1,412.82	1,400.74	5.56	5.48	162.77	-19.65	50.98	142.67	131.16	11.51	12.391	
1,500.00	1,483.07	1,512.23	1,498.65	5.89	5.79	159.87	-20.91	68.16	150.64	138.54	12.10	12.445	
1,600.00	1,581.13	1,611.63	1,596.55	6.23	6.10	157.26	-22.17	85.34	158.96	146.24	12.72	12.500	
1,700.00	1,679.19	1,711.04	1,694.45	6.57	6.43	154.92	-23.43	102.52	167.57	154.22	13.35	12.552	
1,800.00	1,777.25	1,810.44	1,792.35	6.92	6.74	152.81	-24.70	119.71	176.43	162.44	13.98	12.617	
1,900.00	1,875.31	1,909.85	1,890.25	7.11	6.91	150.91	-25.96	136.89	185.50	171.54	13.96	13.287	
2,000.00	1,973.37	2,009.26	1,988.16	7.16	6.95	149.18	-27.22	154.07	194.76	180.70	14.06	13.850	
2,100.00	2,071.43	2,108.66	2,086.06	7.22	7.01	147.61	-28.48	171.25	204.18	189.99	14.19	14.385	
2,200.00	2,169.50	2,208.07	2,183.96	7.30	7.08	146.18	-29.74	188.43	213.74	199.39	14.36	14.889	
2,300.00	2,267.56	2,307.47	2,281.86	7.39	7.17	144.87	-31.00	205.61	223.43	208.88	14.55	15.355	
2,400.00	2,365.62	2,406.88	2,379.76	7.50	7.27	143.67	-32.27	222.79	233.21	218.44	14.77	15.786	
2,500.00	2,463.68	2,506.29	2,477.67	7.63	7.39	142.57	-33.53	239.97	243.09	228.07	15.02	16.180	
2,600.00	2,561.74	2,605.69	2,575.57	7.77	7.52	141.56	-34.79	257.16	253.06	237.75	15.30	16.538	
2,700.00	2,659.80	2,705.10	2,673.47	7.92	7.67	140.62	-36.05	274.34	263.09	247.49	15.61	16.859	
2,800.00	2,757.86	2,804.51	2,771.37	8.08	7.82	139.75	-37.31	291.52	273.19	257.26	15.93	17.147	
2,900.00	2,855.93	2,903.91	2,869.27	8.26	7.99	138.94	-38.58	308.70	283.35	267.07	16.28	17.402	
3,000.00	2,953.99	3,003.32	2,967.17	8.45	8.17	138.19	-39.84	325.88	293.56	276.91	16.65	17.627	
3,100.00	3,052.05	3,102.72	3,065.08	8.64	8.36	137.49	-41.10	343.06	303.82	286.77	17.05	17.824	
3,200.00	3,150.11	3,202.13	3,162.98	8.85	8.56	136.83	-42.36	360.24	314.12	296.66	17.46	17.996	
3,300.00	3,248.17	3,301.54	3,260.88	9.07	8.76	136.22	-43.62	377.42	324.45	306.57	17.88	18.143	
3,400.00	3,346.23	3,400.94	3,358.78	9.29	8.98	135.64	-44.88	394.61	334.82	316.50	18.33	18.270	
3,500.00	3,444.29	3,500.35	3,456.68	9.52	9.20	135.10	-46.15	411.79	345.23	326.44	18.78	18.378	
3,600.00	3,542.36	3,600.25	3,554.59	9.76	9.43	134.59	-47.41	428.97	355.66	336.40	19.26	18.468	
3,700.00	3,640.42	3,700.84	3,652.49	10.01	9.67	134.11	-48.67	446.15	366.12	346.37	19.75	18.541	
3,800.00	3,738.48	3,801.43	3,750.39	10.26	9.92	133.66	-49.93	463.33	376.60	356.35	20.25	18.601	
3,900.00	3,836.54	3,897.97	3,848.29	10.52	10.16	133.23	-51.19	480.51	387.10	366.36	20.75	18.658	
4,000.00	3,934.60	4,002.62	3,946.19	10.78	10.42	132.82	-52.45	497.69	397.63	376.35	21.28	18.686	
4,100.00	4,032.66	4,103.22	4,044.10	11.05	10.69	132.44	-53.72	514.87	408.17	386.36	21.81	18.714	
4,200.00	4,130.73	4,203.81	4,142.00	11.32	10.95	132.07	-54.98	532.06	418.73	396.38	22.35	18.734	
4,300.00	4,228.79	4,304.40	4,239.90	11.60	11.22	131.72	-56.24	549.24	429.31	406.41	22.90	18.747	
4,400.00	4,326.85	4,405.00	4,337.80	11.88	11.50	131.39	-57.50	566.42	439.90	416.44	23.46	18.754	
4,500.00	4,424.91	4,505.59	4,435.70	12.16	11.78	131.08	-58.76	583.60	450.51	426.49	24.02	18.756	
4,600.00	4,522.97	4,606.19	4,533.61	12.45	12.06	130.78	-60.03	600.78	461.12	436.53	24.59	18.753	
4,700.00	4,621.03	4,706.78	4,631.51	12.74	12.34	130.49	-61.29	617.96	471.75	446.59	25.17	18.746	
4,800.00	4,719.09	4,807.37	4,729.41	13.04	12.63	130.21	-62.55	635.14	482.40	456.65	25.75	18.735	
4,900.00	4,817.16	4,907.97	4,827.31	13.33	12.92	129.95	-63.81	652.32	493.05	466.71	26.34	18.722	
5,000.00	4,915.22	5,008.56	4,925.21	13.63	13.22	129.70	-65.07	669.51	503.71	476.78	26.93	18.706	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,013.28	5,109.16	5,023.11	13.94	13.51	129.46	-66.33	686.69	514.38	486.86	27.53	18.688	
5,200.00	5,111.34	5,209.75	5,121.02	14.24	13.81	129.22	-67.60	703.87	525.06	496.94	28.13	18.667	
5,300.00	5,209.40	5,289.66	5,218.92	14.55	14.05	129.00	-68.86	721.05	535.75	507.08	28.67	18.686	
5,400.00	5,307.46	5,389.06	5,316.82	14.86	14.35	128.79	-70.12	738.23	546.45	517.17	29.28	18.665	
5,500.00	5,405.52	5,488.47	5,414.72	15.17	14.65	128.58	-71.38	755.41	557.15	527.26	29.89	18.642	
5,600.00	5,503.59	5,587.88	5,512.62	15.48	14.95	128.39	-72.64	772.59	567.86	537.36	30.50	18.619	
5,700.00	5,601.65	5,687.28	5,610.53	15.79	15.25	128.19	-73.91	789.77	578.58	547.46	31.11	18.595	
5,800.00	5,699.71	5,786.69	5,708.43	16.11	15.56	128.01	-75.17	806.96	589.30	557.56	31.73	18.570	
5,900.00	5,797.77	5,886.09	5,806.33	16.43	15.86	127.83	-76.43	824.14	600.03	567.67	32.36	18.545	
6,000.00	5,895.83	5,985.50	5,904.23	16.74	16.17	127.66	-77.69	841.32	610.76	577.78	32.98	18.519	
6,100.00	5,993.89	6,084.91	6,002.13	17.06	16.48	127.50	-78.95	858.50	621.50	587.89	33.61	18.493	
6,200.00	6,091.95	6,184.31	6,100.04	17.39	16.79	127.34	-80.21	875.68	632.24	598.01	34.24	18.467	
6,300.00	6,190.02	6,283.72	6,197.94	17.71	17.10	127.19	-81.48	892.86	642.99	608.12	34.87	18.441	
6,400.00	6,288.39	6,383.05	6,295.77	17.99	17.42	145.77	-82.74	910.03	653.47	618.02	35.46	18.429	
6,500.00	6,387.80	6,479.70	6,390.97	18.17	17.72	-138.31	-83.96	926.65	662.46	626.50	35.96	18.421	
6,600.00	6,486.12	6,566.97	6,477.82	18.29	17.89	-108.27	-85.14	934.39	671.31	635.04	36.27	18.508	
6,700.00	6,580.94	6,656.95	6,567.60	18.34	18.00	-100.46	-86.44	929.87	680.73	644.26	36.47	18.666	
6,800.00	6,669.91	6,750.19	6,659.00	18.34	18.06	-97.76	-87.85	911.88	690.61	654.03	36.57	18.883	
6,900.00	6,750.85	6,847.30	6,750.32	18.32	18.07	-96.91	-89.37	879.19	700.79	664.18	36.61	19.144	
7,000.00	6,821.76	6,948.91	6,839.39	18.29	18.05	-96.96	-90.97	830.55	711.04	674.44	36.60	19.427	
7,100.00	6,880.90	7,055.67	6,923.39	18.28	18.01	-97.49	-92.62	764.88	721.03	684.42	36.61	19.696	
7,200.00	6,926.81	7,168.14	6,998.71	18.34	18.00	-98.33	-94.26	681.57	730.36	693.66	36.71	19.898	
7,300.00	6,958.36	7,286.69	7,060.94	18.50	18.07	-99.33	-95.85	580.87	738.57	701.59	36.98	19.972	
7,400.00	6,974.77	7,411.36	7,105.08	18.78	18.26	-100.41	-97.29	464.51	745.14	707.61	37.52	19.859	
7,500.00	6,976.30	7,541.72	7,126.11	19.17	18.63	-101.50	-98.48	336.09	749.46	711.08	38.38	19.528	
7,600.00	6,973.90	7,655.90	7,125.36	19.72	19.11	-101.63	-99.27	221.96	750.64	711.17	39.47	19.016	
7,700.00	6,971.49	7,755.89	7,122.54	20.41	19.67	-101.59	-99.93	122.00	751.43	710.71	40.72	18.455	
7,800.00	6,969.09	7,855.89	7,119.72	21.20	20.35	-101.54	-100.59	22.05	752.21	710.03	42.19	17.831	
7,900.00	6,966.68	7,955.88	7,116.91	22.09	21.14	-101.50	-101.25	-77.90	753.00	709.14	43.86	17.169	
8,000.00	6,964.27	8,055.88	7,114.09	23.07	22.03	-101.46	-101.92	-177.86	753.78	708.07	45.71	16.490	
8,100.00	6,961.87	8,155.87	7,111.27	24.13	23.01	-101.41	-102.58	-277.81	754.57	706.85	47.72	15.812	
8,200.00	6,959.46	8,255.87	7,108.45	25.25	24.06	-101.37	-103.24	-377.76	755.36	705.48	49.87	15.145	
8,300.00	6,957.05	8,355.87	7,105.64	26.42	25.19	-101.32	-103.90	-477.72	756.15	704.00	52.15	14.500	
8,400.00	6,954.65	8,455.86	7,102.82	27.65	26.37	-101.28	-104.56	-577.67	756.93	702.40	54.53	13.881	
8,500.00	6,952.24	8,555.86	7,100.00	28.92	27.60	-101.24	-105.22	-677.62	757.72	700.72	57.00	13.292	
8,600.00	6,949.83	8,655.85	7,097.18	30.23	28.88	-101.19	-105.88	-777.58	758.51	698.95	59.56	12.735	
8,700.00	6,947.43	8,755.85	7,094.37	31.57	30.20	-101.15	-106.54	-877.53	759.30	697.11	62.19	12.209	
8,800.00	6,945.02	8,855.84	7,091.55	32.94	31.55	-101.11	-107.20	-977.48	760.09	695.21	64.88	11.715	
8,900.00	6,942.62	8,955.84	7,088.73	34.34	32.93	-101.06	-107.86	-1,077.44	760.88	693.25	67.63	11.250	
9,000.00	6,940.21	9,055.83	7,085.91	35.76	34.33	-101.02	-108.52	-1,177.39	761.67	691.24	70.43	10.815	
9,100.00	6,937.80	9,155.83	7,083.09	37.21	35.76	-100.98	-109.18	-1,277.34	762.46	689.19	73.27	10.406	
9,200.00	6,935.40	9,255.82	7,080.28	38.67	37.21	-100.93	-109.84	-1,377.30	763.25	687.10	76.15	10.023	
9,300.00	6,932.99	9,355.82	7,077.46	40.14	38.68	-100.89	-110.51	-1,477.25	764.05	684.98	79.06	9.664	
9,400.00	6,930.58	9,455.81	7,074.64	41.64	40.16	-100.85	-111.17	-1,577.20	764.84	682.83	82.01	9.326	
9,500.00	6,928.18	9,555.81	7,071.82	43.14	41.66	-100.81	-111.83	-1,677.16	765.63	680.65	84.98	9.009	
9,600.00	6,925.77	9,655.80	7,069.01	44.66	43.17	-100.76	-112.49	-1,777.11	766.42	678.45	87.98	8.712	
9,700.00	6,923.37	9,755.80	7,066.19	46.18	44.69	-100.72	-113.15	-1,877.06	767.22	676.22	91.00	8.431	
9,800.00	6,920.96	9,855.79	7,063.37	47.72	46.22	-100.68	-113.81	-1,977.02	768.01	673.97	94.04	8.167	
9,900.00	6,918.55	9,955.79	7,060.55	49.27	47.76	-100.64	-114.47	-2,076.97	768.81	671.71	97.10	7.918	
10,000.00	6,916.15	10,055.78	7,057.73	50.82	49.31	-100.59	-115.13	-2,176.92	769.60	669.43	100.17	7.683	
10,100.00	6,913.74	10,155.78	7,054.92	52.38	50.87	-100.55	-115.79	-2,276.88	770.40	667.13	103.26	7.461	
10,200.00	6,911.33	10,255.77	7,052.10	53.95	52.44	-100.51	-116.45	-2,376.83	771.19	664.82	106.37	7.250	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,908.93	10,355.77	7,049.28	55.52	54.01	-100.47	-117.11	-2,476.78	771.99	662.50	109.49	7.051		
10,400.00	6,906.52	10,455.76	7,046.46	57.10	55.58	-100.43	-117.77	-2,576.74	772.79	660.17	112.62	6.862		
10,500.00	6,904.12	10,555.76	7,043.65	58.68	57.17	-100.38	-118.43	-2,676.69	773.58	657.83	115.76	6.683		
10,600.00	6,901.71	10,655.76	7,040.83	60.27	58.75	-100.34	-119.10	-2,776.64	774.38	655.47	118.91	6.512		
10,700.00	6,899.30	10,755.75	7,038.01	61.87	60.35	-100.30	-119.76	-2,876.60	775.18	653.11	122.07	6.350		
10,800.00	6,896.90	10,855.75	7,035.19	63.46	61.94	-100.26	-120.42	-2,976.55	775.98	650.74	125.24	6.196		
10,900.00	6,894.49	10,955.74	7,032.38	65.06	63.54	-100.22	-121.08	-3,076.50	776.77	648.36	128.41	6.049		
11,000.00	6,892.08	11,055.74	7,029.56	66.67	65.14	-100.18	-121.74	-3,176.46	777.57	645.98	131.60	5.909		
11,100.00	6,889.68	11,155.73	7,026.74	68.28	66.75	-100.13	-122.40	-3,276.41	778.37	643.58	134.79	5.775		
11,200.00	6,887.27	11,255.73	7,023.92	69.89	68.36	-100.09	-123.06	-3,376.36	779.17	641.19	137.99	5.647		
11,300.00	6,884.87	11,355.72	7,021.10	71.50	69.97	-100.05	-123.72	-3,476.32	779.97	638.78	141.19	5.524		
11,400.00	6,882.46	11,455.72	7,018.29	73.12	71.59	-100.01	-124.38	-3,576.27	780.77	636.37	144.40	5.407		
11,500.00	6,880.05	11,555.71	7,015.47	74.74	73.21	-99.97	-125.04	-3,676.22	781.58	633.96	147.62	5.295		
11,600.00	6,877.65	11,655.71	7,012.65	76.36	74.83	-99.93	-125.70	-3,776.18	782.38	631.54	150.84	5.187		
11,700.00	6,875.24	11,755.70	7,009.83	77.98	76.45	-99.89	-126.36	-3,876.13	783.18	629.12	154.06	5.084		
11,800.00	6,872.83	11,855.70	7,007.02	79.61	78.07	-99.85	-127.03	-3,976.08	783.98	626.69	157.29	4.984		
11,900.00	6,870.43	11,955.69	7,004.20	81.23	79.70	-99.81	-127.69	-4,076.04	784.78	624.26	160.53	4.889		
12,000.00	6,868.02	12,055.69	7,001.38	82.86	81.33	-99.77	-128.35	-4,175.99	785.59	621.82	163.76	4.797		
12,100.00	6,865.62	12,155.68	6,998.56	84.49	82.96	-99.73	-129.01	-4,275.94	786.39	619.38	167.01	4.709		
12,200.00	6,863.21	12,255.68	6,995.75	86.13	84.59	-99.68	-129.67	-4,375.90	787.19	616.94	170.25	4.624		
12,300.00	6,860.80	12,355.67	6,992.93	87.76	86.22	-99.64	-130.33	-4,475.85	788.00	614.50	173.50	4.542		
12,400.00	6,858.40	12,455.67	6,990.11	89.40	87.86	-99.60	-130.99	-4,575.80	788.80	612.05	176.75	4.463		
12,500.00	6,855.99	12,555.66	6,987.29	91.03	89.49	-99.56	-131.65	-4,675.76	789.61	609.60	180.01	4.386		
12,600.00	6,853.58	12,655.66	6,984.47	92.67	91.13	-99.52	-132.31	-4,775.71	790.41	607.15	183.27	4.313		
12,700.00	6,851.18	12,755.66	6,981.66	94.31	92.77	-99.48	-132.97	-4,875.66	791.22	604.69	186.53	4.242		
12,800.00	6,848.77	12,855.65	6,978.84	95.95	94.41	-99.44	-133.63	-4,975.62	792.03	602.23	189.79	4.173		
12,900.00	6,846.36	12,955.65	6,976.02	97.59	96.05	-99.40	-134.29	-5,075.57	792.83	599.77	193.06	4.107		
13,000.00	6,843.96	13,055.64	6,973.20	99.23	97.69	-99.36	-134.95	-5,175.52	793.64	597.31	196.33	4.042		
13,100.00	6,841.55	13,155.64	6,970.39	100.88	99.33	-99.32	-135.62	-5,275.48	794.45	594.85	199.60	3.980		
13,200.00	6,839.15	13,255.63	6,967.57	102.52	100.98	-99.28	-136.28	-5,375.43	795.25	592.38	202.87	3.920		
13,300.00	6,836.74	13,355.63	6,964.75	104.17	102.62	-99.25	-136.94	-5,475.38	796.06	589.91	206.15	3.862		
13,400.00	6,834.33	13,455.62	6,961.93	105.81	104.27	-99.21	-137.60	-5,575.34	796.87	587.44	209.43	3.805		
13,500.00	6,831.93	13,555.62	6,959.12	107.46	105.91	-99.17	-138.26	-5,675.29	797.68	584.97	212.71	3.750		
13,600.00	6,829.52	13,655.61	6,956.30	109.11	107.56	-99.13	-138.92	-5,775.24	798.49	582.50	215.99	3.697		
13,700.00	6,827.11	13,755.61	6,953.48	110.75	109.21	-99.09	-139.58	-5,875.20	799.30	580.02	219.27	3.645		
13,800.00	6,824.71	13,855.60	6,950.66	112.40	110.86	-99.05	-140.24	-5,975.15	800.11	577.55	222.56	3.595		
13,900.00	6,822.30	13,955.60	6,947.84	114.05	112.51	-99.01	-140.90	-6,075.10	800.92	575.07	225.85	3.546		
14,000.00	6,819.90	14,055.59	6,945.03	115.70	114.16	-98.97	-141.56	-6,175.06	801.73	572.59	229.14	3.499		
14,100.00	6,817.49	14,155.59	6,942.21	117.35	115.81	-98.93	-142.22	-6,275.01	802.54	570.11	232.43	3.453		
14,200.00	6,815.08	14,255.58	6,939.39	119.01	117.46	-98.89	-142.88	-6,374.96	803.35	567.63	235.72	3.408		
14,300.00	6,812.68	14,355.58	6,936.57	120.66	119.11	-98.85	-143.54	-6,474.92	804.16	565.15	239.01	3.365		
14,400.00	6,810.27	14,455.57	6,933.76	122.31	120.76	-98.82	-144.21	-6,574.87	804.98	562.67	242.31	3.322		
14,500.00	6,807.86	14,555.57	6,930.94	123.96	122.41	-98.78	-144.87	-6,674.82	805.79	560.18	245.60	3.281		
14,600.00	6,805.46	14,655.56	6,928.12	125.62	124.07	-98.74	-145.53	-6,774.78	806.60	557.70	248.90	3.241		
14,700.00	6,803.05	14,755.56	6,925.30	127.27	125.72	-98.70	-146.19	-6,874.73	807.41	555.21	252.20	3.201		
14,800.00	6,800.65	14,855.56	6,922.49	128.93	127.37	-98.66	-146.85	-6,974.68	808.23	552.73	255.50	3.163		
14,900.00	6,798.24	14,955.55	6,919.67	130.58	129.03	-98.62	-147.51	-7,074.64	809.04	550.24	258.80	3.126		
15,000.00	6,795.83	15,055.55	6,916.85	132.24	130.68	-98.59	-148.17	-7,174.59	809.86	547.75	262.11	3.090		
15,100.00	6,793.43	15,155.54	6,914.03	133.89	132.34	-98.55	-148.83	-7,274.54	810.67	545.26	265.41	3.054		
15,200.00	6,791.02	15,255.54	6,911.21	135.55	133.99	-98.51	-149.49	-7,374.50	811.49	542.77	268.72	3.020		
15,300.00	6,788.61	15,355.53	6,908.40	137.21	135.65	-98.47	-150.15	-7,474.45	812.30	540.28	272.02	2.986		
15,383.95	6,786.59	15,434.13	6,906.18	138.60	136.95	-98.44	-150.67	-7,553.02	813.00	538.34	274.67	2.960 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	1.09	-119.99	120.00				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	1.09	-119.99	120.00	112.47	7.53	15.939	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	1.09	-119.99	120.00	112.43	7.57	15.844	
300.00	300.00	302.03	302.03	3.35	3.35	-150.27	0.92	-119.55	119.95	112.29	7.66	15.657	
400.00	399.93	406.03	405.95	3.42	3.41	-151.78	-0.45	-116.04	119.63	111.85	7.78	15.377	
500.00	499.68	509.79	509.44	3.51	3.50	-154.81	-3.19	-109.03	119.24	111.30	7.94	15.020	
553.03	552.47	564.68	564.05	3.56	3.56	-157.04	-5.19	-103.91	119.15	111.11	8.04	14.816 CC	
600.00	599.13	613.19	612.22	3.62	3.62	-159.35	-7.28	-98.58	119.24	111.10	8.14	14.647 ES	
700.00	698.15	716.07	714.01	3.76	3.77	-165.29	-12.68	-84.76	120.37	111.98	8.40	14.337	
800.00	796.63	816.76	813.14	3.94	3.96	-172.15	-19.11	-68.30	123.79	115.07	8.72	14.191	
900.00	894.70	915.45	910.21	4.15	4.18	-178.65	-25.60	-51.71	130.76	121.64	9.12	14.338	
1,000.00	992.76	1,014.14	1,007.27	4.40	4.42	175.57	-32.09	-35.11	139.30	129.74	9.56	14.566	
1,100.00	1,090.82	1,112.82	1,104.34	4.66	4.68	170.49	-38.57	-18.52	149.10	139.05	10.05	14.834	
1,200.00	1,188.88	1,211.51	1,201.41	4.95	4.97	166.05	-45.06	-1.93	159.94	149.36	10.58	15.121	
1,300.00	1,286.94	1,310.20	1,298.48	5.25	5.26	162.19	-51.54	14.66	171.61	160.47	11.14	15.409	
1,400.00	1,385.00	1,408.89	1,395.54	5.56	5.57	158.83	-58.03	31.26	183.95	172.23	11.72	15.691	
1,500.00	1,483.07	1,507.58	1,492.61	5.89	5.89	155.90	-64.52	47.85	196.85	184.52	12.33	15.960	
1,600.00	1,581.13	1,606.27	1,589.68	6.23	6.22	153.33	-71.00	64.44	210.20	197.23	12.96	16.213	
1,700.00	1,679.19	1,704.96	1,686.74	6.57	6.55	151.06	-77.49	81.03	223.91	210.30	13.61	16.449	
1,800.00	1,777.25	1,803.64	1,783.81	6.92	6.89	149.06	-83.97	97.63	237.93	223.66	14.27	16.676	
1,900.00	1,875.31	1,902.33	1,880.88	7.11	7.07	147.29	-90.46	114.22	252.20	237.94	14.26	17.686	
2,000.00	1,973.37	2,001.02	1,977.95	7.16	7.11	145.70	-96.95	130.81	266.69	252.34	14.35	18.582	
2,100.00	2,071.43	2,100.29	2,075.01	7.22	7.17	144.28	-103.43	147.40	281.36	266.88	14.48	19.436	
2,200.00	2,169.50	2,201.60	2,172.08	7.30	7.25	143.00	-109.92	164.00	296.18	281.55	14.63	20.241	
2,300.00	2,267.56	2,297.09	2,269.15	7.39	7.34	141.84	-116.40	180.59	311.13	296.32	14.81	21.001	
2,400.00	2,365.62	2,404.23	2,366.21	7.50	7.45	140.79	-122.89	197.18	326.20	311.16	15.04	21.690	
2,500.00	2,463.68	2,505.54	2,463.28	7.63	7.58	139.83	-129.38	213.77	341.36	326.08	15.29	22.332	
2,600.00	2,561.74	2,606.85	2,560.35	7.77	7.71	138.95	-135.86	230.37	356.61	341.05	15.56	22.918	
2,700.00	2,659.80	2,708.16	2,657.42	7.92	7.87	138.14	-142.35	246.96	371.94	356.08	15.86	23.450	
2,800.00	2,757.86	2,809.47	2,754.48	8.08	8.03	137.40	-148.83	263.55	387.33	371.14	16.19	23.929	
2,900.00	2,855.93	2,889.22	2,851.55	8.26	8.17	136.71	-155.32	280.14	402.78	386.28	16.50	24.415	
3,000.00	2,953.99	2,987.91	2,948.62	8.45	8.35	136.08	-161.81	296.74	418.28	401.42	16.86	24.808	
3,100.00	3,052.05	3,086.59	3,045.68	8.64	8.54	135.49	-168.29	313.33	433.83	416.59	17.24	25.158	
3,200.00	3,150.11	3,185.28	3,142.75	8.85	8.75	134.94	-174.78	329.92	449.43	431.78	17.65	25.468	
3,300.00	3,248.17	3,283.97	3,239.82	9.07	8.96	134.43	-181.26	346.51	465.06	446.99	18.07	25.741	
3,400.00	3,346.23	3,382.66	3,336.89	9.29	9.17	133.95	-187.75	363.11	480.72	462.22	18.50	25.980	
3,500.00	3,444.29	3,481.35	3,433.95	9.52	9.40	133.50	-194.23	379.70	496.41	477.46	18.95	26.190	
3,600.00	3,542.36	3,580.04	3,531.02	9.76	9.63	133.08	-200.72	396.29	512.13	492.71	19.42	26.371	
3,700.00	3,640.42	3,678.72	3,628.09	10.01	9.88	132.68	-207.21	412.89	527.88	507.98	19.90	26.529	
3,800.00	3,738.48	3,777.41	3,725.15	10.26	10.12	132.31	-213.69	429.48	543.65	523.26	20.39	26.664	
3,900.00	3,836.54	3,876.10	3,822.22	10.52	10.37	131.96	-220.18	446.07	559.44	538.55	20.89	26.779	
4,000.00	3,934.60	3,974.79	3,919.29	10.78	10.63	131.62	-226.66	462.66	575.25	553.85	21.40	26.877	
4,100.00	4,032.66	4,073.48	4,016.36	11.05	10.89	131.31	-233.15	479.26	591.08	569.16	21.93	26.958	
4,200.00	4,130.73	4,172.17	4,113.42	11.32	11.16	131.01	-239.64	495.85	606.93	584.47	22.46	27.026	
4,300.00	4,228.79	4,270.86	4,210.49	11.60	11.43	130.73	-246.12	512.44	622.79	599.79	23.00	27.082	
4,400.00	4,326.85	4,369.54	4,307.56	11.88	11.71	130.46	-252.61	529.03	638.66	615.12	23.54	27.127	
4,500.00	4,424.91	4,468.23	4,404.62	12.16	11.99	130.20	-259.09	545.63	654.55	630.45	24.10	27.162	
4,600.00	4,522.97	4,566.92	4,501.69	12.45	12.27	129.96	-265.58	562.22	670.45	645.79	24.66	27.188	
4,700.00	4,621.03	4,665.61	4,598.76	12.74	12.56	129.72	-272.07	578.81	686.36	661.14	25.23	27.207	
4,800.00	4,719.09	4,764.30	4,695.83	13.04	12.85	129.50	-278.55	595.40	702.29	676.49	25.80	27.220	
4,900.00	4,817.16	4,862.99	4,792.89	13.33	13.14	129.29	-285.04	612.00	718.22	691.84	26.38	27.226	
5,000.00	4,915.22	4,961.67	4,889.96	13.63	13.43	129.09	-291.52	628.59	734.16	707.20	26.96	27.227	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,013.28	5,060.36	4,987.03	13.94	13.73	128.89	-298.01	645.18	750.11	722.56	27.55	27.224		
5,200.00	5,111.34	5,159.05	5,084.09	14.24	14.03	128.71	-304.50	661.77	766.07	737.92	28.15	27.217		
5,300.00	5,209.40	5,257.74	5,181.16	14.55	14.33	128.53	-310.98	678.37	782.03	753.29	28.74	27.207		
5,400.00	5,307.46	5,356.43	5,278.23	14.86	14.64	128.36	-317.47	694.96	798.01	768.66	29.35	27.193		
5,500.00	5,405.52	5,455.12	5,375.30	15.17	14.94	128.19	-323.95	711.55	813.98	784.03	29.95	27.177		
5,600.00	5,503.59	5,553.81	5,472.36	15.48	15.25	128.03	-330.44	728.14	829.97	799.41	30.56	27.158		
5,700.00	5,601.65	5,652.49	5,569.43	15.79	15.56	127.88	-336.93	744.74	845.96	814.79	31.17	27.138		
5,800.00	5,699.71	5,751.18	5,666.50	16.11	15.87	127.73	-343.41	761.33	861.96	830.17	31.79	27.116		
5,900.00	5,797.77	5,849.87	5,763.56	16.43	16.18	127.59	-349.90	777.92	877.96	845.56	32.41	27.092		
6,000.00	5,895.83	5,948.56	5,860.63	16.74	16.49	127.45	-356.38	794.51	893.97	860.94	33.03	27.068		
6,100.00	5,993.89	6,047.25	5,957.70	17.06	16.81	127.32	-362.87	811.11	909.98	876.33	33.65	27.042		
6,200.00	6,091.95	6,145.94	6,054.77	17.39	17.13	127.20	-369.36	827.70	926.00	891.72	34.28	27.015		
6,300.00	6,190.02	6,244.62	6,151.83	17.71	17.44	127.07	-375.84	844.29	942.02	907.11	34.91	26.988		
6,400.00	6,288.39	6,343.25	6,248.84	17.99	17.76	146.00	-382.32	860.87	957.78	922.29	35.49	26.988		
6,500.00	6,387.80	6,440.54	6,344.53	18.17	18.08	-137.19	-388.72	877.23	971.90	935.92	35.97	27.016		
6,600.00	6,486.12	6,534.12	6,436.58	18.29	18.38	-106.75	-394.87	892.96	984.66	948.27	36.38	27.065		
6,700.00	6,580.94	6,618.28	6,519.88	18.34	18.56	-98.76	-400.35	903.16	997.28	960.67	36.61	27.242		
6,800.00	6,669.91	6,705.70	6,607.05	18.34	18.69	-95.88	-405.84	902.13	1,010.51	973.77	36.74	27.505		
6,900.00	6,750.85	6,799.07	6,699.07	18.32	18.77	-94.92	-411.37	887.85	1,024.20	987.40	36.80	27.828		
7,000.00	6,821.76	6,900.09	6,795.13	18.29	18.81	-94.95	-416.81	857.42	1,038.08	1,001.26	36.83	28.190		
7,100.00	6,880.90	7,010.90	6,893.54	18.28	18.79	-95.61	-421.99	807.04	1,051.72	1,014.89	36.83	28.556		
7,200.00	6,926.81	7,134.04	6,990.83	18.34	18.74	-96.72	-426.59	732.01	1,064.49	1,027.61	36.87	28.869		
7,300.00	6,958.36	7,272.07	7,080.50	18.50	18.70	-98.16	-430.09	627.49	1,075.50	1,038.45	37.05	29.026		
7,400.00	6,974.77	7,426.72	7,151.68	18.78	18.75	-99.77	-431.75	490.64	1,083.63	1,046.10	37.53	28.875		
7,500.00	6,976.30	7,597.37	7,189.58	19.17	19.03	-101.30	-430.70	324.78	1,087.53	1,049.07	38.46	28.278		
7,600.00	6,973.90	7,730.57	7,190.44	19.72	19.48	-101.53	-427.99	191.70	1,086.14	1,046.52	39.62	27.413		
7,700.00	6,971.49	7,830.55	7,187.78	20.41	19.99	-101.54	-425.75	91.79	1,084.11	1,043.26	40.85	26.540		
7,800.00	6,969.09	7,930.53	7,185.12	21.20	20.63	-101.55	-423.50	-8.13	1,082.08	1,039.78	42.30	25.580		
7,900.00	6,966.68	8,030.51	7,182.46	22.09	21.40	-101.56	-421.26	-108.05	1,080.05	1,036.09	43.96	24.570		
8,000.00	6,964.27	8,130.49	7,179.80	23.07	22.28	-101.57	-419.01	-207.97	1,078.02	1,032.23	45.79	23.540		
8,100.00	6,961.87	8,230.47	7,177.14	24.13	23.25	-101.58	-416.77	-307.89	1,075.99	1,028.20	47.79	22.514		
8,200.00	6,959.46	8,330.45	7,174.48	25.25	24.30	-101.58	-414.53	-407.81	1,073.96	1,024.03	49.93	21.509		
8,300.00	6,957.05	8,430.43	7,171.82	26.42	25.42	-101.59	-412.28	-507.73	1,071.93	1,019.74	52.19	20.538		
8,400.00	6,954.65	8,530.41	7,169.16	27.65	26.60	-101.60	-410.04	-607.65	1,069.90	1,015.34	54.56	19.610		
8,500.00	6,952.24	8,630.38	7,166.50	28.92	27.83	-101.61	-407.79	-707.56	1,067.87	1,010.85	57.02	18.727		
8,600.00	6,949.83	8,730.36	7,163.84	30.23	29.10	-101.62	-405.55	-807.48	1,065.84	1,006.27	59.57	17.892		
8,700.00	6,947.43	8,830.34	7,161.18	31.57	30.42	-101.63	-403.30	-907.40	1,063.81	1,001.63	62.19	17.107		
8,800.00	6,945.02	8,930.32	7,158.52	32.94	31.76	-101.63	-401.06	-1,007.32	1,061.78	996.92	64.87	16.368		
8,900.00	6,942.62	9,030.30	7,155.86	34.34	33.14	-101.64	-398.82	-1,107.24	1,059.75	992.15	67.60	15.676		
9,000.00	6,940.21	9,130.28	7,153.20	35.76	34.54	-101.65	-396.57	-1,207.16	1,057.72	987.33	70.39	15.027		
9,100.00	6,937.80	9,230.26	7,150.54	37.21	35.97	-101.66	-394.33	-1,307.08	1,055.69	982.48	73.22	14.418		
9,200.00	6,935.40	9,330.24	7,147.88	38.67	37.42	-101.67	-392.08	-1,406.99	1,053.66	977.58	76.09	13.848		
9,300.00	6,932.99	9,430.22	7,145.22	40.14	38.88	-101.68	-389.84	-1,506.91	1,051.64	972.65	78.99	13.314		
9,400.00	6,930.58	9,530.20	7,142.56	41.64	40.36	-101.69	-387.59	-1,606.83	1,049.61	967.69	81.92	12.813		
9,500.00	6,928.18	9,630.18	7,139.91	43.14	41.86	-101.69	-385.35	-1,706.75	1,047.58	962.70	84.88	12.342		
9,600.00	6,925.77	9,730.16	7,137.25	44.66	43.37	-101.70	-383.10	-1,806.67	1,045.55	957.69	87.86	11.900		
9,700.00	6,923.37	9,830.14	7,134.59	46.18	44.89	-101.71	-380.86	-1,906.59	1,043.52	952.65	90.87	11.484		
9,800.00	6,920.96	9,930.12	7,131.93	47.72	46.42	-101.72	-378.62	-2,006.51	1,041.49	947.60	93.89	11.092		
9,900.00	6,918.55	10,030.09	7,129.27	49.27	47.96	-101.73	-376.37	-2,106.43	1,039.46	942.52	96.94	10.723		
10,000.00	6,916.15	10,130.07	7,126.61	50.82	49.51	-101.74	-374.13	-2,206.34	1,037.43	937.43	100.00	10.375		
10,100.00	6,913.74	10,230.05	7,123.95	52.38	51.06	-101.75	-371.88	-2,306.26	1,035.40	932.33	103.07	10.046		
10,200.00	6,911.33	10,330.03	7,121.29	53.95	52.63	-101.76	-369.64	-2,406.18	1,033.37	927.21	106.16	9.734		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,430.01	7,118.63	55.52	54.20	-101.77	-367.39	-2,506.10	1,031.34	922.08	109.26	9.439	
10,400.00	6,906.52	10,529.99	7,115.97	57.10	55.78	-101.78	-365.15	-2,606.02	1,029.31	916.94	112.37	9.160	
10,500.00	6,904.12	10,629.97	7,113.31	58.68	57.36	-101.78	-362.91	-2,705.94	1,027.28	911.79	115.49	8.895	
10,600.00	6,901.71	10,729.95	7,110.65	60.27	58.95	-101.79	-360.66	-2,805.86	1,025.25	906.63	118.63	8.643	
10,700.00	6,899.30	10,829.93	7,107.99	61.87	60.54	-101.80	-358.42	-2,905.78	1,023.22	901.46	121.77	8.403	
10,800.00	6,896.90	10,929.91	7,105.33	63.46	62.13	-101.81	-356.17	-3,005.69	1,021.20	896.28	124.92	8.175	
10,900.00	6,894.49	11,029.89	7,102.67	65.06	63.73	-101.82	-353.93	-3,105.61	1,019.17	891.10	128.07	7.958	
11,000.00	6,892.08	11,129.87	7,100.01	66.67	65.34	-101.83	-351.68	-3,205.53	1,017.14	885.90	131.23	7.751	
11,100.00	6,889.68	11,229.85	7,097.35	68.28	66.94	-101.84	-349.44	-3,305.45	1,015.11	880.70	134.40	7.553	
11,200.00	6,887.27	11,329.83	7,094.69	69.89	68.56	-101.85	-347.19	-3,405.37	1,013.08	875.50	137.58	7.364	
11,300.00	6,884.87	11,429.80	7,092.03	71.50	70.17	-101.86	-344.95	-3,505.29	1,011.05	870.29	140.76	7.183	
11,400.00	6,882.46	11,529.78	7,089.37	73.12	71.78	-101.87	-342.71	-3,605.21	1,009.02	865.07	143.95	7.010	
11,500.00	6,880.05	11,629.76	7,086.71	74.74	73.40	-101.88	-340.46	-3,705.12	1,006.99	859.85	147.14	6.844	
11,600.00	6,877.65	11,729.74	7,084.05	76.36	75.02	-101.89	-338.22	-3,805.04	1,004.96	854.63	150.33	6.685	
11,700.00	6,875.24	11,829.72	7,081.39	77.98	76.65	-101.90	-335.97	-3,904.96	1,002.93	849.40	153.53	6.532	
11,800.00	6,872.83	11,929.70	7,078.73	79.61	78.27	-101.91	-333.73	-4,004.88	1,000.91	844.17	156.74	6.386	
11,900.00	6,870.43	12,029.68	7,076.07	81.23	79.90	-101.92	-331.48	-4,104.80	998.88	838.93	159.95	6.245	
12,000.00	6,868.02	12,129.66	7,073.41	82.86	81.53	-101.92	-329.24	-4,204.72	996.85	833.69	163.16	6.110	
12,100.00	6,865.62	12,229.64	7,070.75	84.49	83.16	-101.93	-327.00	-4,304.64	994.82	828.45	166.37	5.980	
12,200.00	6,863.21	12,329.62	7,068.09	86.13	84.80	-101.94	-324.75	-4,404.56	992.79	823.20	169.59	5.854	
12,300.00	6,860.80	12,429.60	7,065.43	87.76	86.43	-101.95	-322.51	-4,504.47	990.76	817.95	172.81	5.733	
12,400.00	6,858.40	12,529.58	7,062.77	89.40	88.07	-101.96	-320.26	-4,604.39	988.73	812.70	176.03	5.617	
12,500.00	6,855.99	12,629.56	7,060.11	91.03	89.70	-101.97	-318.02	-4,704.31	986.70	807.45	179.26	5.504	
12,600.00	6,853.58	12,729.54	7,057.45	92.67	91.34	-101.98	-315.77	-4,804.23	984.68	802.19	182.48	5.396	
12,700.00	6,851.18	12,829.51	7,054.79	94.31	92.98	-101.99	-313.53	-4,904.15	982.65	796.93	185.71	5.291	
12,800.00	6,848.77	12,929.49	7,052.13	95.95	94.62	-102.00	-311.28	-5,004.07	980.62	791.67	188.95	5.190	
12,900.00	6,846.36	13,029.47	7,049.47	97.59	96.27	-102.01	-309.04	-5,103.99	978.59	786.41	192.18	5.092	
13,000.00	6,843.96	13,129.45	7,046.81	99.23	97.91	-102.02	-306.80	-5,203.90	976.56	781.15	195.42	4.997	
13,100.00	6,841.55	13,229.43	7,044.15	100.88	99.55	-102.03	-304.55	-5,303.82	974.53	775.88	198.65	4.906	
13,200.00	6,839.15	13,329.41	7,041.49	102.52	101.20	-102.04	-302.31	-5,403.74	972.50	770.61	201.89	4.817	
13,300.00	6,836.74	13,429.39	7,038.83	104.17	102.85	-102.05	-300.06	-5,503.66	970.48	765.34	205.13	4.731	
13,400.00	6,834.33	13,529.37	7,036.17	105.81	104.49	-102.06	-297.82	-5,603.58	968.45	760.07	208.38	4.648	
13,500.00	6,831.93	13,629.35	7,033.51	107.46	106.14	-102.07	-295.57	-5,703.50	966.42	754.80	211.62	4.567	
13,600.00	6,829.52	13,723.26	7,031.01	109.11	107.69	-102.08	-293.52	-5,797.36	964.47	749.71	214.76	4.491	
13,654.49	6,828.21	13,764.26	7,029.92	110.00	108.36	-102.08	-293.16	-5,838.34	964.09	747.83	216.26	4.458	
13,700.00	6,827.11	13,800.00	7,028.97	110.75	108.95	-102.07	-293.32	-5,874.06	964.35	746.83	217.52	4.433	
13,800.00	6,824.71	13,873.68	7,027.01	112.40	110.16	-102.04	-295.06	-5,947.70	966.80	746.72	220.08	4.393	
13,900.00	6,822.30	13,960.74	7,024.69	114.05	111.58	-101.97	-299.16	-6,034.63	971.52	748.56	222.96	4.357	
14,000.00	6,819.90	14,060.60	7,022.04	115.70	113.22	-101.89	-304.15	-6,134.33	976.58	750.34	226.24	4.317	
14,100.00	6,817.49	14,160.47	7,019.39	117.35	114.86	-101.82	-309.14	-6,234.03	981.65	752.12	229.52	4.277	
14,200.00	6,815.08	14,260.33	7,016.73	119.01	116.50	-101.74	-314.14	-6,333.74	986.71	753.90	232.81	4.238	
14,300.00	6,812.68	14,360.19	7,014.08	120.66	118.13	-101.66	-319.13	-6,433.44	991.78	755.68	236.09	4.201	
14,400.00	6,810.27	14,460.06	7,011.42	122.31	119.77	-101.59	-324.13	-6,533.14	996.84	757.46	239.38	4.164	
14,500.00	6,807.86	14,559.92	7,008.77	123.96	121.41	-101.51	-329.12	-6,632.85	1,001.91	759.24	242.67	4.129	
14,600.00	6,805.46	14,659.78	7,006.12	125.62	123.06	-101.44	-334.12	-6,732.55	1,006.99	761.02	245.97	4.094	
14,700.00	6,803.05	14,759.65	7,003.46	127.27	124.70	-101.37	-339.11	-6,832.25	1,012.06	762.80	249.26	4.060	
14,800.00	6,800.65	14,859.51	7,000.81	128.93	126.34	-101.30	-344.11	-6,931.95	1,017.13	764.58	252.55	4.027	
14,900.00	6,798.24	14,959.37	6,998.15	130.58	127.98	-101.22	-349.10	-7,031.66	1,022.21	766.36	255.85	3.995	
15,000.00	6,795.83	15,059.23	6,995.50	132.24	129.63	-101.15	-354.09	-7,131.36	1,027.29	768.14	259.15	3.964	
15,100.00	6,793.43	15,159.10	6,992.84	133.89	131.27	-101.08	-359.09	-7,231.06	1,032.37	769.92	262.45	3.934	
15,200.00	6,791.02	15,258.96	6,990.19	135.55	132.91	-101.01	-364.08	-7,330.76	1,037.45	771.70	265.75	3.904	
15,300.00	6,788.61	15,358.82	6,987.54	137.21	134.56	-100.95	-369.08	-7,430.47	1,042.53	773.48	269.05	3.875	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,383.95	6,786.59	15,442.66	6,985.31	138.60	135.94	-100.89	-373.27	-7,514.17	1,046.80	774.98	271.82	3.851 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.82	3.67	-1,139.81	1,139.81				
100.00	100.00	101.00	101.00	3.28	3.28	-89.82	3.67	-1,139.81	1,139.81	1,132.29	7.53	151.391	
200.00	200.00	201.00	201.00	3.31	3.31	-89.82	3.67	-1,139.81	1,139.81	1,132.24	7.57	150.486	
200.00	200.00	201.00	201.00	3.31	3.31	-89.82	3.67	-1,139.81	1,139.81	1,132.24	7.57	150.486	
300.00	300.00	301.00	301.00	3.35	3.35	-150.42	3.67	-1,139.81	1,140.19	1,132.53	7.66	148.777	
400.00	399.93	400.93	400.93	3.42	3.42	-150.48	3.67	-1,139.81	1,143.23	1,135.43	7.80	146.654	
500.00	499.68	500.68	500.68	3.51	3.50	-150.59	3.67	-1,139.81	1,149.31	1,141.34	7.97	144.186	
600.00	599.13	600.13	600.13	3.62	3.61	-150.75	3.67	-1,139.81	1,158.43	1,150.24	8.19	141.476	
700.00	698.15	700.85	699.15	3.76	3.73	-150.97	3.67	-1,139.81	1,170.62	1,162.17	8.45	138.570	
800.00	796.63	802.37	797.63	3.94	3.88	-151.23	3.67	-1,139.81	1,185.87	1,177.12	8.75	135.541	
900.00	894.70	895.70	895.70	4.15	4.02	-151.65	3.67	-1,139.81	1,203.12	1,194.05	9.07	132.628	
1,000.00	992.76	1,063.15	1,063.06	4.40	4.28	-152.39	3.74	-1,135.16	1,217.80	1,208.30	9.50	128.139	
1,100.00	1,090.82	1,236.13	1,235.36	4.66	4.59	-153.14	3.96	-1,120.11	1,226.63	1,216.66	9.97	123.058	
1,200.00	1,188.88	1,410.30	1,407.61	4.95	4.96	-153.89	4.34	-1,094.48	1,229.51	1,219.04	10.47	117.475	
1,300.00	1,286.94	1,529.23	1,524.37	5.25	5.25	-154.41	4.67	-1,071.92	1,228.06	1,217.13	10.94	112.290	
1,400.00	1,385.00	1,628.77	1,622.05	5.56	5.53	-154.85	4.96	-1,052.74	1,226.49	1,215.08	11.41	107.515	
1,500.00	1,483.07	1,728.31	1,719.72	5.89	5.81	-155.29	5.24	-1,033.56	1,224.98	1,213.08	11.90	102.963	
1,600.00	1,581.13	1,827.85	1,817.40	6.23	6.07	-155.74	5.52	-1,014.38	1,223.55	1,211.35	12.20	100.306	
1,700.00	1,679.19	1,927.39	1,915.07	6.57	6.20	-156.18	5.81	-995.20	1,222.19	1,209.63	12.56	97.279	
1,800.00	1,777.25	2,026.93	2,012.75	6.92	6.24	-156.62	6.09	-976.03	1,220.91	1,208.05	12.86	94.914	
1,900.00	1,875.31	2,126.47	2,110.42	7.11	6.31	-157.06	6.38	-956.85	1,219.70	1,206.86	12.84	95.008	
2,000.00	1,973.37	2,226.01	2,208.10	7.16	6.39	-157.51	6.66	-937.67	1,218.57	1,205.65	12.91	94.361	
2,100.00	2,071.43	2,325.55	2,305.77	7.22	6.49	-157.96	6.94	-918.49	1,217.51	1,204.48	13.02	93.490	
2,200.00	2,169.50	2,425.09	2,403.45	7.30	6.60	-158.40	7.23	-899.31	1,216.52	1,203.35	13.16	92.413	
2,300.00	2,267.56	2,524.63	2,501.12	7.39	6.74	-158.85	7.51	-880.13	1,215.61	1,202.27	13.34	91.152	
2,400.00	2,365.62	2,624.17	2,598.80	7.50	6.89	-159.30	7.79	-860.95	1,214.77	1,201.23	13.54	89.729	
2,500.00	2,463.68	2,723.71	2,696.47	7.63	7.05	-159.75	8.08	-841.78	1,214.01	1,200.24	13.77	88.170	
2,600.00	2,561.74	2,823.25	2,794.15	7.77	7.23	-160.19	8.36	-822.60	1,213.32	1,199.29	14.03	86.500	
2,700.00	2,659.80	2,922.79	2,891.82	7.92	7.42	-160.64	8.64	-803.42	1,212.71	1,198.40	14.31	84.743	
2,800.00	2,757.86	3,022.33	2,989.50	8.08	7.62	-161.09	8.93	-784.24	1,212.17	1,197.55	14.62	82.921	
2,900.00	2,855.93	3,121.87	3,087.17	8.26	7.83	-161.54	9.21	-765.06	1,211.71	1,196.76	14.95	81.056	
3,000.00	2,953.99	3,221.41	3,184.85	8.45	8.06	-161.99	9.50	-745.88	1,211.33	1,196.02	15.30	79.165	
3,100.00	3,052.05	3,320.95	3,282.52	8.64	8.29	-162.45	9.78	-726.70	1,211.02	1,195.34	15.67	77.270	
3,200.00	3,150.11	3,420.49	3,380.19	8.85	8.53	-162.90	10.06	-707.53	1,210.78	1,194.72	16.06	75.378	
3,300.00	3,248.17	3,520.04	3,477.87	9.07	8.78	-163.35	10.35	-688.35	1,210.62	1,194.15	16.47	73.502	
3,400.00	3,346.23	3,619.58	3,575.54	9.29	9.03	-163.80	10.63	-669.17	1,210.54	1,193.65	16.89	71.654	
3,458.90	3,403.99	3,678.20	3,633.07	9.43	9.19	-164.06	10.80	-657.87	1,210.53	1,193.38	17.15	70.577	
3,500.00	3,444.29	3,719.12	3,673.22	9.52	9.30	-164.25	10.91	-649.99	1,210.53	1,193.20	17.33	69.840	
3,600.00	3,542.36	3,818.66	3,770.89	9.76	9.56	-164.70	11.20	-630.81	1,210.60	1,192.82	17.79	68.067	
3,700.00	3,640.42	3,918.20	3,868.57	10.01	9.84	-165.15	11.48	-611.63	1,210.75	1,192.50	18.25	66.340	
3,800.00	3,738.48	4,017.74	3,966.24	10.26	10.12	-165.60	11.76	-592.45	1,210.97	1,192.24	18.73	64.661	
3,900.00	3,836.54	4,117.28	4,063.92	10.52	10.40	-166.05	12.05	-573.28	1,211.26	1,192.05	19.22	63.032	
4,000.00	3,934.60	4,216.82	4,161.59	10.78	10.69	-166.50	12.33	-554.10	1,211.64	1,191.92	19.72	61.457	
4,100.00	4,032.66	4,316.36	4,259.27	11.05	10.98	-166.95	12.62	-534.92	1,212.08	1,191.86	20.22	59.934	
4,200.00	4,130.73	4,415.90	4,356.94	11.32	11.27	-167.40	12.90	-515.74	1,212.61	1,191.87	20.74	58.463	
4,300.00	4,228.79	4,515.44	4,454.62	11.60	11.57	-167.85	13.18	-496.56	1,213.21	1,191.94	21.27	57.046	
4,400.00	4,326.85	4,614.98	4,552.29	11.88	11.87	-168.30	13.47	-477.38	1,213.88	1,192.08	21.80	55.680	
4,500.00	4,424.91	4,714.52	4,649.97	12.16	12.18	-168.75	13.75	-458.20	1,214.63	1,192.29	22.34	54.365	
4,600.00	4,522.97	4,814.06	4,747.64	12.45	12.49	-169.20	14.03	-439.02	1,215.45	1,192.56	22.89	53.100	
4,700.00	4,621.03	4,913.60	4,845.32	12.74	12.80	-169.65	14.32	-419.85	1,216.35	1,192.91	23.44	51.882	
4,800.00	4,719.09	5,013.14	4,942.99	13.04	13.11	-170.09	14.60	-400.67	1,217.32	1,193.32	24.00	50.711	
4,900.00	4,817.16	5,112.68	5,040.67	13.33	13.42	-170.54	14.89	-381.49	1,218.37	1,193.80	24.57	49.585	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,000.00	4,915.22	5,212.22	5,138.34	13.63	13.74	-170.98	15.17	-362.31	1,219.49	1,194.35	25.14	48.502	
5,100.00	5,013.28	5,311.76	5,236.01	13.94	14.06	-171.43	15.45	-343.13	1,220.69	1,194.97	25.72	47.461	
5,200.00	5,111.34	5,411.30	5,333.69	14.24	14.38	-171.87	15.74	-323.95	1,221.96	1,195.66	26.30	46.460	
5,300.00	5,209.40	5,510.84	5,431.36	14.55	14.70	-172.32	16.02	-304.77	1,223.30	1,196.42	26.89	45.496	
5,400.00	5,307.46	5,610.38	5,529.04	14.86	15.02	-172.76	16.30	-285.60	1,224.72	1,197.24	27.48	44.570	
5,500.00	5,405.52	5,709.92	5,626.71	15.17	15.34	-173.20	16.59	-266.42	1,226.21	1,198.14	28.07	43.679	
5,600.00	5,503.59	5,809.46	5,724.39	15.48	15.67	-173.64	16.87	-247.24	1,227.78	1,199.10	28.67	42.821	
5,700.00	5,601.65	5,909.00	5,822.06	15.79	16.00	-174.07	17.15	-228.06	1,229.41	1,200.14	29.27	41.996	
5,800.00	5,699.71	6,008.54	5,919.74	16.11	16.32	-174.51	17.44	-208.88	1,231.12	1,201.24	29.88	41.201	
5,900.00	5,797.77	6,108.08	6,017.41	16.43	16.65	-174.95	17.72	-189.70	1,232.90	1,202.41	30.49	40.436	
6,000.00	5,895.83	6,207.62	6,115.09	16.74	16.98	-175.38	18.01	-170.52	1,234.75	1,203.65	31.10	39.698	
6,100.00	5,993.89	6,307.16	6,212.76	17.06	17.31	-175.82	18.29	-151.35	1,236.68	1,204.96	31.72	38.988	
6,200.00	6,091.95	6,406.70	6,310.44	17.39	17.65	-176.25	18.57	-132.17	1,238.67	1,206.33	32.34	38.303	
6,300.00	6,190.02	6,181.62	7,308.33	17.71	31.48	135.21	24.87	991.33	1,236.66	1,201.88	34.78	35.559	
6,400.00	6,288.39	8,203.89	7,308.27	17.99	31.77	145.31	24.92	1,005.82	1,152.96	1,116.94	36.02	32.006	
6,500.00	6,387.80	8,203.34	7,308.26	18.17	31.76	-150.96	24.92	1,006.36	1,071.13	1,033.89	37.24	28.763	
6,600.00	6,486.12	8,181.57	7,308.33	18.29	31.48	-129.45	24.87	991.28	993.58	955.17	38.41	25.866	
6,700.00	6,580.94	8,151.22	7,308.45	18.34	31.08	-126.74	24.76	960.93	922.77	883.17	39.60	23.303	
6,800.00	6,669.91	8,106.36	7,308.64	18.34	30.49	-126.34	24.59	916.06	860.75	820.08	40.67	21.162	
6,900.00	6,750.85	8,048.08	7,308.88	18.32	29.74	-125.70	24.38	857.79	808.93	767.36	41.57	19.459	
7,000.00	6,821.76	7,977.83	7,309.18	18.29	28.85	-124.47	24.12	787.55	767.88	725.68	42.20	18.194	
7,100.00	6,880.90	7,902.66	7,309.51	18.28	27.92	-122.82	23.83	707.05	737.34	694.75	42.59	17.311	
7,200.00	6,926.81	7,808.59	7,309.88	18.34	26.80	-121.06	23.51	618.30	716.36	673.76	42.60	16.817	
7,300.00	6,958.36	7,634.70	7,293.91	18.50	24.83	-116.95	22.84	445.62	699.81	657.78	42.03	16.652	
7,400.00	6,974.77	7,462.36	7,233.27	18.78	23.03	-111.76	22.12	284.87	678.71	637.10	41.61	16.311	
7,500.00	6,976.30	7,323.88	7,154.69	19.17	21.78	-106.40	21.53	171.18	656.68	615.27	41.40	15.860	
7,600.00	6,973.90	7,219.73	7,080.39	19.72	20.98	-99.99	21.10	98.35	635.83	594.39	41.43	15.346	
7,700.00	6,971.49	7,143.84	7,019.29	20.41	20.48	-94.49	20.80	53.42	620.86	579.25	41.61	14.919	
7,793.48	6,969.24	7,090.76	6,973.58	21.15	20.16	-90.31	20.60	26.47	615.77	573.95	41.82	14.724 CC, ES	
7,800.00	6,969.09	7,087.55	6,970.75	21.20	20.15	-90.05	20.59	24.97	615.80	573.97	41.83	14.721 SF	
7,900.00	6,966.68	7,044.77	6,932.28	22.09	19.92	-86.52	20.44	6.27	622.98	581.01	41.98	14.841	
8,000.00	6,964.27	7,011.42	6,901.47	23.07	19.76	-83.71	20.32	-6.48	643.23	601.24	41.99	15.319	
8,100.00	6,961.87	6,984.84	6,876.46	24.13	19.64	-81.44	20.24	-15.49	676.09	634.24	41.86	16.153	
8,200.00	6,959.46	6,963.22	6,855.86	25.25	19.54	-79.59	20.17	-22.04	720.28	678.68	41.61	17.311	
8,300.00	6,957.05	6,950.00	6,843.15	26.42	19.49	-78.46	20.13	-25.69	774.16	732.86	41.30	18.743	
8,400.00	6,954.65	6,930.30	6,824.09	27.65	19.42	-76.79	20.07	-30.65	835.97	795.02	40.95	20.415	
8,500.00	6,952.24	6,917.52	6,811.64	28.92	19.37	-75.70	20.03	-33.55	904.25	863.65	40.61	22.269	
8,600.00	6,949.83	6,901.59	6,796.05	30.23	19.31	-74.36	19.98	-36.82	977.75	937.47	40.28	24.274	
8,700.00	6,947.43	6,890.74	6,785.41	31.57	19.27	-73.45	19.95	-38.91	1,055.30	1,015.32	39.99	26.390	
8,800.00	6,945.02	6,869.12	6,764.19	32.94	19.20	-71.67	19.89	-43.07	1,136.01	1,096.28	39.73	28.591	
8,900.00	6,942.62	6,847.50	6,742.97	34.34	19.13	-69.92	19.83	-47.24	1,219.20	1,179.68	39.52	30.852	
9,000.00	6,940.21	6,825.88	6,721.75	35.76	19.05	-68.21	19.77	-51.40	1,304.39	1,265.05	39.34	33.157	
9,100.00	6,937.80	6,804.25	6,700.54	37.21	18.98	-66.54	19.71	-55.57	1,391.22	1,352.03	39.19	35.497	
9,200.00	6,935.40	6,782.63	6,679.32	38.67	18.91	-64.92	19.64	-59.74	1,479.39	1,440.32	39.07	37.862	
9,300.00	6,932.99	6,761.01	6,658.10	40.14	18.84	-63.33	19.58	-63.90	1,568.69	1,529.71	38.98	40.244	
9,400.00	6,930.58	6,739.39	6,636.89	41.64	18.76	-61.79	19.52	-68.07	1,658.93	1,620.02	38.91	42.639	
9,500.00	6,928.18	6,717.76	6,615.67	43.14	18.69	-60.29	19.46	-72.23	1,749.96	1,711.11	38.85	45.043	
9,600.00	6,925.77	6,703.86	6,594.45	44.66	18.64	-58.84	19.40	-76.40	1,841.67	1,802.83	38.84	47.422	
9,700.00	6,923.37	6,674.52	6,573.24	46.18	18.54	-57.43	19.34	-80.57	1,933.95	1,895.17	38.79	49.859	
9,800.00	6,920.96	6,652.90	6,552.02	47.72	18.47	-56.06	19.27	-84.73	2,026.74	1,987.97	38.78	52.267	
9,900.00	6,918.55	6,631.28	6,530.80	49.27	18.40	-54.74	19.21	-88.90	2,119.97	2,081.19	38.78	54.672	
10,000.00	6,916.15	6,609.65	6,509.59	50.82	18.33	-53.46	19.15	-93.06	2,213.57	2,174.78	38.79	57.071	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	6,913.74	6,588.03	6,488.37	52.38	18.25	-52.22	19.09	-97.23	2,307.51	2,268.70	38.81	59.464	
10,200.00	6,911.33	6,566.41	6,467.15	53.95	18.18	-51.02	19.03	-101.40	2,401.74	2,362.91	38.83	61.849	
10,300.00	6,908.93	6,544.79	6,445.93	55.52	18.11	-49.86	18.97	-105.56	2,496.24	2,457.37	38.87	64.225	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.81	3.67	-1,119.76	1,119.77				
100.00	100.00	101.00	101.00	3.28	3.28	-89.81	3.67	-1,119.76	1,119.77	1,112.24	7.53	148.728	
200.00	200.00	201.00	201.00	3.31	3.31	-89.81	3.67	-1,119.76	1,119.77	1,112.19	7.57	147.839	
300.00	300.00	352.20	352.15	3.35	3.38	-150.46	3.26	-1,116.74	1,118.29	1,110.61	7.69	145.502	
400.00	399.93	514.93	514.41	3.42	3.52	-150.73	1.66	-1,104.73	1,113.94	1,106.09	7.86	141.787	
500.00	499.68	676.71	674.78	3.51	3.73	-151.23	-1.14	-1,083.75	1,107.05	1,098.96	8.09	136.858	
600.00	599.13	808.47	787.92	3.62	3.97	-151.75	-3.72	-1,064.39	1,099.24	1,090.87	8.38	131.245	
700.00	698.15	909.01	888.88	3.76	4.19	-152.27	-5.99	-1,047.37	1,094.40	1,085.72	8.68	126.148	
800.00	796.63	1,009.62	983.78	3.94	4.43	-152.85	-8.26	-1,030.36	1,092.73	1,083.71	9.02	121.148	
809.85	806.30	1,000.16	993.42	3.96	4.40	-152.91	-8.49	-1,028.69	1,092.73	1,083.71	9.02	121.174	
900.00	894.70	1,089.67	1,081.59	4.15	4.64	-153.47	-10.53	-1,013.37	1,093.17	1,083.81	9.36	116.778	
1,000.00	992.76	1,188.96	1,179.39	4.40	4.91	-154.09	-12.80	-996.39	1,093.77	1,084.00	9.77	111.919	
1,100.00	1,090.82	1,288.25	1,277.19	4.66	5.19	-154.70	-15.07	-979.40	1,094.50	1,084.29	10.21	107.168	
1,200.00	1,188.88	1,387.54	1,374.99	4.95	5.49	-155.32	-17.33	-962.41	1,095.36	1,084.68	10.68	102.598	
1,300.00	1,286.94	1,486.83	1,472.79	5.25	5.80	-155.94	-19.60	-945.42	1,096.35	1,085.18	11.16	98.222	
1,400.00	1,385.00	1,586.12	1,570.59	5.56	6.12	-156.55	-21.87	-928.43	1,097.46	1,085.80	11.67	94.078	
1,500.00	1,483.07	1,685.41	1,668.39	5.89	6.44	-157.16	-24.14	-911.44	1,098.70	1,086.52	12.18	90.172	
1,600.00	1,581.13	1,784.70	1,766.19	6.23	6.78	-157.77	-26.40	-894.45	1,100.07	1,087.36	12.72	86.502	
1,700.00	1,679.19	1,883.99	1,863.99	6.57	6.98	-158.38	-28.67	-877.47	1,101.57	1,088.59	12.98	84.886	
1,800.00	1,777.25	1,983.29	1,961.79	6.92	7.04	-158.99	-30.94	-860.48	1,103.19	1,089.90	13.29	82.989	
1,900.00	1,875.31	2,082.58	2,059.59	7.11	7.10	-159.60	-33.21	-843.49	1,104.94	1,091.68	13.26	83.308	
2,000.00	1,973.37	2,181.87	2,157.39	7.16	7.17	-160.20	-35.47	-826.50	1,106.81	1,093.48	13.33	83.015	
2,100.00	2,071.43	2,281.16	2,255.19	7.22	7.25	-160.80	-37.74	-809.51	1,108.81	1,095.37	13.43	82.538	
2,200.00	2,169.50	2,380.45	2,352.99	7.30	7.35	-161.40	-40.01	-792.52	1,110.93	1,097.36	13.57	81.888	
2,300.00	2,267.56	2,479.74	2,450.79	7.39	7.46	-162.00	-42.28	-775.53	1,113.17	1,099.44	13.73	81.081	
2,400.00	2,365.62	2,579.03	2,548.59	7.50	7.59	-162.60	-44.54	-758.55	1,115.54	1,101.62	13.92	80.132	
2,500.00	2,463.68	2,678.32	2,646.39	7.63	7.73	-163.19	-46.81	-741.56	1,118.03	1,103.88	14.14	79.059	
2,600.00	2,561.74	2,777.61	2,744.19	7.77	7.88	-163.78	-49.08	-724.57	1,120.63	1,106.25	14.39	77.882	
2,700.00	2,659.80	2,876.90	2,841.99	7.92	8.04	-164.37	-51.35	-707.58	1,123.36	1,108.70	14.66	76.618	
2,800.00	2,757.86	2,976.19	2,939.79	8.08	8.22	-164.95	-53.62	-690.59	1,126.21	1,111.25	14.96	75.286	
2,900.00	2,855.93	3,075.48	3,037.59	8.26	8.40	-165.53	-55.88	-673.60	1,129.17	1,113.89	15.28	73.903	
3,000.00	2,953.99	3,174.77	3,135.39	8.45	8.60	-166.11	-58.15	-656.61	1,132.26	1,116.63	15.62	72.484	
3,100.00	3,052.05	3,274.06	3,233.19	8.64	8.80	-166.69	-60.42	-639.63	1,135.45	1,119.47	15.98	71.042	
3,200.00	3,150.11	3,373.35	3,330.99	8.85	9.01	-167.26	-62.69	-622.64	1,138.77	1,122.40	16.36	69.591	
3,300.00	3,248.17	3,472.64	3,428.79	9.07	9.23	-167.83	-64.95	-605.65	1,142.19	1,125.43	16.76	68.140	
3,400.00	3,346.23	3,571.94	3,526.59	9.29	9.46	-168.39	-67.22	-588.66	1,145.73	1,128.56	17.18	66.700	
3,500.00	3,444.29	3,671.23	3,624.39	9.52	9.69	-168.95	-69.49	-571.67	1,149.39	1,131.78	17.61	65.276	
3,600.00	3,542.36	3,770.52	3,722.19	9.76	9.93	-169.51	-71.76	-554.68	1,153.15	1,135.10	18.05	63.876	
3,700.00	3,640.42	3,869.81	3,819.99	10.01	10.17	-170.07	-74.02	-537.69	1,157.02	1,138.51	18.51	62.503	
3,800.00	3,738.48	3,969.10	3,917.79	10.26	10.42	-170.62	-76.29	-520.71	1,161.01	1,142.02	18.98	61.163	
3,900.00	3,836.54	4,068.39	4,015.59	10.52	10.68	-171.16	-78.56	-503.72	1,165.10	1,145.63	19.46	59.857	
4,000.00	3,934.60	4,167.68	4,113.39	10.78	10.94	-171.71	-80.83	-486.73	1,169.29	1,149.34	19.96	58.588	
4,100.00	4,032.66	4,266.97	4,211.19	11.05	11.20	-172.25	-83.09	-469.74	1,173.60	1,153.13	20.46	57.356	
4,200.00	4,130.73	4,366.26	4,308.99	11.32	11.47	-172.78	-85.36	-452.75	1,178.00	1,157.03	20.97	56.164	
4,300.00	4,228.79	4,465.55	4,406.79	11.60	11.74	-173.31	-87.63	-435.76	1,182.51	1,161.02	21.50	55.011	
4,400.00	4,326.85	4,564.84	4,504.59	11.88	12.02	-173.84	-89.90	-418.77	1,187.12	1,165.10	22.03	53.896	
4,500.00	4,424.91	4,664.13	4,602.39	12.16	12.30	-174.36	-92.16	-401.79	1,191.84	1,169.27	22.56	52.821	
4,600.00	4,522.97	4,763.42	4,700.19	12.45	12.58	-174.88	-94.43	-384.80	1,196.65	1,173.54	23.11	51.783	
4,700.00	4,621.03	4,862.71	4,797.99	12.74	12.87	-175.40	-96.70	-367.81	1,201.56	1,177.90	23.66	50.783	
4,800.00	4,719.09	4,962.00	4,895.79	13.04	13.15	-175.91	-98.97	-350.82	1,206.57	1,182.35	24.22	49.820	
4,900.00	4,817.16	5,061.30	4,993.59	13.33	13.44	-176.41	-101.23	-333.83	1,211.67	1,186.89	24.78	48.891	
5,000.00	4,915.22	5,160.59	5,091.39	13.63	13.74	-176.92	-103.50	-316.84	1,216.87	1,191.51	25.35	47.998	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,013.28	5,259.88	5,189.19	13.94	14.03	-177.41	-105.77	-299.85	1,222.16	1,196.23	25.93	47.137	
5,200.00	5,111.34	5,359.17	5,286.99	14.24	14.33	-177.91	-108.04	-282.87	1,227.54	1,201.03	26.51	46.309	
5,300.00	5,209.40	5,458.46	5,384.79	14.55	14.63	-178.40	-110.30	-265.88	1,233.02	1,205.93	27.09	45.511	
5,400.00	5,307.46	5,557.75	5,482.60	14.86	14.93	-178.88	-112.57	-248.89	1,238.58	1,210.90	27.68	44.743	
5,500.00	5,405.52	5,657.04	5,580.40	15.17	15.23	-179.36	-114.84	-231.90	1,244.24	1,215.96	28.28	44.004	
5,600.00	5,503.59	5,756.33	5,678.20	15.48	15.53	-179.84	-117.11	-214.91	1,249.98	1,221.11	28.87	43.292	
5,700.00	5,601.65	5,855.62	5,776.00	15.79	15.84	179.69	-119.37	-197.92	1,255.81	1,226.33	29.47	42.606	
5,800.00	5,699.71	5,954.91	5,873.80	16.11	16.14	179.22	-121.64	-180.93	1,261.72	1,231.64	30.08	41.946	
5,900.00	5,797.77	6,054.20	5,971.60	16.43	16.45	178.76	-123.91	-163.95	1,267.72	1,237.03	30.69	41.310	
6,000.00	5,895.83	6,153.49	6,069.40	16.74	16.76	178.30	-126.18	-146.96	1,273.80	1,242.50	31.30	40.696	
6,100.00	5,993.89	6,252.78	6,167.20	17.06	17.07	177.84	-128.44	-129.97	1,279.96	1,248.04	31.91	40.106	
6,200.00	6,091.95	7,987.05	7,126.21	17.39	30.26	131.04	-145.11	976.44	1,242.70	1,206.59	36.11	34.415	
6,300.00	6,190.02	8,003.74	7,126.14	17.71	30.48	129.88	-145.01	993.13	1,168.06	1,130.51	37.55	31.105	
6,400.00	6,288.39	8,018.22	7,126.07	17.99	30.67	142.60	-144.93	1,007.61	1,097.01	1,057.89	39.12	28.044	
6,500.00	6,387.80	8,018.76	7,126.07	18.17	30.68	-148.98	-144.92	1,008.15	1,030.04	989.39	40.65	25.337	
6,600.00	6,486.12	8,003.67	7,126.14	18.29	30.47	-123.61	-145.01	993.05	969.57	927.49	42.08	23.040	
6,700.00	6,580.94	7,973.32	7,126.27	18.34	30.08	-118.00	-145.20	962.70	917.75	874.44	43.31	21.191	
6,800.00	6,669.91	7,928.45	7,126.48	18.34	29.50	-115.37	-145.47	917.84	875.95	831.74	44.21	19.812	
6,900.00	6,750.85	7,870.17	7,126.74	18.32	28.75	-112.91	-145.82	859.56	844.55	799.82	44.73	18.882	
7,000.00	6,821.76	7,800.08	7,127.05	18.29	27.87	-110.15	-146.24	789.31	822.88	778.04	44.83	18.355	
7,100.00	6,880.90	7,719.43	7,127.41	18.28	26.90	-107.23	-146.73	708.82	809.38	764.80	44.59	18.154 SF	
7,200.00	6,926.81	7,630.67	7,127.80	18.34	25.86	-104.49	-147.26	620.06	802.07	757.97	44.10	18.189	
7,300.00	6,958.36	7,515.14	7,124.38	18.50	24.57	-101.72	-147.86	504.66	798.26	754.95	43.32	18.428	
7,400.00	6,974.77	7,388.83	7,098.58	18.78	23.22	-98.69	-147.97	381.23	793.64	751.13	42.51	18.669	
7,500.00	6,976.30	7,273.87	7,054.35	19.17	22.10	-95.69	-147.53	275.29	788.36	746.48	41.88	18.825	
7,600.00	6,973.90	7,175.13	7,001.68	19.72	21.23	-92.01	-146.74	191.89	783.69	742.20	41.49	18.888	
7,677.50	6,972.03	7,110.89	6,960.75	20.25	20.72	-89.10	-146.05	142.42	782.25	740.91	41.34	18.923 CC, ES	
7,700.00	6,971.49	7,094.10	6,949.24	20.41	20.59	-88.28	-145.84	130.19	782.39	741.09	41.30	18.945	
7,800.00	6,969.09	7,028.40	6,901.25	21.20	20.13	-84.85	-144.94	85.37	786.95	745.71	41.24	19.083	
7,900.00	6,966.68	6,975.11	6,859.09	22.09	19.79	-81.85	-144.12	52.81	799.11	757.86	41.25	19.372	
8,000.00	6,964.27	6,931.59	6,822.74	23.07	19.53	-79.29	-143.38	28.91	819.80	778.51	41.28	19.858	
8,100.00	6,961.87	6,900.00	6,795.38	24.13	19.35	-77.38	-142.81	13.15	849.29	807.96	41.33	20.550	
8,200.00	6,959.46	6,865.75	6,764.87	25.25	19.17	-75.27	-142.16	-2.39	887.25	845.96	41.29	21.486	
8,300.00	6,957.05	6,840.51	6,741.87	26.42	19.05	-73.71	-141.67	-12.78	933.10	891.85	41.25	22.620	
8,400.00	6,954.65	6,819.00	6,721.95	27.65	18.95	-72.37	-141.23	-20.90	986.00	944.82	41.18	23.944	
8,500.00	6,952.24	6,800.00	6,704.15	28.92	18.86	-71.19	-140.84	-27.52	1,045.07	1,003.99	41.08	25.440	
8,600.00	6,949.83	6,784.42	6,689.41	30.23	18.80	-70.23	-140.51	-32.54	1,109.47	1,068.50	40.97	27.079	
8,700.00	6,947.43	6,770.35	6,676.00	31.57	18.74	-69.36	-140.21	-36.77	1,178.41	1,137.56	40.85	28.846	
8,800.00	6,945.02	6,750.00	6,656.43	32.94	18.66	-68.10	-139.77	-42.36	1,251.29	1,210.57	40.72	30.731	
8,900.00	6,942.62	6,750.00	6,656.43	34.34	18.66	-68.10	-139.77	-42.36	1,327.33	1,286.73	40.61	32.685	
9,000.00	6,940.21	6,750.00	6,656.43	35.76	18.66	-68.10	-139.77	-42.36	1,406.38	1,365.89	40.49	34.730	
9,100.00	6,937.80	6,728.28	6,635.37	37.21	18.58	-66.77	-139.29	-47.63	1,487.48	1,447.09	40.38	36.835	
9,200.00	6,935.40	6,720.31	6,627.59	38.67	18.55	-66.28	-139.11	-49.38	1,570.77	1,530.49	40.28	38.997	
9,300.00	6,932.99	6,700.00	6,607.69	40.14	18.48	-65.06	-138.66	-53.41	1,655.98	1,615.79	40.19	41.205	
9,400.00	6,930.58	6,700.00	6,607.69	41.64	18.48	-65.06	-138.66	-53.41	1,742.38	1,702.28	40.10	43.452	
9,500.00	6,928.18	6,700.00	6,607.69	43.14	18.48	-65.06	-138.66	-53.41	1,830.17	1,790.16	40.01	45.737	
9,600.00	6,925.77	6,701.41	6,609.09	44.66	18.49	-65.14	-138.69	-53.21	1,919.12	1,879.19	39.94	48.056	
9,700.00	6,923.37	6,681.93	6,589.90	46.18	18.43	-63.98	-138.24	-56.54	2,009.06	1,969.18	39.89	50.368	
9,800.00	6,920.96	6,662.45	6,570.72	47.72	18.36	-62.84	-137.80	-59.87	2,099.74	2,059.88	39.85	52.689	
9,900.00	6,918.55	6,642.97	6,551.53	49.27	18.30	-61.72	-137.35	-63.21	2,191.05	2,151.22	39.83	55.016	
10,000.00	6,916.15	6,623.49	6,532.34	50.82	18.24	-60.62	-136.91	-66.54	2,282.92	2,243.11	39.81	57.346	
10,100.00	6,913.74	6,604.01	6,513.15	52.38	18.18	-59.54	-136.47	-69.87	2,375.29	2,335.48	39.80	59.677	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	6,911.33	6,584.53	6,493.96	53.95	18.12	-58.48	-136.02	-73.21	2,468.10	2,428.29	39.80	62.007		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	-89.81	3.67	-1,099.72	1,099.72				
100.00	100.00	100.00	100.00	3.28	3.28	-89.81	3.67	-1,099.72	1,099.72	1,092.19	7.53	146.068	
200.00	200.00	200.00	200.00	3.31	3.31	-89.81	3.67	-1,099.72	1,099.72	1,092.15	7.57	145.199	
300.00	300.00	357.46	357.38	3.35	3.38	-150.51	2.33	-1,095.60	1,097.49	1,089.80	7.69	142.779	
400.00	399.93	514.28	513.65	3.42	3.51	-150.91	-1.66	-1,083.34	1,092.70	1,084.85	7.85	139.138	
500.00	499.68	669.96	667.85	3.51	3.72	-151.61	-8.22	-1,063.14	1,085.82	1,077.74	8.09	134.291	
600.00	599.13	776.36	772.72	3.62	3.91	-152.26	-13.80	-1,045.98	1,078.92	1,070.57	8.34	129.323	
700.00	698.15	875.54	870.45	3.76	4.12	-152.94	-19.01	-1,029.93	1,075.17	1,066.53	8.64	124.416	
764.66	761.89	939.60	933.58	3.87	4.27	-153.41	-22.38	-1,019.56	1,074.48	1,065.62	8.86	121.268	
800.00	796.63	974.58	968.04	3.94	4.36	-153.67	-24.22	-1,013.89	1,074.69	1,065.70	8.99	119.597	
900.00	894.70	1,073.47	1,065.49	4.15	4.61	-154.45	-29.42	-997.89	1,076.40	1,067.03	9.37	114.863	
1,000.00	992.76	1,172.36	1,162.94	4.40	4.88	-155.22	-34.63	-981.88	1,078.34	1,068.55	9.79	110.153	
1,100.00	1,090.82	1,271.25	1,260.38	4.66	5.17	-155.99	-39.83	-965.87	1,080.49	1,070.25	10.24	105.544	
1,200.00	1,188.88	1,370.14	1,357.83	4.95	5.46	-156.76	-45.03	-949.86	1,082.83	1,072.12	10.71	101.123	
1,300.00	1,286.94	1,469.03	1,455.27	5.25	5.77	-157.53	-50.23	-933.85	1,085.38	1,074.17	11.20	96.876	
1,400.00	1,385.00	1,567.91	1,552.72	5.56	6.09	-158.29	-55.43	-917.85	1,088.12	1,076.40	11.72	92.862	
1,500.00	1,483.07	1,666.80	1,650.16	5.89	6.41	-159.05	-60.64	-901.84	1,091.06	1,078.81	12.25	89.082	
1,600.00	1,581.13	1,765.69	1,747.61	6.23	6.74	-159.81	-65.84	-885.83	1,094.19	1,081.39	12.79	85.535	
1,700.00	1,679.19	1,864.58	1,845.05	6.57	6.97	-160.56	-71.04	-869.82	1,097.51	1,084.42	13.09	83.856	
1,800.00	1,777.25	1,963.46	1,942.50	6.92	7.06	-161.30	-76.24	-853.82	1,101.03	1,087.59	13.44	81.950	
1,900.00	1,875.31	2,062.35	2,039.94	7.11	7.11	-162.04	-81.44	-837.81	1,104.73	1,091.32	13.41	82.382	
2,000.00	1,973.37	2,161.24	2,137.39	7.16	7.18	-162.78	-86.65	-821.80	1,108.62	1,095.14	13.48	82.218	
2,100.00	2,071.43	2,260.13	2,234.83	7.22	7.26	-163.51	-91.85	-805.79	1,112.70	1,099.11	13.59	81.877	
2,200.00	2,169.50	2,359.02	2,332.28	7.30	7.35	-164.24	-97.05	-789.79	1,116.96	1,103.23	13.73	81.367	
2,300.00	2,267.56	2,457.90	2,429.72	7.39	7.46	-164.96	-102.25	-773.78	1,121.40	1,107.50	13.90	80.702	
2,400.00	2,365.62	2,556.79	2,527.17	7.50	7.58	-165.67	-107.45	-757.77	1,126.02	1,111.93	14.09	79.898	
2,500.00	2,463.68	2,655.68	2,624.61	7.63	7.72	-166.38	-112.66	-741.76	1,130.82	1,116.50	14.32	78.971	
2,600.00	2,561.74	2,754.57	2,722.06	7.77	7.87	-167.08	-117.86	-725.76	1,135.79	1,121.21	14.57	77.939	
2,700.00	2,659.80	2,853.46	2,819.50	7.92	8.03	-167.78	-123.06	-709.75	1,140.93	1,126.08	14.85	76.819	
2,800.00	2,757.86	2,952.34	2,916.95	8.08	8.20	-168.47	-128.26	-693.74	1,146.24	1,131.09	15.16	75.630	
2,900.00	2,855.93	3,051.23	3,014.39	8.26	8.38	-169.15	-133.46	-677.73	1,151.72	1,136.24	15.48	74.387	
3,000.00	2,953.99	3,150.12	3,111.84	8.45	8.57	-169.83	-138.67	-661.72	1,157.37	1,141.54	15.83	73.105	
3,100.00	3,052.05	3,249.01	3,209.28	8.64	8.77	-170.50	-143.87	-645.72	1,163.18	1,146.98	16.20	71.798	
3,200.00	3,150.11	3,347.90	3,306.73	8.85	8.98	-171.16	-149.07	-629.71	1,169.15	1,152.56	16.59	70.477	
3,300.00	3,248.17	3,446.78	3,404.17	9.07	9.19	-171.82	-154.27	-613.70	1,175.27	1,158.28	17.00	69.153	
3,400.00	3,346.23	3,545.67	3,501.62	9.29	9.42	-172.47	-159.47	-597.69	1,181.55	1,164.14	17.42	67.835	
3,500.00	3,444.29	3,644.56	3,599.06	9.52	9.65	-173.12	-164.68	-581.69	1,187.99	1,170.13	17.86	66.530	
3,600.00	3,542.36	3,743.45	3,696.51	9.76	9.88	-173.75	-169.88	-565.68	1,194.58	1,176.27	18.31	65.244	
3,700.00	3,640.42	3,842.34	3,793.95	10.01	10.13	-174.38	-175.08	-549.67	1,201.31	1,182.53	18.78	63.981	
3,800.00	3,738.48	3,941.22	3,891.40	10.26	10.37	-175.01	-180.28	-533.66	1,208.19	1,188.93	19.25	62.747	
3,900.00	3,836.54	4,040.11	3,988.84	10.52	10.63	-175.62	-185.48	-517.66	1,215.21	1,195.46	19.75	61.544	
4,000.00	3,934.60	4,139.00	4,086.29	10.78	10.89	-176.23	-190.69	-501.65	1,222.37	1,202.13	20.25	60.373	
4,100.00	4,032.66	4,237.89	4,183.73	11.05	11.15	-176.83	-195.89	-485.64	1,229.67	1,208.92	20.76	59.236	
4,200.00	4,130.73	4,336.78	4,281.18	11.32	11.41	-177.43	-201.09	-469.63	1,237.11	1,215.83	21.28	58.135	
4,300.00	4,228.79	4,435.66	4,378.62	11.60	11.68	-178.02	-206.29	-453.63	1,244.68	1,222.87	21.81	57.070	
4,400.00	4,326.85	4,534.55	4,476.07	11.88	11.96	-178.60	-211.49	-437.62	1,252.38	1,230.03	22.35	56.040	
4,500.00	4,424.91	4,633.44	4,573.51	12.16	12.23	-179.17	-216.70	-421.61	1,260.21	1,237.32	22.89	55.046	
4,600.00	4,522.97	4,732.33	4,670.96	12.45	12.51	-179.74	-221.90	-405.60	1,268.17	1,244.72	23.45	54.087	
4,700.00	4,621.03	4,831.22	4,768.40	12.74	12.80	-179.70	-227.10	-389.60	1,276.24	1,252.24	24.01	53.162	
4,800.00	4,719.09	4,930.10	4,865.85	13.04	13.08	-179.15	-232.30	-373.59	1,284.45	1,259.87	24.57	52.271	
4,900.00	4,817.16	5,028.99	4,963.29	13.33	13.37	-178.60	-237.50	-357.58	1,292.76	1,267.62	25.14	51.413	
5,000.00	4,915.22	5,127.88	5,060.74	13.63	13.66	-178.07	-242.71	-341.57	1,301.20	1,275.48	25.72	50.587	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,013.28	5,226.77	5,158.18	13.94	13.95	177.53	-247.91	-325.56	1,309.75	1,283.45	26.30	49.791	
5,200.00	5,111.34	5,325.65	5,255.63	14.24	14.25	177.01	-253.11	-309.56	1,318.41	1,291.52	26.89	49.025	
5,300.00	5,209.40	5,424.54	5,353.07	14.55	14.55	176.49	-258.31	-293.55	1,327.19	1,299.70	27.48	48.288	
5,400.00	5,307.46	5,523.43	5,450.52	14.86	14.84	175.98	-263.51	-277.54	1,336.07	1,307.99	28.08	47.579	
5,500.00	5,405.52	5,622.32	5,547.96	15.17	15.15	175.47	-268.72	-261.53	1,345.06	1,316.37	28.68	46.896	
5,600.00	5,503.59	5,721.21	5,645.41	15.48	15.45	174.98	-273.92	-245.53	1,354.15	1,324.86	29.29	46.238	
5,700.00	5,601.65	5,820.09	5,742.85	15.79	15.75	174.48	-279.12	-229.52	1,363.34	1,333.44	29.89	45.605	
5,800.00	5,699.71	5,918.98	5,840.30	16.11	16.06	174.00	-284.32	-213.51	1,372.63	1,342.13	30.51	44.996	
5,900.00	5,797.77	6,017.87	5,937.74	16.43	16.36	173.52	-289.52	-197.50	1,382.02	1,350.90	31.12	44.409	
6,000.00	5,895.83	6,116.76	6,035.18	16.74	16.67	173.05	-294.73	-181.50	1,391.51	1,359.77	31.74	43.843	
6,100.00	5,993.89	6,215.65	6,132.63	17.06	16.98	172.58	-299.93	-165.49	1,401.08	1,368.73	32.36	43.298	
6,200.00	6,091.95	6,314.53	6,230.07	17.39	17.29	172.12	-305.13	-149.48	1,410.75	1,377.77	32.98	42.773	
6,300.00	6,190.02	6,413.42	6,325.92	17.71	17.60	171.67	-310.33	-133.47	1,420.42	1,386.82	33.60	42.248	
6,400.00	6,288.39	6,512.31	6,427.49	17.99	17.90	171.22	-315.53	-117.46	1,430.09	1,395.87	34.22	41.723	
6,500.00	6,387.80	6,611.20	6,526.38	18.17	18.08	170.77	-320.73	-101.45	1,439.76	1,404.92	34.84	41.198	
6,600.00	6,486.12	6,710.09	6,625.27	18.29	18.20	170.32	-325.92	-85.44	1,449.43	1,413.97	35.46	40.673	
6,700.00	6,584.94	6,808.98	6,719.07	18.34	18.25	169.87	-331.13	-69.43	1,459.10	1,423.02	36.08	40.148	
6,800.00	6,669.91	6,907.87	6,819.28	18.34	18.26	169.42	-336.33	-53.42	1,468.77	1,432.07	36.70	39.623	
6,900.00	6,750.85	6,997.90	6,915.56	18.32	18.24	168.97	-341.57	-37.41	1,478.44	1,441.12	37.32	39.098	
7,000.00	6,821.76	7,088.59	7,105.90	18.29	18.21	168.52	-346.76	-21.40	1,488.11	1,450.17	37.94	38.573	
7,100.00	6,880.90	7,187.04	7,196.28	18.28	18.20	168.07	-351.95	15.59	1,497.78	1,459.22	38.56	38.048	
7,200.00	6,926.81	7,218.25	7,196.70	18.34	18.26	167.62	-356.29	61.74	1,507.45	1,468.27	39.18	37.523	
7,300.00	6,958.36	7,297.19	7,194.69	18.50	18.42	167.17	-356.27	49.75	1,517.12	1,477.32	39.80	36.998	
7,400.00	6,974.77	7,434.90	7,160.54	18.78	18.70	166.72	-354.56	337.55	1,510.41	1,468.25	42.16	23.967	
7,500.00	6,976.30	7,294.70	7,099.71	19.17	19.09	166.27	-351.40	211.59	1,500.82	1,459.37	41.45	24.145	
7,600.00	6,973.90	7,181.88	7,031.69	19.72	19.64	165.82	-347.82	121.84	1,490.46	1,449.37	41.09	24.105	
7,700.00	6,971.49	7,095.40	6,969.44	20.41	20.34	165.37	-344.53	61.99	1,482.49	1,441.49	41.00	23.966	
7,797.37	6,969.15	7,030.78	6,917.95	21.18	19.94	165.00	-341.81	23.08	1,479.52	1,438.43	41.09	23.840	CC
7,800.00	6,969.09	7,029.25	6,916.69	21.20	19.93	164.55	-341.74	22.22	1,479.52	1,438.43	41.09	23.838	ES
7,900.00	6,966.68	6,978.05	6,873.20	22.09	19.64	164.10	-339.43	-4.66	1,483.28	1,441.99	41.30	23.811	
8,000.00	6,964.27	6,937.72	6,837.51	23.07	19.43	163.65	-337.54	-23.32	1,494.76	1,453.21	41.55	23.941	
8,100.00	6,961.87	6,905.38	6,808.08	24.13	19.27	163.20	-335.97	-36.63	1,504.36	1,462.55	41.81	24.260	
8,200.00	6,959.46	6,879.00	6,783.59	25.25	19.16	162.75	-334.67	-46.37	1,514.97	1,471.02	42.05	24.783	
8,300.00	6,957.05	6,850.00	6,756.24	26.42	19.03	162.30	-333.21	-55.89	1,525.57	1,479.57	42.20	25.535	
8,400.00	6,954.65	6,838.75	6,745.51	27.65	18.99	161.85	-332.64	-59.24	1,536.17	1,488.17	42.38	26.434	
8,500.00	6,952.24	6,823.11	6,730.51	28.92	18.93	161.40	-331.84	-63.59	1,546.77	1,496.77	42.47	27.536	
8,600.00	6,949.83	6,800.00	6,708.16	30.23	18.84	160.95	-330.65	-69.34	1,557.37	1,505.37	42.48	28.826	
8,700.00	6,947.43	6,800.00	6,708.16	31.57	18.84	160.50	-330.65	-69.34	1,567.97	1,513.97	42.53	30.207	
8,800.00	6,945.02	6,787.73	6,696.22	32.94	18.79	160.05	-330.01	-72.06	1,578.57	1,522.57	42.51	31.745	
8,900.00	6,942.62	6,778.69	6,687.38	34.34	18.76	159.60	-329.54	-73.91	1,589.17	1,531.17	42.48	33.389	
9,000.00	6,940.21	6,770.65	6,679.51	35.76	18.74	159.15	-329.12	-75.46	1,600.00	1,540.00	42.43	35.128	
9,100.00	6,937.80	6,755.07	6,664.18	37.21	18.68	158.70	-328.30	-78.17	1,610.60	1,549.60	42.36	36.961	
9,200.00	6,935.40	6,755.07	6,664.18	38.67	18.68	158.25	-328.30	-78.17	1,621.20	1,559.20	42.30	38.844	
9,300.00	6,932.99	6,742.41	6,651.71	40.14	18.64	157.80	-327.64	-80.22	1,631.80	1,568.80	42.23	40.801	
9,400.00	6,930.58	6,723.84	6,633.41	41.64	18.58	157.35	-326.66	-83.22	1,642.40	1,578.40	42.16	42.808	
9,500.00	6,928.18	6,705.28	6,615.12	43.14	18.53	156.90	-325.68	-86.23	1,653.00	1,587.99	42.10	44.853	
9,600.00	6,925.77	6,686.71	6,596.82	44.66	18.47	156.45	-324.71	-89.23	1,663.60	1,597.59	42.04	46.929	
9,700.00	6,923.37	6,668.15	6,578.53	46.18	18.41	156.00	-323.73	-92.24	1,674.20	1,607.19	41.99	49.031	
9,800.00	6,920.96	6,649.58	6,560.23	47.72	18.35	155.55	-322.75	-95.24	1,684.80	1,616.79	41.94	51.155	
9,900.00	6,918.55	6,631.01	6,541.94	49.27	18.29	155.10	-321.78	-98.25	1,695.40	1,626.39	41.91	53.297	
10,000.00	6,916.15	6,612.45	6,523.64	50.82	18.23	154.65	-320.80	-101.26	1,706.00	1,635.99	41.88	55.454	
10,100.00	6,913.74	6,606.12	6,505.35	52.38	18.21	154.20	-319.82	-104.26	1,716.60	1,645.59	41.89	57.573	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.80	4.03	-1,159.85	1,159.86				
100.00	100.00	101.00	101.00	3.28	3.28	-89.80	4.03	-1,159.85	1,159.86	1,152.33	7.53	154.053	
200.00	200.00	201.00	201.00	3.31	3.31	-89.80	4.03	-1,159.85	1,159.86	1,152.29	7.57	153.132	
200.00	200.00	201.00	201.00	3.31	3.31	-89.80	4.03	-1,159.85	1,159.86	1,152.29	7.57	153.132	
300.00	300.00	301.00	301.00	3.35	3.35	-150.41	4.03	-1,159.85	1,160.24	1,152.58	7.66	151.393	
400.00	399.93	400.93	400.93	3.42	3.42	-150.46	4.03	-1,159.85	1,163.28	1,155.48	7.80	149.225	
500.00	499.68	500.68	500.68	3.51	3.50	-150.57	4.03	-1,159.85	1,169.35	1,161.38	7.97	146.701	
600.00	599.13	600.13	600.13	3.62	3.61	-150.73	4.03	-1,159.85	1,178.48	1,170.29	8.19	143.924	
700.00	698.15	700.85	699.15	3.76	3.73	-150.94	4.03	-1,159.85	1,190.66	1,182.21	8.45	140.942	
800.00	796.63	802.37	797.63	3.94	3.88	-151.19	4.03	-1,159.85	1,205.91	1,197.16	8.75	137.831	
900.00	894.70	904.30	895.70	4.15	4.03	-151.60	4.03	-1,159.85	1,223.15	1,214.07	9.09	134.632	
1,000.00	992.76	1,006.24	993.76	4.40	4.20	-152.03	4.03	-1,159.85	1,240.50	1,231.05	9.45	131.324	
1,100.00	1,090.82	1,091.82	1,091.82	4.66	4.35	-152.45	4.03	-1,159.85	1,257.91	1,248.10	9.80	128.294	
1,200.00	1,188.88	1,261.62	1,261.53	4.95	4.65	-153.13	4.51	-1,155.32	1,272.85	1,262.54	10.31	123.463	
1,300.00	1,286.94	1,440.56	1,439.76	5.25	5.00	-153.80	6.15	-1,139.75	1,281.75	1,270.91	10.84	118.253	
1,400.00	1,385.00	1,620.91	1,618.04	5.56	5.40	-154.44	8.97	-1,112.88	1,284.47	1,273.08	11.39	112.763	
1,500.00	1,483.07	1,769.86	1,763.83	5.89	5.80	-154.95	12.15	-1,082.58	1,281.44	1,269.51	11.93	107.434	
1,600.00	1,581.13	1,869.48	1,861.04	6.23	6.00	-155.29	14.43	-1,060.93	1,277.28	1,265.11	12.18	104.903	
1,700.00	1,679.19	1,969.10	1,958.26	6.57	6.07	-155.64	16.70	-1,039.29	1,273.17	1,260.68	12.50	101.878	
1,800.00	1,777.25	2,068.72	2,055.47	6.92	6.13	-155.98	18.98	-1,017.64	1,269.11	1,256.31	12.81	99.097	
1,900.00	1,875.31	2,168.34	2,152.68	7.11	6.20	-156.33	21.25	-995.99	1,265.10	1,252.31	12.79	98.904	
2,000.00	1,973.37	2,267.96	2,249.90	7.16	6.30	-156.68	23.52	-974.35	1,261.13	1,248.25	12.88	97.919	
2,100.00	2,071.43	2,367.58	2,347.11	7.22	6.42	-157.03	25.80	-952.70	1,257.21	1,244.21	13.00	96.699	
2,200.00	2,169.50	2,467.20	2,444.33	7.30	6.55	-157.39	28.07	-931.05	1,253.34	1,240.18	13.16	95.268	
2,300.00	2,267.56	2,566.83	2,541.54	7.39	6.71	-157.75	30.35	-909.41	1,249.52	1,236.17	13.34	93.650	
2,400.00	2,365.62	2,666.45	2,638.76	7.50	6.88	-158.10	32.62	-887.76	1,245.74	1,232.18	13.56	91.875	
2,500.00	2,463.68	2,766.07	2,735.97	7.63	7.07	-158.47	34.89	-866.11	1,242.02	1,228.21	13.80	89.971	
2,600.00	2,561.74	2,865.69	2,833.19	7.77	7.27	-158.83	37.17	-844.47	1,238.34	1,224.26	14.08	87.966	
2,700.00	2,659.80	2,965.31	2,930.40	7.92	7.48	-159.19	39.44	-822.82	1,234.72	1,220.34	14.38	85.887	
2,800.00	2,757.86	3,064.93	3,027.62	8.08	7.71	-159.56	41.72	-801.17	1,231.14	1,216.44	14.70	83.758	
2,900.00	2,855.93	3,164.55	3,124.83	8.26	7.95	-159.93	43.99	-779.53	1,227.62	1,212.57	15.04	81.601	
3,000.00	2,953.99	3,264.17	3,222.04	8.45	8.20	-160.30	46.26	-757.88	1,224.15	1,208.74	15.41	79.436	
3,100.00	3,052.05	3,363.80	3,319.26	8.64	8.46	-160.68	48.54	-736.23	1,220.73	1,204.93	15.80	77.276	
3,200.00	3,150.11	3,463.42	3,416.47	8.85	8.73	-161.05	50.81	-714.59	1,217.36	1,201.16	16.20	75.155	
3,300.00	3,248.17	3,563.04	3,513.69	9.07	9.00	-161.43	53.09	-692.94	1,214.05	1,197.43	16.62	73.043	
3,400.00	3,346.23	3,662.66	3,610.90	9.29	9.28	-161.81	55.36	-671.29	1,210.79	1,193.73	17.06	70.980	
3,500.00	3,444.29	3,762.28	3,708.12	9.52	9.57	-162.19	57.64	-649.65	1,207.58	1,190.07	17.51	68.967	
3,600.00	3,542.36	3,861.90	3,805.33	9.76	9.86	-162.58	59.91	-628.00	1,204.43	1,186.45	17.97	67.008	
3,700.00	3,640.42	3,961.52	3,902.55	10.01	10.16	-162.96	62.18	-606.35	1,201.33	1,182.88	18.45	65.107	
3,800.00	3,738.48	4,061.14	3,999.76	10.26	10.47	-163.35	64.46	-584.71	1,198.29	1,179.35	18.94	63.265	
3,900.00	3,836.54	4,160.77	4,096.97	10.52	10.78	-163.74	66.73	-563.06	1,195.30	1,175.86	19.44	61.485	
4,000.00	3,934.60	4,260.39	4,194.19	10.78	11.09	-164.13	69.01	-541.42	1,192.37	1,172.42	19.95	59.767	
4,100.00	4,032.66	4,360.01	4,291.40	11.05	11.41	-164.52	71.28	-519.77	1,189.49	1,169.02	20.47	58.111	
4,200.00	4,130.73	4,459.63	4,388.62	11.32	11.73	-164.92	73.55	-498.12	1,186.68	1,165.68	21.00	56.517	
4,300.00	4,228.79	4,559.25	4,485.83	11.60	12.05	-165.32	75.83	-476.48	1,183.91	1,162.38	21.53	54.982	
4,400.00	4,326.85	4,658.87	4,583.05	11.88	12.38	-165.72	78.10	-454.83	1,181.21	1,159.13	22.08	53.506	
4,500.00	4,424.91	4,758.49	4,680.26	12.16	12.70	-166.12	80.38	-433.18	1,178.57	1,155.94	22.63	52.087	
4,600.00	4,522.97	4,858.11	4,777.48	12.45	13.04	-166.52	82.65	-411.54	1,175.98	1,152.79	23.18	50.724	
4,700.00	4,621.03	4,957.74	4,874.69	12.74	13.37	-166.92	84.92	-389.89	1,173.45	1,149.70	23.75	49.414	
4,800.00	4,719.09	5,057.36	4,971.90	13.04	13.70	-167.33	87.20	-368.24	1,170.98	1,146.66	24.32	48.156	
4,900.00	4,817.16	5,156.98	5,069.12	13.33	14.04	-167.74	89.47	-346.60	1,168.57	1,143.68	24.89	46.947	
5,000.00	4,915.22	5,256.60	5,166.33	13.63	14.38	-168.15	91.75	-324.95	1,166.22	1,140.75	25.47	45.785	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	5,013.28	5,356.22	5,263.55	13.94	14.72	-168.56	94.02	-303.30	1,163.93	1,137.87	26.06	44.669	
5,200.00	5,111.34	5,455.84	5,360.76	14.24	15.07	-168.97	96.30	-281.66	1,161.70	1,135.06	26.65	43.597	
5,300.00	5,209.40	5,555.46	5,457.98	14.55	15.41	-169.39	98.57	-260.01	1,159.53	1,132.29	27.24	42.566	
5,400.00	5,307.46	5,655.09	5,555.19	14.86	15.76	-169.80	100.84	-238.36	1,157.43	1,129.59	27.84	41.576	
5,500.00	5,405.52	5,754.71	5,652.41	15.17	16.10	-170.22	103.12	-216.72	1,155.38	1,126.94	28.44	40.623	
5,600.00	5,503.59	5,854.33	5,749.62	15.48	16.45	-170.64	105.39	-195.07	1,153.40	1,124.35	29.05	39.706	
5,700.00	5,601.65	5,953.95	5,846.84	15.79	16.80	-171.06	107.67	-173.42	1,151.48	1,121.82	29.66	38.825	
5,800.00	5,699.71	6,053.57	5,944.05	16.11	17.15	-171.48	109.94	-151.78	1,149.62	1,119.34	30.27	37.976	
5,900.00	5,797.77	6,153.19	6,041.26	16.43	17.50	-171.90	112.21	-130.13	1,147.82	1,116.93	30.89	37.159	
6,000.00	5,895.83	6,252.81	6,138.48	16.74	17.86	-172.33	114.49	-108.48	1,146.09	1,114.58	31.51	36.372	
6,100.00	5,993.89	7,338.93	6,991.23	17.06	31.14	137.59	128.46	952.68	1,076.32	1,043.45	32.87	32.742	
6,200.00	6,091.95	7,855.45	6,991.14	17.39	31.36	135.88	128.35	969.20	990.23	956.12	34.11	29.029	
6,300.00	6,190.02	7,871.96	6,991.06	17.71	31.59	134.15	128.23	985.72	906.69	871.12	35.58	25.485	
6,400.00	6,288.39	7,886.27	6,990.99	17.99	31.78	144.79	128.13	1,000.02	826.25	788.95	37.29	22.156	
6,500.00	6,387.80	7,886.63	6,990.99	18.17	31.78	-149.45	128.13	1,000.39	749.50	710.32	39.18	19.131	
6,600.00	6,486.12	7,871.37	6,991.06	18.29	31.58	-125.42	128.23	985.12	679.57	638.40	41.17	16.506	
6,700.00	6,580.94	7,840.84	6,991.22	18.34	31.17	-119.94	128.45	954.60	619.63	576.49	43.13	14.365	
6,800.00	6,669.91	7,804.19	6,991.44	18.34	30.67	-116.49	128.76	909.57	572.13	527.21	44.92	12.736	
6,900.00	6,750.85	7,737.39	6,991.73	18.32	29.79	-112.49	129.17	851.15	538.19	492.20	46.00	11.701	
7,000.00	6,821.76	7,667.01	6,992.08	18.29	28.88	-107.69	129.66	780.77	517.13	470.67	46.46	11.130	
7,100.00	6,880.90	7,586.41	6,992.48	18.28	27.86	-102.53	130.22	700.17	506.50	460.24	46.26	10.949 SF	
7,200.00	6,926.81	7,502.44	6,992.92	18.34	26.83	-97.74	130.84	611.33	502.85	457.19	45.66	11.012 ES	
7,273.43	6,951.43	7,425.99	6,990.83	18.45	25.92	-94.57	131.28	539.82	502.42	457.46	44.97	11.173 CC	
7,300.00	6,958.36	7,400.35	6,988.20	18.50	25.61	-93.45	131.39	514.31	502.48	457.76	44.72	11.236	
7,400.00	6,974.77	7,307.01	6,970.03	18.78	24.53	-89.43	131.57	422.85	503.56	459.71	43.85	11.483	
7,500.00	6,976.30	7,218.29	6,940.54	19.17	23.55	-85.78	131.40	339.24	505.95	462.89	43.07	11.748	
7,600.00	6,973.90	7,137.65	6,903.90	19.72	22.72	-81.87	130.98	267.48	511.99	469.59	42.41	12.073	
7,700.00	6,971.49	7,067.01	6,864.57	20.41	22.04	-77.72	130.41	208.84	524.48	482.64	41.83	12.537	
7,800.00	6,969.09	7,006.05	6,825.59	21.20	21.50	-73.72	129.76	162.01	545.26	503.93	41.33	13.192	
7,900.00	6,966.68	6,950.00	6,785.95	22.09	21.05	-69.80	129.04	122.42	575.36	534.50	40.86	14.083	
8,000.00	6,964.27	6,909.09	6,754.90	23.07	20.74	-66.87	128.45	95.80	614.79	574.26	40.53	15.169	
8,100.00	6,961.87	6,870.77	6,724.31	24.13	20.47	-64.09	127.84	72.73	662.99	622.77	40.22	16.486	
8,200.00	6,959.46	6,837.77	6,696.90	25.25	20.25	-61.71	127.29	54.36	718.95	679.00	39.95	17.995	
8,300.00	6,957.05	6,800.00	6,664.42	26.42	20.02	-59.03	126.61	35.12	781.64	741.96	39.68	19.697	
8,400.00	6,954.65	6,784.33	6,650.62	27.65	19.93	-57.93	126.32	27.71	849.68	810.13	39.55	21.486	
8,500.00	6,952.24	6,762.54	6,631.13	28.92	19.81	-56.43	125.90	17.97	922.41	883.03	39.39	23.420	
8,600.00	6,949.83	6,750.00	6,619.77	30.23	19.74	-55.58	125.65	12.67	998.99	959.74	39.26	25.448	
8,700.00	6,947.43	6,726.31	6,598.03	31.57	19.62	-53.99	125.17	3.27	1,078.60	1,039.47	39.13	27.563	
8,800.00	6,945.02	6,700.00	6,573.49	32.94	19.49	-52.28	124.63	-6.21	1,160.99	1,121.97	39.03	29.747	
8,900.00	6,942.62	6,700.00	6,573.49	34.34	19.49	-52.28	124.63	-6.21	1,245.27	1,206.34	38.94	31.983	
9,000.00	6,940.21	6,700.00	6,573.49	35.76	19.49	-52.28	124.63	-6.21	1,331.73	1,292.89	38.84	34.287	
9,100.00	6,937.80	6,674.24	6,549.11	37.21	19.38	-50.66	124.08	-14.50	1,419.24	1,380.45	38.79	36.585	
9,200.00	6,935.40	6,650.00	6,525.88	38.67	19.28	-49.18	123.54	-21.39	1,508.51	1,469.75	38.76	38.922	
9,300.00	6,932.99	6,650.00	6,525.88	40.14	19.28	-49.18	123.54	-21.39	1,598.48	1,559.79	38.69	41.316	
9,400.00	6,930.58	6,650.00	6,525.88	41.64	19.28	-49.18	123.54	-21.39	1,689.57	1,650.95	38.62	43.743	
9,500.00	6,928.18	6,638.92	6,515.18	43.14	19.24	-48.52	123.30	-24.25	1,781.50	1,742.90	38.60	46.158	
9,600.00	6,925.77	6,631.82	6,508.30	44.66	19.21	-48.10	123.14	-25.98	1,874.15	1,835.59	38.56	48.600	
9,700.00	6,923.37	6,617.92	6,494.77	46.18	19.16	-47.30	122.82	-29.15	1,967.49	1,928.94	38.56	51.029	
9,800.00	6,920.96	6,617.92	6,494.77	47.72	19.16	-47.30	122.82	-29.15	2,061.28	2,022.76	38.52	53.516	
9,900.00	6,918.55	6,600.91	6,476.39	49.27	19.10	-46.24	122.39	-33.24	2,155.54	2,116.99	38.55	55.920	
10,000.00	6,916.15	6,575.03	6,452.91	50.82	19.00	-44.95	121.84	-38.47	2,250.04	2,211.45	38.59	58.309	
10,100.00	6,913.74	6,550.96	6,429.43	52.38	18.92	-43.71	121.29	-43.70	2,344.75	2,306.11	38.64	60.679	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	6,911.33	6,526.90	6,405.94	53.95	18.83	-42.53	120.74	-48.93	2,439.65	2,400.95	38.70	63.036		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	2.00	3.28	3.28	-89.79	4.40	-1,199.67	1,199.67				
100.00	100.00	102.00	102.00	3.28	3.28	-89.79	4.40	-1,199.67	1,199.67	1,192.15	7.53	159.339	
200.00	200.00	203.30	203.30	3.31	3.31	-89.79	4.40	-1,199.66	1,199.67	1,192.10	7.57	158.373	
300.00	300.00	368.34	368.25	3.35	3.39	-150.34	6.04	-1,195.00	1,197.23	1,189.53	7.70	155.553	
400.00	399.93	532.82	532.07	3.42	3.54	-150.30	10.79	-1,181.44	1,192.02	1,184.14	7.88	151.307	
500.00	499.68	696.44	693.96	3.51	3.77	-150.26	18.60	-1,159.18	1,184.46	1,176.34	8.12	145.805	
600.00	599.13	832.51	827.45	3.62	4.05	-150.26	27.32	-1,134.33	1,175.05	1,166.64	8.41	139.643	
700.00	698.15	932.24	925.07	3.76	4.29	-150.33	34.07	-1,115.07	1,167.78	1,159.06	8.72	133.844	
800.00	796.63	1,032.13	1,022.84	3.94	4.55	-150.46	40.84	-1,095.77	1,163.54	1,154.46	9.08	128.137	
900.00	894.70	1,132.07	1,120.66	4.15	4.84	-150.60	47.61	-1,076.47	1,161.23	1,151.76	9.48	122.525	
1,000.00	992.76	1,232.00	1,218.48	4.40	5.15	-150.74	54.38	-1,057.17	1,158.97	1,149.06	9.91	116.958	
1,100.00	1,090.82	1,331.93	1,316.30	4.66	5.47	-150.88	61.15	-1,037.87	1,156.72	1,146.35	10.37	111.551	
1,200.00	1,188.88	1,431.87	1,414.12	4.95	5.81	-151.02	67.92	-1,018.57	1,154.47	1,143.62	10.85	106.384	
1,300.00	1,286.94	1,531.80	1,511.94	5.25	6.16	-151.16	74.68	-999.27	1,152.23	1,140.88	11.36	101.453	
1,400.00	1,385.00	1,631.74	1,609.76	5.56	6.51	-151.30	81.45	-979.97	1,150.00	1,138.12	11.88	96.799	
1,500.00	1,483.07	1,731.67	1,707.57	5.89	6.88	-151.45	88.22	-960.67	1,147.78	1,135.36	12.42	92.424	
1,600.00	1,581.13	1,831.60	1,805.39	6.23	7.19	-151.59	94.99	-941.37	1,145.56	1,132.80	12.75	89.818	
1,700.00	1,679.19	1,931.54	1,903.21	6.57	7.35	-151.73	101.76	-922.07	1,143.35	1,130.21	13.14	87.036	
1,800.00	1,777.25	2,031.47	2,001.03	6.92	7.40	-151.88	108.53	-902.77	1,141.14	1,127.70	13.44	84.886	
1,900.00	1,875.31	2,131.41	2,098.85	7.11	7.47	-152.02	115.30	-883.47	1,138.95	1,125.52	13.42	84.855	
2,000.00	1,973.37	2,231.34	2,196.67	7.16	7.56	-152.17	122.07	-864.17	1,136.76	1,123.26	13.50	84.201	
2,100.00	2,071.43	2,331.28	2,294.49	7.22	7.66	-152.32	128.84	-844.87	1,134.57	1,120.96	13.61	83.360	
2,200.00	2,169.50	2,431.21	2,392.31	7.30	7.78	-152.46	135.61	-825.57	1,132.40	1,118.65	13.75	82.346	
2,300.00	2,267.56	2,531.14	2,490.13	7.39	7.91	-152.61	142.38	-806.27	1,130.23	1,116.31	13.92	81.179	
2,400.00	2,365.62	2,631.08	2,587.94	7.50	8.06	-152.76	149.15	-786.97	1,128.07	1,113.95	14.12	79.877	
2,500.00	2,463.68	2,731.01	2,685.76	7.63	8.22	-152.91	155.92	-767.66	1,125.92	1,111.57	14.35	78.460	
2,600.00	2,561.74	2,830.95	2,783.58	7.77	8.39	-153.05	162.69	-748.36	1,123.78	1,109.17	14.60	76.950	
2,700.00	2,659.80	2,930.88	2,881.40	7.92	8.58	-153.20	169.45	-729.06	1,121.64	1,106.76	14.88	75.366	
2,800.00	2,757.86	3,030.82	2,979.22	8.08	8.77	-153.35	176.22	-709.76	1,119.51	1,104.33	15.18	73.727	
2,900.00	2,855.93	3,130.75	3,077.04	8.26	8.98	-153.51	182.99	-690.46	1,117.39	1,101.88	15.51	72.049	
3,000.00	2,953.99	3,230.68	3,174.86	8.45	9.19	-153.66	189.76	-671.16	1,115.28	1,099.42	15.85	70.350	
3,100.00	3,052.05	3,330.62	3,272.68	8.64	9.42	-153.81	196.53	-651.86	1,113.17	1,096.95	16.22	68.642	
3,200.00	3,150.11	3,430.55	3,370.49	8.85	9.65	-153.96	203.30	-632.56	1,111.07	1,094.47	16.60	66.936	
3,300.00	3,248.17	3,530.49	3,468.31	9.07	9.89	-154.11	210.07	-613.26	1,108.98	1,091.98	17.00	65.244	
3,400.00	3,346.23	3,630.42	3,566.13	9.29	10.14	-154.27	216.84	-593.96	1,106.90	1,089.49	17.41	63.574	
3,500.00	3,444.29	3,730.36	3,663.95	9.52	10.39	-154.42	223.61	-574.66	1,104.82	1,086.98	17.84	61.932	
3,600.00	3,542.36	3,830.29	3,761.77	9.76	10.65	-154.58	230.38	-555.36	1,102.76	1,084.48	18.28	60.323	
3,700.00	3,640.42	3,930.22	3,859.59	10.01	10.92	-154.73	237.15	-536.06	1,100.70	1,081.97	18.73	58.752	
3,800.00	3,738.48	4,030.16	3,957.41	10.26	11.19	-154.89	243.92	-516.76	1,098.65	1,079.45	19.20	57.221	
3,900.00	3,836.54	4,130.09	4,055.23	10.52	11.47	-155.04	250.69	-497.46	1,096.61	1,076.93	19.68	55.734	
4,000.00	3,934.60	4,230.03	4,153.04	10.78	11.75	-155.20	257.45	-478.16	1,094.57	1,074.41	20.16	54.291	
4,100.00	4,032.66	4,329.96	4,250.86	11.05	12.03	-155.36	264.22	-458.86	1,092.55	1,071.89	20.66	52.892	
4,200.00	4,130.73	4,429.89	4,348.68	11.32	12.32	-155.52	270.99	-439.56	1,090.53	1,069.37	21.16	51.539	
4,300.00	4,228.79	4,529.83	4,446.50	11.60	12.62	-155.67	277.76	-420.25	1,088.52	1,066.85	21.67	50.232	
4,400.00	4,326.85	4,629.76	4,544.32	11.88	12.91	-155.83	284.53	-400.95	1,086.52	1,064.33	22.19	48.968	
4,500.00	4,424.91	4,729.70	4,642.14	12.16	13.21	-155.99	291.30	-381.65	1,084.53	1,061.82	22.71	47.749	
4,600.00	4,522.97	4,829.63	4,739.96	12.45	13.52	-156.15	298.07	-362.35	1,082.55	1,059.30	23.24	46.573	
4,700.00	4,621.03	4,929.57	4,837.78	12.74	13.82	-156.32	304.84	-343.05	1,080.57	1,056.79	23.78	45.438	
4,800.00	4,719.09	5,029.50	4,935.59	13.04	14.13	-156.48	311.61	-323.75	1,078.61	1,054.28	24.32	44.344	
4,900.00	4,817.16	5,129.43	5,033.41	13.33	14.44	-156.64	318.38	-304.45	1,076.65	1,051.78	24.87	43.289	
5,000.00	4,915.22	5,229.37	5,131.23	13.63	14.75	-156.80	325.15	-285.15	1,074.70	1,049.28	25.42	42.272	
5,100.00	5,013.28	5,329.30	5,229.05	13.94	15.07	-156.97	331.92	-265.85	1,072.76	1,046.78	25.98	41.291	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,200.00	5,111.34	5,429.24	5,326.87	14.24	15.39	-157.13	338.69	-246.55	1,070.83	1,044.29	26.54	40.346	
5,300.00	5,209.40	5,529.17	5,424.69	14.55	15.70	-157.29	345.46	-227.25	1,068.90	1,041.80	27.11	39.435	
5,400.00	5,307.46	5,629.11	5,522.51	14.86	16.03	-157.46	352.22	-207.95	1,066.99	1,039.32	27.67	38.556	
5,500.00	5,405.52	5,729.04	5,620.33	15.17	16.35	-157.63	358.99	-188.65	1,065.08	1,036.84	28.25	37.708	
5,600.00	5,503.59	5,828.97	5,718.15	15.48	16.67	-157.79	365.76	-169.35	1,063.19	1,034.37	28.82	36.890	
5,700.00	5,601.65	5,928.91	5,815.96	15.79	17.00	-157.96	372.53	-150.05	1,061.30	1,031.90	29.40	36.100	
5,800.00	5,699.71	6,028.84	5,913.78	16.11	17.32	-158.13	379.30	-130.75	1,059.42	1,029.44	29.98	35.338	
5,900.00	5,797.77	6,128.78	6,011.60	16.43	17.65	-158.29	386.07	-111.45	1,057.55	1,026.99	30.56	34.603	
6,000.00	5,895.83	6,228.71	6,109.42	16.74	17.98	-158.46	392.84	-92.15	1,055.69	1,024.55	31.15	33.892	
6,100.00	5,993.89	6,328.64	6,207.24	17.06	18.31	-158.63	399.61	-72.84	1,053.84	1,022.11	31.74	33.205	
6,200.00	6,091.95	7,963.12	7,127.56	17.39	31.00	163.44	467.42	972.42	1,036.55	1,007.21	29.33	35.336	
6,300.00	6,190.02	7,979.82	7,127.49	17.71	31.22	160.55	467.49	989.12	939.56	909.75	29.81	31.523	
6,400.00	6,288.39	8,005.70	7,127.43	17.99	31.56	159.23	467.56	1,003.60	842.64	812.26	30.39	27.730	
6,500.00	6,387.80	8,005.16	7,127.43	18.17	31.55	-161.79	467.56	1,004.15	745.32	714.41	30.91	24.110	
6,600.00	6,486.12	7,979.76	7,127.49	18.29	31.22	-152.59	467.49	989.06	649.93	618.52	31.42	20.688	
6,700.00	6,580.94	7,949.41	7,127.62	18.34	30.83	-153.14	467.36	958.71	559.14	527.08	32.06	17.441	
6,800.00	6,669.91	7,904.54	7,127.81	18.34	30.24	-152.81	467.16	913.85	475.63	442.76	32.86	14.472	
6,900.00	6,750.85	7,846.27	7,128.06	18.32	29.51	-151.03	466.90	855.57	401.92	368.00	33.93	11.847	
7,000.00	6,821.76	7,776.02	7,128.36	18.29	28.64	-147.94	466.58	785.33	340.30	305.03	35.27	9.649	
7,100.00	6,880.90	7,695.52	7,128.71	18.28	27.66	-143.76	466.22	704.83	292.37	255.57	36.80	7.945	
7,200.00	6,926.81	7,598.77	7,128.55	18.34	26.54	-138.39	465.75	608.09	258.33	220.07	38.27	6.751	
7,300.00	6,958.36	7,477.31	7,112.44	18.50	25.17	-129.73	464.07	487.90	229.53	189.68	39.85	5.760	
7,400.00	6,974.77	7,367.91	7,078.68	18.78	24.00	-119.47	461.27	384.02	204.90	163.53	41.37	4.953	
7,500.00	6,976.30	7,268.35	7,032.95	19.17	23.03	-107.24	457.73	295.77	187.92	145.54	42.38	4.434	
7,584.81	6,974.26	7,194.87	6,990.68	19.64	22.37	-94.55	454.56	235.80	181.91	139.28	42.63	4.267 CC, ES, SF	
7,600.00	6,973.90	7,182.90	6,983.15	19.72	22.27	-92.24	454.00	226.50	182.14	139.57	42.57	4.278	
7,700.00	6,971.49	7,112.32	6,935.34	20.41	21.71	-78.00	450.49	174.75	196.91	155.41	41.50	4.744	
7,800.00	6,969.09	7,054.37	6,892.01	21.20	21.29	-66.56	447.35	136.44	234.98	195.03	39.95	5.882	
7,900.00	6,966.68	7,006.69	6,853.86	22.09	20.97	-58.09	444.61	107.98	291.27	252.48	38.79	7.509	
8,000.00	6,964.27	6,967.18	6,820.71	23.07	20.73	-51.94	442.25	86.62	359.65	321.55	38.10	9.440	
8,100.00	6,961.87	6,934.14	6,792.02	24.13	20.54	-47.41	440.21	70.37	435.87	398.16	37.71	11.559	
8,200.00	6,959.46	6,900.00	6,761.53	25.25	20.36	-43.31	438.06	55.17	517.39	479.94	37.46	13.813	
8,300.00	6,957.05	6,882.47	6,745.57	26.42	20.27	-41.41	436.93	48.01	602.45	565.12	37.32	16.142	
8,400.00	6,954.65	6,862.02	6,726.71	27.65	20.17	-39.35	435.61	40.21	690.22	653.01	37.22	18.546	
8,500.00	6,952.24	6,850.00	6,715.51	28.92	20.11	-38.23	434.82	35.92	780.04	742.91	37.13	21.010	
8,600.00	6,949.83	6,828.74	6,695.52	30.23	20.02	-36.36	433.42	28.84	871.30	834.22	37.08	23.497	
8,700.00	6,947.43	6,815.07	6,682.53	31.57	19.97	-35.24	432.52	24.64	963.82	926.79	37.03	26.026	
8,800.00	6,945.02	6,800.00	6,668.13	32.94	19.90	-34.08	431.51	20.34	1,057.32	1,020.32	37.00	28.574	
8,900.00	6,942.62	6,800.00	6,668.13	34.34	19.90	-34.08	431.51	20.34	1,151.67	1,114.74	36.93	31.181	
9,000.00	6,940.21	6,782.39	6,651.17	35.76	19.84	-32.80	430.34	15.75	1,246.54	1,209.60	36.94	33.745	
9,100.00	6,937.80	6,773.63	6,642.69	37.21	19.81	-32.20	429.75	13.64	1,342.03	1,305.11	36.92	36.349	
9,200.00	6,935.40	6,750.00	6,619.67	38.67	19.72	-30.68	428.15	8.54	1,438.26	1,401.29	36.97	38.908	
9,300.00	6,932.99	6,750.00	6,619.67	40.14	19.72	-30.68	428.15	8.54	1,534.41	1,497.48	36.93	41.552	
9,400.00	6,930.58	6,750.00	6,619.67	41.64	19.72	-30.68	428.15	8.54	1,631.02	1,594.13	36.89	44.208	
9,500.00	6,928.18	6,742.56	6,612.39	43.14	19.70	-30.23	427.65	7.10	1,728.00	1,691.10	36.90	46.832	
9,600.00	6,925.77	6,720.91	6,591.20	44.66	19.62	-29.00	426.18	2.91	1,825.11	1,788.14	36.96	49.376	
9,700.00	6,923.37	6,700.74	6,570.01	46.18	19.55	-27.87	424.71	-1.27	1,922.27	1,885.23	37.04	51.900	
9,800.00	6,920.96	6,677.61	6,548.82	47.72	19.48	-26.83	423.25	-5.45	2,019.47	1,982.37	37.11	54.422	
9,900.00	6,918.55	6,655.96	6,527.63	49.27	19.40	-25.87	421.78	-9.63	2,116.72	2,079.53	37.19	56.923	
10,000.00	6,916.15	6,634.32	6,506.44	50.82	19.33	-24.99	420.31	-13.81	2,214.00	2,176.73	37.27	59.409	
10,100.00	6,913.74	6,612.67	6,485.25	52.38	19.26	-24.18	418.85	-17.99	2,311.30	2,273.95	37.35	61.879	
10,200.00	6,911.33	6,608.98	6,464.06	53.95	19.25	-23.42	417.38	-22.17	2,408.64	2,371.14	37.49	64.239	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.80	4.04	-1,179.90	1,179.91				
100.00	100.00	102.00	102.00	3.28	3.28	-89.80	4.04	-1,179.90	1,179.91	1,172.38	7.53	156.713	
200.00	200.00	202.00	202.00	3.31	3.31	-89.80	4.04	-1,179.90	1,179.91	1,172.33	7.57	155.772	
300.00	300.00	331.14	331.11	3.35	3.37	-150.32	6.21	-1,179.02	1,179.77	1,172.09	7.68	153.665	
400.00	399.93	500.73	500.38	3.42	3.50	-150.28	10.32	-1,169.81	1,177.38	1,169.53	7.85	149.950	
500.00	499.68	669.76	668.23	3.51	3.71	-150.38	15.02	-1,150.70	1,172.13	1,164.04	8.09	144.897	
600.00	599.13	820.85	817.10	3.62	3.97	-150.60	19.71	-1,125.38	1,164.23	1,155.86	8.38	138.997	
700.00	698.15	920.57	915.03	3.76	4.19	-150.84	22.90	-1,106.87	1,157.73	1,149.05	8.67	133.470	
800.00	796.63	1,020.36	1,013.04	3.94	4.44	-151.14	26.10	-1,088.34	1,154.29	1,145.27	9.02	128.024	
900.00	894.70	1,120.15	1,111.03	4.15	4.71	-151.46	29.30	-1,069.82	1,152.83	1,143.43	9.40	122.658	
1,000.00	992.76	1,219.93	1,209.03	4.40	4.99	-151.78	32.50	-1,051.29	1,151.44	1,141.62	9.81	117.320	
1,100.00	1,090.82	1,319.71	1,307.03	4.66	5.29	-152.10	35.70	-1,032.76	1,150.08	1,139.82	10.26	112.095	
1,200.00	1,188.88	1,419.50	1,405.02	4.95	5.61	-152.42	38.90	-1,014.24	1,148.77	1,138.04	10.72	107.121	
1,300.00	1,286.94	1,519.28	1,503.02	5.25	5.93	-152.74	42.10	-995.71	1,147.48	1,136.27	11.21	102.342	
1,400.00	1,385.00	1,619.06	1,601.01	5.56	6.27	-153.07	45.30	-977.19	1,146.24	1,134.52	11.72	97.823	
1,500.00	1,483.07	1,718.84	1,699.01	5.89	6.61	-153.39	48.50	-958.66	1,145.03	1,132.79	12.24	93.566	
1,600.00	1,581.13	1,818.63	1,797.01	6.23	6.93	-153.71	51.70	-940.13	1,143.86	1,131.11	12.75	89.743	
1,700.00	1,679.19	1,918.41	1,895.00	6.57	7.09	-154.04	54.89	-921.61	1,142.73	1,129.76	12.96	88.161	
1,800.00	1,777.25	2,018.19	1,993.00	6.92	7.14	-154.36	58.09	-903.08	1,141.63	1,128.37	13.26	86.098	
1,900.00	1,875.31	2,117.98	2,090.99	7.11	7.20	-154.69	61.29	-884.56	1,140.57	1,127.34	13.23	86.207	
2,000.00	1,973.37	2,217.76	2,188.99	7.16	7.28	-155.01	64.49	-866.03	1,139.54	1,126.24	13.30	85.676	
2,100.00	2,071.43	2,317.54	2,286.99	7.22	7.37	-155.34	67.69	-847.50	1,138.55	1,125.15	13.40	84.952	
2,200.00	2,169.50	2,417.33	2,384.98	7.30	7.48	-155.67	70.89	-828.98	1,137.61	1,124.07	13.53	84.050	
2,300.00	2,267.56	2,517.11	2,482.98	7.39	7.61	-156.00	74.09	-810.45	1,136.69	1,123.00	13.70	82.987	
2,400.00	2,365.62	2,616.89	2,580.97	7.50	7.75	-156.32	77.29	-791.93	1,135.82	1,121.93	13.89	81.782	
2,500.00	2,463.68	2,716.68	2,678.97	7.63	7.90	-156.65	80.49	-773.40	1,134.98	1,120.87	14.11	80.454	
2,600.00	2,561.74	2,816.46	2,776.97	7.77	8.06	-156.98	83.69	-754.88	1,134.18	1,119.83	14.35	79.024	
2,700.00	2,659.80	2,916.24	2,874.96	7.92	8.24	-157.31	86.89	-736.35	1,133.42	1,118.80	14.62	77.512	
2,800.00	2,757.86	3,016.02	2,972.96	8.08	8.43	-157.64	90.08	-717.82	1,132.69	1,117.78	14.92	75.937	
2,900.00	2,855.93	3,115.81	3,070.95	8.26	8.62	-157.97	93.28	-699.30	1,132.01	1,116.78	15.23	74.317	
3,000.00	2,953.99	3,215.59	3,168.95	8.45	8.83	-158.30	96.48	-680.77	1,131.36	1,115.79	15.57	72.668	
3,100.00	3,052.05	3,315.37	3,266.95	8.64	9.04	-158.63	99.68	-662.25	1,130.75	1,114.82	15.93	71.004	
3,200.00	3,150.11	3,415.16	3,364.94	8.85	9.27	-158.97	102.88	-643.72	1,130.18	1,113.88	16.30	69.338	
3,300.00	3,248.17	3,514.94	3,462.94	9.07	9.50	-159.30	106.08	-625.19	1,129.64	1,112.95	16.69	67.681	
3,400.00	3,346.23	3,614.72	3,560.93	9.29	9.74	-159.63	109.28	-606.67	1,129.14	1,112.05	17.10	66.041	
3,500.00	3,444.29	3,714.51	3,658.93	9.52	9.98	-159.96	112.48	-588.14	1,128.69	1,111.17	17.52	64.425	
3,600.00	3,542.36	3,814.29	3,756.93	9.76	10.23	-160.30	115.68	-569.62	1,128.27	1,110.31	17.95	62.839	
3,700.00	3,640.42	3,914.07	3,854.92	10.01	10.49	-160.63	118.88	-551.09	1,127.88	1,109.48	18.40	61.289	
3,800.00	3,738.48	4,013.86	3,952.92	10.26	10.75	-160.96	122.08	-532.56	1,127.54	1,108.68	18.86	59.777	
3,900.00	3,836.54	4,113.64	4,050.91	10.52	11.02	-161.30	125.27	-514.04	1,127.24	1,107.90	19.33	58.306	
4,000.00	3,934.60	4,213.42	4,148.91	10.78	11.29	-161.63	128.47	-495.51	1,126.97	1,107.15	19.81	56.878	
4,100.00	4,032.66	4,313.20	4,246.91	11.05	11.56	-161.96	131.67	-476.99	1,126.74	1,106.44	20.30	55.493	
4,200.00	4,130.73	4,412.99	4,344.90	11.32	11.84	-162.30	134.87	-458.46	1,126.55	1,105.75	20.80	54.153	
4,300.00	4,228.79	4,512.77	4,442.90	11.60	12.13	-162.63	138.07	-439.93	1,126.40	1,105.09	21.31	52.857	
4,400.00	4,326.85	4,612.55	4,540.89	11.88	12.41	-162.97	141.27	-421.41	1,126.29	1,104.46	21.83	51.604	
4,500.00	4,424.91	4,712.34	4,638.89	12.16	12.70	-163.30	144.47	-402.88	1,126.21	1,103.86	22.35	50.396	
4,600.00	4,522.97	4,812.12	4,736.89	12.45	13.00	-163.63	147.67	-384.36	1,126.17	1,103.30	22.88	49.229	
4,643.99	4,566.11	4,856.02	4,780.00	12.58	13.13	-163.78	149.08	-376.21	1,126.17	1,103.06	23.11	48.729	
4,700.00	4,621.03	4,911.90	4,834.88	12.74	13.29	-163.97	150.87	-365.83	1,126.18	1,102.77	23.41	48.105	
4,800.00	4,719.09	5,011.69	4,932.88	13.04	13.59	-164.30	154.07	-347.30	1,126.22	1,102.27	23.95	47.020	
4,900.00	4,817.16	5,111.47	5,030.87	13.33	13.89	-164.64	157.27	-328.78	1,126.30	1,101.80	24.50	45.975	
5,000.00	4,915.22	5,211.25	5,128.87	13.63	14.19	-164.97	160.46	-310.25	1,126.41	1,101.36	25.05	44.968	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,100.00	5,013.28	5,311.04	5,226.87	13.94	14.50	-165.30	163.66	-291.73	1,126.57	1,100.96	25.61	43.997		
5,200.00	5,111.34	5,410.82	5,324.86	14.24	14.81	-165.64	166.86	-273.20	1,126.77	1,100.60	26.17	43.061		
5,300.00	5,209.40	5,510.60	5,422.86	14.55	15.12	-165.97	170.06	-254.67	1,127.00	1,100.27	26.73	42.159		
5,400.00	5,307.46	5,610.38	5,520.85	14.86	15.43	-166.31	173.26	-236.15	1,127.27	1,099.97	27.30	41.290		
5,500.00	5,405.52	5,710.17	5,618.85	15.17	15.74	-166.64	176.46	-217.62	1,127.58	1,099.71	27.87	40.452		
5,600.00	5,503.59	5,809.95	5,716.85	15.48	16.05	-166.97	179.66	-199.10	1,127.93	1,099.48	28.45	39.644		
5,700.00	5,601.65	5,909.73	5,814.84	15.79	16.37	-167.31	182.86	-180.57	1,128.31	1,099.28	29.03	38.865		
5,800.00	5,699.71	6,009.52	5,912.84	16.11	16.69	-167.64	186.06	-162.05	1,128.74	1,099.12	29.62	38.114		
5,900.00	5,797.77	6,109.30	6,010.83	16.43	17.00	-167.97	189.26	-143.52	1,129.20	1,099.00	30.20	37.388		
6,000.00	5,895.83	6,209.08	6,108.83	16.74	17.32	-168.30	192.45	-124.99	1,129.70	1,098.91	30.79	36.689		
6,100.00	5,993.89	6,308.87	6,206.83	17.06	17.64	-168.63	195.65	-106.47	1,130.24	1,098.86	31.38	36.013		
6,200.00	6,091.95	6,408.65	6,304.82	17.39	17.97	-168.97	198.85	-87.94	1,130.82	1,098.84	31.98	35.360		
6,300.00	6,190.02	6,508.24	6,402.81	17.71	18.29	-169.30	202.05	-69.42	1,131.40	1,098.82	32.58	34.714		
6,400.00	6,288.09	6,608.08	6,500.80	18.03	18.61	-169.63	205.26	-51.90	1,132.00	1,098.80	33.18	34.074		
6,500.00	6,387.80	6,707.90	6,600.10	18.35	18.93	-170.00	208.47	-34.38	1,132.60	1,098.78	33.78	33.439		
6,600.00	6,486.12	6,807.30	6,700.18	18.67	19.25	-170.31	211.68	-16.86	1,133.20	1,098.76	34.38	32.804		
6,700.00	6,584.94	6,907.35	6,800.31	18.99	19.57	-170.63	214.89	1.66	1,133.80	1,098.74	34.98	32.174		
6,800.00	6,683.91	7,007.12	6,900.21	19.31	19.89	-170.94	218.10	14.14	1,134.40	1,098.72	35.58	31.544		
6,900.00	6,782.85	7,106.99	7,000.14	19.63	20.21	-171.26	221.31	26.62	1,135.00	1,098.70	36.18	30.914		
7,000.00	6,881.76	7,206.80	7,100.04	19.95	20.53	-171.57	224.52	39.10	1,135.60	1,098.68	36.78	30.284		
7,100.00	6,980.69	7,306.61	7,200.25	20.27	20.85	-171.89	227.73	51.58	1,136.20	1,098.66	37.38	29.654		
7,200.00	7,079.64	7,406.42	7,300.30	20.59	21.17	-172.20	230.94	64.06	1,136.80	1,098.64	37.98	29.024		
7,300.00	7,178.61	7,506.23	7,400.27	20.91	21.49	-172.52	234.15	76.54	1,137.40	1,098.62	38.58	28.394		
7,400.00	7,277.57	7,606.04	7,500.22	21.23	21.81	-172.83	237.36	89.02	1,138.00	1,098.60	39.18	27.764		
7,500.00	7,376.54	7,705.85	7,600.27	21.55	22.13	-173.15	240.57	101.50	1,138.60	1,098.58	39.78	27.134		
7,600.00	7,475.51	7,805.66	7,700.22	21.87	22.45	-173.46	243.78	113.98	1,139.20	1,098.56	40.38	26.504		
7,700.00	7,574.48	7,905.47	7,800.27	22.19	22.77	-173.78	246.99	126.46	1,139.80	1,098.54	40.98	25.874		
7,800.00	7,673.45	8,005.28	7,900.22	22.51	23.09	-174.09	250.20	138.94	1,140.40	1,098.52	41.58	25.244		
7,900.00	7,772.42	8,105.09	8,000.27	22.83	23.41	-174.41	253.41	151.42	1,141.00	1,098.50	42.18	24.614		
8,000.00	7,871.39	8,204.90	8,100.22	23.15	23.73	-174.72	256.62	163.90	1,141.60	1,098.48	42.78	23.984		
8,100.00	7,970.36	8,304.71	8,200.27	23.47	24.05	-175.04	259.83	176.38	1,142.20	1,098.46	43.38	23.354		
8,200.00	8,069.33	8,404.52	8,300.22	23.79	24.37	-175.35	263.04	188.86	1,142.80	1,098.44	43.98	22.724		
8,300.00	8,168.30	8,504.33	8,400.27	24.11	24.69	-175.67	266.25	201.34	1,143.40	1,098.42	44.58	22.094		
8,400.00	8,267.27	8,604.14	8,500.22	24.43	25.01	-175.98	269.46	213.82	1,144.00	1,098.40	45.18	21.464		
8,500.00	8,366.24	8,703.95	8,600.27	24.75	25.33	-176.30	272.67	226.30	1,144.60	1,098.38	45.78	20.834		
8,600.00	8,465.21	8,803.76	8,700.22	25.07	25.65	-176.61	275.88	238.78	1,145.20	1,098.36	46.38	20.204		
8,700.00	8,564.18	8,903.57	8,800.27	25.39	25.97	-176.93	279.09	251.26	1,145.80	1,098.34	46.98	19.574		
8,800.00	8,663.15	9,003.38	8,900.22	25.71	26.29	-177.24	282.30	263.74	1,146.40	1,098.32	47.58	18.944		
8,900.00	8,762.12	9,103.19	9,000.27	26.03	26.61	-177.56	285.51	276.22	1,147.00	1,098.30	48.18	18.314		
9,000.00	8,861.09	9,203.00	9,100.22	26.35	26.93	-177.87	288.72	288.70	1,147.60	1,098.28	48.78	17.684		
9,100.00	8,960.06	9,302.81	9,200.27	26.67	27.25	-178.19	291.93	301.18	1,148.20	1,098.26	49.38	17.054		
9,200.00	9,059.03	9,402.62	9,300.22	26.99	27.57	-178.50	295.14	313.66	1,148.80	1,098.24	49.98	16.424		
9,300.00	9,158.00	9,502.43	9,400.27	27.31	27.89	-178.82	298.35	326.14	1,149.40	1,098.22	50.58	15.794		
9,400.00	9,256.97	9,602.24	9,500.22	27.63	28.21	-179.13	301.56	338.62	1,150.00	1,098.20	51.18	15.164		
9,500.00	9,355.94	9,702.05	9,600.27	27.95	28.53	-179.45	304.77	351.10	1,150.60	1,098.18	51.78	14.534		
9,600.00	9,454.91	9,801.86	9,700.22	28.27	28.85	-179.76	307.98	363.58	1,151.20	1,098.16	52.38	13.904		
9,700.00	9,553.88	9,901.67	9,800.27	28.59	29.17	-180.08	311.19	376.06	1,151.80	1,098.14	52.98	13.274		
9,800.00	9,652.85	10,001.48	9,900.22	28.91	29.49	-180.39	314.40	388.54	1,152.40	1,098.12	53.58	12.644		
9,900.00	9,751.82	10,101.29	10,000.27	29.23	29.81	-180.71	317.61	401.02	1,153.00	1,098.10	54.18	12.014		
10,000.00	9,850.79	10,201.10	10,100.22	29.55	30.13	-181.02	320.82	413.50	1,153.60	1,098.08	54.78	11.384		
10,100.00	9,949.76	10,300.91	10,200.27	29.87	30.45	-181.34	324.03	425.98	1,154.20	1,098.06	55.38	10.754		
10,200.00	10,048.73	10,400.72	10,300.22	30.19	30.77	-181.65	327.24	438.46	1,154.80	1,098.04	55.98	10.124		
10,300.00	10,147.70	10,500.53	10,400.27	30.51	31.09	-181.97	330.45	450.94	1,155.40	1,098.02	56.58	9.494		
10,400.00	10,246.67	10,600.34	10,500.22	30.83	31.41	-182.28	333.66	463.42	1,156.00	1,098.00	57.18	8.864		
10,500.00	10,345.64	10,700.15	10,600.27	31.15	31.73	-182.60	336.87	475.90	1,156.60	1,097.98	57.78	8.234		
10,600.00	10,444.61	10,800.00	10,700.22	31.47	32.05	-182.91	340.08	488.38	1,157.20	1,097.96	58.38	7.604		
10,700.00	10,543.58	10,900.00	10,800.27	31.79	32.37	-183.23	343.29	500.86	1,157.80	1,097.94	58.98	6.974		
10,800.00	10,642.55	11,000.00	10,900.22	32.11	32.69	-183.54	346.50	513.34	1,158.40	1,097.92	59.58	6.344		
10,900.00	10,741.52	11,100.00	11,000.27	32.43	33.01	-183.86	349.71	525.82	1,159.00	1,097.90	60.18	5.714		
11,000.00	10,840.49	11,200.00	11,100.22	32.75	33.33	-184.17	352.92	538.30	1,159.60	1,097.88	60.78	5.084		
11,100.00	10,939.46	11,300.00	11,200.27	33.07	33.65	-184.49	356.13	550.78	1,160.20	1,097.86	61.38	4.454		
11,200.00	11,038.43	11,400.00	11,300.22	33.39	33.97	-184.80	359.34	563.26	1,160.80	1,097.84	61.98	3.824		
11,300.00	11,137.40	11,500.00	11,400.27	33.71	34.29	-185.12	362.55	575.74	1,161.40	1,097.82	62.58	3.194		
11,400.00	11,236.37	11,600.00	11,500.22	34.03	34.61	-185.43	365.76	588.22	1,162.00	1,097.80	63.18	2.564		
11,500.00	11,335.34	11,700.00	11,600.27	34.35	34.93	-185.75	368.97	600.70	1,162.60	1,097.78	63.78	1.934		
11,600.00	11,4													

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1		Offset Site Error:	0.00 usft
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA		Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning		
10,200.00	6,911.33	6,604.69	6,488.14	53.95	18.60	-41.91	204.84	-53.29	2,403.21	2,365.65	37.56	63.982			
10,300.00	6,908.93	6,574.39	6,467.60	55.52	18.50	-40.77	204.17	-57.17	2,499.58	2,461.98	37.60	66.480			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-89.79	4.77	-1,279.85	1,279.86				
100.00	100.00	103.00	103.00	3.28	3.28	-89.79	4.77	-1,279.85	1,279.86	1,272.33	7.53	169.986	
200.00	200.00	203.00	203.00	3.31	3.31	-89.79	4.77	-1,279.85	1,279.86	1,272.28	7.57	168.960	
202.03	202.03	205.03	205.03	3.31	3.31	-150.39	4.77	-1,279.85	1,279.86	1,272.28	7.58	168.929	
300.00	300.00	304.51	304.51	3.35	3.35	-150.39	4.77	-1,279.85	1,280.23	1,272.57	7.67	167.008	
400.00	399.93	455.08	455.00	3.42	3.46	-150.38	7.53	-1,276.69	1,281.18	1,273.35	7.83	163.586	
500.00	499.68	605.61	605.03	3.51	3.62	-150.25	15.47	-1,267.58	1,281.21	1,273.15	8.05	159.058	
600.00	599.13	755.89	753.97	3.62	3.84	-150.02	28.56	-1,252.57	1,280.34	1,272.00	8.34	153.477	
700.00	698.15	905.73	901.22	3.76	4.13	-149.68	46.71	-1,231.77	1,278.59	1,269.89	8.70	146.978	
800.00	796.63	1,054.93	1,046.22	3.94	4.52	-149.23	69.78	-1,205.32	1,276.00	1,266.86	9.15	139.510	
900.00	894.70	1,182.63	1,168.82	4.15	4.93	-148.72	93.25	-1,178.41	1,271.89	1,262.24	9.64	131.884	
1,000.00	992.76	1,282.05	1,263.99	4.40	5.30	-148.28	112.15	-1,156.75	1,267.24	1,257.09	10.15	124.846	
1,100.00	1,090.82	1,381.47	1,359.17	4.66	5.69	-147.84	131.05	-1,135.08	1,262.68	1,251.98	10.70	118.038	
1,200.00	1,188.88	1,480.89	1,454.34	4.95	6.10	-147.40	149.95	-1,113.41	1,258.18	1,246.91	11.28	111.581	
1,300.00	1,286.94	1,580.31	1,549.51	5.25	6.53	-146.95	168.85	-1,091.74	1,253.76	1,241.88	11.89	105.456	
1,400.00	1,385.00	1,679.73	1,644.68	5.56	6.98	-146.51	187.75	-1,070.08	1,249.42	1,236.90	12.53	99.739	
1,500.00	1,483.07	1,779.15	1,739.85	5.89	7.43	-146.05	206.65	-1,048.41	1,245.16	1,231.97	13.19	94.419	
1,600.00	1,581.13	1,878.57	1,835.03	6.23	7.73	-145.60	225.55	-1,026.74	1,240.98	1,227.42	13.55	91.552	
1,700.00	1,679.19	1,977.99	1,930.20	6.57	7.84	-145.14	244.44	-1,005.07	1,236.87	1,222.93	13.94	88.720	
1,800.00	1,777.25	2,077.41	2,025.37	6.92	7.93	-144.68	263.34	-983.41	1,232.85	1,218.53	14.32	86.109	
1,900.00	1,875.31	2,176.83	2,120.54	7.11	8.04	-144.22	282.24	-961.74	1,228.90	1,214.54	14.37	85.525	
2,000.00	1,973.37	2,276.25	2,215.71	7.16	8.17	-143.75	301.14	-940.07	1,225.04	1,210.52	14.52	84.350	
2,100.00	2,071.43	2,375.67	2,310.89	7.22	8.32	-143.28	320.04	-918.40	1,221.26	1,206.55	14.71	82.997	
2,200.00	2,169.50	2,475.09	2,406.06	7.30	8.49	-142.81	338.94	-896.74	1,217.57	1,202.62	14.94	81.490	
2,300.00	2,267.56	2,574.51	2,501.23	7.39	8.68	-142.33	357.84	-875.07	1,213.95	1,198.75	15.20	79.853	
2,400.00	2,365.62	2,673.93	2,595.40	7.50	8.88	-141.86	376.74	-853.40	1,210.43	1,194.93	15.50	78.113	
2,500.00	2,463.68	2,773.35	2,691.57	7.63	9.10	-141.37	395.64	-831.73	1,206.98	1,191.16	15.82	76.293	
2,600.00	2,561.74	2,872.77	2,786.75	7.77	9.34	-140.89	414.54	-810.07	1,203.63	1,187.45	16.17	74.417	
2,700.00	2,659.80	2,972.19	2,881.92	7.92	9.58	-140.41	433.44	-788.40	1,200.36	1,183.80	16.56	72.506	
2,800.00	2,757.86	3,071.61	2,977.09	8.08	9.84	-139.92	452.34	-766.73	1,197.18	1,180.21	16.96	70.578	
2,900.00	2,855.93	3,171.03	3,072.26	8.26	10.11	-139.43	471.24	-745.06	1,194.08	1,176.69	17.39	68.650	
3,000.00	2,953.99	3,270.46	3,167.43	8.45	10.39	-138.93	490.14	-723.39	1,191.08	1,173.23	17.85	66.736	
3,100.00	3,052.05	3,369.88	3,262.61	8.64	10.68	-138.44	509.04	-701.73	1,188.17	1,169.84	18.32	64.847	
3,200.00	3,150.11	3,469.30	3,357.78	8.85	10.98	-137.94	527.94	-680.06	1,185.34	1,166.52	18.82	62.992	
3,300.00	3,248.17	3,568.72	3,452.95	9.07	11.29	-137.44	546.84	-658.39	1,182.61	1,163.28	19.33	61.180	
3,400.00	3,346.23	3,668.14	3,548.12	9.29	11.61	-136.93	565.74	-636.72	1,179.97	1,160.11	19.86	59.414	
3,500.00	3,444.29	3,767.56	3,643.29	9.52	11.93	-136.43	584.64	-615.06	1,177.42	1,157.01	20.41	57.700	
3,600.00	3,542.36	3,866.98	3,738.47	9.76	12.26	-135.92	603.54	-593.39	1,174.96	1,154.00	20.97	56.041	
3,700.00	3,640.42	3,966.40	3,833.64	10.01	12.59	-135.41	622.44	-571.72	1,172.60	1,151.06	21.54	54.438	
3,800.00	3,738.48	4,065.82	3,928.81	10.26	12.93	-134.90	641.34	-550.05	1,170.33	1,148.20	22.13	52.891	
3,900.00	3,836.54	4,165.24	4,023.98	10.52	13.28	-134.39	660.24	-528.39	1,168.16	1,145.43	22.73	51.402	
4,000.00	3,934.60	4,264.66	4,119.15	10.78	13.62	-133.87	679.14	-506.72	1,166.08	1,142.74	23.34	49.969	
4,100.00	4,032.66	4,364.08	4,214.33	11.05	13.98	-133.36	698.04	-485.05	1,164.09	1,140.14	23.96	48.593	
4,200.00	4,130.73	4,463.50	4,309.50	11.32	14.34	-132.84	716.94	-463.38	1,162.21	1,137.62	24.59	47.271	
4,300.00	4,228.79	4,562.92	4,404.67	11.60	14.70	-132.32	735.84	-441.72	1,160.42	1,135.19	25.23	46.002	
4,400.00	4,326.85	4,662.34	4,499.84	11.88	15.06	-131.80	754.74	-420.05	1,158.72	1,132.85	25.87	44.785	
4,500.00	4,424.91	4,761.76	4,595.01	12.16	15.43	-131.27	773.64	-398.38	1,157.13	1,130.60	26.53	43.618	
4,600.00	4,522.97	4,861.18	4,690.18	12.45	15.80	-130.75	792.54	-376.71	1,155.63	1,128.44	27.19	42.499	
4,700.00	4,621.03	4,960.60	4,785.36	12.74	16.17	-130.22	811.44	-355.05	1,154.23	1,126.37	27.86	41.427	
4,800.00	4,719.09	5,060.02	4,880.53	13.04	16.55	-129.69	830.34	-333.38	1,152.93	1,124.39	28.54	40.399	
4,900.00	4,817.16	5,159.44	4,975.70	13.33	16.93	-129.17	849.24	-311.71	1,151.72	1,122.50	29.22	39.413	
5,000.00	4,915.22	5,258.86	5,070.87	13.63	17.31	-128.64	868.14	-290.04	1,150.62	1,120.71	29.91	38.468	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,013.28	5,358.28	5,166.04	13.94	17.69	-128.11	887.04	-268.38	1,149.62	1,119.01	30.61	37.562		
5,200.00	5,111.34	5,457.70	5,261.22	14.24	18.07	-127.58	905.94	-246.71	1,148.71	1,117.41	31.31	36.694		
5,300.00	5,209.40	5,557.12	5,356.39	14.55	18.46	-127.04	924.84	-225.04	1,147.91	1,115.90	32.01	35.861		
5,400.00	5,307.46	5,656.54	5,451.56	14.86	18.85	-126.51	943.74	-203.37	1,147.20	1,114.48	32.72	35.061		
5,500.00	5,405.52	5,755.96	5,546.73	15.17	19.24	-125.98	962.64	-181.70	1,146.60	1,113.16	33.43	34.294		
5,600.00	5,503.59	5,855.38	5,641.90	15.48	19.63	-125.44	981.54	-160.04	1,146.10	1,111.94	34.15	33.558		
5,700.00	5,601.65	5,954.80	5,737.08	15.79	20.02	-124.91	1,000.44	-138.37	1,145.69	1,110.82	34.87	32.852		
5,800.00	5,699.71	6,054.22	5,832.25	16.11	20.42	-124.38	1,019.34	-116.70	1,145.39	1,109.79	35.60	32.173		
5,900.00	5,797.77	6,153.64	5,927.42	16.43	20.81	-123.84	1,038.24	-95.03	1,145.19	1,108.86	36.33	31.521		
6,000.00	5,895.83	6,253.06	6,022.59	16.74	21.21	-123.31	1,057.14	-73.37	1,145.09	1,108.03	37.06	30.895		
6,048.84	5,943.73	6,301.62	6,069.07	16.90	21.40	-123.04	1,066.37	-62.78	1,145.08	1,107.66	37.42	30.598		
6,100.00	5,993.89	6,352.48	6,117.76	17.06	21.61	-122.77	1,076.04	-51.70	1,145.09	1,107.29	37.80	30.293		
6,200.00	6,091.95	6,451.90	6,212.94	17.39	22.01	-122.24	1,094.94	-30.03	1,145.19	1,106.65	38.54	29.714		
6,300.00	6,190.02	6,551.32	6,308.11	17.71	22.41	-121.70	1,113.84	-8.36	1,145.40	1,106.11	39.28	29.158		
6,400.00	6,288.39	6,650.57	6,403.12	17.99	22.81	-102.60	1,132.71	13.27	1,143.74	1,103.74	40.00	28.594		
6,500.00	6,387.80	6,749.83	6,502.46	18.17	23.07	-102.44	1,151.63	22.19	1,141.62	1,101.62	40.72	28.038		
6,600.00	6,486.12	6,849.14	6,601.77	18.35	23.33	-102.28	1,170.56	31.11	1,139.50	1,100.00	41.44	27.482		
6,700.00	6,584.44	6,948.45	6,703.09	18.53	23.59	-102.12	1,189.49	40.03	1,137.38	1,098.88	42.16	26.926		
6,800.00	6,682.76	7,047.76	6,801.41	18.71	23.85	-101.96	1,208.42	48.95	1,135.26	1,097.76	42.88	26.370		
6,900.00	6,781.08	7,147.07	6,900.00	18.89	24.11	-101.80	1,227.35	57.87	1,133.14	1,096.64	43.60	25.814		
7,000.00	6,879.40	7,246.38	6,998.32	19.07	24.37	-101.64	1,246.28	66.79	1,131.02	1,095.52	44.32	25.258		
7,100.00	6,977.72	7,345.69	7,096.64	19.25	24.63	-101.48	1,265.21	75.71	1,128.90	1,094.40	45.04	24.702		
7,200.00	7,076.04	7,444.99	7,194.96	19.43	24.89	-101.32	1,284.14	84.63	1,126.78	1,093.28	45.76	24.146		
7,300.00	7,174.36	7,544.30	7,293.28	19.61	25.15	-101.16	1,303.07	93.55	1,124.66	1,092.16	46.48	23.590		
7,400.00	7,272.68	7,643.61	7,391.60	19.79	25.41	-101.00	1,322.00	102.47	1,122.54	1,091.04	47.20	23.034		
7,500.00	7,371.00	7,742.92	7,489.92	19.97	25.67	-100.84	1,340.93	111.39	1,120.42	1,089.92	47.92	22.478		
7,600.00	7,469.32	7,842.23	7,588.24	20.15	25.93	-100.68	1,359.86	120.31	1,118.30	1,088.80	48.64	21.922		
7,700.00	7,567.64	7,941.54	7,686.56	20.33	26.19	-100.52	1,378.79	129.23	1,116.18	1,087.68	49.36	21.366		
7,800.00	7,665.96	8,040.85	7,784.88	20.51	26.45	-100.36	1,397.72	138.15	1,114.06	1,086.56	50.08	20.810		
7,900.00	7,764.28	8,140.16	7,883.20	20.69	26.71	-100.20	1,416.65	147.07	1,111.94	1,085.44	50.80	20.254		
8,000.00	7,862.60	8,239.47	7,981.52	20.87	26.97	-100.04	1,435.58	156.00	1,109.82	1,084.32	51.52	19.698		
8,100.00	7,960.92	8,338.78	8,079.84	21.05	27.23	-99.88	1,454.51	164.92	1,107.70	1,083.20	52.24	19.142		
8,200.00	8,059.24	8,438.09	8,178.16	21.23	27.49	-99.72	1,473.44	173.84	1,105.58	1,082.08	52.96	18.586		
8,300.00	8,157.56	8,537.40	8,276.48	21.41	27.75	-99.56	1,492.37	182.77	1,103.46	1,080.96	53.68	18.030		
8,400.00	8,255.88	8,636.71	8,374.80	21.59	28.01	-99.40	1,511.30	191.69	1,101.34	1,079.84	54.40	17.474		
8,500.00	8,354.20	8,736.02	8,473.12	21.77	28.27	-99.24	1,530.23	200.61	1,099.22	1,078.72	55.12	16.918		
8,600.00	8,452.52	8,835.33	8,571.44	21.95	28.53	-99.08	1,549.16	209.53	1,097.10	1,077.60	55.84	16.362		
8,700.00	8,550.84	8,934.64	8,669.76	22.13	28.79	-98.92	1,568.09	218.45	1,094.98	1,076.48	56.56	15.806		
8,800.00	8,649.16	9,033.95	8,768.08	22.31	29.05	-98.76	1,587.02	227.37	1,092.86	1,075.36	57.28	15.250		
8,900.00	8,747.48	9,133.26	8,866.40	22.49	29.31	-98.60	1,605.95	236.30	1,090.74	1,074.24	58.00	14.694		
9,000.00	8,845.80	9,232.57	8,964.72	22.67	29.57	-98.44	1,624.88	245.22	1,088.62	1,073.12	58.72	14.138		
9,100.00	8,944.12	9,331.88	9,063.04	22.85	29.83	-98.28	1,643.81	254.14	1,086.50	1,072.00	59.44	13.582		
9,200.00	9,042.44	9,431.19	9,161.36	23.03	30.09	-98.12	1,662.74	263.07	1,084.38	1,070.88	60.16	13.026		
9,300.00	9,140.76	9,530.50	9,259.68	23.21	30.35	-97.96	1,681.67	272.00	1,082.26	1,069.76	60.88	12.470		
9,400.00	9,239.08	9,629.81	9,357.99	23.39	30.61	-97.80	1,700.60	280.92	1,080.14	1,068.64	61.60	11.914		
9,500.00	9,337.40	9,729.12	9,456.31	23.57	30.87	-97.64	1,719.53	289.84	1,078.02	1,067.52	62.32	11.358		
9,600.00	9,435.72	9,828.43	9,554.63	23.75	31.13	-97.48	1,738.46	298.77	1,075.90	1,066.40	63.04	10.802		
9,700.00	9,534.04	9,927.74	9,652.95	23.93	31.39	-97.32	1,757.39	307.69	1,073.78	1,065.28	63.76	10.246		
9,800.00	9,632.36	10,027.05	9,751.27	24.11	31.65	-97.16	1,776.32	316.61	1,071.66	1,064.16	64.48	9.690		
9,900.00	9,730.68	10,126.36	9,849.59	24.29	31.91	-97.00	1,795.25	325.53	1,069.54	1,063.04	65.20	9.134		
10,000.00	9,828.99	10,225.67	9,947.91	24.47	32.17	-96.84	1,814.18	334.45	1,067.42	1,061.92	65.92	8.578		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	6,913.74	6,549.55	6,306.41	52.38	22.40	35.67	1,113.50	-8.75	2,396.72	2,351.94	44.78	53.517	
10,200.00	6,911.33	6,525.50	6,283.39	53.95	22.30	34.49	1,108.93	-13.99	2,490.83	2,446.03	44.81	55.588	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.77	5.13	-1,299.62	1,299.63				
100.00	100.00	103.00	103.00	3.28	3.28	-89.77	5.13	-1,299.62	1,299.63	1,292.10	7.53	172.611	
200.00	200.00	204.54	204.54	3.31	3.31	-89.77	5.14	-1,299.61	1,299.62	1,292.05	7.58	171.558	
300.00	300.00	355.67	355.59	3.35	3.39	-150.28	7.93	-1,296.45	1,297.91	1,290.22	7.69	168.722	
400.00	399.93	506.39	505.81	3.42	3.52	-150.06	15.97	-1,287.35	1,294.94	1,287.07	7.87	164.570	
500.00	499.68	656.51	654.58	3.51	3.71	-149.74	29.16	-1,272.41	1,291.09	1,282.98	8.11	159.139	
600.00	599.13	805.82	801.31	3.62	3.98	-149.31	47.38	-1,251.78	1,286.43	1,278.00	8.43	152.588	
700.00	698.15	954.15	945.47	3.76	4.36	-148.77	70.46	-1,225.64	1,281.00	1,272.16	8.84	144.878	
800.00	796.63	1,103.47	1,081.97	3.94	4.85	-148.15	97.22	-1,195.33	1,274.90	1,265.53	9.36	136.180	
900.00	894.70	1,204.24	1,176.49	4.15	5.24	-147.67	117.23	-1,172.68	1,269.27	1,259.41	9.86	128.690	
1,000.00	992.76	1,305.00	1,271.02	4.40	5.66	-147.17	137.23	-1,150.03	1,263.78	1,253.37	10.41	121.354	
1,100.00	1,090.82	1,405.76	1,365.54	4.66	6.10	-146.67	157.24	-1,127.37	1,258.38	1,247.38	11.00	114.368	
1,200.00	1,188.88	1,506.52	1,460.07	4.95	6.56	-146.17	177.24	-1,104.72	1,253.08	1,241.46	11.63	107.767	
1,300.00	1,286.94	1,607.28	1,554.60	5.25	7.03	-145.66	197.25	-1,082.07	1,247.88	1,235.60	12.28	101.600	
1,400.00	1,385.00	1,708.04	1,649.12	5.56	7.51	-145.15	217.25	-1,059.41	1,242.78	1,229.82	12.96	95.871	
1,500.00	1,483.07	1,791.20	1,743.65	5.89	7.92	-144.63	237.26	-1,036.76	1,237.78	1,224.19	13.59	91.057	
1,600.00	1,581.13	1,890.44	1,838.17	6.23	8.22	-144.11	257.26	-1,014.11	1,232.89	1,218.92	13.96	88.290	
1,700.00	1,679.19	1,989.68	1,932.70	6.57	8.31	-143.58	277.26	-991.45	1,228.10	1,213.75	14.34	85.613	
1,800.00	1,777.25	2,088.92	2,027.23	6.92	8.41	-143.05	297.27	-968.80	1,223.41	1,208.67	14.74	83.017	
1,900.00	1,875.31	2,188.16	2,121.75	7.11	8.53	-142.52	317.27	-946.15	1,218.83	1,204.02	14.80	82.330	
2,000.00	1,973.37	2,287.40	2,216.28	7.16	8.67	-141.98	337.28	-923.49	1,214.35	1,199.38	14.97	81.097	
2,100.00	2,071.43	2,386.64	2,310.80	7.22	8.83	-141.44	357.28	-900.84	1,209.99	1,194.81	15.18	79.703	
2,200.00	2,169.50	2,485.88	2,405.33	7.30	9.01	-140.90	377.29	-878.19	1,205.73	1,190.31	15.42	78.171	
2,300.00	2,267.56	2,585.12	2,499.85	7.39	9.20	-140.35	397.29	-855.54	1,201.59	1,185.89	15.70	76.526	
2,400.00	2,365.62	2,684.36	2,594.38	7.50	9.41	-139.80	417.30	-832.88	1,197.56	1,181.55	16.01	74.790	
2,500.00	2,463.68	2,783.60	2,688.91	7.63	9.64	-139.24	437.30	-810.23	1,193.64	1,177.29	16.35	72.988	
2,600.00	2,561.74	2,882.84	2,783.43	7.77	9.88	-138.68	457.30	-787.58	1,189.84	1,173.11	16.73	71.141	
2,700.00	2,659.80	2,982.07	2,877.96	7.92	10.14	-138.12	477.31	-764.92	1,186.15	1,169.02	17.12	69.268	
2,800.00	2,757.86	3,081.31	2,972.48	8.08	10.41	-137.55	497.31	-742.27	1,182.58	1,165.03	17.55	67.387	
2,900.00	2,855.93	3,180.55	3,067.01	8.26	10.68	-136.98	517.32	-719.62	1,179.12	1,161.12	18.00	65.511	
3,000.00	2,953.99	3,279.79	3,161.54	8.45	10.97	-136.41	537.32	-696.96	1,175.79	1,157.32	18.47	63.655	
3,100.00	3,052.05	3,379.03	3,256.06	8.64	11.27	-135.83	557.33	-674.31	1,172.57	1,153.61	18.97	61.828	
3,200.00	3,150.11	3,478.27	3,350.59	8.85	11.58	-135.25	577.33	-651.66	1,169.48	1,150.00	19.48	60.038	
3,300.00	3,248.17	3,577.51	3,445.11	9.07	11.90	-134.67	597.34	-629.00	1,166.50	1,146.49	20.01	58.293	
3,400.00	3,346.23	3,676.75	3,539.64	9.29	12.22	-134.09	617.34	-606.35	1,163.65	1,143.09	20.56	56.596	
3,500.00	3,444.29	3,775.99	3,634.17	9.52	12.55	-133.50	637.35	-583.70	1,160.93	1,139.80	21.13	54.951	
3,600.00	3,542.36	3,875.23	3,728.69	9.76	12.89	-132.91	657.35	-561.04	1,158.32	1,136.62	21.71	53.361	
3,700.00	3,640.42	3,974.47	3,823.22	10.01	13.23	-132.32	677.35	-538.39	1,155.85	1,133.54	22.30	51.827	
3,800.00	3,738.48	4,073.71	3,917.74	10.26	13.58	-131.72	697.36	-515.74	1,153.49	1,130.58	22.91	50.350	
3,900.00	3,836.54	4,172.95	4,012.27	10.52	13.94	-131.12	717.36	-493.08	1,151.27	1,127.74	23.53	48.929	
4,000.00	3,934.60	4,272.19	4,106.79	10.78	14.30	-130.52	737.37	-470.43	1,149.17	1,125.01	24.16	47.564	
4,100.00	4,032.66	4,371.43	4,201.32	11.05	14.66	-129.92	757.37	-447.78	1,147.20	1,122.40	24.80	46.254	
4,200.00	4,130.73	4,470.67	4,295.85	11.32	15.03	-129.32	777.38	-425.13	1,145.36	1,119.91	25.45	44.997	
4,300.00	4,228.79	4,569.91	4,390.37	11.60	15.40	-128.71	797.38	-402.47	1,143.65	1,117.54	26.11	43.793	
4,400.00	4,326.85	4,669.15	4,484.90	11.88	15.78	-128.11	817.39	-379.82	1,142.07	1,115.29	26.78	42.639	
4,500.00	4,424.91	4,768.39	4,579.42	12.16	16.15	-127.50	837.39	-357.17	1,140.62	1,113.16	27.46	41.534	
4,600.00	4,522.97	4,867.63	4,673.95	12.45	16.54	-126.89	857.39	-334.51	1,139.31	1,111.16	28.15	40.476	
4,700.00	4,621.03	4,966.87	4,768.48	12.74	16.92	-126.27	877.40	-311.86	1,138.12	1,109.28	28.84	39.463	
4,800.00	4,719.09	5,066.10	4,863.00	13.04	17.31	-125.66	897.40	-289.21	1,137.06	1,107.52	29.54	38.493	
4,900.00	4,817.16	5,165.34	4,957.53	13.33	17.70	-125.05	917.41	-266.55	1,136.14	1,105.90	30.24	37.565	
5,000.00	4,915.22	5,264.58	5,052.05	13.63	18.09	-124.43	937.41	-243.90	1,135.35	1,104.40	30.96	36.676	
5,100.00	5,013.28	5,363.82	5,146.58	13.94	18.48	-123.82	957.42	-221.25	1,134.69	1,103.02	31.67	35.825	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,111.34	5,463.06	5,241.10	14.24	18.88	-123.20	977.42	-198.59	1,134.17	1,101.78	32.40	35.011	
5,300.00	5,209.40	5,562.30	5,335.63	14.55	19.28	-122.58	997.43	-175.94	1,133.78	1,100.66	33.12	34.230	
5,400.00	5,307.46	5,661.54	5,430.16	14.86	19.68	-121.96	1,017.43	-153.29	1,133.52	1,099.67	33.85	33.483	
5,500.00	5,405.52	5,760.78	5,524.68	15.17	20.08	-121.35	1,037.43	-130.63	1,133.40	1,098.81	34.59	32.767	
5,541.95	5,446.66	5,802.41	5,564.33	15.30	20.25	-121.09	1,045.83	-121.13	1,133.39	1,098.49	34.90	32.475	
5,600.00	5,503.59	5,860.02	5,619.21	15.48	20.48	-120.73	1,057.44	-107.98	1,133.41	1,098.08	35.33	32.081	
5,700.00	5,601.65	5,959.26	5,713.73	15.79	20.88	-120.11	1,077.44	-85.33	1,133.56	1,097.48	36.07	31.423	
5,800.00	5,699.71	6,058.50	5,808.26	16.11	21.29	-119.50	1,097.45	-62.67	1,133.84	1,097.01	36.82	30.792	
5,900.00	5,797.77	6,157.74	5,902.79	16.43	21.70	-118.88	1,117.45	-40.02	1,134.25	1,096.67	37.57	30.188	
6,000.00	5,895.83	6,256.98	5,997.31	16.74	22.11	-118.26	1,137.46	-17.37	1,134.79	1,096.46	38.33	29.608	
6,100.00	5,993.89	6,356.22	6,091.84	17.06	22.52	-117.65	1,157.46	5.28	1,135.47	1,096.39	39.08	29.052	
6,200.00	6,091.95	6,455.46	6,186.36	17.39	22.93	-117.03	1,177.47	27.94	1,136.28	1,096.44	39.84	28.518	
6,300.00	6,190.02	7,909.98	6,969.36	17.71	34.57	-71.76	1,347.05	983.02	1,109.18	1,069.61	39.57	28.032	
6,400.00	6,288.39	7,904.69	6,969.33	17.99	34.50	-47.11	1,347.12	997.69	1,035.39	994.29	41.10	25.191	
6,500.00	6,387.80	7,905.42	6,969.33	18.17	34.51	38.36	1,347.12	998.41	965.33	922.53	42.80	22.554	
6,600.00	6,486.12	7,909.49	6,969.36	18.29	34.56	75.72	1,347.05	983.51	901.48	856.88	44.60	20.213	
6,700.00	6,580.94	7,860.34	6,969.44	18.34	33.97	88.33	1,346.92	953.33	846.17	800.38	45.78	18.481	
6,800.00	6,669.91	7,815.64	6,969.54	18.34	33.44	93.67	1,346.71	908.63	801.00	754.17	46.83	17.105	
6,900.00	6,750.85	7,757.51	6,969.69	18.32	32.76	95.45	1,346.45	850.51	766.53	719.07	47.46	16.153	
7,000.00	6,821.76	7,687.39	6,969.86	18.29	31.96	95.15	1,346.13	780.39	742.18	694.54	47.64	15.578	
7,100.00	6,880.90	7,594.71	6,969.21	18.28	30.94	93.13	1,345.53	687.72	726.22	678.75	47.47	15.299	
7,200.00	6,926.81	7,475.56	6,952.50	18.34	29.65	89.26	1,341.41	570.00	713.71	666.65	47.07	15.164	
7,300.00	6,958.36	7,372.14	6,920.81	18.50	28.58	85.44	1,334.25	471.93	704.04	657.53	46.51	15.137 SF	
7,400.00	6,974.77	7,279.74	6,879.69	18.78	27.69	81.65	1,325.18	389.78	697.74	651.84	45.90	15.201	
7,500.00	6,976.30	7,195.61	6,832.48	19.17	26.94	77.81	1,314.90	320.99	694.89	649.54	45.34	15.326 ES	
7,513.94	6,975.97	7,184.79	6,825.77	19.25	26.85	77.26	1,313.45	312.62	694.83	649.55	45.29	15.343 CC	
7,600.00	6,973.90	7,124.07	6,785.63	19.72	26.35	73.96	1,304.78	267.92	697.21	652.25	44.96	15.508	
7,700.00	6,971.49	7,065.24	6,742.93	20.41	25.91	70.47	1,295.59	228.53	707.08	662.33	44.75	15.802	
7,800.00	6,969.09	7,016.79	6,705.22	21.20	25.57	67.41	1,287.51	199.23	725.81	681.13	44.68	16.245	
7,900.00	6,966.68	6,976.62	6,672.37	22.09	25.31	64.79	1,280.49	177.23	753.92	709.20	44.72	16.860	
8,000.00	6,964.27	6,943.04	6,643.91	23.07	25.10	62.56	1,274.41	160.49	791.20	746.38	44.82	17.652	
8,100.00	6,961.87	6,914.70	6,619.23	24.13	24.94	60.67	1,269.15	147.56	836.98	792.01	44.96	18.615	
8,200.00	6,959.46	6,890.54	6,597.78	25.25	24.80	59.04	1,264.59	137.45	890.32	845.20	45.11	19.735	
8,300.00	6,957.05	6,869.76	6,579.04	26.42	24.70	57.65	1,260.60	129.41	950.21	904.95	45.26	20.994	
8,400.00	6,954.65	6,850.00	6,560.98	27.65	24.59	56.33	1,256.77	122.36	1,015.69	970.30	45.39	22.379	
8,500.00	6,952.24	6,835.98	6,548.04	28.92	24.53	55.40	1,254.02	117.70	1,085.86	1,040.35	45.51	23.860	
8,600.00	6,949.83	6,822.10	6,535.14	30.23	24.46	54.49	1,251.29	113.38	1,159.97	1,114.36	45.61	25.433	
8,700.00	6,947.43	6,800.00	6,514.42	31.57	24.36	53.04	1,246.89	107.10	1,237.50	1,191.83	45.67	27.097	
8,800.00	6,945.02	6,800.00	6,514.42	32.94	24.36	53.04	1,246.89	107.10	1,317.59	1,271.84	45.75	28.798	
8,900.00	6,942.62	6,788.96	6,503.98	34.34	24.32	52.32	1,244.69	104.23	1,400.12	1,354.32	45.80	30.567	
9,000.00	6,940.21	6,774.09	6,489.86	35.76	24.25	51.37	1,241.70	100.67	1,484.67	1,438.83	45.84	32.388	
9,100.00	6,937.80	6,767.44	6,483.52	37.21	24.22	50.94	1,240.35	99.15	1,570.81	1,524.94	45.88	34.241	
9,200.00	6,935.40	6,742.37	6,459.65	38.67	24.12	49.37	1,235.30	93.43	1,658.23	1,612.34	45.89	36.131	
9,300.00	6,932.99	6,717.30	6,435.77	40.14	24.02	47.85	1,230.25	87.71	1,746.65	1,700.73	45.91	38.043	
9,400.00	6,930.58	6,692.23	6,411.89	41.64	23.91	46.37	1,225.20	81.99	1,835.91	1,789.97	45.93	39.971	
9,500.00	6,928.18	6,667.17	6,388.02	43.14	23.81	44.94	1,220.14	76.26	1,925.89	1,879.94	45.95	41.914	
9,600.00	6,925.77	6,642.10	6,364.14	44.66	23.70	43.55	1,215.09	70.54	2,016.51	1,970.55	45.97	43.868	
9,700.00	6,923.37	6,617.03	6,340.27	46.18	23.60	42.21	1,210.04	64.82	2,107.68	2,061.70	45.99	45.832	
9,800.00	6,920.96	6,591.97	6,316.39	47.72	23.49	40.91	1,204.98	59.10	2,199.34	2,153.33	46.01	47.802	
9,900.00	6,918.55	6,566.90	6,292.51	49.27	23.39	39.65	1,199.93	53.38	2,291.41	2,245.38	46.03	49.779	
10,000.00	6,916.15	6,541.83	6,268.64	50.82	23.28	38.43	1,194.88	47.66	2,383.87	2,337.81	46.06	51.760	
10,100.00	6,913.74	6,516.77	6,244.76	52.38	23.18	37.26	1,189.82	41.93	2,476.65	2,430.57	46.08	53.744	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	3.00	3.00	3.28	3.28	-89.78	5.14	-1,319.66	1,319.67				
100.00	100.00	103.00	103.00	3.28	3.28	-89.78	5.14	-1,319.66	1,319.67	1,312.14	7.53	175.274	
200.00	200.00	203.00	203.00	3.31	3.31	-89.78	5.14	-1,319.66	1,319.67	1,312.10	7.57	174.216	
300.00	300.00	321.54	321.54	3.35	3.36	-150.37	5.53	-1,319.26	1,319.78	1,312.11	7.67	171.969	
400.00	399.93	470.27	470.10	3.42	3.48	-150.28	10.28	-1,314.41	1,319.57	1,311.72	7.84	168.262	
500.00	499.68	618.77	617.87	3.51	3.65	-150.07	20.40	-1,304.07	1,318.70	1,310.63	8.07	163.411	
600.00	599.13	766.83	764.27	3.62	3.87	-149.74	35.81	-1,288.34	1,317.20	1,308.83	8.37	157.422	
700.00	698.15	914.26	908.72	3.76	4.18	-149.30	56.39	-1,267.32	1,315.12	1,306.38	8.74	150.448	
800.00	796.63	1,060.88	1,050.68	3.94	4.58	-148.74	81.99	-1,241.18	1,312.49	1,303.28	9.21	142.511	
900.00	894.70	1,206.31	1,189.47	4.15	5.09	-148.01	112.37	-1,210.15	1,308.32	1,298.54	9.78	133.790	
1,000.00	992.76	1,304.05	1,282.02	4.40	5.49	-147.43	134.34	-1,187.71	1,302.65	1,292.33	10.32	126.182	
1,100.00	1,090.82	1,402.99	1,375.71	4.66	5.93	-146.85	156.59	-1,164.98	1,297.13	1,286.21	10.91	118.847	
1,200.00	1,188.88	1,501.93	1,469.40	4.95	6.38	-146.25	178.85	-1,142.26	1,291.74	1,280.20	11.54	111.906	
1,300.00	1,286.94	1,600.88	1,563.09	5.25	6.86	-145.66	201.10	-1,119.54	1,286.49	1,274.29	12.21	105.407	
1,400.00	1,385.00	1,700.18	1,656.78	5.56	7.34	-145.06	223.35	-1,096.81	1,281.39	1,268.49	12.90	99.353	
1,500.00	1,483.07	1,801.24	1,750.47	5.89	7.85	-144.45	245.60	-1,074.09	1,276.43	1,262.81	13.62	93.717	
1,600.00	1,581.13	1,902.30	1,844.16	6.23	8.13	-143.84	267.85	-1,051.36	1,271.62	1,257.63	13.99	90.894	
1,700.00	1,679.19	2,003.36	1,937.85	6.57	8.22	-143.22	290.10	-1,028.64	1,266.96	1,252.59	14.37	88.192	
1,800.00	1,777.25	2,104.42	2,031.54	6.92	8.33	-142.61	312.35	-1,005.92	1,262.44	1,247.67	14.77	85.446	
1,900.00	1,875.31	2,205.48	2,125.23	7.11	8.46	-141.98	334.60	-983.19	1,258.08	1,243.22	14.86	84.653	
2,000.00	1,973.37	2,306.53	2,218.92	7.16	8.62	-141.35	356.85	-960.47	1,253.87	1,238.81	15.05	83.297	
2,100.00	2,071.43	2,407.59	2,312.61	7.22	8.79	-140.72	379.10	-937.74	1,249.81	1,234.53	15.28	81.773	
2,200.00	2,169.50	2,508.65	2,406.30	7.30	8.99	-140.09	401.35	-915.02	1,245.91	1,230.36	15.55	80.110	
2,300.00	2,267.56	2,609.71	2,500.00	7.39	9.21	-139.45	423.60	-892.29	1,242.17	1,226.31	15.86	78.334	
2,400.00	2,365.62	2,689.23	2,593.69	7.50	9.39	-138.80	445.85	-869.57	1,238.58	1,222.43	16.15	76.694	
2,500.00	2,463.68	2,788.17	2,687.38	7.63	9.63	-138.15	468.10	-846.85	1,235.16	1,218.64	16.51	74.800	
2,600.00	2,561.74	2,887.11	2,781.07	7.77	9.89	-137.50	490.35	-824.12	1,231.89	1,214.99	16.91	72.866	
2,700.00	2,659.80	2,986.05	2,874.76	7.92	10.16	-136.85	512.60	-801.40	1,228.79	1,211.47	17.33	70.913	
2,800.00	2,757.86	3,085.00	2,968.45	8.08	10.45	-136.19	534.86	-778.67	1,225.86	1,208.08	17.78	68.959	
2,900.00	2,855.93	3,183.94	3,062.14	8.26	10.74	-135.53	557.11	-755.95	1,223.09	1,204.84	18.25	67.018	
3,000.00	2,953.99	3,282.88	3,155.83	8.45	11.05	-134.87	579.36	-733.23	1,220.48	1,201.74	18.75	65.105	
3,100.00	3,052.05	3,381.82	3,249.52	8.64	11.36	-134.20	601.61	-710.50	1,218.04	1,198.78	19.26	63.227	
3,200.00	3,150.11	3,480.76	3,343.21	8.85	11.69	-133.54	623.86	-687.78	1,215.78	1,195.97	19.80	61.394	
3,300.00	3,248.17	3,579.70	3,436.90	9.07	12.02	-132.87	646.11	-665.05	1,213.68	1,193.32	20.36	59.612	
3,400.00	3,346.23	3,678.64	3,530.59	9.29	12.36	-132.19	668.36	-642.33	1,211.75	1,190.81	20.93	57.885	
3,500.00	3,444.29	3,777.58	3,624.28	9.52	12.71	-131.52	690.61	-619.61	1,209.99	1,188.46	21.52	56.215	
3,600.00	3,542.36	3,876.53	3,717.97	9.76	13.07	-130.84	712.86	-596.88	1,208.40	1,186.27	22.13	54.606	
3,700.00	3,640.42	3,975.47	3,811.66	10.01	13.43	-130.16	735.11	-574.16	1,206.99	1,184.24	22.75	53.058	
3,800.00	3,738.48	4,074.41	3,905.35	10.26	13.79	-129.48	757.36	-551.43	1,205.75	1,182.37	23.38	51.570	
3,900.00	3,836.54	4,173.35	3,999.04	10.52	14.16	-128.80	779.61	-528.71	1,204.68	1,180.65	24.02	50.143	
4,000.00	3,934.60	4,272.29	4,092.73	10.78	14.54	-128.12	801.86	-505.99	1,203.78	1,179.10	24.68	48.776	
4,100.00	4,032.66	4,371.23	4,186.42	11.05	14.92	-127.44	824.11	-483.26	1,203.06	1,177.72	25.35	47.466	
4,200.00	4,130.73	4,470.17	4,280.12	11.32	15.30	-126.76	846.36	-460.54	1,202.52	1,176.50	26.02	46.213	
4,300.00	4,228.79	4,569.12	4,373.81	11.60	15.69	-126.07	868.61	-437.81	1,202.15	1,175.45	26.71	45.015	
4,400.00	4,326.85	4,668.06	4,467.50	11.88	16.08	-125.39	890.87	-415.09	1,201.96	1,174.56	27.40	43.870	
4,461.00	4,386.67	4,728.41	4,524.65	12.05	16.32	-124.97	904.44	-401.23	1,201.92	1,174.10	27.82	43.196	
4,500.00	4,424.91	4,767.00	4,561.19	12.16	16.48	-124.70	913.12	-392.37	1,201.94	1,173.84	28.10	42.776	
4,600.00	4,522.97	4,865.94	4,654.88	12.45	16.88	-124.02	935.37	-369.64	1,202.09	1,173.29	28.81	41.730	
4,700.00	4,621.03	4,964.88	4,748.57	12.74	17.28	-123.33	957.62	-346.92	1,202.42	1,172.90	29.52	40.732	
4,800.00	4,719.09	5,063.82	4,842.26	13.04	17.68	-122.65	979.87	-324.19	1,202.93	1,172.69	30.24	39.778	
4,900.00	4,817.16	5,162.76	4,935.95	13.33	18.09	-121.97	1,002.12	-301.47	1,203.61	1,172.64	30.97	38.866	
5,000.00	4,915.22	5,261.70	5,029.64	13.63	18.49	-121.29	1,024.37	-278.75	1,204.47	1,172.77	31.70	37.996	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,013.28	5,360.65	5,123.33	13.94	18.90	-120.60	1,046.62	-256.02	1,205.50	1,173.06	32.44	37.164		
5,200.00	5,111.34	5,459.59	5,217.02	14.24	19.31	-119.92	1,068.87	-233.30	1,206.70	1,173.52	33.18	36.369		
5,300.00	5,209.40	5,558.53	5,310.71	14.55	19.73	-119.25	1,091.12	-210.57	1,208.08	1,174.15	33.93	35.609		
5,400.00	5,307.46	5,657.47	5,404.40	14.86	20.14	-118.57	1,113.37	-187.85	1,209.62	1,174.95	34.68	34.883		
5,500.00	5,405.52	5,756.41	5,498.09	15.17	20.56	-117.89	1,135.62	-165.13	1,211.35	1,175.91	35.43	34.189		
5,600.00	5,503.59	5,855.35	5,591.78	15.48	20.98	-117.22	1,157.87	-142.40	1,213.24	1,177.05	36.19	33.526		
5,700.00	5,601.65	5,954.29	5,685.47	15.79	21.40	-116.55	1,180.12	-119.68	1,215.30	1,178.35	36.95	32.891		
5,800.00	5,699.71	6,053.23	5,779.16	16.11	21.82	-115.88	1,202.37	-96.95	1,217.53	1,179.82	37.71	32.284		
5,900.00	5,797.77	6,152.18	5,872.85	16.43	22.24	-115.22	1,224.62	-74.23	1,219.93	1,181.45	38.48	31.703		
6,000.00	5,895.83	6,251.12	5,966.54	16.74	22.67	-114.55	1,246.88	-51.51	1,222.50	1,183.25	39.25	31.147		
6,100.00	5,993.89	6,350.06	6,060.23	17.06	23.09	-113.89	1,269.13	-28.78	1,225.23	1,185.21	40.02	30.615		
6,200.00	6,091.95	6,449.00	6,153.93	17.39	23.52	-113.23	1,291.38	-6.06	1,228.13	1,187.34	40.80	30.105		
6,300.00	6,190.02	6,547.94	6,247.62	17.71	23.94	-112.58	1,313.63	16.67	1,231.20	1,189.63	41.57	29.617		
6,400.00	6,288.39	6,646.68	6,341.12	17.99	24.37	-93.43	1,335.83	39.34	1,232.66	1,190.35	42.32	29.130		
6,500.00	6,387.80	6,743.24	6,432.55	18.17	24.79	-15.24	1,357.55	61.52	1,223.46	1,180.47	42.99	28.459		
6,600.00	6,486.12	6,840.98	6,529.85	18.29	25.00	76.90	1,379.80	98.14	1,215.51	1,172.73	43.77	27.739		
6,700.00	6,584.94	6,939.90	6,628.70	18.34	25.30	90.79	1,402.05	125.06	1,207.85	1,165.00	44.55	27.019		
6,800.00	6,683.76	7,038.82	6,727.52	18.34	25.60	97.66	1,424.30	151.95	1,200.10	1,157.29	45.33	26.299		
6,900.00	6,782.58	7,137.74	6,826.34	18.32	25.90	104.55	1,446.55	178.85	1,192.35	1,149.55	46.11	25.579		
7,000.00	6,881.40	7,236.66	6,925.16	18.29	26.20	102.66	1,468.80	205.75	1,184.60	1,141.80	46.89	24.859		
7,100.00	6,980.22	7,335.58	7,024.02	18.28	26.50	97.19	1,491.05	232.65	1,176.75	1,134.05	47.67	24.139		
7,200.00	7,079.04	7,434.50	7,122.94	18.34	26.80	91.00	1,513.30	259.55	1,168.90	1,126.30	48.45	23.419		
7,300.00	7,177.86	7,533.42	7,221.86	18.50	27.10	87.53	1,535.55	286.45	1,161.05	1,118.45	49.23	22.699		
7,400.00	7,276.68	7,632.34	7,320.78	18.78	27.40	84.87	1,557.80	313.35	1,153.20	1,110.60	50.01	21.979		
7,500.00	7,375.50	7,731.26	7,419.70	19.17	27.70	81.87	1,580.05	340.25	1,145.35	1,102.75	50.79	21.259		
7,600.00	7,474.32	7,830.18	7,518.62	19.72	28.00	78.43	1,602.30	367.15	1,137.50	1,094.90	51.57	20.539		
7,674.76	6,972.10	7,112.94	6,780.75	20.23	26.44	76.41	1,440.28	153.12	827.36	781.87	45.49	18.187 CC, ES		
7,700.00	6,971.49	7,103.57	6,772.25	20.41	26.39	75.81	1,438.25	149.71	827.69	782.17	45.51	18.186 SF		
7,800.00	6,969.09	7,072.08	6,743.38	21.20	26.23	73.77	1,431.38	139.20	835.58	789.87	45.71	18.278		
7,900.00	6,966.68	7,047.50	6,720.51	22.09	26.12	72.16	1,425.94	132.03	854.09	808.11	45.98	18.575		
8,000.00	6,964.27	7,027.83	6,702.02	23.07	26.03	70.87	1,421.55	126.95	882.86	836.59	46.27	19.080		
8,100.00	6,961.87	7,007.19	6,682.49	24.13	25.94	69.50	1,416.91	122.14	921.09	874.55	46.54	19.792		
8,200.00	6,959.46	6,986.00	6,658.64	25.25	25.83	67.84	1,411.24	116.36	967.56	920.79	46.77	20.689		
8,300.00	6,957.05	6,956.81	6,634.79	26.42	25.72	66.20	1,405.58	110.57	1,021.10	974.14	46.97	21.740		
8,400.00	6,954.65	6,931.62	6,610.93	27.65	25.61	64.58	1,399.91	104.79	1,080.68	1,033.54	47.14	22.923		
8,500.00	6,952.24	6,906.43	6,587.08	28.92	25.50	62.97	1,394.25	99.00	1,145.35	1,098.06	47.29	24.218		
8,600.00	6,949.83	6,881.24	6,563.23	30.23	25.39	61.39	1,388.58	93.22	1,214.29	1,166.87	47.42	25.607		
8,700.00	6,947.43	6,856.06	6,539.38	31.57	25.28	59.83	1,382.92	87.43	1,286.83	1,239.30	47.53	27.076		
8,800.00	6,945.02	6,830.87	6,515.53	32.94	25.17	58.29	1,377.25	81.65	1,362.37	1,314.76	47.61	28.613		
8,900.00	6,942.62	6,805.68	6,491.68	34.34	25.06	56.78	1,371.59	75.86	1,440.47	1,392.78	47.69	30.207		
9,000.00	6,940.21	6,780.49	6,467.82	35.76	24.95	55.30	1,365.92	70.08	1,520.71	1,472.96	47.75	31.849		
9,100.00	6,937.80	6,755.30	6,443.97	37.21	24.84	53.85	1,360.26	64.29	1,602.77	1,554.98	47.80	33.533		
9,200.00	6,935.40	6,730.11	6,420.12	38.67	24.73	52.43	1,354.60	58.51	1,686.40	1,638.56	47.84	35.252		
9,300.00	6,932.99	6,704.93	6,396.27	40.14	24.62	51.03	1,348.93	52.72	1,771.37	1,723.50	47.87	37.001		
9,400.00	6,930.58	6,679.74	6,372.42	41.64	24.51	49.67	1,343.27	46.94	1,857.49	1,809.59	47.90	38.776		
9,500.00	6,928.18	6,654.55	6,348.57	43.14	24.41	48.35	1,337.60	41.15	1,944.62	1,896.69	47.93	40.573		
9,600.00	6,925.77	6,629.36	6,324.71	44.66	24.30	47.05	1,331.94	35.37	2,032.62	1,984.67	47.95	42.388		
9,700.00	6,923.37	6,604.17	6,300.86	46.18	24.19	45.79	1,326.27	29.58	2,121.38	2,073.41	47.97	44.220		
9,800.00	6,920.96	6,578.98	6,277.01	47.72	24.08	44.56	1,320.61	23.80	2,210.82	2,162.83	47.99	46.066		
9,900.00	6,918.55	6,553.80	6,253.16	49.27	23.97	43.36	1,314.94	18.01	2,300.85	2,252.84	48.01	47.924		
10,000.00	6,916.15	6,528.61	6,229.31	50.82	23.86	42.19	1,309.28	12.23	2,391.41	2,343.38	48.03	49.791		
10,100.00	6,913.74	6,503.42	6,205.46	52.38	23.75	41.06	1,303.61	6.44	2,482.43	2,434.38	48.05	51.666		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.52	-0.73	79.90	79.91				
100.00	100.00	102.00	102.00	3.28	3.28	90.52	-0.73	79.90	79.91	72.38	7.53	10.613	
200.00	200.00	202.00	202.00	3.31	3.31	90.52	-0.73	79.90	79.91	72.33	7.57	10.549	
300.00	300.00	302.00	302.00	3.35	3.35	30.08	-0.73	79.90	79.53	71.86	7.66	10.376	
400.00	399.93	400.18	400.16	3.42	3.42	30.39	0.58	81.07	77.68	69.89	7.79	9.970	
500.00	499.68	498.43	498.28	3.51	3.50	30.10	4.40	84.47	75.05	67.10	7.96	9.434	
600.00	599.13	596.70	596.17	3.62	3.61	29.14	10.74	90.11	71.67	63.52	8.16	8.785	
700.00	698.15	694.97	693.72	3.76	3.75	27.36	19.58	97.97	67.59	59.19	8.40	8.045	
800.00	796.63	793.21	790.78	3.94	3.90	24.56	30.92	108.05	62.89	54.21	8.68	7.244	
900.00	894.70	891.44	887.25	4.15	4.10	19.95	44.73	120.33	58.95	49.96	8.99	6.555	
967.84	961.22	958.01	952.24	4.32	4.25	15.40	55.49	129.90	58.10	48.89	9.22	6.305 CC, ES	
1,000.00	992.76	989.53	982.90	4.40	4.33	12.93	60.98	134.79	58.31	48.99	9.32	6.256	
1,100.00	1,090.82	1,088.80	1,079.15	4.66	4.60	4.88	79.11	150.91	60.72	51.02	9.70	6.258	
1,200.00	1,188.88	1,188.41	1,175.72	4.95	4.91	-2.47	97.36	167.14	64.31	54.17	10.13	6.346	
1,300.00	1,286.94	1,288.02	1,272.30	5.25	5.24	-8.95	115.60	183.37	68.84	58.23	10.61	6.489	
1,400.00	1,385.00	1,387.64	1,368.87	5.56	5.58	-14.58	133.85	199.60	74.14	63.02	11.13	6.663	
1,500.00	1,483.07	1,487.25	1,465.44	5.89	5.94	-19.41	152.10	215.83	80.06	68.38	11.68	6.853	
1,600.00	1,581.13	1,586.86	1,562.01	6.23	6.32	-23.56	170.34	232.05	86.48	74.20	12.28	7.043	
1,700.00	1,679.19	1,686.47	1,658.59	6.57	6.70	-27.12	188.59	248.28	93.28	80.37	12.90	7.229	
1,800.00	1,777.25	1,786.09	1,755.16	6.92	7.10	-30.19	206.84	264.51	100.39	86.83	13.55	7.408	
1,900.00	1,875.31	1,885.70	1,851.73	7.11	7.34	-32.85	225.08	280.74	107.75	94.18	13.56	7.944	
2,000.00	1,973.37	1,985.31	1,948.31	7.16	7.43	-35.16	243.33	296.97	115.31	101.61	13.69	8.421	
2,100.00	2,071.43	2,084.92	2,044.88	7.22	7.50	-37.19	261.57	313.19	123.03	109.20	13.84	8.892	
2,200.00	2,169.50	2,184.54	2,141.45	7.30	7.59	-38.97	279.82	329.42	130.89	116.88	14.01	9.340	
2,300.00	2,267.56	2,284.15	2,238.03	7.39	7.71	-40.56	298.07	345.65	138.86	124.64	14.22	9.763	
2,400.00	2,365.62	2,383.76	2,334.60	7.50	7.84	-41.97	316.31	361.88	146.93	132.46	14.47	10.157	
2,500.00	2,463.68	2,483.37	2,431.17	7.63	7.98	-43.23	334.56	378.11	155.08	140.34	14.74	10.522	
2,600.00	2,561.74	2,582.99	2,527.75	7.77	8.14	-44.37	352.81	394.34	163.29	148.25	15.04	10.857	
2,700.00	2,659.80	2,682.60	2,624.32	7.92	8.32	-45.39	371.05	410.56	171.56	156.19	15.37	11.164	
2,800.00	2,757.86	2,782.21	2,720.89	8.08	8.51	-46.32	389.30	426.79	179.88	164.16	15.72	11.441	
2,900.00	2,855.93	2,881.82	2,817.47	8.26	8.71	-47.17	407.54	443.02	188.24	172.14	16.10	11.692	
3,000.00	2,953.99	2,981.44	2,914.04	8.45	8.93	-47.95	425.79	459.25	196.65	180.14	16.50	11.917	
3,100.00	3,052.05	3,081.05	3,010.61	8.64	9.15	-48.67	444.04	475.48	205.08	188.16	16.92	12.118	
3,200.00	3,150.11	3,180.66	3,107.18	8.85	9.39	-49.32	462.28	491.70	213.54	196.18	17.37	12.297	
3,300.00	3,248.17	3,280.27	3,203.76	9.07	9.63	-49.93	480.53	507.93	222.03	204.21	17.83	12.456	
3,400.00	3,346.23	3,379.89	3,300.33	9.29	9.89	-50.49	498.78	524.16	230.54	212.24	18.30	12.597	
3,500.00	3,444.29	3,479.50	3,396.90	9.52	10.15	-51.01	517.02	540.39	239.08	220.28	18.79	12.721	
3,600.00	3,542.36	3,579.11	3,493.48	9.76	10.42	-51.50	535.27	556.62	247.63	228.33	19.30	12.830	
3,700.00	3,640.42	3,678.72	3,590.05	10.01	10.70	-51.95	553.51	572.85	256.20	236.37	19.82	12.926	
3,800.00	3,738.48	3,778.34	3,686.62	10.26	10.98	-52.38	571.76	589.07	264.78	244.43	20.35	13.009	
3,900.00	3,836.54	3,877.95	3,783.20	10.52	11.27	-52.78	590.01	605.30	273.37	252.48	20.90	13.082	
4,000.00	3,934.60	3,977.56	3,879.77	10.78	11.57	-53.15	608.25	621.53	281.98	260.53	21.45	13.146	
4,100.00	4,032.66	4,077.17	3,976.34	11.05	11.87	-53.50	626.50	637.76	290.60	268.59	22.01	13.200	
4,200.00	4,130.73	4,176.79	4,072.92	11.32	12.17	-53.83	644.75	653.99	299.23	276.64	22.59	13.248	
4,300.00	4,228.79	4,276.40	4,169.49	11.60	12.48	-54.15	662.99	670.21	307.87	284.70	23.17	13.288	
4,400.00	4,326.85	4,376.01	4,266.06	11.88	12.80	-54.44	681.24	686.44	316.52	292.76	23.76	13.323	
4,500.00	4,424.91	4,475.62	4,362.64	12.16	13.11	-54.72	699.48	702.67	325.17	300.82	24.35	13.352	
4,600.00	4,522.97	4,575.24	4,459.21	12.45	13.44	-54.99	717.73	718.90	333.84	308.88	24.96	13.377	
4,700.00	4,621.03	4,674.85	4,555.78	12.74	13.76	-55.24	735.98	735.13	342.51	316.94	25.57	13.397	
4,800.00	4,719.09	4,774.46	4,652.35	13.04	14.09	-55.48	754.22	751.36	351.18	325.00	26.18	13.414	
4,900.00	4,817.16	4,874.07	4,748.93	13.33	14.42	-55.70	772.47	767.58	359.86	333.06	26.80	13.428	
5,000.00	4,915.22	4,973.69	4,845.50	13.63	14.75	-55.92	790.72	783.81	368.55	341.13	27.42	13.439	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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	5,013.28	5,073.30	4,942.07	13.94	15.09	-56.13	808.96	800.04	377.24	349.19	28.05	13.447		
5,200.00	5,111.34	5,172.91	5,038.65	14.24	15.42	-56.33	827.21	816.27	385.94	357.25	28.69	13.453		
5,300.00	5,209.40	5,272.52	5,135.22	14.55	15.76	-56.52	845.45	832.50	394.64	365.31	29.33	13.457		
5,400.00	5,307.46	5,372.14	5,231.79	14.86	16.11	-56.70	863.70	848.72	403.35	373.38	29.97	13.459		
5,500.00	5,405.52	5,471.75	5,328.37	15.17	16.45	-56.87	881.95	864.95	412.05	381.44	30.61	13.460		
5,600.00	5,503.59	5,571.36	5,424.94	15.48	16.79	-57.04	900.19	881.18	420.77	389.50	31.26	13.459		
5,700.00	5,601.65	5,670.97	5,521.51	15.79	17.14	-57.20	918.44	897.41	429.48	397.57	31.92	13.457		
5,800.00	5,699.71	5,770.59	5,618.09	16.11	17.49	-57.35	936.69	913.64	438.20	405.63	32.57	13.454		
5,900.00	5,797.77	5,870.20	5,714.66	16.43	17.84	-57.50	954.93	929.87	446.92	413.70	33.23	13.450		
6,000.00	5,895.83	5,969.81	5,811.23	16.74	18.19	-57.64	973.18	946.09	455.65	421.76	33.89	13.446		
6,100.00	5,993.89	6,069.42	5,907.81	17.06	18.55	-57.77	991.42	962.32	464.38	429.82	34.55	13.440		
6,200.00	6,091.95	6,169.04	6,004.38	17.39	18.90	-57.90	1,009.67	978.55	473.11	437.89	35.22	13.434		
6,300.00	6,190.02	6,268.65	6,100.95	17.71	19.26	-58.03	1,027.92	994.78	481.84	445.95	35.88	13.428		
6,400.00	6,288.39	6,368.22	6,197.48	17.99	19.61	-39.88	1,046.15	1,011.00	490.64	454.15	36.49	13.447		
6,500.00	6,387.80	6,466.54	6,292.81	18.17	19.97	37.56	1,064.17	1,027.02	500.02	463.15	36.87	13.560		
6,600.00	6,486.12	6,561.26	6,384.64	18.29	20.31	70.88	1,081.51	1,042.45	511.17	474.11	37.06	13.793		
6,700.00	6,580.94	6,650.04	6,470.70	18.34	20.63	82.79	1,097.78	1,056.91	526.26	489.19	37.07	14.198		
6,800.00	6,669.91	6,746.90	6,565.05	18.34	20.93	90.47	1,115.63	1,069.22	547.26	510.26	37.00	14.792		
6,900.00	6,750.85	6,862.99	6,678.86	18.32	21.19	96.66	1,137.34	1,065.46	572.33	535.39	36.94	15.494		
7,000.00	6,821.76	6,998.22	6,807.92	18.29	21.39	101.96	1,162.18	1,034.72	599.39	562.59	36.80	16.286		
7,100.00	6,880.90	7,159.11	6,948.89	18.28	21.47	106.60	1,189.65	963.15	625.60	589.12	36.48	17.149		
7,200.00	6,926.81	7,350.90	7,087.37	18.34	21.41	110.30	1,217.14	834.41	647.21	611.14	36.07	17.944		
7,300.00	6,958.36	7,570.92	7,191.67	18.50	21.21	112.31	1,238.67	643.13	659.96	623.83	36.13	18.267		
7,400.00	6,974.77	7,801.06	7,225.96	18.78	21.16	112.01	1,247.16	419.10	660.85	623.64	37.22	17.757		
7,492.78	6,978.06	7,891.53	7,224.05	19.14	21.49	111.75	1,247.61	326.53	658.63	620.72	37.91	17.375		
7,500.00	6,976.30	7,901.19	7,223.90	19.17	21.54	111.87	1,247.64	319.25	659.39	621.45	37.94	17.379		
7,600.00	6,973.90	8,001.20	7,221.85	19.72	22.16	111.89	1,248.13	219.28	659.76	620.90	38.86	16.978		
7,700.00	6,971.49	8,101.20	7,219.80	20.41	22.91	111.91	1,248.61	119.30	660.13	620.12	40.01	16.498		
7,800.00	6,969.09	8,201.20	7,217.74	21.20	23.76	111.93	1,249.09	19.32	660.50	619.12	41.38	15.963		
7,900.00	6,966.68	8,301.20	7,215.69	22.09	24.69	111.95	1,249.58	-80.65	660.87	617.94	42.94	15.392		
8,000.00	6,964.27	8,401.20	7,213.64	23.07	25.69	111.97	1,250.06	-180.63	661.24	616.58	44.66	14.805		
8,100.00	6,961.87	8,501.20	7,211.58	24.13	26.75	111.99	1,250.54	-280.61	661.62	615.07	46.55	14.214		
8,200.00	6,959.46	8,601.20	7,209.53	25.25	27.86	112.01	1,251.03	-380.59	661.99	613.43	48.56	13.632		
8,300.00	6,957.05	8,701.20	7,207.48	26.42	29.03	112.03	1,251.51	-480.56	662.36	611.66	50.70	13.065		
8,400.00	6,954.65	8,801.20	7,205.42	27.65	30.24	112.05	1,251.99	-580.54	662.73	609.80	52.93	12.520		
8,500.00	6,952.24	8,901.20	7,203.37	28.92	31.49	112.07	1,252.48	-680.52	663.10	607.84	55.26	12.000		
8,600.00	6,949.83	9,001.20	7,201.32	30.23	32.77	112.09	1,252.96	-780.49	663.48	605.81	57.67	11.505		
8,700.00	6,947.43	9,101.21	7,199.26	31.57	34.09	112.11	1,253.44	-880.47	663.85	603.70	60.14	11.038		
8,800.00	6,945.02	9,198.79	7,197.21	32.94	35.40	112.13	1,253.93	-980.45	664.22	601.57	62.65	10.602		
8,900.00	6,942.62	9,301.21	7,195.16	34.34	36.80	112.15	1,254.41	-1,080.42	664.59	599.32	65.27	10.182		
9,000.00	6,940.21	9,401.21	7,193.10	35.76	38.20	112.17	1,254.89	-1,180.40	664.96	597.05	67.91	9.792		
9,100.00	6,937.80	9,501.21	7,191.05	37.21	39.61	112.19	1,255.38	-1,280.38	665.34	594.74	70.59	9.425		
9,200.00	6,935.40	9,601.21	7,189.00	38.67	41.04	112.21	1,255.86	-1,380.35	665.71	592.40	73.31	9.080		
9,300.00	6,932.99	9,701.21	7,186.94	40.14	42.49	112.23	1,256.35	-1,480.33	666.08	590.02	76.06	8.757		
9,400.00	6,930.58	9,801.21	7,184.89	41.64	43.96	112.25	1,256.83	-1,580.31	666.45	587.61	78.85	8.453		
9,500.00	6,928.18	9,901.21	7,182.84	43.14	45.43	112.27	1,257.31	-1,680.28	666.83	585.17	81.65	8.167		
9,600.00	6,925.77	10,001.21	7,180.78	44.66	46.93	112.29	1,257.80	-1,780.26	667.20	582.71	84.49	7.897		
9,700.00	6,923.37	10,101.22	7,178.73	46.18	48.43	112.31	1,258.28	-1,880.24	667.57	580.23	87.34	7.643		
9,800.00	6,920.96	10,201.22	7,176.68	47.72	49.94	112.33	1,258.76	-1,980.21	667.95	577.73	90.21	7.404		
9,900.00	6,918.55	10,301.22	7,174.62	49.27	51.46	112.35	1,259.25	-2,080.19	668.32	575.22	93.10	7.178		
10,000.00	6,916.15	10,401.22	7,172.57	50.82	52.99	112.36	1,259.73	-2,180.17	668.69	572.68	96.01	6.965		
10,100.00	6,913.74	10,501.22	7,170.52	52.38	54.53	112.38	1,260.21	-2,280.14	669.07	570.14	98.93	6.763		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	6,911.33	10,601.22	7,168.46	53.95	56.08	112.40	1,260.70	-2,380.12	669.44	567.58	101.86	6.572	
10,300.00	6,908.93	10,701.22	7,166.41	55.52	57.63	112.42	1,261.18	-2,480.10	669.81	565.00	104.81	6.391	
10,400.00	6,906.52	10,801.22	7,164.36	57.10	59.19	112.44	1,261.66	-2,580.07	670.19	562.42	107.76	6.219	
10,500.00	6,904.12	10,901.22	7,162.30	58.68	60.76	112.46	1,262.15	-2,680.05	670.56	559.83	110.73	6.056	
10,600.00	6,901.71	11,001.22	7,160.25	60.27	62.33	112.48	1,262.63	-2,780.03	670.93	557.23	113.71	5.901	
10,700.00	6,899.30	11,101.22	7,158.20	61.87	63.91	112.50	1,263.11	-2,880.01	671.31	554.62	116.69	5.753	
10,800.00	6,896.90	11,198.77	7,156.14	63.46	65.45	112.52	1,263.60	-2,979.98	671.68	552.04	119.64	5.614	
10,900.00	6,894.49	11,301.23	7,154.09	65.06	67.07	112.54	1,264.08	-3,079.96	672.05	549.37	122.68	5.478	
11,000.00	6,892.08	11,401.23	7,152.04	66.67	68.66	112.56	1,264.56	-3,179.94	672.43	546.74	125.68	5.350	
11,100.00	6,889.68	11,501.23	7,149.98	68.28	70.26	112.58	1,265.05	-3,279.91	672.80	544.11	128.70	5.228	
11,200.00	6,887.27	11,601.23	7,147.93	69.89	71.85	112.60	1,265.53	-3,379.89	673.18	541.46	131.71	5.111	
11,300.00	6,884.87	11,701.23	7,145.88	71.50	73.45	112.62	1,266.01	-3,479.87	673.55	538.82	134.73	4.999	
11,400.00	6,882.46	11,801.23	7,143.82	73.12	75.06	112.64	1,266.50	-3,579.84	673.92	536.16	137.76	4.892	
11,500.00	6,880.05	11,898.77	7,141.77	74.74	76.62	112.66	1,266.98	-3,679.82	674.30	533.55	140.75	4.791	
11,600.00	6,877.65	12,001.23	7,139.72	76.36	78.27	112.67	1,267.46	-3,779.80	674.67	530.85	143.83	4.691	
11,700.00	6,875.24	12,098.77	7,137.66	77.98	79.84	112.69	1,267.95	-3,879.77	675.05	528.22	146.83	4.598	
11,800.00	6,872.83	12,201.24	7,135.61	79.61	81.50	112.71	1,268.43	-3,979.75	675.42	525.52	149.91	4.506	
11,900.00	6,870.43	12,301.24	7,133.56	81.23	83.11	112.73	1,268.91	-4,079.73	675.80	522.84	152.95	4.418	
12,000.00	6,868.02	12,401.24	7,131.50	82.86	84.73	112.75	1,269.40	-4,179.70	676.17	520.17	156.00	4.334	
12,100.00	6,865.62	12,501.24	7,129.45	84.49	86.35	112.77	1,269.88	-4,279.68	676.55	517.49	159.05	4.254	
12,200.00	6,863.21	12,598.76	7,127.40	86.13	87.94	112.79	1,270.37	-4,379.66	676.92	514.85	162.07	4.177	
12,300.00	6,860.80	12,701.24	7,125.34	87.76	89.60	112.81	1,270.85	-4,479.63	677.30	512.13	165.16	4.101	
12,400.00	6,858.40	12,801.24	7,123.29	89.40	91.23	112.83	1,271.33	-4,579.61	677.67	509.45	168.22	4.028	
12,500.00	6,855.99	12,898.76	7,121.24	91.03	92.81	112.85	1,271.82	-4,679.59	678.05	506.80	171.24	3.960	
12,600.00	6,853.58	13,001.24	7,119.18	92.67	94.48	112.87	1,272.30	-4,779.56	678.42	504.08	174.35	3.891	
12,700.00	6,851.18	13,101.24	7,117.13	94.31	96.11	112.88	1,272.78	-4,879.54	678.80	501.39	177.41	3.826	
12,800.00	6,848.77	13,198.76	7,115.07	95.95	97.70	112.90	1,273.27	-4,979.52	679.17	498.73	180.44	3.764	
12,900.00	6,846.36	13,301.25	7,113.02	97.59	99.38	112.92	1,273.75	-5,079.49	679.55	496.00	183.54	3.702	
13,000.00	6,843.96	13,401.25	7,110.97	99.23	101.01	112.94	1,274.23	-5,179.47	679.92	493.31	186.61	3.643	
13,100.00	6,841.55	13,501.25	7,108.91	100.88	102.65	112.96	1,274.72	-5,279.45	680.30	490.61	189.69	3.586	
13,200.00	6,839.15	13,601.25	7,106.86	102.52	104.29	112.98	1,275.20	-5,379.42	680.67	487.91	192.76	3.531	
13,300.00	6,836.74	13,701.25	7,104.81	104.17	105.92	113.00	1,275.68	-5,479.40	681.05	485.22	195.83	3.478	
13,400.00	6,834.33	13,801.25	7,102.75	105.81	107.56	113.02	1,276.17	-5,579.38	681.42	482.52	198.91	3.426	
13,500.00	6,831.93	13,901.25	7,100.70	107.46	109.20	113.04	1,276.65	-5,679.36	681.80	479.82	201.98	3.376	
13,600.00	6,829.52	14,001.25	7,098.65	109.11	110.84	113.05	1,277.13	-5,779.33	682.18	477.12	205.06	3.327	
13,700.00	6,827.11	14,101.25	7,096.59	110.75	112.49	113.07	1,277.62	-5,879.31	682.55	474.42	208.14	3.279	
13,800.00	6,824.71	14,201.25	7,094.54	112.40	114.13	113.09	1,278.10	-5,979.29	682.93	471.71	211.21	3.233	
13,900.00	6,822.30	14,301.26	7,092.49	114.05	115.77	113.11	1,278.58	-6,079.26	683.30	469.01	214.29	3.189	
14,000.00	6,819.90	14,401.26	7,090.43	115.70	117.42	113.13	1,279.07	-6,179.24	683.68	466.31	217.37	3.145	
14,100.00	6,817.49	14,501.26	7,088.38	117.35	119.06	113.15	1,279.55	-6,279.22	684.06	463.60	220.45	3.103	
14,200.00	6,815.08	14,601.26	7,086.33	119.01	120.71	113.17	1,280.03	-6,379.19	684.43	460.90	223.54	3.062	
14,300.00	6,812.68	14,701.26	7,084.27	120.66	122.36	113.19	1,280.52	-6,479.17	684.81	458.19	226.62	3.022	
14,400.00	6,810.27	14,801.26	7,082.22	122.31	124.00	113.20	1,281.00	-6,579.15	685.18	455.49	229.70	2.983	
14,500.00	6,807.86	14,901.26	7,080.17	123.96	125.65	113.22	1,281.48	-6,679.12	685.56	452.78	232.78	2.945	
14,600.00	6,805.46	15,001.26	7,078.11	125.62	127.30	113.24	1,281.97	-6,779.10	685.94	450.07	235.87	2.908	
14,700.00	6,803.05	15,101.26	7,076.06	127.27	128.95	113.26	1,282.45	-6,879.08	686.31	447.37	238.95	2.872	
14,800.00	6,800.65	15,201.26	7,074.01	128.93	130.60	113.28	1,282.94	-6,979.05	686.69	444.66	242.03	2.837	
14,900.00	6,798.24	15,298.74	7,071.95	130.58	132.21	113.30	1,283.42	-7,079.03	687.07	441.99	245.08	2.803	
15,000.00	6,795.83	15,401.27	7,069.90	132.24	133.90	113.32	1,283.90	-7,179.01	687.45	439.24	248.20	2.770	
15,100.00	6,793.43	15,501.27	7,067.85	133.89	135.56	113.33	1,284.39	-7,278.98	687.82	436.53	251.29	2.737	
15,200.00	6,791.02	15,601.27	7,065.79	135.55	137.21	113.35	1,284.87	-7,378.96	688.20	433.83	254.37	2.705	
15,300.00	6,788.61	15,701.27	7,063.74	137.21	138.86	113.37	1,285.35	-7,478.94	688.58	431.12	257.46	2.675	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
15,383.95	6,786.59	15,782.68	7,062.02	138.60	140.21	113.39	1,285.76	-7,562.87	688.89	428.89	260.01	2.650 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.35	-0.36	59.86	59.86				
100.00	100.00	101.00	101.00	3.28	3.28	90.35	-0.36	59.86	59.86	52.33	7.53	7.951	
200.00	200.00	201.00	201.00	3.31	3.31	90.35	-0.36	59.86	59.86	52.28	7.57	7.903	
300.00	300.00	299.97	299.96	3.35	3.35	29.24	0.37	60.50	60.13	52.47	7.66	7.848	
400.00	399.93	398.57	398.47	3.42	3.42	27.78	3.60	63.31	59.97	52.18	7.79	7.702	
500.00	499.68	497.12	496.71	3.51	3.51	25.44	9.36	68.35	59.12	51.18	7.95	7.439	
600.00	599.13	595.58	594.55	3.62	3.62	22.11	17.67	75.60	57.72	49.57	8.15	7.084	
700.00	698.15	693.95	691.86	3.76	3.76	17.62	28.49	85.04	55.93	47.55	8.38	6.672	
800.00	796.63	792.21	788.51	3.94	3.94	11.79	41.80	96.67	54.03	45.38	8.65	6.245	
855.09	850.69	846.29	841.43	4.05	4.05	7.87	50.19	103.99	53.52	44.70	8.81	6.072 CC, ES	
900.00	894.70	890.32	884.36	4.15	4.15	4.33	57.58	110.44	53.66	44.71	8.95	5.998	
1,000.00	992.76	988.29	979.30	4.40	4.41	-4.00	75.78	126.33	57.47	48.19	9.28	6.195	
1,100.00	1,090.82	1,087.78	1,075.36	4.66	4.72	-11.46	95.29	143.36	63.77	54.06	9.71	6.570	
1,200.00	1,188.88	1,187.27	1,171.41	4.95	5.05	-17.50	114.80	160.39	70.95	60.77	10.19	6.966	
1,300.00	1,286.94	1,286.76	1,267.47	5.25	5.40	-22.40	134.31	177.43	78.78	68.07	10.71	7.354	
1,400.00	1,385.00	1,386.25	1,363.53	5.56	5.77	-26.38	153.82	194.46	87.07	75.80	11.27	7.723	
1,500.00	1,483.07	1,485.74	1,459.59	5.89	6.16	-29.67	173.34	211.49	95.71	83.84	11.87	8.061	
1,600.00	1,581.13	1,585.23	1,555.65	6.23	6.56	-32.40	192.85	228.53	104.61	92.11	12.50	8.370	
1,700.00	1,679.19	1,684.72	1,651.71	6.57	6.97	-34.70	212.36	245.56	113.71	100.56	13.15	8.650	
1,800.00	1,777.25	1,784.21	1,747.77	6.92	7.38	-36.66	231.87	262.59	122.96	109.15	13.81	8.902	
1,900.00	1,875.31	1,883.70	1,843.83	7.11	7.65	-38.35	251.38	279.63	132.34	118.51	13.83	9.569	
2,000.00	1,973.37	1,983.19	1,939.88	7.16	7.74	-39.81	270.90	296.66	141.82	127.86	13.96	10.162	
2,100.00	2,071.43	2,082.67	2,035.94	7.22	7.82	-41.08	290.41	313.69	151.37	137.29	14.09	10.745	
2,200.00	2,169.50	2,182.16	2,132.00	7.30	7.92	-42.21	309.92	330.73	161.00	146.74	14.26	11.293	
2,300.00	2,267.56	2,281.65	2,228.06	7.39	8.04	-43.20	329.43	347.76	170.67	156.22	14.46	11.806	
2,400.00	2,365.62	2,381.14	2,324.12	7.50	8.18	-44.09	348.94	364.79	180.39	165.70	14.69	12.281	
2,500.00	2,463.68	2,480.63	2,420.18	7.63	8.33	-44.89	368.46	381.83	190.15	175.20	14.95	12.716	
2,600.00	2,561.74	2,580.12	2,516.24	7.77	8.50	-45.61	387.97	398.86	199.95	184.70	15.25	13.114	
2,700.00	2,659.80	2,679.61	2,612.30	7.92	8.68	-46.27	407.48	415.89	209.77	194.20	15.57	13.474	
2,800.00	2,757.86	2,779.10	2,708.35	8.08	8.88	-46.86	426.99	432.92	219.62	203.70	15.92	13.798	
2,900.00	2,855.93	2,878.59	2,804.41	8.26	9.09	-47.41	446.50	449.96	229.48	213.20	16.29	14.088	
3,000.00	2,953.99	2,978.08	2,900.47	8.45	9.31	-47.91	466.01	466.99	239.37	222.69	16.69	14.346	
3,100.00	3,052.05	3,077.57	2,996.53	8.64	9.54	-48.36	485.53	484.02	249.27	232.17	17.10	14.575	
3,200.00	3,150.11	3,177.06	3,092.59	8.85	9.79	-48.79	505.04	501.06	259.19	241.65	17.54	14.776	
3,300.00	3,248.17	3,276.55	3,188.65	9.07	10.04	-49.18	524.55	518.09	269.12	251.13	18.00	14.953	
3,400.00	3,346.23	3,376.04	3,284.71	9.29	10.30	-49.55	544.06	535.12	279.07	260.60	18.47	15.108	
3,500.00	3,444.29	3,475.53	3,380.77	9.52	10.57	-49.89	563.57	552.16	289.02	270.06	18.96	15.242	
3,600.00	3,542.36	3,575.01	3,476.82	9.76	10.85	-50.20	583.09	569.19	298.98	279.52	19.47	15.359	
3,700.00	3,640.42	3,674.50	3,572.88	10.01	11.14	-50.50	602.60	586.22	308.95	288.97	19.99	15.459	
3,800.00	3,738.48	3,773.99	3,668.94	10.26	11.43	-50.78	622.11	603.26	318.93	298.42	20.52	15.545	
3,900.00	3,836.54	3,873.48	3,765.00	10.52	11.73	-51.04	641.62	620.29	328.92	307.86	21.06	15.619	
4,000.00	3,934.60	3,972.97	3,861.06	10.78	12.04	-51.29	661.13	637.32	338.91	317.30	21.61	15.681	
4,100.00	4,032.66	4,072.46	3,957.12	11.05	12.35	-51.52	680.65	654.36	348.91	326.73	22.18	15.733	
4,200.00	4,130.73	4,171.95	4,053.18	11.32	12.66	-51.74	700.16	671.39	358.91	336.16	22.75	15.776	
4,300.00	4,228.79	4,271.44	4,149.23	11.60	12.98	-51.94	719.67	688.42	368.92	345.59	23.33	15.812	
4,400.00	4,326.85	4,370.93	4,245.29	11.88	13.30	-52.14	739.18	705.46	378.93	355.01	23.92	15.841	
4,500.00	4,424.91	4,470.42	4,341.35	12.16	13.63	-52.33	758.69	722.49	388.95	364.43	24.52	15.864	
4,600.00	4,522.97	4,569.91	4,437.41	12.45	13.96	-52.50	778.20	739.52	398.97	373.85	25.12	15.881	
4,700.00	4,621.03	4,669.40	4,533.47	12.74	14.30	-52.67	797.72	756.56	409.00	383.26	25.73	15.894	
4,800.00	4,719.09	4,768.89	4,629.53	13.04	14.64	-52.83	817.23	773.59	419.02	392.68	26.35	15.903	
4,900.00	4,817.16	4,868.38	4,725.59	13.33	14.98	-52.98	836.74	790.62	429.06	402.09	26.97	15.909	
5,000.00	4,915.22	4,967.86	4,821.65	13.63	15.32	-53.13	856.25	807.66	439.09	411.49	27.60	15.911	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,013.28	5,067.35	4,917.70	13.94	15.66	-53.27	875.76	824.69	449.13	420.90	28.23	15.910		
5,200.00	5,111.34	5,166.84	5,013.76	14.24	16.01	-53.40	895.28	841.72	459.16	430.30	28.86	15.908		
5,300.00	5,209.40	5,266.33	5,109.82	14.55	16.36	-53.53	914.79	858.75	469.21	439.70	29.50	15.903		
5,400.00	5,307.46	5,365.82	5,205.88	14.86	16.72	-53.65	934.30	875.79	479.25	449.10	30.15	15.896		
5,500.00	5,405.52	5,465.31	5,301.94	15.17	17.07	-53.77	953.81	892.82	489.29	458.50	30.80	15.888		
5,600.00	5,503.59	5,564.80	5,398.00	15.48	17.43	-53.88	973.32	909.85	499.34	467.89	31.45	15.878		
5,700.00	5,601.65	5,664.29	5,494.06	15.79	17.79	-53.99	992.84	926.89	509.39	477.29	32.10	15.867		
5,800.00	5,699.71	5,763.78	5,590.12	16.11	18.15	-54.09	1,012.35	943.92	519.44	486.68	32.76	15.856		
5,900.00	5,797.77	5,863.27	5,686.17	16.43	18.51	-54.19	1,031.86	960.95	529.49	496.07	33.42	15.843		
6,000.00	5,895.83	5,962.76	5,782.23	16.74	18.87	-54.29	1,051.37	977.99	539.55	505.46	34.08	15.830		
6,100.00	5,993.89	6,062.25	5,878.29	17.06	19.23	-54.38	1,070.88	995.02	549.60	514.85	34.75	15.816		
6,200.00	6,091.95	6,161.74	5,974.35	17.39	19.60	-54.47	1,090.39	1,012.05	559.66	524.24	35.42	15.801		
6,300.00	6,190.02	6,261.23	6,070.41	17.71	19.97	-54.56	1,109.91	1,029.09	569.72	533.63	36.09	15.786		
6,400.00	6,288.39	6,360.65	6,166.41	17.99	20.33	-36.48	1,129.41	1,046.11	579.98	543.28	36.70	15.805		
6,500.00	6,387.80	6,462.41	6,264.82	18.17	20.69	40.48	1,149.40	1,062.40	591.50	554.40	37.10	15.941		
6,600.00	6,486.12	6,572.50	6,372.53	18.29	20.97	72.21	1,171.31	1,065.22	603.48	566.10	37.39	16.141		
6,700.00	6,580.94	6,666.26	6,482.61	18.34	21.17	81.62	1,193.73	1,048.22	615.21	577.62	37.60	16.364		
6,800.00	6,669.91	6,803.56	6,591.12	18.34	21.29	85.81	1,215.88	1,010.09	626.22	588.48	37.74	16.594		
6,900.00	6,750.85	6,923.99	6,693.45	18.32	21.33	88.01	1,236.81	950.51	636.05	598.20	37.85	16.804		
7,000.00	6,821.76	7,046.89	6,784.66	18.29	21.30	89.15	1,255.51	870.57	644.30	606.31	38.00	16.957		
7,100.00	6,880.90	7,171.34	6,859.95	18.28	21.21	89.61	1,271.01	772.96	650.65	612.40	38.25	17.010		
7,200.00	6,926.81	7,296.23	6,915.39	18.34	21.08	89.58	1,282.49	661.85	654.88	616.19	38.68	16.929		
7,300.00	6,958.36	7,420.40	6,948.40	18.50	20.94	89.15	1,289.43	542.56	656.91	617.57	39.34	16.698		
7,400.00	6,974.77	7,542.74	6,958.17	18.78	20.90	88.40	1,291.64	420.82	656.79	616.58	40.20	16.336		
7,500.00	6,976.30	7,644.03	6,955.52	19.17	21.18	88.10	1,291.29	319.57	655.95	614.82	41.13	15.947		
7,600.00	6,973.90	7,744.03	6,952.85	19.72	21.77	88.08	1,290.93	219.61	655.37	613.11	42.26	15.507		
7,700.00	6,971.49	7,844.02	6,950.19	20.41	22.52	88.06	1,290.57	119.65	654.80	611.18	43.62	15.010		
7,800.00	6,969.09	7,944.02	6,947.53	21.20	23.37	88.03	1,290.21	19.68	654.23	609.03	45.20	14.475		
7,900.00	6,966.68	8,044.02	6,944.86	22.09	24.31	88.01	1,289.86	-80.28	653.65	606.69	46.96	13.920		
8,000.00	6,964.27	8,144.02	6,942.20	23.07	25.31	87.98	1,289.50	-180.24	653.08	604.19	48.89	13.358		
8,100.00	6,961.87	8,244.02	6,939.53	24.13	26.38	87.96	1,289.14	-280.20	652.50	601.54	50.97	12.802		
8,200.00	6,959.46	8,344.01	6,936.87	25.25	27.50	87.93	1,288.78	-380.16	651.93	598.75	53.18	12.259		
8,300.00	6,957.05	8,444.01	6,934.20	26.42	28.68	87.91	1,288.42	-480.13	651.36	595.85	55.50	11.736		
8,400.00	6,954.65	8,544.01	6,931.54	27.65	29.89	87.88	1,288.07	-580.09	650.78	592.85	57.93	11.234		
8,500.00	6,952.24	8,644.01	6,928.87	28.92	31.15	87.86	1,287.71	-680.05	650.21	589.77	60.44	10.757		
8,600.00	6,949.83	8,744.01	6,926.21	30.23	32.44	87.83	1,287.35	-780.01	649.64	586.60	63.04	10.305		
8,700.00	6,947.43	8,844.00	6,923.54	31.57	33.76	87.81	1,286.99	-879.97	649.06	583.36	65.70	9.879		
8,800.00	6,945.02	8,944.00	6,920.88	32.94	35.11	87.79	1,286.63	-979.93	648.49	580.07	68.42	9.478		
8,900.00	6,942.62	9,044.00	6,918.22	34.34	36.48	87.76	1,286.28	-1,079.90	647.92	576.72	71.20	9.100		
9,000.00	6,940.21	9,144.00	6,915.55	35.76	37.88	87.74	1,285.92	-1,179.86	647.35	573.32	74.02	8.745		
9,100.00	6,937.80	9,244.00	6,912.89	37.21	39.30	87.71	1,285.56	-1,279.82	646.77	569.88	76.89	8.412		
9,200.00	6,935.40	9,343.99	6,910.22	38.67	40.73	87.69	1,285.20	-1,379.78	646.20	566.41	79.79	8.098		
9,300.00	6,932.99	9,443.99	6,907.56	40.14	42.19	87.66	1,284.84	-1,479.74	645.63	562.90	82.73	7.804		
9,400.00	6,930.58	9,543.99	6,904.89	41.64	43.65	87.64	1,284.48	-1,579.71	645.06	559.36	85.70	7.527		
9,500.00	6,928.18	9,643.99	6,902.23	43.14	45.14	87.61	1,284.13	-1,679.67	644.48	555.79	88.69	7.266		
9,600.00	6,925.77	9,743.99	6,899.56	44.66	46.63	87.59	1,283.77	-1,779.63	643.91	552.20	91.71	7.021		
9,700.00	6,923.37	9,843.98	6,896.90	46.18	48.13	87.56	1,283.41	-1,879.59	643.34	548.59	94.75	6.790		
9,800.00	6,920.96	9,943.98	6,894.24	47.72	49.65	87.54	1,283.05	-1,979.55	642.77	544.95	97.81	6.571		
9,900.00	6,918.55	10,043.98	6,891.57	49.27	51.17	87.51	1,282.69	-2,079.51	642.20	541.30	100.89	6.365		
10,000.00	6,916.15	10,143.98	6,888.91	50.82	52.71	87.48	1,282.34	-2,179.48	641.63	537.64	103.99	6.170		
10,100.00	6,913.74	10,243.98	6,886.24	52.38	54.25	87.46	1,281.98	-2,279.44	641.05	533.95	107.10	5.986		
10,200.00	6,911.33	10,343.97	6,883.58	53.95	55.80	87.43	1,281.62	-2,379.40	640.48	530.26	110.22	5.811		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,443.97	6,880.91	55.52	57.35	87.41	1,281.26	-2,479.36	639.91	526.55	113.36	5.645	
10,400.00	6,906.52	10,543.97	6,878.25	57.10	58.91	87.38	1,280.90	-2,579.32	639.34	522.83	116.51	5.487	
10,500.00	6,904.12	10,643.97	6,875.58	58.68	60.48	87.36	1,280.55	-2,679.29	638.77	519.10	119.67	5.338	
10,600.00	6,901.71	10,743.97	6,872.92	60.27	62.05	87.33	1,280.19	-2,779.25	638.20	515.36	122.84	5.195	
10,700.00	6,899.30	10,843.96	6,870.25	61.87	63.63	87.31	1,279.83	-2,879.21	637.63	511.61	126.02	5.060	
10,800.00	6,896.90	10,943.96	6,867.59	63.46	65.21	87.28	1,279.47	-2,979.17	637.06	507.86	129.20	4.931	
10,900.00	6,894.49	11,043.96	6,864.93	65.06	66.80	87.25	1,279.11	-3,079.13	636.49	504.09	132.40	4.807	
11,000.00	6,892.08	11,143.96	6,862.26	66.67	68.39	87.23	1,278.75	-3,179.09	635.92	500.32	135.60	4.690	
11,100.00	6,889.68	11,243.96	6,859.60	68.28	69.98	87.20	1,278.40	-3,279.06	635.35	496.54	138.81	4.577	
11,200.00	6,887.27	11,343.95	6,856.93	69.89	71.58	87.18	1,278.04	-3,379.02	634.78	492.76	142.02	4.470	
11,300.00	6,884.87	11,443.95	6,854.27	71.50	73.18	87.15	1,277.68	-3,478.98	634.21	488.97	145.24	4.367	
11,400.00	6,882.46	11,543.95	6,851.60	73.12	74.78	87.13	1,277.32	-3,578.94	633.64	485.17	148.47	4.268	
11,500.00	6,880.05	11,643.95	6,848.94	74.74	76.39	87.10	1,276.96	-3,678.90	633.07	481.37	151.70	4.173	
11,600.00	6,877.65	11,743.95	6,846.27	76.36	78.00	87.07	1,276.61	-3,778.87	632.50	477.57	154.94	4.082	
11,700.00	6,875.24	11,843.94	6,843.61	77.98	79.61	87.05	1,276.25	-3,878.83	631.93	473.76	158.18	3.995	
11,800.00	6,872.83	11,943.94	6,840.95	79.61	81.23	87.02	1,275.89	-3,978.79	631.36	469.94	161.42	3.911	
11,900.00	6,870.43	12,043.94	6,838.28	81.23	82.84	86.99	1,275.53	-4,078.75	630.79	466.13	164.67	3.831	
12,000.00	6,868.02	12,143.94	6,835.62	82.86	84.46	86.97	1,275.17	-4,178.71	630.22	462.30	167.92	3.753	
12,100.00	6,865.62	12,243.93	6,832.95	84.49	86.08	86.94	1,274.82	-4,278.67	629.66	458.48	171.17	3.678	
12,200.00	6,863.21	12,343.93	6,830.29	86.13	87.70	86.92	1,274.46	-4,378.64	629.09	454.65	174.43	3.606	
12,300.00	6,860.80	12,443.93	6,827.62	87.76	89.33	86.89	1,274.10	-4,478.60	628.52	450.82	177.70	3.537	
12,400.00	6,858.40	12,543.93	6,824.96	89.40	90.95	86.86	1,273.74	-4,578.56	627.95	446.99	180.96	3.470	
12,500.00	6,855.99	12,643.93	6,822.29	91.03	92.58	86.84	1,273.38	-4,678.52	627.38	443.16	184.23	3.405	
12,600.00	6,853.58	12,743.92	6,819.63	92.67	94.21	86.81	1,273.02	-4,778.48	626.81	439.32	187.50	3.343	
12,700.00	6,851.18	12,843.92	6,816.96	94.31	95.84	86.78	1,272.67	-4,878.45	626.25	435.48	190.77	3.283	
12,800.00	6,848.77	12,943.92	6,814.30	95.95	97.47	86.76	1,272.31	-4,978.41	625.68	431.63	194.04	3.224	
12,900.00	6,846.36	13,043.92	6,811.64	97.59	99.10	86.73	1,271.95	-5,078.37	625.11	427.79	197.32	3.168	
13,000.00	6,843.96	13,143.92	6,808.97	99.23	100.74	86.70	1,271.59	-5,178.33	624.54	423.94	200.60	3.113	
13,100.00	6,841.55	13,243.91	6,806.31	100.88	102.37	86.68	1,271.23	-5,278.29	623.98	420.10	203.88	3.061	
13,200.00	6,839.15	13,343.91	6,803.64	102.52	104.01	86.65	1,270.88	-5,378.25	623.41	416.25	207.16	3.009	
13,300.00	6,836.74	13,443.91	6,800.98	104.17	105.65	86.62	1,270.52	-5,478.22	622.84	412.39	210.45	2.960	
13,400.00	6,834.33	13,543.91	6,798.31	105.81	107.29	86.60	1,270.16	-5,578.18	622.27	408.54	213.73	2.911	
13,500.00	6,831.93	13,643.91	6,795.65	107.46	108.93	86.57	1,269.80	-5,678.14	621.71	404.69	217.02	2.865	
13,600.00	6,829.52	13,743.90	6,792.98	109.11	110.57	86.54	1,269.44	-5,778.10	621.14	400.83	220.31	2.819	
13,700.00	6,827.11	13,843.90	6,790.32	110.75	112.21	86.52	1,269.09	-5,878.06	620.57	396.97	223.60	2.775	
13,800.00	6,824.71	13,943.90	6,787.66	112.40	113.85	86.49	1,268.73	-5,978.03	620.01	393.12	226.89	2.733	
13,900.00	6,822.30	14,043.90	6,784.99	114.05	115.50	86.46	1,268.37	-6,077.99	619.44	389.26	230.19	2.691	
14,000.00	6,819.90	14,143.90	6,782.33	115.70	117.14	86.43	1,268.01	-6,177.95	618.88	385.40	233.48	2.651	
14,100.00	6,817.49	14,243.89	6,779.66	117.35	118.78	86.41	1,267.65	-6,277.91	618.31	381.53	236.78	2.611	
14,200.00	6,815.08	14,343.89	6,777.00	119.01	120.43	86.38	1,267.29	-6,377.87	617.74	377.67	240.07	2.573	
14,300.00	6,812.68	14,443.89	6,774.33	120.66	122.08	86.35	1,266.94	-6,477.83	617.18	373.81	243.37	2.536	
14,400.00	6,810.27	14,543.89	6,771.67	122.31	123.72	86.32	1,266.58	-6,577.80	616.61	369.94	246.67	2.500	
14,500.00	6,807.86	14,643.89	6,769.00	123.96	125.37	86.30	1,266.22	-6,677.76	616.05	366.08	249.97	2.464	
14,600.00	6,805.46	14,743.88	6,766.34	125.62	127.02	86.27	1,265.86	-6,777.72	615.48	362.21	253.27	2.430	
14,700.00	6,803.05	14,843.88	6,763.67	127.27	128.67	86.24	1,265.50	-6,877.68	614.92	358.35	256.57	2.397	
14,800.00	6,800.65	14,943.88	6,761.01	128.93	130.32	86.21	1,265.15	-6,977.64	614.35	354.48	259.87	2.364	
14,900.00	6,798.24	15,043.88	6,758.35	130.58	131.97	86.19	1,264.79	-7,077.61	613.79	350.61	263.18	2.332	
15,000.00	6,795.83	15,143.88	6,755.68	132.24	133.62	86.16	1,264.43	-7,177.57	613.22	346.74	266.48	2.301	
15,100.00	6,793.43	15,243.87	6,753.02	133.89	135.27	86.13	1,264.07	-7,277.53	612.66	342.87	269.79	2.271	
15,200.00	6,791.02	15,343.87	6,750.35	135.55	136.92	86.10	1,263.71	-7,377.49	612.09	339.00	273.09	2.241	
15,300.00	6,788.61	15,443.87	6,747.69	137.21	138.57	86.08	1,263.36	-7,477.45	611.53	335.13	276.40	2.213	
15,383.95	6,786.59	15,527.82	6,745.45	138.60	139.96	86.05	1,263.05	-7,561.37	611.06	331.88	279.17	2.189 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	90.42	-0.73	99.95	99.95					
100.00	100.00	102.00	102.00	3.28	3.28	90.42	-0.73	99.95	99.95	92.42	7.53	13.275		
200.00	200.00	202.00	202.00	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.57	13.196		
300.00	300.00	299.88	299.86	3.35	3.35	29.14	0.66	101.00	100.65	92.98	7.66	13.137		
400.00	399.93	397.73	397.57	3.42	3.42	27.79	4.70	104.07	100.79	93.00	7.79	12.946		
500.00	499.68	495.47	494.95	3.51	3.51	25.87	11.40	109.15	100.07	92.12	7.95	12.590		
600.00	599.13	593.09	591.85	3.62	3.62	23.31	20.72	116.23	98.60	90.45	8.15	12.097		
700.00	698.15	690.55	688.15	3.76	3.77	20.03	32.64	125.28	96.53	88.14	8.39	11.502		
800.00	796.63	787.83	783.72	3.94	3.94	15.94	47.14	136.28	94.09	85.42	8.67	10.851		
889.16	884.11	874.39	868.18	4.13	4.14	11.36	62.21	147.72	92.99	84.04	8.95	10.394		
900.00	894.70	884.90	878.40	4.15	4.16	10.77	64.18	149.21	92.80	83.82	8.98	10.335 CC, ES		
1,000.00	992.76	981.64	971.98	4.40	4.42	4.59	83.68	164.02	95.27	85.96	9.31	10.232		
1,100.00	1,090.82	1,080.93	1,067.61	4.66	4.73	-1.71	104.95	180.16	100.36	90.64	9.72	10.321		
1,200.00	1,188.88	1,180.21	1,163.23	4.95	5.07	-7.35	126.22	196.30	106.56	96.38	10.18	10.471		
1,300.00	1,286.94	1,279.50	1,258.86	5.25	5.44	-12.33	147.48	212.45	113.68	103.01	10.67	10.656		
1,400.00	1,385.00	1,378.78	1,354.49	5.56	5.81	-16.70	168.75	228.59	121.55	110.36	11.19	10.862		
1,500.00	1,483.07	1,478.07	1,450.12	5.89	6.21	-20.52	190.02	244.73	130.04	118.29	11.75	11.063		
1,600.00	1,581.13	1,577.35	1,545.75	6.23	6.62	-23.86	211.29	260.88	139.04	126.69	12.35	11.261		
1,700.00	1,679.19	1,676.64	1,641.37	6.57	7.03	-26.79	232.55	277.02	148.46	135.49	12.97	11.448		
1,800.00	1,777.25	1,775.92	1,737.00	6.92	7.46	-29.37	253.82	293.16	158.21	144.60	13.61	11.624		
1,900.00	1,875.31	1,875.21	1,832.63	7.11	7.75	-31.65	275.09	309.30	168.25	154.62	13.63	12.346		
2,000.00	1,973.37	1,974.49	1,928.26	7.16	7.86	-33.67	296.35	325.45	178.52	164.76	13.76	12.973		
2,100.00	2,071.43	2,073.78	2,023.88	7.22	7.94	-35.46	317.62	341.59	188.98	175.09	13.89	13.604		
2,200.00	2,169.50	2,173.06	2,119.51	7.30	8.04	-37.07	338.89	357.73	199.61	185.55	14.06	14.198		
2,300.00	2,267.56	2,272.35	2,215.14	7.39	8.16	-38.51	360.16	373.87	210.39	196.12	14.26	14.751		
2,400.00	2,365.62	2,371.63	2,310.77	7.50	8.30	-39.82	381.42	390.02	221.28	206.78	14.50	15.262		
2,500.00	2,463.68	2,470.92	2,406.39	7.63	8.45	-41.00	402.69	406.16	232.27	217.50	14.77	15.729		
2,600.00	2,561.74	2,570.20	2,502.02	7.77	8.62	-42.07	423.96	422.30	243.35	228.29	15.07	16.153		
2,700.00	2,659.80	2,669.49	2,597.65	7.92	8.81	-43.05	445.22	438.44	254.51	239.12	15.39	16.535		
2,800.00	2,757.86	2,768.77	2,693.28	8.08	9.01	-43.95	466.49	454.59	265.74	249.99	15.75	16.875		
2,900.00	2,855.93	2,868.06	2,788.91	8.26	9.22	-44.77	487.76	470.73	277.03	260.90	16.13	17.178		
3,000.00	2,953.99	2,967.34	2,884.53	8.45	9.44	-45.53	509.03	486.87	288.36	271.83	16.53	17.445		
3,100.00	3,052.05	3,066.63	2,980.16	8.64	9.68	-46.24	530.29	503.01	299.75	282.79	16.95	17.680		
3,200.00	3,150.11	3,165.91	3,075.79	8.85	9.93	-46.89	551.56	519.16	311.17	293.78	17.40	17.884		
3,300.00	3,248.17	3,265.20	3,171.42	9.07	10.19	-47.49	572.83	535.30	322.64	304.77	17.86	18.061		
3,400.00	3,346.23	3,364.48	3,267.04	9.29	10.45	-48.06	594.10	551.44	334.13	315.79	18.35	18.214		
3,500.00	3,444.29	3,463.77	3,362.67	9.52	10.73	-48.58	615.36	567.58	345.66	326.82	18.84	18.344		
3,600.00	3,542.36	3,563.05	3,458.30	9.76	11.01	-49.07	636.63	583.73	357.21	337.86	19.36	18.456		
3,700.00	3,640.42	3,662.34	3,553.93	10.01	11.30	-49.54	657.90	599.87	368.79	348.91	19.88	18.550		
3,800.00	3,738.48	3,761.62	3,649.56	10.26	11.60	-49.97	679.16	616.01	380.39	359.97	20.42	18.629		
3,900.00	3,836.54	3,860.91	3,745.18	10.52	11.90	-50.38	700.43	632.15	392.01	371.04	20.97	18.694		
4,000.00	3,934.60	3,960.19	3,840.81	10.78	12.21	-50.76	721.70	648.30	403.65	382.12	21.53	18.747		
4,100.00	4,032.66	4,059.48	3,936.44	11.05	12.52	-51.12	742.97	664.44	415.30	393.20	22.10	18.790		
4,200.00	4,130.73	4,158.76	4,032.07	11.32	12.84	-51.47	764.23	680.58	426.97	404.29	22.68	18.824		
4,300.00	4,228.79	4,258.05	4,127.69	11.60	13.17	-51.79	785.50	696.72	438.66	415.39	23.27	18.850		
4,400.00	4,326.85	4,357.34	4,223.32	11.88	13.49	-52.10	806.77	712.87	450.36	426.49	23.87	18.869		
4,500.00	4,424.91	4,456.62	4,318.95	12.16	13.83	-52.39	828.03	729.01	462.07	437.59	24.47	18.882		
4,600.00	4,522.97	4,555.91	4,414.58	12.45	14.16	-52.67	849.30	745.15	473.79	448.71	25.08	18.889		
4,700.00	4,621.03	4,655.19	4,510.20	12.74	14.50	-52.93	870.57	761.29	485.52	459.82	25.70	18.892		
4,800.00	4,719.09	4,754.48	4,605.83	13.04	14.84	-53.18	891.84	777.44	497.26	470.94	26.32	18.891		
4,900.00	4,817.16	4,853.76	4,701.46	13.33	15.19	-53.42	913.10	793.58	509.01	482.06	26.95	18.886		
5,000.00	4,915.22	4,953.05	4,797.09	13.63	15.54	-53.65	934.37	809.72	520.77	493.19	27.58	18.879		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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	5,013.28	5,052.33	4,892.72	13.94	15.89	-53.87	955.64	825.86	532.54	504.32	28.22	18.869	
5,200.00	5,111.34	5,151.62	4,988.34	14.24	16.24	-54.08	976.90	842.01	544.31	515.45	28.87	18.857	
5,300.00	5,209.40	5,250.90	5,083.97	14.55	16.59	-54.28	998.17	858.15	556.09	526.58	29.51	18.843	
5,400.00	5,307.46	5,350.19	5,179.60	14.86	16.95	-54.48	1,019.44	874.29	567.88	537.72	30.16	18.827	
5,500.00	5,405.52	5,449.47	5,275.23	15.17	17.31	-54.66	1,040.71	890.43	579.67	548.86	30.82	18.810	
5,600.00	5,503.59	5,548.76	5,370.85	15.48	17.67	-54.84	1,061.97	906.58	591.47	560.00	31.48	18.791	
5,700.00	5,601.65	5,648.04	5,466.48	15.79	18.03	-55.01	1,083.24	922.72	603.28	571.14	32.14	18.772	
5,800.00	5,699.71	5,747.33	5,562.11	16.11	18.40	-55.17	1,104.51	938.86	615.09	582.29	32.80	18.752	
5,900.00	5,797.77	5,846.61	5,657.74	16.43	18.77	-55.33	1,125.78	955.00	626.90	593.44	33.47	18.732	
6,000.00	5,895.83	5,945.90	5,753.36	16.74	19.13	-55.48	1,147.04	971.15	638.72	604.59	34.14	18.710	
6,100.00	5,993.89	6,045.18	5,848.99	17.06	19.50	-55.63	1,168.31	987.29	650.55	615.74	34.81	18.689	
6,200.00	6,091.95	6,144.47	5,944.62	17.39	19.87	-55.77	1,189.58	1,003.43	662.37	626.89	35.48	18.667	
6,300.00	6,190.02	6,243.75	6,040.25	17.71	20.24	-55.90	1,210.84	1,019.57	674.20	638.04	36.16	18.645	
6,400.00	6,288.39	6,342.99	6,135.83	17.99	20.62	-38.00	1,232.10	1,035.71	686.18	649.41	36.78	18.658	
6,500.00	6,387.80	6,440.99	6,230.22	18.17	20.98	38.60	1,253.09	1,051.64	699.12	661.91	37.20	18.792	
6,600.00	6,486.12	6,535.40	6,321.15	18.29	21.34	70.65	1,273.32	1,066.99	713.74	676.28	37.46	19.054	
6,700.00	6,580.94	6,633.15	6,415.56	18.34	21.68	81.32	1,294.33	1,081.02	731.18	693.58	37.59	19.450	
6,800.00	6,669.91	6,747.80	6,527.28	18.34	21.98	87.30	1,319.33	1,080.59	750.46	712.74	37.71	19.899	
6,900.00	6,750.85	6,875.45	6,649.27	18.32	22.21	91.40	1,346.83	1,056.01	770.29	732.48	37.81	20.373	
7,000.00	6,821.76	7,018.68	6,777.26	18.29	22.35	94.50	1,375.94	999.46	789.25	751.39	37.87	20.842	
7,100.00	6,880.90	7,178.87	6,901.67	18.28	22.37	96.79	1,404.58	903.39	805.61	767.68	37.92	21.242	
7,200.00	6,926.81	7,354.44	7,006.41	18.34	22.25	98.17	1,429.15	765.35	817.50	779.36	38.14	21.434	
7,300.00	6,958.36	7,539.20	7,072.58	18.50	22.01	98.46	1,445.37	594.31	823.46	784.70	38.76	21.245	
7,400.00	6,974.77	7,714.72	7,088.72	18.78	21.73	97.72	1,450.42	420.15	822.98	783.18	39.80	20.676	
7,500.00	6,976.30	7,814.56	7,086.07	19.17	21.92	97.54	1,450.65	320.34	822.04	781.39	40.65	20.223	
7,600.00	6,973.90	7,914.56	7,083.41	19.72	22.59	97.52	1,450.88	220.38	822.01	780.30	41.71	19.708	
7,700.00	6,971.49	8,014.56	7,080.75	20.41	23.38	97.50	1,451.11	120.42	821.98	778.98	43.00	19.114	
7,800.00	6,969.09	8,114.56	7,078.09	21.20	24.25	97.48	1,451.34	20.45	821.96	777.44	44.51	18.465	
7,900.00	6,966.68	8,214.56	7,075.44	22.09	25.20	97.47	1,451.57	-79.51	821.93	775.71	46.22	17.784	
8,000.00	6,964.27	8,314.56	7,072.78	23.07	26.20	97.45	1,451.80	-179.48	821.90	773.81	48.09	17.090	
8,100.00	6,961.87	8,414.56	7,070.12	24.13	27.27	97.43	1,452.03	-279.44	821.87	771.75	50.12	16.397	
8,200.00	6,959.46	8,514.56	7,067.46	25.25	28.39	97.41	1,452.26	-379.41	821.84	769.56	52.28	15.719	
8,300.00	6,957.05	8,614.56	7,064.81	26.42	29.55	97.40	1,452.49	-479.37	821.82	767.25	54.57	15.061	
8,400.00	6,954.65	8,714.56	7,062.15	27.65	30.76	97.38	1,452.72	-579.33	821.79	764.84	56.95	14.430	
8,500.00	6,952.24	8,814.56	7,059.49	28.92	32.01	97.36	1,452.95	-679.30	821.76	762.33	59.43	13.828	
8,600.00	6,949.83	8,914.56	7,056.83	30.23	33.29	97.34	1,453.18	-779.26	821.73	759.75	61.99	13.257	
8,700.00	6,947.43	9,014.56	7,054.17	31.57	34.60	97.33	1,453.41	-879.23	821.70	757.09	64.61	12.717	
8,800.00	6,945.02	9,114.56	7,051.52	32.94	35.94	97.31	1,453.64	-979.19	821.68	754.37	67.30	12.208	
8,900.00	6,942.62	9,214.56	7,048.86	34.34	37.30	97.29	1,453.87	-1,079.15	821.65	751.60	70.05	11.729	
9,000.00	6,940.21	9,314.56	7,046.20	35.76	38.69	97.27	1,454.09	-1,179.12	821.62	748.78	72.85	11.279	
9,100.00	6,937.80	9,414.56	7,043.54	37.21	40.10	97.26	1,454.32	-1,279.08	821.59	745.91	75.68	10.856	
9,200.00	6,935.40	9,514.56	7,040.89	38.67	41.52	97.24	1,454.55	-1,379.05	821.57	743.01	78.56	10.458	
9,300.00	6,932.99	9,614.56	7,038.23	40.14	42.97	97.22	1,454.78	-1,479.01	821.54	740.07	81.47	10.084	
9,400.00	6,930.58	9,714.56	7,035.57	41.64	44.43	97.20	1,455.01	-1,578.97	821.51	737.10	84.41	9.732	
9,500.00	6,928.18	9,814.56	7,032.91	43.14	45.90	97.19	1,455.24	-1,678.94	821.48	734.10	87.38	9.401	
9,600.00	6,925.77	9,914.56	7,030.25	44.66	47.38	97.17	1,455.47	-1,778.90	821.46	731.08	90.38	9.089	
9,700.00	6,923.37	10,014.56	7,027.60	46.18	48.88	97.15	1,455.70	-1,878.87	821.43	728.03	93.40	8.795	
9,800.00	6,920.96	10,114.56	7,024.94	47.72	50.39	97.13	1,455.93	-1,978.83	821.40	724.97	96.44	8.517	
9,900.00	6,918.55	10,214.56	7,022.28	49.27	51.91	97.12	1,456.16	-2,078.79	821.38	721.88	99.50	8.255	
10,000.00	6,916.15	10,314.56	7,019.62	50.82	53.43	97.10	1,456.39	-2,178.76	821.35	718.78	102.57	8.008	
10,100.00	6,913.74	10,414.56	7,016.97	52.38	54.97	97.08	1,456.62	-2,278.72	821.32	715.66	105.66	7.773	
10,200.00	6,911.33	10,514.56	7,014.31	53.95	56.51	97.06	1,456.85	-2,378.69	821.30	712.53	108.77	7.551	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,614.56	7,011.65	55.52	58.06	97.05	1,457.08	-2,478.65	821.27	709.39	111.88	7.340	
10,400.00	6,906.52	10,714.56	7,008.99	57.10	59.61	97.03	1,457.31	-2,578.62	821.24	706.23	115.01	7.140	
10,500.00	6,904.12	10,814.56	7,006.33	58.68	61.17	97.01	1,457.54	-2,678.58	821.22	703.06	118.15	6.950	
10,600.00	6,901.71	10,914.55	7,003.68	60.27	62.74	96.99	1,457.77	-2,778.54	821.19	699.88	121.31	6.770	
10,700.00	6,899.30	11,014.55	7,001.02	61.87	64.31	96.98	1,458.00	-2,878.51	821.16	696.70	124.47	6.597	
10,800.00	6,896.90	11,114.55	6,998.36	63.46	65.89	96.96	1,458.23	-2,978.47	821.14	693.50	127.64	6.433	
10,900.00	6,894.49	11,214.55	6,995.70	65.06	67.47	96.94	1,458.46	-3,078.44	821.11	690.30	130.81	6.277	
11,000.00	6,892.08	11,314.55	6,993.05	66.67	69.05	96.92	1,458.69	-3,178.40	821.09	687.09	134.00	6.128	
11,100.00	6,889.68	11,414.55	6,990.39	68.28	70.64	96.91	1,458.91	-3,278.36	821.06	683.87	137.19	5.985	
11,200.00	6,887.27	11,514.55	6,987.73	69.89	72.24	96.89	1,459.14	-3,378.33	821.03	680.64	140.39	5.848	
11,300.00	6,884.87	11,614.55	6,985.07	71.50	73.83	96.87	1,459.37	-3,478.29	821.01	677.41	143.60	5.717	
11,400.00	6,882.46	11,714.55	6,982.41	73.12	75.43	96.85	1,459.60	-3,578.26	820.98	674.18	146.81	5.592	
11,500.00	6,880.05	11,814.55	6,979.76	74.74	77.04	96.84	1,459.83	-3,678.22	820.96	670.93	150.02	5.472	
11,600.00	6,877.65	11,914.55	6,977.10	76.36	78.64	96.82	1,460.06	-3,778.18	820.93	667.69	153.25	5.357	
11,700.00	6,875.24	12,014.55	6,974.44	77.98	80.25	96.80	1,460.29	-3,878.15	820.91	664.43	156.47	5.246	
11,800.00	6,872.83	12,114.55	6,971.78	79.61	81.86	96.79	1,460.52	-3,978.11	820.88	661.18	159.70	5.140	
11,900.00	6,870.43	12,214.55	6,969.13	81.23	83.47	96.77	1,460.75	-4,078.08	820.86	657.92	162.94	5.038	
12,000.00	6,868.02	12,314.55	6,966.47	82.86	85.09	96.75	1,460.98	-4,178.04	820.83	654.65	166.18	4.940	
12,100.00	6,865.62	12,414.55	6,963.81	84.49	86.70	96.73	1,461.21	-4,278.01	820.81	651.39	169.42	4.845	
12,200.00	6,863.21	12,514.55	6,961.15	86.13	88.32	96.72	1,461.44	-4,377.97	820.78	648.11	172.67	4.754	
12,300.00	6,860.80	12,614.55	6,958.49	87.76	89.95	96.70	1,461.67	-4,477.93	820.75	644.84	175.92	4.666	
12,400.00	6,858.40	12,714.55	6,955.84	89.40	91.57	96.68	1,461.90	-4,577.90	820.73	641.56	179.17	4.581	
12,500.00	6,855.99	12,814.55	6,953.18	91.03	93.19	96.66	1,462.13	-4,677.86	820.71	638.28	182.42	4.499	
12,600.00	6,853.58	12,914.55	6,950.52	92.67	94.82	96.65	1,462.36	-4,777.83	820.68	635.00	185.68	4.420	
12,700.00	6,851.18	13,014.55	6,947.86	94.31	96.45	96.63	1,462.59	-4,877.79	820.66	631.71	188.95	4.343	
12,800.00	6,848.77	13,114.55	6,945.21	95.95	98.08	96.61	1,462.82	-4,977.75	820.63	628.42	192.21	4.269	
12,900.00	6,846.36	13,214.55	6,942.55	97.59	99.71	96.59	1,463.05	-5,077.72	820.61	625.13	195.48	4.198	
13,000.00	6,843.96	13,314.55	6,939.89	99.23	101.34	96.58	1,463.28	-5,177.68	820.58	621.84	198.75	4.129	
13,100.00	6,841.55	13,414.55	6,937.23	100.88	102.97	96.56	1,463.51	-5,277.65	820.56	618.54	202.02	4.062	
13,200.00	6,839.15	13,514.55	6,934.57	102.52	104.61	96.54	1,463.73	-5,377.61	820.53	615.24	205.29	3.997	
13,300.00	6,836.74	13,614.55	6,931.92	104.17	106.24	96.52	1,463.96	-5,477.57	820.51	611.94	208.57	3.934	
13,400.00	6,834.33	13,714.55	6,929.26	105.81	107.88	96.51	1,464.19	-5,577.54	820.48	608.64	211.84	3.873	
13,500.00	6,831.93	13,814.55	6,926.60	107.46	109.52	96.49	1,464.42	-5,677.50	820.46	605.34	215.12	3.814	
13,600.00	6,829.52	13,914.55	6,923.94	109.11	111.16	96.47	1,464.65	-5,777.47	820.44	602.03	218.41	3.756	
13,700.00	6,827.11	14,014.55	6,921.29	110.75	112.80	96.45	1,464.88	-5,877.43	820.41	598.72	221.69	3.701	
13,800.00	6,824.71	14,114.54	6,918.63	112.40	114.44	96.44	1,465.11	-5,977.39	820.39	595.41	224.97	3.647	
13,900.00	6,822.30	14,214.54	6,915.97	114.05	116.08	96.42	1,465.34	-6,077.36	820.36	592.10	228.26	3.594	
14,000.00	6,819.90	14,314.54	6,913.31	115.70	117.72	96.40	1,465.57	-6,177.32	820.34	588.79	231.55	3.543	
14,100.00	6,817.49	14,414.54	6,910.66	117.35	119.37	96.38	1,465.80	-6,277.29	820.32	585.48	234.84	3.493	
14,200.00	6,815.08	14,514.54	6,908.00	119.01	121.01	96.37	1,466.03	-6,377.25	820.29	582.16	238.13	3.445	
14,300.00	6,812.68	14,614.54	6,905.34	120.66	122.66	96.35	1,466.26	-6,477.22	820.27	578.85	241.42	3.398	
14,400.00	6,810.27	14,714.54	6,902.68	122.31	124.30	96.33	1,466.49	-6,577.18	820.25	575.53	244.72	3.352	
14,500.00	6,807.86	14,814.54	6,900.02	123.96	125.95	96.31	1,466.72	-6,677.14	820.22	572.21	248.01	3.307	
14,600.00	6,805.46	14,914.54	6,897.37	125.62	127.59	96.30	1,466.95	-6,777.11	820.20	568.89	251.31	3.264	
14,700.00	6,803.05	15,014.54	6,894.71	127.27	129.24	96.28	1,467.18	-6,877.07	820.18	565.57	254.61	3.221	
14,800.00	6,800.65	15,114.54	6,892.05	128.93	130.89	96.26	1,467.41	-6,977.04	820.15	562.25	257.90	3.180	
14,900.00	6,798.24	15,214.54	6,889.39	130.58	132.54	96.24	1,467.64	-7,077.00	820.13	558.93	261.20	3.140	
15,000.00	6,795.83	15,314.54	6,886.74	132.24	134.19	96.23	1,467.87	-7,176.96	820.11	555.60	264.50	3.101	
15,100.00	6,793.43	15,414.54	6,884.08	133.89	135.84	96.21	1,468.10	-7,276.93	820.09	552.28	267.81	3.062	
15,200.00	6,791.02	15,514.54	6,881.42	135.55	137.49	96.19	1,468.33	-7,376.89	820.06	548.95	271.11	3.025	
15,300.00	6,788.61	15,614.54	6,878.76	137.21	139.14	96.17	1,468.55	-7,476.86	820.04	545.63	274.41	2.988	
15,383.95	6,786.59	15,698.49	6,876.53	138.60	140.53	96.16	1,468.75	-7,560.78	820.02	542.83	277.19	2.958 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-90.00	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	
300.00	300.00	300.33	300.33	3.35	3.35	-150.77	0.16	-19.63	20.02	12.35	7.66	2.612	
400.00	399.93	400.98	400.92	3.42	3.41	-152.13	1.41	-16.33	19.78	12.00	7.78	2.541	
500.00	499.68	501.63	501.31	3.51	3.51	-154.95	3.92	-9.72	19.34	11.40	7.94	2.436	
600.00	599.13	602.27	601.38	3.62	3.62	-159.41	7.68	0.18	18.77	10.64	8.13	2.309	
700.00	698.15	702.89	701.00	3.76	3.76	-165.72	12.68	13.35	18.21	9.85	8.36	2.179	
756.40	753.77	759.56	756.88	3.86	3.86	-170.15	16.04	22.19	17.98	9.47	8.51	2.114 CC, ES	
800.00	796.63	803.14	799.80	3.94	3.94	-173.91	18.72	29.25	18.34	9.70	8.64	2.122	
900.00	894.70	903.08	898.23	4.15	4.15	178.21	24.86	45.44	20.71	11.71	9.00	2.301	
1,000.00	992.76	1,003.01	996.65	4.40	4.38	172.04	31.01	61.64	23.42	14.02	9.40	2.491	
1,100.00	1,090.82	1,102.95	1,095.07	4.66	4.63	167.20	37.16	77.83	26.34	16.50	9.84	2.676	
1,200.00	1,188.88	1,202.88	1,193.50	4.95	4.90	163.35	43.31	94.02	29.42	19.09	10.33	2.849	
1,300.00	1,286.94	1,302.82	1,291.92	5.25	5.18	160.23	49.45	110.21	32.60	21.76	10.84	3.007	
1,400.00	1,385.00	1,402.75	1,390.34	5.56	5.48	157.68	55.60	126.40	35.86	24.48	11.38	3.151	
1,500.00	1,483.07	1,502.69	1,488.77	5.89	5.78	155.56	61.75	142.59	39.18	27.24	11.95	3.280	
1,600.00	1,581.13	1,602.62	1,587.19	6.23	6.10	153.77	67.90	158.79	42.55	30.02	12.53	3.395	
1,700.00	1,679.19	1,702.56	1,686.61	6.57	6.42	152.24	74.04	174.98	45.95	32.82	13.13	3.499	
1,800.00	1,777.25	1,802.50	1,784.03	6.92	6.74	150.92	80.19	191.17	49.38	35.63	13.75	3.592	
1,900.00	1,875.31	1,902.43	1,882.46	7.11	6.92	149.78	86.34	207.36	52.83	39.13	13.70	3.855	
2,000.00	1,973.37	2,002.37	1,980.88	7.16	6.96	148.78	92.48	223.55	56.30	42.52	13.78	4.085	
2,100.00	2,071.43	2,102.30	2,079.30	7.22	7.01	147.89	98.63	239.74	59.79	45.89	13.89	4.303	
2,200.00	2,169.50	2,202.24	2,177.73	7.30	7.08	147.10	104.78	255.93	63.29	49.25	14.04	4.509	
2,300.00	2,267.56	2,302.17	2,276.15	7.39	7.17	146.39	110.93	272.13	66.80	52.59	14.21	4.701	
2,400.00	2,365.62	2,402.11	2,374.57	7.50	7.27	145.76	117.07	288.32	70.31	55.90	14.41	4.879	
2,500.00	2,463.68	2,502.04	2,473.00	7.63	7.39	145.18	123.22	304.51	73.84	59.20	14.64	5.043	
2,600.00	2,561.74	2,601.98	2,571.42	7.77	7.52	144.66	129.37	320.70	77.37	62.47	14.90	5.192	
2,700.00	2,659.80	2,701.91	2,669.84	7.92	7.66	144.19	135.52	336.89	80.91	65.73	15.19	5.328	
2,800.00	2,757.86	2,801.85	2,768.26	8.08	7.81	143.75	141.66	353.08	84.46	68.96	15.50	5.450	
2,900.00	2,855.93	2,901.78	2,866.69	8.26	7.97	143.35	147.81	369.28	88.01	72.18	15.83	5.560	
3,000.00	2,953.99	3,001.72	2,965.11	8.45	8.15	142.98	153.96	385.47	91.56	75.38	16.18	5.658	
3,100.00	3,052.05	3,101.65	3,063.53	8.64	8.34	142.63	160.11	401.66	95.11	78.56	16.56	5.744	
3,200.00	3,150.11	3,201.59	3,161.96	8.85	8.53	142.32	166.25	417.85	98.67	81.72	16.95	5.821	
3,300.00	3,248.17	3,301.52	3,260.38	9.07	8.73	142.02	172.40	434.04	102.24	84.87	17.36	5.888	
3,400.00	3,346.23	3,401.46	3,358.80	9.29	8.94	141.74	178.55	450.23	105.80	88.01	17.79	5.946	
3,500.00	3,444.29	3,501.39	3,457.23	9.52	9.16	141.49	184.69	466.42	109.37	91.13	18.24	5.997	
3,600.00	3,542.36	3,601.33	3,555.65	9.76	9.39	141.24	190.84	482.62	112.94	94.24	18.70	6.041	
3,700.00	3,640.42	3,701.26	3,654.07	10.01	9.62	141.02	196.99	498.81	116.51	97.34	19.17	6.079	
3,800.00	3,738.48	3,801.20	3,752.49	10.26	9.86	140.80	203.14	515.00	120.08	100.43	19.65	6.111	
3,900.00	3,836.54	3,901.13	3,850.92	10.52	10.10	140.60	209.28	531.19	123.65	103.51	20.15	6.138	
4,000.00	3,934.60	4,001.07	3,949.34	10.78	10.35	140.41	215.43	547.38	127.23	106.58	20.65	6.161	
4,100.00	4,032.66	4,101.00	4,047.76	11.05	10.61	140.23	221.58	563.57	130.81	109.64	21.17	6.180	
4,200.00	4,130.73	4,200.94	4,146.19	11.32	10.87	140.06	227.73	579.77	134.39	112.69	21.69	6.195	
4,300.00	4,228.79	4,300.88	4,244.61	11.60	11.13	139.90	233.87	595.96	137.96	115.74	22.23	6.208	
4,400.00	4,326.85	4,400.81	4,343.03	11.88	11.40	139.75	240.02	612.15	141.54	118.78	22.77	6.217	
4,500.00	4,424.91	4,500.75	4,441.46	12.16	11.67	139.60	246.17	628.34	145.13	121.81	23.31	6.225	
4,600.00	4,522.97	4,600.68	4,539.88	12.45	11.94	139.47	252.32	644.53	148.71	124.84	23.87	6.230	
4,700.00	4,621.03	4,700.62	4,638.30	12.74	12.22	139.33	258.46	660.72	152.29	127.86	24.43	6.234	
4,800.00	4,719.09	4,800.55	4,736.72	13.04	12.50	139.21	264.61	676.91	155.87	130.88	25.00	6.235	
4,900.00	4,817.16	4,900.49	4,835.15	13.33	12.78	139.09	270.76	693.11	159.46	133.89	25.57	6.236	
5,000.00	4,915.22	5,000.42	4,933.57	13.63	13.07	138.97	276.90	709.30	163.04	136.90	26.15	6.235	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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	5,013.28	5,100.36	5,031.99	13.94	13.35	138.86	283.05	725.49	166.63	139.90	26.73	6.234		
5,200.00	5,111.34	5,200.29	5,130.42	14.24	13.64	138.76	289.20	741.68	170.22	142.90	27.32	6.231		
5,300.00	5,209.40	5,300.23	5,228.84	14.55	13.94	138.66	295.35	757.87	173.80	145.89	27.91	6.227		
5,400.00	5,307.46	5,400.16	5,327.26	14.86	14.23	138.56	301.49	774.06	177.39	148.89	28.50	6.223		
5,500.00	5,405.52	5,500.10	5,425.69	15.17	14.53	138.47	307.64	790.25	180.98	151.87	29.10	6.218		
5,600.00	5,503.59	5,600.03	5,524.11	15.48	14.83	138.38	313.79	806.45	184.57	154.86	29.71	6.213		
5,700.00	5,601.65	5,699.97	5,622.53	15.79	15.13	138.29	319.94	822.64	188.16	157.84	30.31	6.207		
5,800.00	5,699.71	5,800.10	5,720.95	16.11	15.43	138.21	326.08	838.83	191.74	160.82	30.92	6.201		
5,900.00	5,797.77	5,899.84	5,819.38	16.43	15.73	138.13	332.23	855.02	195.33	163.80	31.53	6.195		
6,000.00	5,895.83	6,000.23	5,917.80	16.74	16.03	138.05	338.38	871.21	198.92	166.78	32.15	6.188		
6,100.00	5,993.89	6,099.71	6,016.22	17.06	16.34	137.98	344.53	887.40	202.51	169.75	32.76	6.181		
6,200.00	6,091.95	6,200.36	6,114.65	17.39	16.65	137.91	350.67	903.60	206.11	172.72	33.38	6.174		
6,300.00	6,190.02	6,300.42	6,213.07	17.71	16.96	137.84	356.82	919.79	209.70	175.69	34.01	6.166		
6,400.00	6,288.39	6,399.47	6,311.45	17.99	17.26	155.74	362.96	935.97	212.62	178.00	34.62	6.142		
6,500.00	6,387.80	6,501.87	6,408.62	18.17	17.58	-131.89	369.03	951.96	212.01	176.66	35.35	5.997		
6,595.32	6,481.58	6,588.85	6,497.96	18.28	17.85	-109.07	374.61	966.65	210.69	174.56	36.13	5.831		
6,600.00	6,486.12	6,593.18	6,502.23	18.29	17.86	-108.82	374.88	967.36	210.70	174.53	36.17	5.825		
6,700.00	6,580.94	6,683.66	6,591.46	18.34	18.13	-110.29	380.46	981.19	214.97	178.07	36.90	5.826		
6,800.00	6,669.91	6,778.95	6,686.41	18.34	18.31	-116.68	386.44	984.67	228.94	191.75	37.19	6.157		
6,900.00	6,750.85	6,882.72	6,789.11	18.32	18.43	-123.74	392.97	972.28	251.25	214.27	36.98	6.794		
7,000.00	6,821.76	6,997.43	6,898.61	18.29	18.49	-130.31	400.02	939.38	279.09	242.80	36.29	7.691		
7,100.00	6,880.90	7,126.05	7,012.11	18.28	18.49	-135.98	407.43	879.81	309.15	273.95	35.20	8.783		
7,200.00	6,926.81	7,271.59	7,123.15	18.34	18.46	-140.63	414.83	786.50	337.94	303.95	33.99	9.943		
7,300.00	6,958.36	7,435.88	7,219.40	18.50	18.51	-144.14	421.45	654.09	361.86	328.64	33.22	10.893		
7,400.00	6,974.77	7,617.32	7,282.62	18.78	18.83	-146.34	426.14	484.73	377.44	343.78	33.66	11.214		
7,500.00	6,976.30	7,791.99	7,296.45	19.17	19.44	-147.00	427.73	311.14	381.90	346.58	35.32	10.813		
7,600.00	6,973.90	7,891.99	7,293.41	19.72	19.97	-146.95	427.95	211.18	381.37	345.01	36.37	10.487		
7,700.00	6,971.49	8,008.02	7,290.37	20.41	20.73	-146.89	428.17	111.23	380.84	343.21	37.63	10.121		
7,800.00	6,969.09	8,108.02	7,287.32	21.20	21.51	-146.84	428.39	11.28	380.31	341.39	38.92	9.771		
7,900.00	6,966.68	8,191.98	7,284.28	22.09	22.24	-146.79	428.61	-88.67	379.78	339.58	40.21	9.446		
8,000.00	6,964.27	8,308.02	7,281.24	23.07	23.34	-146.74	428.83	-188.62	379.25	337.45	41.81	9.071		
8,100.00	6,961.87	8,408.02	7,278.20	24.13	24.38	-146.68	429.05	-288.57	378.72	335.34	43.38	8.730		
8,200.00	6,959.46	8,508.03	7,275.16	25.25	25.48	-146.63	429.27	-388.52	378.20	333.17	45.03	8.399		
8,300.00	6,957.05	8,591.97	7,272.11	26.42	26.45	-146.57	429.49	-488.48	377.67	331.06	46.61	8.103		
8,400.00	6,954.65	8,708.03	7,269.07	27.65	27.86	-146.52	429.71	-588.43	377.14	328.62	48.52	7.772		
8,500.00	6,952.24	8,791.97	7,266.03	28.92	28.91	-146.47	429.93	-688.38	376.61	326.40	50.21	7.501		
8,600.00	6,949.83	8,908.03	7,262.99	30.23	30.41	-146.41	430.15	-788.33	376.09	323.85	52.24	7.199		
8,700.00	6,947.43	9,008.04	7,259.95	31.57	31.74	-146.36	430.37	-888.28	375.56	321.39	54.16	6.934		
8,800.00	6,945.02	9,108.04	7,256.91	32.94	33.11	-146.30	430.59	-988.23	375.03	318.90	56.13	6.681		
8,900.00	6,942.62	9,191.96	7,253.86	34.34	34.27	-146.25	430.82	-1,088.18	374.51	316.53	57.98	6.460		
9,000.00	6,940.21	9,308.04	7,250.82	35.76	35.91	-146.19	431.04	-1,188.14	373.98	313.81	60.17	6.215		
9,100.00	6,937.80	9,408.04	7,247.78	37.21	37.35	-146.14	431.26	-1,288.09	373.46	311.22	62.24	6.000		
9,200.00	6,935.40	9,491.95	7,244.74	38.67	38.57	-146.09	431.48	-1,388.04	372.93	308.76	64.17	5.812		
9,300.00	6,932.99	9,608.05	7,241.70	40.14	40.27	-146.03	431.70	-1,487.99	372.41	305.95	66.46	5.604		
9,400.00	6,930.58	9,708.05	7,238.66	41.64	41.76	-145.97	431.92	-1,587.94	371.88	303.28	68.60	5.421		
9,500.00	6,928.18	9,791.95	7,235.61	43.14	43.02	-145.92	432.14	-1,687.89	371.36	300.76	70.60	5.260		
9,600.00	6,925.77	9,908.05	7,232.57	44.66	44.77	-145.86	432.36	-1,787.84	370.83	297.88	72.95	5.083		
9,700.00	6,923.37	10,008.06	7,229.53	46.18	46.29	-145.81	432.58	-1,887.80	370.31	295.15	75.16	4.927		
9,800.00	6,920.96	10,108.06	7,226.49	47.72	47.82	-145.75	432.80	-1,987.75	369.79	292.41	77.38	4.779		
9,900.00	6,918.55	10,208.06	7,223.45	49.27	49.37	-145.70	433.02	-2,087.70	369.26	289.65	79.62	4.638		
10,000.00	6,916.15	10,308.06	7,220.40	50.82	50.92	-145.64	433.24	-2,187.65	368.74	286.87	81.87	4.504		
10,100.00	6,913.74	10,408.07	7,217.36	52.38	52.47	-145.58	433.46	-2,287.60	368.22	284.08	84.14	4.376		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	6,911.33	10,491.93	7,214.32	53.95	53.79	-145.53	433.68	-2,387.55	367.70	281.46	86.24	4.264		
10,300.00	6,908.93	10,608.07	7,211.28	55.52	55.61	-145.47	433.90	-2,487.50	367.18	278.47	88.71	4.139		
10,400.00	6,906.52	10,708.07	7,208.24	57.10	57.19	-145.41	434.12	-2,587.46	366.66	275.64	91.02	4.028		
10,500.00	6,904.12	10,808.07	7,205.20	58.68	58.77	-145.36	434.34	-2,687.41	366.14	272.80	93.33	3.923		
10,600.00	6,901.71	10,908.08	7,202.15	60.27	60.35	-145.30	434.56	-2,787.36	365.62	269.96	95.66	3.822		
10,700.00	6,899.30	11,008.08	7,199.11	61.87	61.94	-145.24	434.78	-2,887.31	365.10	267.10	98.00	3.726		
10,800.00	6,896.90	11,091.92	7,196.07	63.46	63.28	-145.18	435.00	-2,987.26	364.58	264.42	100.16	3.640		
10,900.00	6,894.49	11,208.08	7,193.03	65.06	65.14	-145.13	435.22	-3,087.21	364.06	261.36	102.70	3.545		
11,000.00	6,892.08	11,308.08	7,189.99	66.67	66.74	-145.07	435.44	-3,187.16	363.54	258.47	105.07	3.460		
11,100.00	6,889.68	11,408.09	7,186.94	68.28	68.35	-145.01	435.66	-3,287.12	363.02	255.58	107.44	3.379		
11,200.00	6,887.27	11,508.09	7,183.90	69.89	69.96	-144.95	435.88	-3,387.07	362.50	252.68	109.82	3.301		
11,300.00	6,884.87	11,608.09	7,180.86	71.50	71.57	-144.89	436.10	-3,487.02	361.99	249.78	112.21	3.226		
11,400.00	6,882.46	11,691.91	7,177.82	73.12	72.92	-144.83	436.32	-3,586.97	361.47	247.05	114.42	3.159		
11,500.00	6,880.05	11,808.09	7,174.78	74.74	74.80	-144.77	436.54	-3,686.92	360.95	243.94	117.01	3.085		
11,600.00	6,877.65	11,908.10	7,171.74	76.36	76.42	-144.72	436.76	-3,786.87	360.44	241.01	119.43	3.018		
11,700.00	6,875.24	12,008.10	7,168.69	77.98	78.04	-144.66	436.98	-3,886.83	359.92	238.07	121.84	2.954		
11,800.00	6,872.83	12,108.10	7,165.65	79.61	79.66	-144.60	437.20	-3,986.78	359.40	235.13	124.27	2.892		
11,900.00	6,870.43	12,208.10	7,162.61	81.23	81.29	-144.54	437.42	-4,086.73	358.89	232.19	126.70	2.833		
12,000.00	6,868.02	12,291.90	7,159.57	82.86	82.65	-144.48	437.64	-4,186.68	358.37	229.42	128.95	2.779		
12,100.00	6,865.62	12,408.11	7,156.53	84.49	84.55	-144.42	437.86	-4,286.63	357.86	226.27	131.59	2.720		
12,200.00	6,863.21	12,508.11	7,153.49	86.13	86.18	-144.36	438.08	-4,386.58	357.35	223.31	134.04	2.666		
12,300.00	6,860.80	12,591.89	7,150.44	87.76	87.55	-144.30	438.30	-4,486.53	356.83	220.53	136.30	2.618		
12,400.00	6,858.40	12,708.11	7,147.40	89.40	89.45	-144.24	438.52	-4,586.49	356.32	217.36	138.96	2.564		
12,500.00	6,855.99	12,808.11	7,144.36	91.03	91.08	-144.18	438.74	-4,686.44	355.81	214.38	141.43	2.516		
12,600.00	6,853.58	12,908.12	7,141.32	92.67	92.72	-144.12	438.96	-4,786.39	355.29	211.39	143.91	2.469		
12,700.00	6,851.18	12,991.88	7,138.28	94.31	94.09	-144.06	439.18	-4,886.34	354.78	208.59	146.19	2.427		
12,800.00	6,848.77	13,108.12	7,135.23	95.95	95.99	-144.00	439.40	-4,986.29	354.27	205.40	148.87	2.380		
12,900.00	6,846.36	13,208.12	7,132.19	97.59	97.64	-143.93	439.62	-5,086.24	353.76	202.39	151.36	2.337		
13,000.00	6,843.96	13,308.12	7,129.15	99.23	99.28	-143.87	439.84	-5,186.19	353.25	199.39	153.86	2.296		
13,100.00	6,841.55	13,408.13	7,126.11	100.88	100.92	-143.81	440.06	-5,286.15	352.74	196.37	156.36	2.256		
13,200.00	6,839.15	13,508.13	7,123.07	102.52	102.56	-143.75	440.28	-5,386.10	352.23	193.35	158.87	2.217		
13,300.00	6,836.74	13,608.13	7,120.03	104.17	104.21	-143.69	440.51	-5,486.05	351.72	190.33	161.39	2.179		
13,400.00	6,834.33	13,691.87	7,116.98	105.81	105.58	-143.63	440.73	-5,586.00	351.21	187.50	163.71	2.145		
13,500.00	6,831.93	13,808.13	7,113.94	107.46	107.50	-143.56	440.95	-5,685.95	350.70	184.27	166.43	2.107		
13,600.00	6,829.52	13,908.14	7,110.90	109.11	109.14	-143.50	441.17	-5,785.90	350.19	181.24	168.95	2.073		
13,700.00	6,827.11	13,991.86	7,107.86	110.75	110.52	-143.44	441.39	-5,885.85	349.68	178.39	171.29	2.041		
13,800.00	6,824.71	14,108.14	7,104.82	112.40	112.44	-143.38	441.61	-5,985.81	349.18	175.15	174.03	2.006		
13,900.00	6,822.30	14,208.14	7,101.77	114.05	114.09	-143.31	441.83	-6,085.76	348.67	172.10	176.57	1.975		
14,000.00	6,819.90	14,291.86	7,098.73	115.70	115.47	-143.25	442.05	-6,185.71	348.16	169.24	178.92	1.946		
14,100.00	6,817.49	14,408.15	7,095.69	117.35	117.39	-143.19	442.27	-6,285.66	347.66	165.99	181.67	1.914		
14,200.00	6,815.08	14,508.15	7,092.65	119.01	119.04	-143.12	442.49	-6,385.61	347.15	162.92	184.23	1.884		
14,300.00	6,812.68	14,608.15	7,089.61	120.66	120.69	-143.06	442.71	-6,485.56	346.64	159.85	186.79	1.856		
14,400.00	6,810.27	14,708.15	7,086.57	122.31	122.34	-143.00	442.93	-6,585.51	346.14	156.78	189.36	1.828		
14,500.00	6,807.86	14,808.15	7,083.52	123.96	124.00	-142.93	443.15	-6,685.47	345.63	153.71	191.93	1.801		
14,600.00	6,805.46	14,891.84	7,080.48	125.62	125.38	-142.87	443.37	-6,785.42	345.13	150.82	194.31	1.776		
14,700.00	6,803.05	15,008.16	7,077.44	127.27	127.30	-142.80	443.59	-6,885.37	344.63	147.54	197.09	1.749		
14,800.00	6,800.65	15,091.84	7,074.40	128.93	128.69	-142.74	443.81	-6,985.32	344.12	144.65	199.47	1.725		
14,900.00	6,798.24	15,208.16	7,071.36	130.58	130.61	-142.67	444.03	-7,085.27	343.62	141.36	202.26	1.699		
15,000.00	6,795.83	15,308.16	7,068.32	132.24	132.27	-142.61	444.25	-7,185.22	343.12	138.26	204.86	1.675		
15,100.00	6,793.43	15,408.17	7,065.27	133.89	133.92	-142.54	444.47	-7,285.17	342.62	135.16	207.46	1.651		
15,200.00	6,791.02	15,491.83	7,062.23	135.55	135.31	-142.48	444.69	-7,385.13	342.11	132.25	209.86	1.630		
15,300.00	6,788.61	15,591.83	7,059.19	137.21	136.96	-142.41	444.91	-7,485.08	341.61	129.14	212.47	1.608		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,376.46	6,786.77	15,668.29	7,056.86	138.48	138.23	-142.36	445.08	-7,561.50	341.23	126.76	214.47	1.591 SF	
15,383.95	6,786.59	15,665.20	7,056.96	138.60	138.18	-142.36	445.07	-7,558.41	341.36	127.28	214.07	1.595	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.65	0.36	-60.14	60.14				
100.00	100.00	100.00	100.00	3.28	3.28	-89.65	0.36	-60.14	60.14	52.61	7.53	7.988	
200.00	200.00	200.00	200.00	3.31	3.31	-89.65	0.36	-60.14	60.14	52.56	7.57	7.940	
200.00	200.00	200.00	200.00	3.31	3.31	-89.65	0.36	-60.14	60.14	52.56	7.57	7.940 CC, ES	
300.00	300.00	300.00	300.00	3.35	3.35	-150.45	0.36	-60.14	60.52	52.85	7.66	7.897	
400.00	399.93	400.07	399.93	3.42	3.42	-151.98	0.36	-60.14	63.58	55.78	7.79	8.156	
500.00	499.68	500.32	499.68	3.51	3.50	-154.61	0.36	-60.14	69.81	61.84	7.97	8.758	
600.00	599.13	600.87	599.13	3.62	3.61	-157.77	0.36	-60.14	79.39	71.20	8.19	9.693	
700.00	698.15	701.85	698.15	3.76	3.74	-160.95	0.36	-60.14	92.43	83.98	8.45	10.938	
800.00	796.63	796.63	796.63	3.94	3.87	-163.83	0.36	-60.14	109.01	100.27	8.74	12.472	
900.00	894.70	898.97	898.95	4.15	4.01	-166.52	0.46	-58.43	126.34	117.28	9.05	13.958	
1,000.00	992.76	1,002.51	1,002.34	4.40	4.17	-168.96	0.78	-52.99	140.46	131.09	9.37	14.985	
1,100.00	1,090.82	1,106.85	1,106.27	4.66	4.35	-171.36	1.32	-43.75	151.34	141.62	9.72	15.563	
1,200.00	1,188.88	1,211.74	1,210.32	4.95	4.55	-173.90	2.09	-30.65	159.01	148.90	10.10	15.737	
1,300.00	1,286.94	1,316.88	1,314.08	5.25	4.78	-176.70	3.08	-13.71	163.55	153.03	10.51	15.558	
1,400.00	1,385.00	1,418.04	1,413.44	5.56	5.03	-179.63	4.19	5.27	165.97	155.00	10.97	15.128	
1,500.00	1,483.07	1,517.66	1,511.25	5.89	5.29	177.54	5.30	24.11	168.68	157.21	11.47	14.711	
1,600.00	1,581.13	1,617.28	1,609.07	6.23	5.57	174.82	6.40	42.95	171.79	159.80	11.99	14.327	
1,700.00	1,679.19	1,716.90	1,706.89	6.57	5.87	172.19	7.50	61.79	175.28	162.73	12.54	13.974	
1,800.00	1,777.25	1,816.52	1,804.70	6.92	6.15	169.67	8.60	80.63	179.12	166.19	12.93	13.857	
1,900.00	1,875.31	1,916.14	1,902.52	7.11	6.30	167.26	9.71	99.47	183.30	170.27	13.03	14.072	
2,000.00	1,973.37	2,015.76	2,000.34	7.16	6.34	164.96	10.81	118.31	187.78	174.67	13.11	14.319	
2,100.00	2,071.43	2,115.38	2,098.15	7.22	6.40	162.78	11.91	137.15	192.56	179.32	13.24	14.543	
2,200.00	2,169.50	2,215.01	2,195.97	7.30	6.48	160.70	13.01	155.99	197.60	184.19	13.40	14.741	
2,300.00	2,267.56	2,314.63	2,293.79	7.39	6.57	158.72	14.12	174.83	202.89	189.28	13.60	14.913	
2,400.00	2,365.62	2,414.25	2,391.60	7.50	6.69	156.85	15.22	193.67	208.41	194.57	13.84	15.059	
2,500.00	2,463.68	2,513.87	2,489.42	7.63	6.82	155.07	16.32	212.51	214.14	200.03	14.11	15.180	
2,600.00	2,561.74	2,613.49	2,587.24	7.77	6.96	153.39	17.43	231.35	220.07	205.66	14.40	15.278	
2,700.00	2,659.80	2,713.11	2,685.05	7.92	7.12	151.80	18.53	250.19	226.17	211.44	14.73	15.353	
2,800.00	2,757.86	2,812.73	2,782.87	8.08	7.29	150.29	19.63	269.03	232.44	217.36	15.09	15.408	
2,900.00	2,855.93	2,912.35	2,880.69	8.26	7.48	148.86	20.73	287.87	238.87	223.40	15.47	15.445	
3,000.00	2,953.99	3,011.97	2,978.51	8.45	7.68	147.51	21.84	306.71	245.43	229.56	15.87	15.467	
3,100.00	3,052.05	3,111.59	3,076.32	8.64	7.89	146.23	22.94	325.55	252.12	235.83	16.29	15.476	
3,200.00	3,150.11	3,211.21	3,174.14	8.85	8.10	145.01	24.04	344.39	258.94	242.20	16.74	15.473	
3,300.00	3,248.17	3,310.83	3,271.96	9.07	8.33	143.86	25.15	363.23	265.86	248.66	17.20	15.460	
3,400.00	3,346.23	3,410.45	3,369.77	9.29	8.57	142.77	26.25	382.07	272.89	255.21	17.68	15.439	
3,500.00	3,444.29	3,510.07	3,467.59	9.52	8.81	141.73	27.35	400.91	280.00	261.84	18.17	15.411	
3,600.00	3,542.36	3,609.70	3,565.41	9.76	9.06	140.74	28.45	419.75	287.21	268.53	18.68	15.378	
3,700.00	3,640.42	3,709.32	3,663.22	10.01	9.32	139.81	29.56	438.59	294.50	275.30	19.20	15.341	
3,800.00	3,738.48	3,808.94	3,761.04	10.26	9.58	138.91	30.66	457.43	301.86	282.13	19.73	15.300	
3,900.00	3,836.54	3,908.56	3,858.86	10.52	9.85	138.06	31.76	476.27	309.29	289.02	20.27	15.258	
4,000.00	3,934.60	4,008.18	3,956.67	10.78	10.12	137.25	32.86	495.11	316.79	295.96	20.82	15.213	
4,100.00	4,032.66	4,107.80	4,054.49	11.05	10.40	136.48	33.97	513.94	324.34	302.96	21.39	15.166	
4,200.00	4,130.73	4,207.42	4,152.31	11.32	10.68	135.74	35.07	532.78	331.96	310.00	21.96	15.119	
4,300.00	4,228.79	4,307.04	4,250.12	11.60	10.97	135.04	36.17	551.62	339.62	317.09	22.53	15.071	
4,400.00	4,326.85	4,406.66	4,347.94	11.88	11.26	134.36	37.28	570.46	347.34	324.22	23.12	15.024	
4,500.00	4,424.91	4,506.28	4,445.76	12.16	11.56	133.72	38.38	589.30	355.09	331.38	23.71	14.976	
4,600.00	4,522.97	4,605.90	4,543.57	12.45	11.85	133.10	39.48	608.14	362.90	338.59	24.31	14.929	
4,700.00	4,621.03	4,705.52	4,641.39	12.74	12.15	132.51	40.58	626.98	370.74	345.83	24.91	14.882	
4,800.00	4,719.09	4,805.14	4,739.21	13.04	12.46	131.95	41.69	645.82	378.62	353.10	25.52	14.836	
4,900.00	4,817.16	4,904.76	4,837.03	13.33	12.76	131.41	42.79	664.66	386.53	360.40	26.13	14.791	
5,000.00	4,915.22	5,004.39	4,934.84	13.63	13.07	130.88	43.89	683.50	394.48	367.73	26.75	14.747	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,013.28	5,104.01	5,032.66	13.94	13.38	130.38	44.99	702.34	402.46	375.09	27.37	14.704	
5,200.00	5,111.34	5,203.63	5,130.48	14.24	13.69	129.90	46.10	721.18	410.47	382.47	28.00	14.661	
5,300.00	5,209.40	5,303.25	5,228.29	14.55	14.00	129.44	47.20	740.02	418.51	389.88	28.63	14.620	
5,400.00	5,307.46	5,402.87	5,326.11	14.86	14.32	129.00	48.30	758.86	426.57	397.31	29.26	14.579	
5,500.00	5,405.52	5,502.49	5,423.93	15.17	14.64	128.57	49.41	777.70	434.65	404.76	29.89	14.540	
5,600.00	5,503.59	5,602.11	5,521.74	15.48	14.96	128.15	50.51	796.54	442.77	412.23	30.53	14.501	
5,700.00	5,601.65	5,701.73	5,619.56	15.79	15.28	127.76	51.61	815.38	450.90	419.72	31.17	14.464	
5,800.00	5,699.71	5,801.35	5,717.38	16.11	15.60	127.37	52.71	834.22	459.05	427.23	31.82	14.427	
5,900.00	5,797.77	5,900.97	5,815.19	16.43	15.92	127.00	53.82	853.06	467.22	434.76	32.46	14.392	
6,000.00	5,895.83	6,000.59	5,913.01	16.74	16.25	126.64	54.92	871.90	475.42	442.30	33.11	14.358	
6,100.00	5,993.89	6,100.21	6,010.83	17.06	16.57	126.30	56.02	890.74	483.62	449.86	33.76	14.324	
6,200.00	6,091.95	6,200.17	6,108.64	17.39	16.90	125.96	57.12	909.58	491.85	457.43	34.42	14.291	
6,300.00	6,190.02	6,300.55	6,206.46	17.71	17.23	125.64	58.23	928.42	500.09	465.02	35.07	14.258	
6,400.00	6,288.39	6,392.83	6,298.72	17.99	17.46	144.39	59.26	942.37	508.60	473.03	35.57	14.297	
6,500.00	6,387.80	6,484.13	6,389.94	18.17	17.60	-138.36	60.28	943.27	517.26	481.39	35.88	14.418	
6,600.00	6,486.12	6,575.53	6,480.44	18.29	17.68	-106.75	61.27	931.11	525.76	489.70	36.06	14.580	
6,700.00	6,580.94	6,667.20	6,568.52	18.34	17.71	-97.44	62.23	906.02	533.91	497.76	36.15	14.770	
6,800.00	6,669.91	6,759.33	6,652.50	18.34	17.70	-93.32	63.13	868.34	541.53	505.37	36.16	14.975	
6,900.00	6,750.85	6,852.10	6,730.68	18.32	17.67	-91.17	63.95	818.57	548.47	512.32	36.15	15.173	
7,000.00	6,821.76	6,945.68	6,801.38	18.29	17.65	-90.02	64.68	757.39	554.58	518.43	36.15	15.341	
7,100.00	6,880.90	7,040.22	6,862.93	18.28	17.65	-89.50	65.30	685.74	559.76	523.53	36.23	15.449	
7,200.00	6,926.81	7,135.88	6,913.72	18.34	17.72	-89.42	65.79	604.79	563.90	527.45	36.45	15.470	
7,300.00	6,958.36	7,232.77	6,952.22	18.50	17.87	-89.71	66.14	515.98	566.92	530.07	36.85	15.386	
7,400.00	6,974.77	7,331.01	6,977.06	18.78	18.12	-90.29	66.33	421.04	568.77	531.32	37.44	15.190	
7,500.00	6,976.30	7,430.70	6,987.05	19.17	18.47	-91.08	66.35	321.94	569.45	531.22	38.24	14.893	
7,600.00	6,973.90	7,530.92	6,985.23	19.72	18.93	-91.13	66.24	221.75	569.80	530.55	39.25	14.516	
7,700.00	6,971.49	7,630.92	6,982.70	20.41	19.52	-91.12	66.12	121.78	570.14	529.63	40.51	14.074	
7,800.00	6,969.09	7,730.92	6,980.17	21.20	20.24	-91.11	66.01	21.81	570.48	528.48	42.00	13.582	
7,900.00	6,966.68	7,830.92	6,977.64	22.09	21.06	-91.10	65.89	-78.15	570.82	527.12	43.70	13.061	
8,000.00	6,964.27	7,930.92	6,975.11	23.07	21.97	-91.08	65.77	-178.12	571.16	525.57	45.59	12.529	
8,100.00	6,961.87	8,030.92	6,972.58	24.13	22.97	-91.07	65.66	-278.09	571.50	523.86	47.64	11.997	
8,200.00	6,959.46	8,130.92	6,970.05	25.25	24.05	-91.06	65.54	-378.06	571.84	522.02	49.83	11.477	
8,300.00	6,957.05	8,230.92	6,967.52	26.42	25.19	-91.04	65.42	-478.02	572.18	520.04	52.14	10.974	
8,400.00	6,954.65	8,330.92	6,964.99	27.65	26.39	-91.03	65.30	-577.99	572.52	517.96	54.56	10.493	
8,500.00	6,952.24	8,430.92	6,962.46	28.92	27.64	-91.02	65.19	-677.96	572.86	515.78	57.08	10.036	
8,600.00	6,949.83	8,530.92	6,959.93	30.23	28.93	-91.01	65.07	-777.92	573.20	513.52	59.68	9.605	
8,700.00	6,947.43	8,630.92	6,957.40	31.57	30.26	-90.99	64.95	-877.89	573.54	511.19	62.35	9.199	
8,800.00	6,945.02	8,730.92	6,954.87	32.94	31.62	-90.98	64.83	-977.86	573.88	508.80	65.08	8.818	
8,900.00	6,942.62	8,830.92	6,952.35	34.34	33.01	-90.97	64.72	-1,077.83	574.22	506.35	67.87	8.461	
9,000.00	6,940.21	8,930.91	6,949.82	35.76	34.43	-90.95	64.60	-1,177.79	574.56	503.85	70.71	8.126	
9,100.00	6,937.80	9,030.91	6,947.29	37.21	35.87	-90.94	64.48	-1,277.76	574.90	501.31	73.59	7.812	
9,200.00	6,935.40	9,130.91	6,944.76	38.67	37.32	-90.93	64.37	-1,377.73	575.24	498.74	76.51	7.519	
9,300.00	6,932.99	9,230.91	6,942.23	40.14	38.80	-90.92	64.25	-1,477.70	575.58	496.12	79.46	7.244	
9,400.00	6,930.58	9,330.91	6,939.70	41.64	40.29	-90.90	64.13	-1,577.66	575.92	493.48	82.44	6.986	
9,500.00	6,928.18	9,430.91	6,937.17	43.14	41.79	-90.89	64.01	-1,677.63	576.26	490.81	85.45	6.744	
9,600.00	6,925.77	9,530.91	6,934.64	44.66	43.31	-90.88	63.90	-1,777.60	576.60	488.12	88.49	6.516	
9,700.00	6,923.37	9,630.91	6,932.11	46.18	44.83	-90.86	63.78	-1,877.56	576.95	485.40	91.54	6.303	
9,800.00	6,920.96	9,730.91	6,929.58	47.72	46.37	-90.85	63.66	-1,977.53	577.29	482.67	94.62	6.101	
9,900.00	6,918.55	9,830.91	6,927.05	49.27	47.92	-90.84	63.54	-2,077.50	577.63	479.92	97.71	5.912	
10,000.00	6,916.15	9,930.91	6,924.52	50.82	49.47	-90.83	63.43	-2,177.47	577.97	477.15	100.82	5.733	
10,100.00	6,913.74	10,030.91	6,921.99	52.38	51.03	-90.81	63.31	-2,277.43	578.31	474.36	103.94	5.564	
10,200.00	6,911.33	10,130.91	6,919.46	53.95	52.60	-90.80	63.19	-2,377.40	578.65	471.57	107.08	5.404	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,230.91	6,916.93	55.52	54.18	-90.79	63.08	-2,477.37	578.99	468.76	110.23	5.253	
10,400.00	6,906.52	10,330.91	6,914.41	57.10	55.76	-90.78	62.96	-2,577.34	579.33	465.94	113.39	5.109	
10,500.00	6,904.12	10,430.91	6,911.88	58.68	57.34	-90.76	62.84	-2,677.30	579.67	463.11	116.56	4.973	
10,600.00	6,901.71	10,530.90	6,909.35	60.27	58.93	-90.75	62.72	-2,777.27	580.01	460.27	119.74	4.844	
10,700.00	6,899.30	10,630.90	6,906.82	61.87	60.53	-90.74	62.61	-2,877.24	580.35	457.42	122.93	4.721	
10,800.00	6,896.90	10,730.90	6,904.29	63.46	62.13	-90.72	62.49	-2,977.20	580.69	454.56	126.13	4.604	
10,900.00	6,894.49	10,830.90	6,901.76	65.06	63.73	-90.71	62.37	-3,077.17	581.03	451.70	129.33	4.493	
11,000.00	6,892.08	10,930.90	6,899.23	66.67	65.34	-90.70	62.25	-3,177.14	581.37	448.83	132.55	4.386	
11,100.00	6,889.68	11,030.90	6,896.70	68.28	66.95	-90.69	62.14	-3,277.11	581.72	445.95	135.76	4.285	
11,200.00	6,887.27	11,130.90	6,894.17	69.89	68.56	-90.67	62.02	-3,377.07	582.06	443.07	138.99	4.188	
11,300.00	6,884.87	11,230.90	6,891.64	71.50	70.18	-90.66	61.90	-3,477.04	582.40	440.18	142.22	4.095	
11,400.00	6,882.46	11,330.90	6,889.11	73.12	71.79	-90.65	61.79	-3,577.01	582.74	437.29	145.45	4.006	
11,500.00	6,880.05	11,430.90	6,886.58	74.74	73.41	-90.64	61.67	-3,676.98	583.08	434.39	148.69	3.921	
11,600.00	6,877.65	11,530.90	6,884.05	76.36	75.04	-90.62	61.55	-3,776.94	583.42	431.48	151.94	3.840	
11,700.00	6,875.24	11,630.90	6,881.52	77.98	76.66	-90.61	61.43	-3,876.91	583.76	428.58	155.19	3.762	
11,800.00	6,872.83	11,730.90	6,878.99	79.61	78.29	-90.60	61.32	-3,976.88	584.10	425.66	158.44	3.687	
11,900.00	6,870.43	11,830.90	6,876.47	81.23	79.92	-90.59	61.20	-4,076.84	584.44	422.75	161.69	3.614	
12,000.00	6,868.02	11,930.90	6,873.94	82.86	81.55	-90.57	61.08	-4,176.81	584.79	419.83	164.95	3.545	
12,100.00	6,865.62	12,030.89	6,871.41	84.49	83.18	-90.56	60.96	-4,276.78	585.13	416.91	168.22	3.478	
12,200.00	6,863.21	12,130.89	6,868.88	86.13	84.81	-90.55	60.85	-4,376.75	585.47	413.98	171.48	3.414	
12,300.00	6,860.80	12,230.89	6,866.35	87.76	86.45	-90.54	60.73	-4,476.71	585.81	411.06	174.75	3.352	
12,400.00	6,858.40	12,330.89	6,863.82	89.40	88.08	-90.53	60.61	-4,576.68	586.15	408.13	178.02	3.293	
12,500.00	6,855.99	12,430.89	6,861.29	91.03	89.72	-90.51	60.50	-4,676.65	586.49	405.19	181.30	3.235	
12,600.00	6,853.58	12,530.89	6,858.76	92.67	91.36	-90.50	60.38	-4,776.62	586.83	402.26	184.58	3.179	
12,700.00	6,851.18	12,630.89	6,856.23	94.31	93.00	-90.49	60.26	-4,876.58	587.17	399.32	187.86	3.126	
12,800.00	6,848.77	12,730.89	6,853.70	95.95	94.64	-90.48	60.14	-4,976.55	587.52	396.38	191.14	3.074	
12,900.00	6,846.36	12,830.89	6,851.17	97.59	96.28	-90.46	60.03	-5,076.52	587.86	393.43	194.42	3.024	
13,000.00	6,843.96	12,930.89	6,848.64	99.23	97.93	-90.45	59.91	-5,176.48	588.20	390.49	197.71	2.975	
13,100.00	6,841.55	13,030.89	6,846.11	100.88	99.57	-90.44	59.79	-5,276.45	588.54	387.54	201.00	2.928	
13,200.00	6,839.15	13,130.89	6,843.58	102.52	101.22	-90.43	59.67	-5,376.42	588.88	384.60	204.29	2.883	
13,300.00	6,836.74	13,230.89	6,841.05	104.17	102.86	-90.41	59.56	-5,476.39	589.22	381.65	207.58	2.839	
13,400.00	6,834.33	13,330.89	6,838.52	105.81	104.51	-90.40	59.44	-5,576.35	589.56	378.69	210.87	2.796	
13,500.00	6,831.93	13,430.89	6,836.00	107.46	106.16	-90.39	59.32	-5,676.32	589.91	375.74	214.16	2.754	
13,600.00	6,829.52	13,530.88	6,833.47	109.11	107.81	-90.38	59.20	-5,776.29	590.25	372.79	217.46	2.714	
13,700.00	6,827.11	13,630.88	6,830.94	110.75	109.46	-90.37	59.09	-5,876.26	590.59	369.83	220.76	2.675	
13,800.00	6,824.71	13,730.88	6,828.41	112.40	111.11	-90.35	58.97	-5,976.22	590.93	366.87	224.06	2.637	
13,900.00	6,822.30	13,830.88	6,825.88	114.05	112.76	-90.34	58.85	-6,076.19	591.27	363.91	227.36	2.601	
14,000.00	6,819.90	13,930.88	6,823.35	115.70	114.41	-90.33	58.74	-6,176.16	591.61	360.95	230.66	2.565	
14,100.00	6,817.49	14,030.88	6,820.82	117.35	116.06	-90.32	58.62	-6,276.12	591.96	357.99	233.96	2.530	
14,200.00	6,815.08	14,130.88	6,818.29	119.01	117.71	-90.31	58.50	-6,376.09	592.30	355.03	237.27	2.496	
14,300.00	6,812.68	14,230.88	6,815.76	120.66	119.37	-90.29	58.38	-6,476.06	592.64	352.07	240.57	2.463	
14,400.00	6,810.27	14,330.88	6,813.23	122.31	121.02	-90.28	58.27	-6,576.03	592.98	349.10	243.88	2.431	
14,500.00	6,807.86	14,430.88	6,810.70	123.96	122.67	-90.27	58.15	-6,675.99	593.32	346.14	247.18	2.400	
14,600.00	6,805.46	14,530.88	6,808.17	125.62	124.33	-90.26	58.03	-6,775.96	593.67	343.17	250.49	2.370	
14,700.00	6,803.05	14,630.88	6,805.64	127.27	125.98	-90.25	57.91	-6,875.93	594.01	340.21	253.80	2.340	
14,800.00	6,800.65	14,730.88	6,803.11	128.93	127.64	-90.23	57.80	-6,975.90	594.35	337.24	257.11	2.312	
14,900.00	6,798.24	14,830.88	6,800.58	130.58	129.29	-90.22	57.68	-7,075.86	594.69	334.27	260.42	2.284	
15,000.00	6,795.83	14,930.88	6,798.06	132.24	130.95	-90.21	57.56	-7,175.83	595.03	331.30	263.73	2.256	
15,100.00	6,793.43	15,030.87	6,795.53	133.89	132.61	-90.20	57.45	-7,275.80	595.37	328.33	267.05	2.229	
15,200.00	6,791.02	15,130.87	6,793.00	135.55	134.26	-90.19	57.33	-7,375.76	595.72	325.36	270.36	2.203	
15,300.00	6,788.61	15,230.87	6,790.47	137.21	135.92	-90.17	57.21	-7,475.73	596.06	322.39	273.67	2.178	
15,383.95	6,786.59	15,314.83	6,788.34	138.60	137.31	-90.16	57.11	-7,559.66	596.35	319.89	276.45	2.157 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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	-89.48	0.36	-40.09	40.09				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.36	-40.09	40.09	32.56	7.53	5.325	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.36	-40.09	40.09	32.52	7.57	5.294	
300.00	300.00	301.33	301.31	3.35	3.35	-149.68	0.84	-38.36	38.77	31.11	7.66	5.062	
400.00	399.93	402.59	402.42	3.42	3.42	-150.12	2.28	-33.19	36.70	28.92	7.78	4.718	
500.00	499.68	503.77	503.20	3.51	3.51	-151.91	4.66	-24.59	34.27	26.34	7.93	4.320	
600.00	599.13	604.84	603.50	3.62	3.63	-155.40	8.00	-12.57	31.58	23.46	8.12	3.888	
700.00	698.15	705.64	703.03	3.76	3.79	-161.15	12.24	2.75	28.85	20.50	8.35	3.453	
754.74	752.14	760.34	756.93	3.86	3.89	-165.47	14.73	11.69	28.26	19.74	8.52	3.318 CC, ES	
800.00	796.63	805.55	801.49	3.94	3.98	-169.46	16.78	19.09	28.68	20.02	8.66	3.312	
900.00	894.70	905.42	899.91	4.15	4.19	-177.85	21.30	35.42	31.33	22.32	9.02	3.474	
1,000.00	992.76	1,005.28	998.32	4.40	4.43	175.19	25.83	51.75	34.59	25.17	9.43	3.670	
1,100.00	1,090.82	1,105.15	1,096.74	4.66	4.68	169.50	30.36	68.08	38.27	28.39	9.88	3.874	
1,200.00	1,188.88	1,205.02	1,195.16	4.95	4.95	164.85	34.89	84.41	42.26	31.89	10.37	4.074	
1,300.00	1,286.94	1,304.88	1,293.58	5.25	5.24	161.01	39.42	100.74	46.48	35.58	10.90	4.264	
1,400.00	1,385.00	1,404.75	1,392.00	5.56	5.53	157.83	43.95	117.07	50.87	39.42	11.46	4.440	
1,500.00	1,483.07	1,504.62	1,490.42	5.89	5.84	155.15	48.48	133.40	55.40	43.36	12.04	4.602	
1,600.00	1,581.13	1,604.48	1,588.84	6.23	6.15	152.89	53.01	149.73	60.02	47.38	12.64	4.748	
1,700.00	1,679.19	1,704.35	1,687.25	6.57	6.47	150.95	57.53	166.06	64.73	51.47	13.26	4.881	
1,800.00	1,777.25	1,804.22	1,785.67	6.92	6.79	149.28	62.06	182.39	69.50	55.61	13.89	5.004	
1,900.00	1,875.31	1,904.09	1,884.09	7.11	6.97	147.82	66.59	198.72	74.32	60.45	13.87	5.359	
2,000.00	1,973.37	2,003.95	1,982.51	7.16	7.01	146.54	71.12	215.05	79.19	65.23	13.95	5.675	
2,100.00	2,071.43	2,103.82	2,080.93	7.22	7.06	145.41	75.65	231.38	84.08	70.01	14.07	5.974	
2,200.00	2,169.50	2,203.69	2,179.35	7.30	7.13	144.40	80.18	247.71	89.01	74.79	14.23	6.257	
2,300.00	2,267.56	2,303.55	2,277.77	7.39	7.22	143.50	84.71	264.04	93.96	79.56	14.41	6.521	
2,400.00	2,365.62	2,403.42	2,376.19	7.50	7.32	142.69	89.24	280.37	98.94	84.32	14.62	6.767	
2,500.00	2,463.68	2,503.29	2,474.60	7.63	7.43	141.96	93.77	296.70	103.93	89.07	14.86	6.994	
2,600.00	2,561.74	2,603.15	2,573.02	7.77	7.56	141.29	98.29	313.03	108.94	93.81	15.13	7.202	
2,700.00	2,659.80	2,703.02	2,671.44	7.92	7.70	140.69	102.82	329.36	113.95	98.54	15.42	7.392	
2,800.00	2,757.86	2,802.89	2,769.86	8.08	7.85	140.13	107.35	345.70	118.99	103.25	15.73	7.563	
2,900.00	2,855.93	2,902.76	2,868.28	8.26	8.01	139.62	111.88	362.03	124.03	107.96	16.07	7.717	
3,000.00	2,953.99	3,002.62	2,966.70	8.45	8.18	139.15	116.41	378.36	129.08	112.65	16.43	7.856	
3,100.00	3,052.05	3,102.49	3,065.12	8.64	8.37	138.72	120.94	394.69	134.14	117.33	16.81	7.979	
3,200.00	3,150.11	3,202.36	3,163.53	8.85	8.56	138.31	125.47	411.02	139.20	121.99	17.21	8.088	
3,300.00	3,248.17	3,302.22	3,261.95	9.07	8.76	137.94	130.00	427.35	144.28	126.65	17.63	8.185	
3,400.00	3,346.23	3,402.09	3,360.37	9.29	8.97	137.59	134.52	443.68	149.35	131.29	18.06	8.270	
3,500.00	3,444.29	3,501.96	3,458.79	9.52	9.19	137.26	139.05	460.01	154.44	135.93	18.51	8.344	
3,600.00	3,542.36	3,601.82	3,557.21	9.76	9.41	136.96	143.58	476.34	159.53	140.55	18.97	8.409	
3,700.00	3,640.42	3,701.69	3,655.63	10.01	9.64	136.67	148.11	492.67	164.62	145.17	19.45	8.465	
3,800.00	3,738.48	3,801.56	3,754.05	10.26	9.87	136.40	152.64	509.00	169.71	149.78	19.93	8.514	
3,900.00	3,836.54	3,901.43	3,852.46	10.52	10.12	136.14	157.17	525.33	174.81	154.38	20.43	8.556	
4,000.00	3,934.60	4,001.29	3,950.88	10.78	10.36	135.91	161.70	541.66	179.92	158.97	20.94	8.591	
4,100.00	4,032.66	4,101.16	4,049.30	11.05	10.62	135.68	166.23	557.99	185.02	163.56	21.46	8.621	
4,200.00	4,130.73	4,201.03	4,147.72	11.32	10.87	135.47	170.75	574.32	190.13	168.14	21.99	8.647	
4,300.00	4,228.79	4,300.89	4,246.14	11.60	11.13	135.26	175.28	590.65	195.24	172.72	22.53	8.668	
4,400.00	4,326.85	4,400.76	4,344.56	11.88	11.40	135.07	179.81	606.98	200.35	177.28	23.07	8.685	
4,500.00	4,424.91	4,500.63	4,442.98	12.16	11.66	134.89	184.34	623.31	205.47	181.85	23.62	8.699	
4,600.00	4,522.97	4,600.49	4,541.39	12.45	11.94	134.71	188.87	639.64	210.59	186.41	24.18	8.710	
4,700.00	4,621.03	4,700.36	4,639.81	12.74	12.21	134.55	193.40	655.97	215.71	190.96	24.74	8.718	
4,800.00	4,719.09	4,800.23	4,738.23	13.04	12.49	134.39	197.93	672.30	220.83	195.51	25.31	8.724	
4,900.00	4,817.16	4,900.10	4,836.65	13.33	12.77	134.24	202.46	688.63	225.95	200.06	25.89	8.728	
5,000.00	4,915.22	4,999.96	4,935.07	13.63	13.05	134.09	206.99	704.96	231.07	204.60	26.47	8.730	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,013.28	5,100.17	5,033.49	13.94	13.34	133.96	211.51	721.30	236.20	209.14	27.06	8.730		
5,200.00	5,111.34	5,200.30	5,131.91	14.24	13.63	133.82	216.04	737.63	241.33	213.68	27.65	8.729		
5,300.00	5,209.40	5,300.44	5,230.32	14.55	13.92	133.70	220.57	753.96	246.45	218.21	28.24	8.726		
5,400.00	5,307.46	5,400.57	5,328.74	14.86	14.21	133.57	225.10	770.29	251.58	222.74	28.84	8.723		
5,500.00	5,405.52	5,500.70	5,427.16	15.17	14.51	133.46	229.63	786.62	256.71	227.27	29.44	8.719		
5,600.00	5,503.59	5,600.84	5,525.58	15.48	14.80	133.35	234.16	802.95	261.85	231.80	30.05	8.713		
5,700.00	5,601.65	5,700.97	5,624.00	15.79	15.10	133.24	238.69	819.28	266.98	236.32	30.66	8.708		
5,800.00	5,699.71	5,801.10	5,722.42	16.11	15.40	133.13	243.22	835.61	272.11	240.84	31.27	8.701		
5,900.00	5,797.77	5,901.24	5,820.84	16.43	15.70	133.04	247.74	851.94	277.25	245.36	31.89	8.694		
6,000.00	5,895.83	5,998.63	5,919.25	16.74	16.00	132.94	252.27	868.27	282.38	249.88	32.50	8.689		
6,100.00	5,993.89	6,101.50	6,017.67	17.06	16.31	132.85	256.80	884.60	287.52	254.39	33.13	8.679		
6,200.00	6,091.95	6,201.63	6,116.09	17.39	16.62	132.76	261.33	900.93	292.65	258.90	33.75	8.671		
6,300.00	6,190.02	6,298.23	6,214.51	17.71	16.91	132.67	265.86	917.26	297.79	263.42	34.36	8.666		
6,400.00	6,288.39	6,401.95	6,312.88	17.99	17.23	130.81	270.39	933.58	302.45	267.48	34.98	8.647		
6,500.00	6,387.80	6,496.62	6,410.02	18.17	17.52	-135.42	274.86	949.70	304.59	269.00	35.59	8.558		
6,600.00	6,486.12	6,589.62	6,501.95	18.29	17.77	-109.22	279.07	962.95	306.34	270.16	36.18	8.468		
6,700.00	6,580.94	6,683.10	6,595.24	18.34	17.92	-105.32	283.26	964.06	310.84	274.26	36.58	8.498		
6,800.00	6,669.91	6,781.15	6,692.16	18.34	18.02	-106.36	287.52	950.53	318.36	281.55	36.81	8.649		
6,900.00	6,750.85	6,884.61	6,790.90	18.32	18.06	-108.96	291.74	920.31	328.61	291.77	36.84	8.920		
7,000.00	6,821.76	6,994.35	6,888.82	18.29	18.06	-112.05	295.79	871.24	340.92	304.24	36.68	9.296		
7,100.00	6,880.90	7,111.15	6,982.16	18.28	18.03	-115.13	299.48	801.38	354.34	317.95	36.38	9.739		
7,200.00	6,926.81	7,235.59	7,065.80	18.34	18.03	-117.95	302.59	709.57	367.69	331.56	36.13	10.178		
7,300.00	6,958.36	7,367.72	7,133.31	18.50	18.14	-120.32	304.83	596.28	379.69	343.55	36.14	10.505		
7,400.00	6,974.77	7,506.82	7,177.59	18.78	18.43	-122.11	305.90	464.72	389.09	352.43	36.66	10.613		
7,500.00	6,976.30	7,651.18	7,192.29	19.17	18.93	-123.18	305.56	321.42	394.52	356.73	37.79	10.439		
7,600.00	6,973.90	7,755.35	7,189.11	19.72	19.46	-123.01	304.69	217.31	395.04	356.09	38.95	10.141		
7,700.00	6,971.49	7,855.34	7,185.93	20.41	20.08	-122.84	303.84	117.37	395.51	355.26	40.25	9.826		
7,800.00	6,969.09	7,955.33	7,182.75	21.20	20.82	-122.66	303.00	17.43	395.99	354.26	41.73	9.489		
7,900.00	6,966.68	8,055.32	7,179.58	22.09	21.66	-122.48	302.16	-82.50	396.47	353.10	43.37	9.141		
8,000.00	6,964.27	8,155.31	7,176.40	23.07	22.59	-122.30	301.32	-182.44	396.96	351.80	45.16	8.791		
8,100.00	6,961.87	8,255.30	7,173.22	24.13	23.61	-122.13	300.48	-282.38	397.45	350.38	47.07	8.443		
8,200.00	6,959.46	8,355.29	7,170.04	25.25	24.69	-121.95	299.64	-382.32	397.94	348.84	49.10	8.104		
8,300.00	6,957.05	8,455.29	7,166.86	26.42	25.84	-121.78	298.80	-482.25	398.44	347.20	51.24	7.776		
8,400.00	6,954.65	8,555.28	7,163.68	27.65	27.04	-121.60	297.96	-582.19	398.94	345.48	53.47	7.462		
8,500.00	6,952.24	8,655.27	7,160.50	28.92	28.29	-121.43	297.12	-682.13	399.45	343.67	55.77	7.162		
8,600.00	6,949.83	8,755.26	7,157.32	30.23	29.58	-121.25	296.28	-782.06	399.95	341.80	58.16	6.877		
8,700.00	6,947.43	8,855.25	7,154.14	31.57	30.90	-121.08	295.44	-882.00	400.47	339.86	60.60	6.608		
8,800.00	6,945.02	8,955.24	7,150.96	32.94	32.26	-120.91	294.59	-981.94	400.98	337.87	63.11	6.354		
8,900.00	6,942.62	9,055.23	7,147.78	34.34	33.65	-120.73	293.75	-1,081.88	401.50	335.83	65.67	6.114		
9,000.00	6,940.21	9,155.22	7,144.60	35.76	35.06	-120.56	292.91	-1,181.81	402.02	333.75	68.28	5.888		
9,100.00	6,937.80	9,255.22	7,141.42	37.21	36.49	-120.39	292.07	-1,281.75	402.55	331.62	70.93	5.676		
9,200.00	6,935.40	9,355.21	7,138.25	38.67	37.95	-120.22	291.23	-1,381.69	403.08	329.47	73.61	5.476		
9,300.00	6,932.99	9,455.20	7,135.07	40.14	39.42	-120.05	290.39	-1,481.63	403.61	327.28	76.34	5.287		
9,400.00	6,930.58	9,555.19	7,131.89	41.64	40.90	-119.87	289.55	-1,581.56	404.15	325.06	79.10	5.110		
9,500.00	6,928.18	9,655.18	7,128.71	43.14	42.40	-119.70	288.71	-1,681.50	404.69	322.81	81.88	4.942		
9,600.00	6,925.77	9,755.17	7,125.53	44.66	43.91	-119.54	287.87	-1,781.44	405.24	320.54	84.70	4.785		
9,700.00	6,923.37	9,855.16	7,122.35	46.18	45.43	-119.37	287.03	-1,881.37	405.79	318.25	87.54	4.636		
9,800.00	6,920.96	9,955.16	7,119.17	47.72	46.97	-119.20	286.18	-1,981.31	406.34	315.94	90.40	4.495		
9,900.00	6,918.55	10,055.15	7,115.99	49.27	48.51	-119.03	285.34	-2,081.25	406.89	313.60	93.29	4.362		
10,000.00	6,916.15	10,155.14	7,112.81	50.82	50.06	-118.86	284.50	-2,181.19	407.45	311.26	96.19	4.236		
10,100.00	6,913.74	10,255.13	7,109.63	52.38	51.62	-118.69	283.66	-2,281.12	408.01	308.89	99.12	4.116		
10,200.00	6,911.33	10,355.12	7,106.45	53.95	53.18	-118.53	282.82	-2,381.06	408.58	306.52	102.06	4.003		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,455.11	7,103.27	55.52	54.75	-118.36	281.98	-2,481.00	409.15	304.12	105.02	3.896	
10,400.00	6,906.52	10,555.10	7,100.10	57.10	56.33	-118.19	281.14	-2,580.94	409.72	301.72	108.00	3.794	
10,500.00	6,904.12	10,655.09	7,096.92	58.68	57.91	-118.03	280.30	-2,680.87	410.30	299.31	110.99	3.697	
10,600.00	6,901.71	10,755.09	7,093.74	60.27	59.50	-117.86	279.46	-2,780.81	410.87	296.88	114.00	3.604	
10,700.00	6,899.30	10,855.08	7,090.56	61.87	61.09	-117.70	278.62	-2,880.75	411.46	294.44	117.01	3.516	
10,800.00	6,896.90	10,955.07	7,087.38	63.46	62.68	-117.53	277.78	-2,980.68	412.04	292.00	120.05	3.432	
10,900.00	6,894.49	11,055.06	7,084.20	65.06	64.28	-117.37	276.93	-3,080.62	412.63	289.54	123.09	3.352	
11,000.00	6,892.08	11,155.05	7,081.02	66.67	65.89	-117.21	276.09	-3,180.56	413.23	287.08	126.15	3.276	
11,100.00	6,889.68	11,255.04	7,077.84	68.28	67.49	-117.05	275.25	-3,280.50	413.82	284.61	129.21	3.203	
11,200.00	6,887.27	11,355.03	7,074.66	69.89	69.10	-116.88	274.41	-3,380.43	414.42	282.13	132.29	3.133	
11,300.00	6,884.87	11,455.03	7,071.48	71.50	70.71	-116.72	273.57	-3,480.37	415.02	279.65	135.38	3.066	
11,400.00	6,882.46	11,555.02	7,068.30	73.12	72.33	-116.56	272.73	-3,580.31	415.63	277.15	138.48	3.001	
11,500.00	6,880.05	11,655.01	7,065.12	74.74	73.94	-116.40	271.89	-3,680.24	416.24	274.66	141.58	2.940	
11,600.00	6,877.65	11,755.00	7,061.94	76.36	75.56	-116.24	271.05	-3,780.18	416.85	272.15	144.70	2.881	
11,700.00	6,875.24	11,854.99	7,058.77	77.98	77.19	-116.08	270.21	-3,880.12	417.47	269.64	147.82	2.824	
11,800.00	6,872.83	11,954.98	7,055.59	79.61	78.81	-115.92	269.37	-3,980.06	418.09	267.13	150.96	2.770	
11,900.00	6,870.43	12,054.97	7,052.41	81.23	80.43	-115.76	268.52	-4,079.99	418.71	264.61	154.10	2.717	
12,000.00	6,868.02	12,154.96	7,049.23	82.86	82.06	-115.60	267.68	-4,179.93	419.33	262.09	157.25	2.667	
12,100.00	6,865.62	12,254.96	7,046.05	84.49	83.69	-115.44	266.84	-4,279.87	419.96	259.56	160.41	2.618	
12,200.00	6,863.21	12,354.95	7,042.87	86.13	85.32	-115.29	266.00	-4,379.81	420.60	257.03	163.57	2.571	
12,300.00	6,860.80	12,454.94	7,039.69	87.76	86.95	-115.13	265.16	-4,479.74	421.23	254.49	166.74	2.526	
12,400.00	6,858.40	12,554.93	7,036.51	89.40	88.59	-114.97	264.32	-4,579.68	421.87	251.95	169.92	2.483	
12,500.00	6,855.99	12,654.92	7,033.33	91.03	90.22	-114.82	263.48	-4,679.62	422.51	249.41	173.10	2.441	
12,600.00	6,853.58	12,754.91	7,030.15	92.67	91.86	-114.66	262.64	-4,779.55	423.16	246.86	176.30	2.400	
12,700.00	6,851.18	12,854.90	7,026.97	94.31	93.50	-114.51	261.80	-4,879.49	423.80	244.31	179.49	2.361	
12,800.00	6,848.77	12,954.90	7,023.79	95.95	95.14	-114.35	260.96	-4,979.43	424.45	241.76	182.70	2.323	
12,900.00	6,846.36	13,054.89	7,020.61	97.59	96.78	-114.20	260.12	-5,079.37	425.11	239.20	185.91	2.287	
13,000.00	6,843.96	13,154.88	7,017.44	99.23	98.42	-114.04	259.27	-5,179.30	425.76	236.64	189.12	2.251	
13,100.00	6,841.55	13,254.87	7,014.26	100.88	100.06	-113.89	258.43	-5,279.24	426.42	234.08	192.35	2.217	
13,200.00	6,839.15	13,354.86	7,011.08	102.52	101.70	-113.74	257.59	-5,379.18	427.09	231.52	195.57	2.184	
13,300.00	6,836.74	13,454.85	7,007.90	104.17	103.35	-113.58	256.75	-5,479.11	427.75	228.95	198.80	2.152	
13,400.00	6,834.33	13,554.84	7,004.72	105.81	104.99	-113.43	255.91	-5,579.05	428.42	226.38	202.04	2.120	
13,500.00	6,831.93	13,654.83	7,001.54	107.46	106.64	-113.28	255.07	-5,678.99	429.09	223.81	205.28	2.090	
13,600.00	6,829.52	13,754.83	6,998.36	109.11	108.28	-113.13	254.23	-5,778.93	429.77	221.24	208.53	2.061	
13,700.00	6,827.11	13,854.82	6,995.18	110.75	109.93	-112.98	253.39	-5,878.86	430.45	218.66	211.78	2.032	
13,800.00	6,824.71	13,954.81	6,992.00	112.40	111.58	-112.83	252.55	-5,978.80	431.13	216.09	215.04	2.005	
13,900.00	6,822.30	14,054.80	6,988.82	114.05	113.22	-112.68	251.71	-6,078.74	431.81	213.51	218.30	1.978	
14,000.00	6,819.90	14,154.79	6,985.64	115.70	114.87	-112.53	250.87	-6,178.68	432.50	210.93	221.57	1.952	
14,100.00	6,817.49	14,254.78	6,982.46	117.35	116.52	-112.38	250.02	-6,278.61	433.19	208.35	224.84	1.927	
14,200.00	6,815.08	14,354.77	6,979.29	119.01	118.17	-112.23	249.18	-6,378.55	433.88	205.77	228.12	1.902	
14,300.00	6,812.68	14,454.77	6,976.11	120.66	119.82	-112.09	248.34	-6,478.49	434.58	203.18	231.39	1.878	
14,400.00	6,810.27	14,554.76	6,972.93	122.31	121.48	-111.94	247.50	-6,578.42	435.28	200.60	234.68	1.855	
14,500.00	6,807.86	14,654.75	6,969.75	123.96	123.13	-111.79	246.66	-6,678.36	435.98	198.01	237.96	1.832	
14,600.00	6,805.46	14,754.74	6,966.57	125.62	124.78	-111.65	245.82	-6,778.30	436.68	195.43	241.26	1.810	
14,700.00	6,803.05	14,854.73	6,963.39	127.27	126.43	-111.50	244.98	-6,878.24	437.39	192.84	244.55	1.789	
14,800.00	6,800.65	14,954.72	6,960.21	128.93	128.09	-111.36	244.14	-6,978.17	438.10	190.25	247.85	1.768	
14,900.00	6,798.24	15,054.71	6,957.03	130.58	129.74	-111.21	243.30	-7,078.11	438.81	187.66	251.15	1.747	
15,000.00	6,795.83	15,154.70	6,953.85	132.24	131.39	-111.07	242.46	-7,178.05	439.53	185.07	254.46	1.727	
15,100.00	6,793.43	15,254.70	6,950.67	133.89	133.05	-110.92	241.61	-7,277.99	440.24	182.48	257.76	1.708	
15,200.00	6,791.02	15,354.69	6,947.49	135.55	134.70	-110.78	240.77	-7,377.92	440.97	179.89	261.08	1.689	
15,300.00	6,788.61	15,454.68	6,944.31	137.21	136.36	-110.64	239.93	-7,477.86	441.69	177.30	264.39	1.671	
15,383.95	6,786.59	15,533.10	6,941.82	138.60	137.66	-110.53	239.27	-7,556.24	442.33	175.37	266.96	1.657 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.61	1.09	-160.09	160.09				
100.00	100.00	100.00	100.00	3.28	3.28	-89.61	1.09	-160.09	160.09	152.56	7.53	21.263	
200.00	200.00	200.00	200.00	3.31	3.31	-89.61	1.09	-160.09	160.09	152.52	7.57	21.137	
300.00	300.00	302.46	302.46	3.35	3.35	-150.38	0.83	-159.68	160.08	152.42	7.66	20.895	
354.07	354.05	359.16	359.13	3.38	3.38	-150.96	-0.05	-158.35	160.08	152.35	7.72	20.729 CC	
400.00	399.93	407.27	407.19	3.42	3.41	-151.78	-1.27	-156.47	160.09	152.31	7.78	20.576 ES	
500.00	499.68	511.74	511.38	3.51	3.50	-154.54	-5.45	-150.09	160.38	152.43	7.94	20.193	
600.00	599.13	615.66	614.67	3.62	3.62	-158.62	-11.67	-140.58	161.47	153.32	8.15	19.809	
700.00	698.15	718.82	716.73	3.76	3.77	-163.87	-19.86	-128.06	164.14	155.72	8.42	19.502	
800.00	796.63	820.92	817.15	3.94	3.97	-170.04	-29.95	-112.64	169.28	160.53	8.75	19.347	
900.00	894.70	918.84	913.15	4.15	4.20	-176.09	-40.52	-96.49	177.52	168.36	9.16	19.380	
1,000.00	992.76	1,016.76	1,009.14	4.40	4.45	178.44	-51.09	-80.34	187.64	178.03	9.62	19.512	
1,100.00	1,090.82	1,114.67	1,105.14	4.66	4.73	173.55	-61.66	-64.18	199.33	189.21	10.12	19.701	
1,200.00	1,188.88	1,212.59	1,201.13	4.95	5.02	169.22	-72.23	-48.03	212.32	201.66	10.66	19.926	
1,300.00	1,286.94	1,310.50	1,297.12	5.25	5.34	165.39	-82.80	-31.88	226.39	215.16	11.23	20.168	
1,400.00	1,385.00	1,408.42	1,393.12	5.56	5.66	162.02	-93.37	-15.73	241.35	229.53	11.82	20.417	
1,500.00	1,483.07	1,506.33	1,489.11	5.89	6.00	159.04	-103.94	0.43	257.05	244.61	12.44	20.663	
1,600.00	1,581.13	1,604.25	1,585.10	6.23	6.35	156.40	-114.51	16.58	273.35	260.28	13.08	20.902	
1,700.00	1,679.19	1,702.16	1,681.09	6.57	6.70	154.07	-125.08	32.73	290.17	276.44	13.73	21.131	
1,800.00	1,777.25	1,800.08	1,777.09	6.92	7.06	151.98	-135.65	48.88	307.40	293.00	14.40	21.348	
1,900.00	1,875.31	1,902.01	1,873.08	7.11	7.27	150.12	-146.22	65.03	325.00	310.59	14.40	22.566	
2,000.00	1,973.37	2,004.10	1,969.07	7.16	7.31	148.45	-156.79	81.19	342.89	328.40	14.49	23.661	
2,100.00	2,071.43	2,106.18	2,065.07	7.22	7.38	146.95	-167.36	97.34	361.04	346.42	14.61	24.704	
2,200.00	2,169.50	2,208.27	2,161.06	7.30	7.47	145.59	-177.93	113.49	379.41	364.64	14.77	25.686	
2,300.00	2,267.56	2,289.65	2,257.05	7.39	7.55	144.35	-188.50	129.64	397.97	383.03	14.94	26.642	
2,400.00	2,365.62	2,387.56	2,353.05	7.50	7.66	143.23	-199.07	145.80	416.69	401.54	15.15	27.506	
2,500.00	2,463.68	2,485.48	2,449.04	7.63	7.78	142.20	-209.64	161.95	435.56	420.17	15.39	28.303	
2,600.00	2,561.74	2,583.39	2,545.03	7.77	7.92	141.25	-220.21	178.10	454.55	438.89	15.66	29.032	
2,700.00	2,659.80	2,681.31	2,641.03	7.92	8.08	140.38	-230.78	194.25	473.65	457.70	15.95	29.695	
2,800.00	2,757.86	2,779.22	2,737.02	8.08	8.24	139.58	-241.35	210.41	492.84	476.58	16.27	30.294	
2,900.00	2,855.93	2,877.14	2,833.01	8.26	8.42	138.84	-251.92	226.56	512.13	495.52	16.61	30.833	
3,000.00	2,953.99	2,975.05	2,929.00	8.45	8.61	138.15	-262.49	242.71	531.49	514.52	16.97	31.314	
3,100.00	3,052.05	3,072.97	3,025.00	8.64	8.81	137.52	-273.06	258.86	550.92	533.56	17.36	31.741	
3,200.00	3,150.11	3,170.88	3,120.99	8.85	9.03	136.92	-283.63	275.01	570.41	552.65	17.76	32.119	
3,300.00	3,248.17	3,268.80	3,216.98	9.07	9.25	136.36	-294.20	291.17	589.96	571.78	18.18	32.452	
3,400.00	3,346.23	3,366.71	3,312.98	9.29	9.47	135.84	-304.77	307.32	609.55	590.94	18.62	32.744	
3,500.00	3,444.29	3,464.63	3,408.97	9.52	9.71	135.35	-315.34	323.47	629.20	610.13	19.07	32.997	
3,600.00	3,542.36	3,562.54	3,504.96	9.76	9.95	134.89	-325.91	339.62	648.88	629.35	19.53	33.217	
3,700.00	3,640.42	3,660.45	3,600.96	10.01	10.20	134.46	-336.48	355.78	668.60	648.59	20.01	33.407	
3,800.00	3,738.48	3,758.37	3,696.95	10.26	10.46	134.06	-347.05	371.93	688.36	667.85	20.51	33.569	
3,900.00	3,836.54	3,856.28	3,792.94	10.52	10.72	133.67	-357.62	388.08	708.15	687.14	21.01	33.707	
4,000.00	3,934.60	3,954.20	3,888.94	10.78	10.99	133.31	-368.19	404.23	727.96	706.44	21.52	33.823	
4,100.00	4,032.66	4,052.11	3,984.93	11.05	11.27	132.96	-378.76	420.38	747.81	725.76	22.05	33.920	
4,200.00	4,130.73	4,150.03	4,080.92	11.32	11.55	132.64	-389.33	436.54	767.68	745.10	22.58	34.000	
4,300.00	4,228.79	4,247.94	4,176.91	11.60	11.83	132.33	-399.90	452.69	787.57	764.45	23.12	34.064	
4,400.00	4,326.85	4,345.86	4,272.91	11.88	12.11	132.03	-410.47	468.84	807.48	783.81	23.67	34.116	
4,500.00	4,424.91	4,443.77	4,368.90	12.16	12.41	131.75	-421.04	484.99	827.41	803.19	24.23	34.155	
4,600.00	4,522.97	4,541.69	4,464.89	12.45	12.70	131.48	-431.61	501.15	847.36	822.57	24.79	34.184	
4,700.00	4,621.03	4,639.60	4,560.89	12.74	13.00	131.23	-442.18	517.30	867.33	841.97	25.36	34.203	
4,800.00	4,719.09	4,737.52	4,656.88	13.04	13.30	130.98	-452.75	533.45	887.31	861.38	25.93	34.215	
4,900.00	4,817.16	4,835.43	4,752.87	13.33	13.60	130.75	-463.32	549.60	907.31	880.79	26.51	34.219	
5,000.00	4,915.22	4,933.35	4,848.87	13.63	13.91	130.53	-473.89	565.75	927.32	900.22	27.10	34.217	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,013.28	5,031.26	4,944.86	13.94	14.22	130.31	-484.46	581.91	947.35	919.65	27.69	34.210		
5,200.00	5,111.34	5,129.17	5,040.85	14.24	14.53	130.11	-495.03	598.06	967.38	939.09	28.29	34.198		
5,300.00	5,209.40	5,227.09	5,136.84	14.55	14.84	129.91	-505.60	614.21	987.43	958.54	28.89	34.181		
5,400.00	5,307.46	5,325.00	5,232.84	14.86	15.16	129.72	-516.17	630.36	1,007.49	978.00	29.49	34.161		
5,500.00	5,405.52	5,422.92	5,328.83	15.17	15.47	129.54	-526.74	646.52	1,027.56	997.46	30.10	34.138		
5,600.00	5,503.59	5,520.83	5,424.82	15.48	15.79	129.37	-537.31	662.67	1,047.64	1,016.92	30.71	34.112		
5,700.00	5,601.65	5,618.75	5,520.82	15.79	16.11	129.20	-547.88	678.82	1,067.72	1,036.40	31.33	34.084		
5,800.00	5,699.71	5,716.66	5,616.81	16.11	16.44	129.04	-558.45	694.97	1,087.82	1,055.88	31.94	34.054		
5,900.00	5,797.77	5,814.58	5,712.80	16.43	16.76	128.88	-569.02	711.12	1,107.92	1,075.36	32.56	34.022		
6,000.00	5,895.83	5,912.49	5,808.80	16.74	17.08	128.73	-579.59	727.28	1,128.03	1,094.85	33.19	33.989		
6,100.00	5,993.89	6,010.41	5,904.79	17.06	17.41	128.59	-590.16	743.43	1,148.15	1,114.34	33.81	33.954		
6,200.00	6,091.95	6,108.32	6,000.78	17.39	17.74	128.45	-600.73	759.58	1,168.28	1,133.83	34.44	33.919		
6,300.00	6,190.02	6,206.24	6,096.78	17.71	18.07	128.31	-611.30	775.73	1,188.41	1,153.34	35.07	33.882		
6,400.00	6,288.39	6,304.09	6,192.71	17.99	18.40	147.46	-621.86	791.88	1,208.23	1,172.57	35.66	33.882		
6,500.00	6,387.80	6,400.64	6,287.37	18.17	18.73	-135.22	-632.28	807.80	1,226.05	1,189.91	36.14	33.926		
6,600.00	6,486.12	6,506.45	6,378.45	18.29	19.09	-104.16	-642.31	823.13	1,241.88	1,205.31	36.57	33.956		
6,700.00	6,580.94	6,580.53	6,463.72	18.34	19.34	-95.82	-651.70	837.48	1,256.46	1,219.62	36.83	34.114		
6,800.00	6,669.91	6,659.44	6,541.08	18.34	19.61	-92.77	-660.22	850.49	1,270.90	1,233.86	37.04	34.310		
6,900.00	6,750.85	6,728.25	6,608.68	18.32	19.80	-91.43	-667.67	860.87	1,286.52	1,249.38	37.14	34.639		
7,000.00	6,821.76	6,797.80	6,677.67	18.29	19.94	-90.88	-675.33	864.71	1,304.15	1,266.96	37.19	35.067		
7,100.00	6,880.90	6,873.68	6,752.91	18.28	20.04	-90.86	-683.74	860.25	1,323.84	1,286.60	37.25	35.542		
7,200.00	6,926.81	6,959.87	6,837.02	18.34	20.12	-91.33	-693.22	844.31	1,345.48	1,308.15	37.34	36.035		
7,300.00	6,958.36	7,064.11	6,934.69	18.50	20.16	-92.43	-704.34	810.00	1,368.69	1,331.23	37.46	36.536		
7,400.00	6,974.77	7,203.15	7,053.85	18.78	20.15	-94.58	-718.12	740.24	1,392.55	1,354.93	37.62	37.019		
7,500.00	6,976.30	7,500.00	7,183.01	19.17	19.99	-98.30	-733.45	610.89	1,414.62	1,376.74	37.88	37.346		
7,600.00	6,973.90	7,785.35	7,310.20	19.72	20.07	-103.61	-750.32	241.01	1,426.60	1,387.06	39.54	36.080		
7,700.00	6,971.49	7,910.41	7,307.07	20.41	20.37	-103.60	-750.89	116.00	1,427.07	1,386.29	40.78	34.997		
7,800.00	6,969.09	8,010.41	7,303.90	21.20	20.83	-103.56	-751.27	16.06	1,427.48	1,385.37	42.10	33.903		
7,900.00	6,966.68	8,110.40	7,300.72	22.09	21.46	-103.53	-751.65	-83.89	1,427.89	1,384.24	43.64	32.718		
8,000.00	6,964.27	8,210.40	7,297.55	23.07	22.24	-103.49	-752.03	-183.83	1,428.29	1,382.93	45.37	31.483		
8,100.00	6,961.87	8,310.39	7,294.38	24.13	23.13	-103.46	-752.40	-283.77	1,428.70	1,381.44	47.26	30.229		
8,200.00	6,959.46	8,410.39	7,291.21	25.25	24.11	-103.42	-752.78	-383.72	1,429.11	1,379.81	49.31	28.985		
8,300.00	6,957.05	8,510.38	7,288.03	26.42	25.17	-103.39	-753.16	-483.66	1,429.52	1,378.04	51.48	27.769		
8,400.00	6,954.65	8,610.38	7,284.86	27.65	26.29	-103.35	-753.54	-583.61	1,429.93	1,376.16	53.77	26.594		
8,500.00	6,952.24	8,710.37	7,281.69	28.92	27.47	-103.31	-753.92	-683.55	1,430.34	1,374.18	56.16	25.469		
8,600.00	6,949.83	8,810.37	7,278.52	30.23	28.70	-103.28	-754.30	-783.50	1,430.76	1,372.11	58.64	24.399		
8,700.00	6,947.43	8,910.36	7,275.34	31.57	29.97	-103.24	-754.68	-883.44	1,431.17	1,369.97	61.20	23.385		
8,800.00	6,945.02	9,010.36	7,272.17	32.94	31.28	-103.21	-755.06	-983.38	1,431.58	1,367.75	63.83	22.430		
8,900.00	6,942.62	9,110.35	7,269.00	34.34	32.62	-103.17	-755.44	-1,083.33	1,431.99	1,365.48	66.51	21.530		
9,000.00	6,940.21	9,210.35	7,265.83	35.76	33.99	-103.14	-755.81	-1,183.27	1,432.41	1,363.15	69.25	20.684		
9,100.00	6,937.80	9,310.34	7,262.65	37.21	35.39	-103.10	-756.19	-1,283.22	1,432.82	1,360.78	72.04	19.889		
9,200.00	6,935.40	9,410.34	7,259.48	38.67	36.81	-103.07	-756.57	-1,383.16	1,433.24	1,358.36	74.87	19.143		
9,300.00	6,932.99	9,510.34	7,256.31	40.14	38.25	-103.03	-756.95	-1,483.10	1,433.65	1,355.91	77.74	18.442		
9,400.00	6,930.58	9,610.33	7,253.14	41.64	39.70	-103.00	-757.33	-1,583.05	1,434.07	1,353.43	80.64	17.784		
9,500.00	6,928.18	9,710.33	7,249.96	43.14	41.18	-102.96	-757.71	-1,682.99	1,434.48	1,350.91	83.57	17.165		
9,600.00	6,925.77	9,810.32	7,246.79	44.66	42.66	-102.93	-758.09	-1,782.94	1,434.90	1,348.37	86.53	16.583		
9,700.00	6,923.37	9,910.32	7,243.62	46.18	44.16	-102.89	-758.47	-1,882.88	1,435.32	1,345.81	89.51	16.035		
9,800.00	6,920.96	10,010.31	7,240.45	47.72	45.67	-102.86	-758.85	-1,982.83	1,435.74	1,343.22	92.52	15.519		
9,900.00	6,918.55	10,110.31	7,237.27	49.27	47.20	-102.82	-759.23	-2,082.77	1,436.15	1,340.61	95.54	15.032		
10,000.00	6,916.15	10,210.30	7,234.10	50.82	48.73	-102.78	-759.60	-2,182.71	1,436.57	1,337.99	98.58	14.572		
10,100.00	6,913.74	10,310.30	7,230.93	52.38	50.27	-102.75	-759.98	-2,282.66	1,436.99	1,335.35	101.64	14.137		
10,200.00	6,911.33	10,410.29	7,227.76	53.95	51.82	-102.71	-760.36	-2,382.60	1,437.41	1,332.69	104.72	13.726		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,510.29	7,224.58	55.52	53.37	-102.68	-760.74	-2,482.55	1,437.83	1,330.03	107.81	13.337	
10,400.00	6,906.52	10,610.28	7,221.41	57.10	54.94	-102.64	-761.12	-2,582.49	1,438.26	1,327.35	110.91	12.968	
10,500.00	6,904.12	10,710.28	7,218.24	58.68	56.51	-102.61	-761.50	-2,682.44	1,438.68	1,324.65	114.02	12.617	
10,600.00	6,901.71	10,810.27	7,215.07	60.27	58.08	-102.57	-761.88	-2,782.38	1,439.10	1,321.95	117.15	12.285	
10,700.00	6,899.30	10,910.27	7,211.89	61.87	59.66	-102.54	-762.26	-2,882.32	1,439.52	1,319.24	120.28	11.968	
10,800.00	6,896.90	11,010.26	7,208.72	63.46	61.24	-102.50	-762.64	-2,982.27	1,439.95	1,316.52	123.43	11.666	
10,900.00	6,894.49	11,110.26	7,205.55	65.06	62.83	-102.47	-763.01	-3,082.21	1,440.37	1,313.79	126.58	11.379	
11,000.00	6,892.08	11,210.25	7,202.38	66.67	64.43	-102.43	-763.39	-3,182.16	1,440.79	1,311.06	129.74	11.105	
11,100.00	6,889.68	11,310.25	7,199.20	68.28	66.02	-102.40	-763.77	-3,282.10	1,441.22	1,308.31	132.91	10.844	
11,200.00	6,887.27	11,410.24	7,196.03	69.89	67.62	-102.36	-764.15	-3,382.04	1,441.64	1,305.56	136.08	10.594	
11,300.00	6,884.87	11,510.24	7,192.86	71.50	69.23	-102.33	-764.53	-3,481.99	1,442.07	1,302.81	139.26	10.355	
11,400.00	6,882.46	11,610.24	7,189.69	73.12	70.83	-102.29	-764.91	-3,581.93	1,442.50	1,300.05	142.45	10.126	
11,500.00	6,880.05	11,710.23	7,186.51	74.74	72.44	-102.26	-765.29	-3,681.88	1,442.92	1,297.28	145.65	9.907	
11,600.00	6,877.65	11,810.23	7,183.34	76.36	74.06	-102.23	-765.67	-3,781.82	1,443.35	1,294.51	148.85	9.697	
11,700.00	6,875.24	11,910.22	7,180.17	77.98	75.67	-102.19	-766.05	-3,881.77	1,443.78	1,291.73	152.05	9.495	
11,800.00	6,872.83	12,010.22	7,176.99	79.61	77.29	-102.16	-766.42	-3,981.71	1,444.21	1,288.95	155.26	9.302	
11,900.00	6,870.43	12,110.21	7,173.82	81.23	78.91	-102.12	-766.80	-4,081.65	1,444.64	1,286.17	158.47	9.116	
12,000.00	6,868.02	12,210.21	7,170.65	82.86	80.53	-102.09	-767.18	-4,181.60	1,445.07	1,283.38	161.69	8.937	
12,100.00	6,865.62	12,310.20	7,167.48	84.49	82.15	-102.05	-767.56	-4,281.54	1,445.50	1,280.58	164.91	8.765	
12,200.00	6,863.21	12,410.20	7,164.30	86.13	83.78	-102.02	-767.94	-4,381.49	1,445.93	1,277.79	168.14	8.600	
12,300.00	6,860.80	12,510.19	7,161.13	87.76	85.40	-101.98	-768.32	-4,481.43	1,446.36	1,274.99	171.37	8.440	
12,400.00	6,858.40	12,610.19	7,157.96	89.40	87.03	-101.95	-768.70	-4,581.37	1,446.79	1,272.19	174.60	8.286	
12,500.00	6,855.99	12,710.18	7,154.79	91.03	88.66	-101.91	-769.08	-4,681.32	1,447.23	1,269.38	177.84	8.138	
12,600.00	6,853.58	12,810.18	7,151.61	92.67	90.30	-101.88	-769.46	-4,781.26	1,447.66	1,266.58	181.08	7.994	
12,700.00	6,851.18	12,910.17	7,148.44	94.31	91.93	-101.84	-769.83	-4,881.21	1,448.09	1,263.77	184.33	7.856	
12,800.00	6,848.77	13,010.17	7,145.27	95.95	93.56	-101.81	-770.21	-4,981.15	1,448.53	1,260.95	187.57	7.723	
12,900.00	6,846.36	13,110.16	7,142.10	97.59	95.20	-101.77	-770.59	-5,081.10	1,448.96	1,258.14	190.82	7.593	
13,000.00	6,843.96	13,210.16	7,138.92	99.23	96.84	-101.74	-770.97	-5,181.04	1,449.40	1,255.32	194.07	7.468	
13,100.00	6,841.55	13,310.15	7,135.75	100.88	98.47	-101.71	-771.35	-5,280.98	1,449.83	1,252.50	197.33	7.347	
13,200.00	6,839.15	13,410.15	7,132.58	102.52	100.11	-101.67	-771.73	-5,380.93	1,450.27	1,249.68	200.58	7.230	
13,300.00	6,836.74	13,510.14	7,129.41	104.17	101.75	-101.64	-772.11	-5,480.87	1,450.70	1,246.86	203.84	7.117	
13,400.00	6,834.33	13,610.14	7,126.23	105.81	103.40	-101.60	-772.49	-5,580.82	1,451.14	1,244.04	207.11	7.007	
13,500.00	6,831.93	13,710.14	7,123.06	107.46	105.04	-101.57	-772.87	-5,680.76	1,451.58	1,241.21	210.37	6.900	
13,600.00	6,829.52	13,810.13	7,119.89	109.11	106.68	-101.53	-773.24	-5,780.70	1,452.02	1,238.38	213.64	6.797	
13,700.00	6,827.11	13,910.13	7,116.72	110.75	108.33	-101.50	-773.62	-5,880.65	1,452.46	1,235.55	216.90	6.696	
13,800.00	6,824.71	14,010.12	7,113.54	112.40	109.97	-101.46	-774.00	-5,980.59	1,452.90	1,232.72	220.17	6.599	
13,900.00	6,822.30	14,110.12	7,110.37	114.05	111.62	-101.43	-774.38	-6,080.54	1,453.34	1,229.89	223.44	6.504	
14,000.00	6,819.90	14,210.11	7,107.20	115.70	113.26	-101.40	-774.76	-6,180.48	1,453.78	1,227.06	226.72	6.412	
14,100.00	6,817.49	14,310.11	7,104.03	117.35	114.91	-101.36	-775.14	-6,280.43	1,454.22	1,224.22	229.99	6.323	
14,200.00	6,815.08	14,410.10	7,100.85	119.01	116.56	-101.33	-775.52	-6,380.37	1,454.66	1,221.39	233.27	6.236	
14,300.00	6,812.68	14,510.10	7,097.68	120.66	118.21	-101.29	-775.90	-6,480.31	1,455.10	1,218.55	236.55	6.151	
14,400.00	6,810.27	14,610.09	7,094.51	122.31	119.85	-101.26	-776.28	-6,580.26	1,455.54	1,215.71	239.83	6.069	
14,500.00	6,807.86	14,710.09	7,091.34	123.96	121.50	-101.22	-776.65	-6,680.20	1,455.99	1,212.87	243.11	5.989	
14,600.00	6,805.46	14,810.08	7,088.16	125.62	123.15	-101.19	-777.03	-6,780.15	1,456.43	1,210.03	246.40	5.911	
14,700.00	6,803.05	14,910.08	7,084.99	127.27	124.81	-101.16	-777.41	-6,880.09	1,456.87	1,207.19	249.68	5.835	
14,800.00	6,800.65	15,010.07	7,081.82	128.93	126.46	-101.12	-777.79	-6,980.03	1,457.32	1,204.35	252.97	5.761	
14,900.00	6,798.24	15,110.07	7,078.65	130.58	128.11	-101.09	-778.17	-7,079.98	1,457.76	1,201.51	256.26	5.689	
15,000.00	6,795.83	15,210.06	7,075.47	132.24	129.76	-101.05	-778.55	-7,179.92	1,458.21	1,198.66	259.54	5.618	
15,100.00	6,793.43	15,310.06	7,072.30	133.89	131.41	-101.02	-778.93	-7,279.87	1,458.66	1,195.82	262.83	5.550	
15,200.00	6,791.02	15,410.05	7,069.13	135.55	133.07	-100.98	-779.31	-7,379.81	1,459.10	1,192.98	266.13	5.483	
15,300.00	6,788.61	15,510.05	7,065.96	137.21	134.72	-100.95	-779.69	-7,479.76	1,459.55	1,190.13	269.42	5.417	
15,383.95	6,786.59	15,578.05	7,063.80	138.60	135.85	-100.93	-779.94	-7,547.72	1,460.01	1,188.12	271.89	5.370 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.55	1.09	-140.04	140.04				
100.00	100.00	100.00	100.00	3.28	3.28	-89.55	1.09	-140.04	140.04	132.52	7.53	18.601	
200.00	200.00	200.00	200.00	3.31	3.31	-89.55	1.09	-140.04	140.04	132.47	7.57	18.490	
300.00	300.00	304.61	304.58	3.35	3.35	-150.59	0.28	-138.31	138.77	131.11	7.66	18.118	
400.00	399.93	409.02	408.84	3.42	3.42	-152.37	-2.15	-133.14	136.91	129.14	7.78	17.604	
500.00	499.68	513.08	512.45	3.51	3.51	-155.63	-6.18	-124.58	135.17	127.23	7.94	17.026	
600.00	599.13	616.61	615.14	3.62	3.64	-160.37	-11.78	-112.68	134.12	125.97	8.15	16.459	
628.47	627.37	645.96	644.16	3.66	3.68	-161.98	-13.66	-108.70	134.05	125.83	8.22	16.309 CC, ES	
700.00	698.15	719.44	716.60	3.76	3.81	-166.50	-18.90	-97.55	134.56	126.14	8.42	15.987	
800.00	796.63	818.80	814.21	3.94	4.01	-173.21	-26.80	-80.77	138.25	129.48	8.77	15.766	
900.00	894.70	917.25	910.92	4.15	4.24	-179.50	-34.65	-64.07	145.93	136.75	9.18	15.891	
1,000.00	992.76	1,015.70	1,007.63	4.40	4.49	174.88	-42.51	-47.38	155.26	145.62	9.64	16.098	
1,100.00	1,090.82	1,114.15	1,104.33	4.66	4.77	169.94	-50.36	-30.69	165.92	155.77	10.15	16.350	
1,200.00	1,188.88	1,212.60	1,201.04	4.95	5.06	165.60	-58.22	-14.00	177.67	166.99	10.69	16.622	
1,300.00	1,286.94	1,311.06	1,297.75	5.25	5.37	161.82	-66.07	2.69	190.32	179.06	11.26	16.900	
1,400.00	1,385.00	1,409.51	1,394.46	5.56	5.69	158.51	-73.93	19.39	203.69	191.83	11.86	17.175	
1,500.00	1,483.07	1,507.96	1,491.16	5.89	6.02	155.61	-81.78	36.08	217.65	205.17	12.48	17.439	
1,600.00	1,581.13	1,606.41	1,587.87	6.23	6.36	153.06	-89.64	52.77	232.10	218.97	13.12	17.689	
1,700.00	1,679.19	1,704.86	1,684.58	6.57	6.71	150.82	-97.49	69.46	246.94	233.16	13.78	17.925	
1,800.00	1,777.25	1,803.31	1,781.29	6.92	7.06	148.83	-105.35	86.16	262.12	247.68	14.44	18.152	
1,900.00	1,875.31	1,901.76	1,877.99	7.11	7.25	147.05	-113.20	102.85	277.57	263.14	14.44	19.227	
2,000.00	1,973.37	2,000.22	1,974.70	7.16	7.29	145.47	-121.06	119.54	293.26	278.73	14.53	20.187	
2,100.00	2,071.43	2,098.67	2,071.41	7.22	7.35	144.04	-128.91	136.23	309.15	294.50	14.65	21.102	
2,200.00	2,169.50	2,202.88	2,168.12	7.30	7.43	142.76	-136.77	152.92	325.20	310.40	14.81	21.961	
2,300.00	2,267.56	2,304.43	2,264.82	7.39	7.53	141.59	-144.62	169.62	341.40	326.41	15.00	22.766	
2,400.00	2,365.62	2,405.98	2,361.53	7.50	7.64	140.54	-152.48	186.31	357.73	342.52	15.21	23.512	
2,500.00	2,463.68	2,492.47	2,458.24	7.63	7.75	139.57	-160.33	203.00	374.17	358.72	15.44	24.230	
2,600.00	2,561.74	2,590.92	2,554.95	7.77	7.88	138.68	-168.19	219.69	390.70	374.98	15.71	24.868	
2,700.00	2,659.80	2,689.38	2,651.66	7.92	8.03	137.87	-176.04	236.39	407.31	391.30	16.00	25.449	
2,800.00	2,757.86	2,787.83	2,748.36	8.08	8.19	137.12	-183.90	253.08	424.00	407.67	16.32	25.975	
2,900.00	2,855.93	2,886.28	2,845.07	8.26	8.37	136.43	-191.75	269.77	440.75	424.08	16.67	26.448	
3,000.00	2,953.99	2,984.73	2,941.78	8.45	8.55	135.79	-199.61	286.46	457.56	440.53	17.03	26.871	
3,100.00	3,052.05	3,083.18	3,038.49	8.64	8.75	135.19	-207.46	303.15	474.42	457.01	17.41	27.248	
3,200.00	3,150.11	3,181.63	3,135.19	8.85	8.95	134.63	-215.32	319.85	491.33	473.52	17.81	27.583	
3,300.00	3,248.17	3,280.08	3,231.90	9.07	9.16	134.11	-223.17	336.54	508.29	490.05	18.23	27.878	
3,400.00	3,346.23	3,378.54	3,328.61	9.29	9.38	133.63	-231.03	353.23	525.28	506.61	18.67	28.137	
3,500.00	3,444.29	3,476.99	3,425.32	9.52	9.61	133.17	-238.88	369.92	542.30	523.18	19.12	28.363	
3,600.00	3,542.36	3,575.44	3,522.02	9.76	9.85	132.75	-246.74	386.61	559.36	539.77	19.59	28.560	
3,700.00	3,640.42	3,673.89	3,618.73	10.01	10.09	132.34	-254.59	403.31	576.44	556.38	20.06	28.731	
3,800.00	3,738.48	3,772.34	3,715.44	10.26	10.34	131.96	-262.44	420.00	593.55	573.00	20.55	28.877	
3,900.00	3,836.54	3,870.79	3,812.15	10.52	10.60	131.61	-270.30	436.69	610.69	589.63	21.06	29.002	
4,000.00	3,934.60	3,969.24	3,908.85	10.78	10.86	131.27	-278.15	453.38	627.84	606.27	21.57	29.109	
4,100.00	4,032.66	4,067.70	4,005.56	11.05	11.13	130.95	-286.01	470.08	645.02	622.93	22.09	29.198	
4,200.00	4,130.73	4,166.15	4,102.27	11.32	11.40	130.64	-293.86	486.77	662.21	639.59	22.62	29.272	
4,300.00	4,228.79	4,264.60	4,198.98	11.60	11.67	130.36	-301.72	503.46	679.42	656.26	23.16	29.333	
4,400.00	4,326.85	4,363.05	4,295.68	11.88	11.95	130.08	-309.57	520.15	696.65	672.94	23.71	29.382	
4,500.00	4,424.91	4,461.50	4,392.39	12.16	12.24	129.82	-317.43	536.84	713.89	689.63	24.27	29.420	
4,600.00	4,522.97	4,559.95	4,489.10	12.45	12.52	129.57	-325.28	553.54	731.15	706.32	24.83	29.450	
4,700.00	4,621.03	4,658.40	4,585.81	12.74	12.81	129.34	-333.14	570.23	748.42	723.02	25.40	29.471	
4,800.00	4,719.09	4,756.86	4,682.51	13.04	13.10	129.11	-340.99	586.92	765.70	739.73	25.97	29.484	
4,900.00	4,817.16	4,855.31	4,779.22	13.33	13.40	128.89	-348.85	603.61	782.99	756.44	26.55	29.492	
5,000.00	4,915.22	4,953.76	4,875.93	13.63	13.70	128.69	-356.70	620.31	800.29	773.16	27.13	29.494	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,013.28	5,052.21	4,972.64	13.94	14.00	128.49	-364.56	637.00	817.61	789.88	27.72	29.491	
5,200.00	5,111.34	5,150.66	5,069.35	14.24	14.30	128.30	-372.41	653.69	834.93	806.61	28.32	29.483	
5,300.00	5,209.40	5,249.11	5,166.05	14.55	14.61	128.11	-380.27	670.38	852.26	823.34	28.92	29.472	
5,400.00	5,307.46	5,347.57	5,262.76	14.86	14.92	127.94	-388.12	687.07	869.59	840.07	29.52	29.458	
5,500.00	5,405.52	5,446.02	5,359.47	15.17	15.23	127.77	-395.98	703.77	886.94	856.81	30.13	29.441	
5,600.00	5,503.59	5,544.47	5,456.18	15.48	15.54	127.61	-403.83	720.46	904.29	873.56	30.74	29.421	
5,700.00	5,601.65	5,642.92	5,552.88	15.79	15.85	127.45	-411.69	737.15	921.65	890.30	31.35	29.399	
5,800.00	5,699.71	5,741.37	5,649.59	16.11	16.17	127.30	-419.54	753.84	939.02	907.05	31.97	29.375	
5,900.00	5,797.77	5,839.82	5,746.30	16.43	16.48	127.16	-427.40	770.53	956.39	923.80	32.59	29.350	
6,000.00	5,895.83	5,938.27	5,843.01	16.74	16.80	127.02	-435.25	787.23	973.76	940.56	33.21	29.323	
6,100.00	5,993.89	6,036.73	5,939.71	17.06	17.12	126.89	-443.11	803.92	991.15	957.31	33.83	29.295	
6,200.00	6,091.95	6,135.18	6,036.42	17.39	17.44	126.76	-450.96	820.61	1,008.54	974.08	34.46	29.267	
6,300.00	6,190.02	6,233.63	6,133.13	17.71	17.76	126.63	-458.82	837.30	1,025.93	990.84	35.09	29.237	
6,400.00	6,288.39	6,332.01	6,229.77	17.99	18.08	145.64	-466.67	853.98	1,043.07	1,007.40	35.67	29.239	
6,500.00	6,387.80	6,429.03	6,325.07	18.17	18.40	-137.34	-474.41	870.43	1,058.66	1,022.50	36.16	29.281	
6,600.00	6,486.12	6,516.22	6,410.87	18.29	18.66	-106.46	-481.38	884.22	1,073.00	1,036.51	36.50	29.401	
6,700.00	6,580.94	6,596.77	6,490.99	18.34	18.80	-97.78	-487.95	888.30	1,087.45	1,050.78	36.66	29.659	
6,800.00	6,669.91	6,680.66	6,574.28	18.34	18.90	-94.25	-494.85	881.74	1,102.07	1,065.32	36.75	29.987	
6,900.00	6,750.85	6,768.82	6,660.07	18.32	18.96	-92.67	-502.02	863.08	1,116.70	1,079.92	36.78	30.359	
7,000.00	6,821.76	6,862.41	6,747.39	18.29	18.98	-92.07	-509.41	830.47	1,131.12	1,094.33	36.79	30.747	
7,100.00	6,880.90	6,962.84	6,834.70	18.28	18.96	-92.11	-516.90	781.61	1,145.03	1,108.23	36.80	31.113	
7,200.00	6,926.81	7,071.81	6,919.47	18.34	18.92	-92.62	-524.30	713.76	1,158.04	1,121.17	36.87	31.406	
7,300.00	6,958.36	7,191.19	6,997.62	18.50	18.86	-93.52	-531.29	624.02	1,169.62	1,132.55	37.07	31.552	
7,400.00	6,974.77	7,322.77	7,062.75	18.78	18.86	-94.72	-537.36	510.11	1,179.10	1,141.61	37.49	31.452	
7,500.00	6,976.30	7,467.87	7,105.87	19.17	18.97	-96.22	-541.77	371.97	1,185.67	1,147.43	38.24	31.007	
7,600.00	6,973.90	7,618.16	7,116.66	19.72	19.30	-96.90	-543.59	222.42	1,188.13	1,148.74	39.39	30.160	
7,700.00	6,971.49	7,718.16	7,114.03	20.41	19.71	-96.88	-544.00	122.45	1,188.73	1,148.17	40.56	29.309	
7,800.00	6,969.09	7,818.16	7,111.41	21.20	20.27	-96.87	-544.41	22.49	1,189.33	1,147.38	41.96	28.347	
7,900.00	6,966.68	7,918.15	7,108.78	22.09	20.98	-96.85	-544.81	-77.47	1,189.94	1,146.37	43.57	27.312	
8,000.00	6,964.27	8,018.15	7,106.15	23.07	21.81	-96.84	-545.22	-177.43	1,190.54	1,145.17	45.37	26.241	
8,100.00	6,961.87	8,118.15	7,103.52	24.13	22.74	-96.82	-545.63	-277.40	1,191.14	1,143.80	47.34	25.162	
8,200.00	6,959.46	8,218.15	7,100.90	25.25	23.76	-96.81	-546.04	-377.36	1,191.74	1,142.28	49.46	24.096	
8,300.00	6,957.05	8,318.14	7,098.27	26.42	24.85	-96.80	-546.44	-477.32	1,192.34	1,140.64	51.71	23.060	
8,400.00	6,954.65	8,418.14	7,095.64	27.65	26.01	-96.78	-546.85	-577.28	1,192.94	1,138.88	54.07	22.064	
8,500.00	6,952.24	8,518.14	7,093.01	28.92	27.22	-96.77	-547.26	-677.25	1,193.54	1,137.02	56.53	21.114	
8,600.00	6,949.83	8,618.14	7,090.38	30.23	28.47	-96.75	-547.66	-777.21	1,194.15	1,135.07	59.07	20.214	
8,700.00	6,947.43	8,718.14	7,087.76	31.57	29.77	-96.74	-548.07	-877.17	1,194.75	1,133.05	61.70	19.364	
8,800.00	6,945.02	8,818.13	7,085.13	32.94	31.10	-96.72	-548.48	-977.13	1,195.35	1,130.96	64.39	18.565	
8,900.00	6,942.62	8,918.13	7,082.50	34.34	32.47	-96.71	-548.88	-1,077.10	1,195.95	1,128.81	67.14	17.814	
9,000.00	6,940.21	9,018.13	7,079.87	35.76	33.86	-96.70	-549.29	-1,177.06	1,196.55	1,126.62	69.94	17.109	
9,100.00	6,937.80	9,118.13	7,077.24	37.21	35.28	-96.68	-549.70	-1,277.02	1,197.15	1,124.37	72.78	16.449	
9,200.00	6,935.40	9,218.12	7,074.62	38.67	36.71	-96.67	-550.11	-1,376.98	1,197.76	1,122.09	75.67	15.830	
9,300.00	6,932.99	9,318.12	7,071.99	40.14	38.17	-96.65	-550.51	-1,476.95	1,198.36	1,119.77	78.59	15.249	
9,400.00	6,930.58	9,418.12	7,069.36	41.64	39.64	-96.64	-550.92	-1,576.91	1,198.96	1,117.42	81.54	14.704	
9,500.00	6,928.18	9,518.12	7,066.73	43.14	41.13	-96.63	-551.33	-1,676.87	1,199.56	1,115.04	84.52	14.192	
9,600.00	6,925.77	9,618.12	7,064.11	44.66	42.63	-96.61	-551.73	-1,776.83	1,200.17	1,112.64	87.53	13.712	
9,700.00	6,923.37	9,718.11	7,061.48	46.18	44.14	-96.60	-552.14	-1,876.79	1,200.77	1,110.21	90.56	13.259	
9,800.00	6,920.96	9,818.11	7,058.85	47.72	45.67	-96.58	-552.55	-1,976.76	1,201.37	1,107.76	93.61	12.834	
9,900.00	6,918.55	9,918.11	7,056.22	49.27	47.20	-96.57	-552.95	-2,076.72	1,201.97	1,105.29	96.68	12.432	
10,000.00	6,916.15	10,018.11	7,053.59	50.82	48.75	-96.56	-553.36	-2,176.68	1,202.58	1,102.81	99.77	12.054	
10,100.00	6,913.74	10,118.10	7,050.97	52.38	50.30	-96.54	-553.77	-2,276.64	1,203.18	1,100.31	102.87	11.696	
10,200.00	6,911.33	10,218.10	7,048.34	53.95	51.86	-96.53	-554.17	-2,376.61	1,203.78	1,097.79	105.99	11.358	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	6,908.93	10,318.10	7,045.71	55.52	53.42	-96.51	-554.58	-2,476.57	1,204.38	1,095.27	109.12	11.037	
10,400.00	6,906.52	10,418.10	7,043.08	57.10	55.00	-96.50	-554.99	-2,576.53	1,204.99	1,092.73	112.26	10.734	
10,500.00	6,904.12	10,518.09	7,040.45	58.68	56.57	-96.49	-555.40	-2,676.49	1,205.59	1,090.18	115.41	10.446	
10,600.00	6,901.71	10,618.09	7,037.83	60.27	58.16	-96.47	-555.80	-2,776.46	1,206.19	1,087.62	118.58	10.172	
10,700.00	6,899.30	10,718.09	7,035.20	61.87	59.74	-96.46	-556.21	-2,876.42	1,206.80	1,085.05	121.75	9.912	
10,800.00	6,896.90	10,818.09	7,032.57	63.46	61.34	-96.45	-556.62	-2,976.38	1,207.40	1,082.47	124.93	9.665	
10,900.00	6,894.49	10,918.09	7,029.94	65.06	62.93	-96.43	-557.02	-3,076.34	1,208.00	1,079.88	128.12	9.429	
11,000.00	6,892.08	11,018.08	7,027.32	66.67	64.53	-96.42	-557.43	-3,176.31	1,208.61	1,077.29	131.31	9.204	
11,100.00	6,889.68	11,118.08	7,024.69	68.28	66.13	-96.40	-557.84	-3,276.27	1,209.21	1,074.69	134.52	8.989	
11,200.00	6,887.27	11,218.08	7,022.06	69.89	67.74	-96.39	-558.24	-3,376.23	1,209.81	1,072.09	137.73	8.784	
11,300.00	6,884.87	11,318.08	7,019.43	71.50	69.35	-96.38	-558.65	-3,476.19	1,210.42	1,069.47	140.94	8.588	
11,400.00	6,882.46	11,418.07	7,016.80	73.12	70.96	-96.36	-559.06	-3,576.16	1,211.02	1,066.86	144.16	8.400	
11,500.00	6,880.05	11,518.07	7,014.18	74.74	72.58	-96.35	-559.47	-3,676.12	1,211.62	1,064.23	147.39	8.221	
11,600.00	6,877.65	11,618.07	7,011.55	76.36	74.20	-96.34	-559.87	-3,776.08	1,212.23	1,061.61	150.62	8.048	
11,700.00	6,875.24	11,718.07	7,008.92	77.98	75.82	-96.32	-560.28	-3,876.04	1,212.83	1,058.98	153.86	7.883	
11,800.00	6,872.83	11,818.07	7,006.29	79.61	77.44	-96.31	-560.69	-3,976.00	1,213.43	1,056.34	157.09	7.724	
11,900.00	6,870.43	11,918.06	7,003.66	81.23	79.06	-96.29	-561.09	-4,075.97	1,214.04	1,053.70	160.34	7.572	
12,000.00	6,868.02	12,018.06	7,001.04	82.86	80.69	-96.28	-561.50	-4,175.93	1,214.64	1,051.06	163.59	7.425	
12,100.00	6,865.62	12,118.06	6,998.41	84.49	82.32	-96.27	-561.91	-4,275.89	1,215.25	1,048.41	166.84	7.284	
12,200.00	6,863.21	12,218.06	6,995.78	86.13	83.95	-96.25	-562.31	-4,375.85	1,215.85	1,045.76	170.09	7.148	
12,300.00	6,860.80	12,318.05	6,993.15	87.76	85.58	-96.24	-562.72	-4,475.82	1,216.46	1,043.11	173.35	7.017	
12,400.00	6,858.40	12,418.05	6,990.53	89.40	87.21	-96.23	-563.13	-4,575.78	1,217.06	1,040.45	176.61	6.891	
12,500.00	6,855.99	12,518.05	6,987.90	91.03	88.85	-96.21	-563.54	-4,675.74	1,217.66	1,037.79	179.87	6.770	
12,600.00	6,853.58	12,618.05	6,985.27	92.67	90.48	-96.20	-563.94	-4,775.70	1,218.27	1,035.13	183.14	6.652	
12,700.00	6,851.18	12,718.05	6,982.64	94.31	92.12	-96.19	-564.35	-4,875.67	1,218.87	1,032.46	186.41	6.539	
12,800.00	6,848.77	12,818.04	6,980.01	95.95	93.76	-96.17	-564.76	-4,975.63	1,219.48	1,029.80	189.68	6.429	
12,900.00	6,846.36	12,918.04	6,977.39	97.59	95.40	-96.16	-565.16	-5,075.59	1,220.08	1,027.13	192.95	6.323	
13,000.00	6,843.96	13,018.04	6,974.76	99.23	97.04	-96.14	-565.57	-5,175.55	1,220.69	1,024.46	196.23	6.221	
13,100.00	6,841.55	13,118.04	6,972.13	100.88	98.68	-96.13	-565.98	-5,275.52	1,221.29	1,021.78	199.51	6.122	
13,200.00	6,839.15	13,218.03	6,969.50	102.52	100.32	-96.12	-566.38	-5,375.48	1,221.90	1,019.11	202.79	6.025	
13,300.00	6,836.74	13,318.03	6,966.87	104.17	101.97	-96.10	-566.79	-5,475.44	1,222.50	1,016.43	206.07	5.932	
13,400.00	6,834.33	13,418.03	6,964.25	105.81	103.61	-96.09	-567.20	-5,575.40	1,223.11	1,013.75	209.35	5.842	
13,500.00	6,831.93	13,518.03	6,961.62	107.46	105.25	-96.08	-567.60	-5,675.37	1,223.71	1,011.07	212.64	5.755	
13,600.00	6,829.52	13,618.03	6,958.99	109.11	106.90	-96.06	-568.01	-5,775.33	1,224.32	1,008.39	215.93	5.670	
13,700.00	6,827.11	13,718.02	6,956.36	110.75	108.55	-96.05	-568.42	-5,875.29	1,224.92	1,005.71	219.22	5.588	
13,800.00	6,824.71	13,818.02	6,953.74	112.40	110.20	-96.04	-568.83	-5,975.25	1,225.53	1,003.02	222.51	5.508	
13,900.00	6,822.30	13,918.02	6,951.11	114.05	111.84	-96.02	-569.23	-6,075.22	1,226.13	1,000.34	225.80	5.430	
14,000.00	6,819.90	14,018.02	6,948.48	115.70	113.49	-96.01	-569.64	-6,175.18	1,226.74	997.65	229.09	5.355	
14,100.00	6,817.49	14,118.01	6,945.85	117.35	115.14	-96.00	-570.05	-6,275.14	1,227.34	994.96	232.38	5.282	
14,200.00	6,815.08	14,218.01	6,943.22	119.01	116.79	-95.98	-570.45	-6,375.10	1,227.95	992.27	235.68	5.210	
14,300.00	6,812.68	14,318.01	6,940.60	120.66	118.44	-95.97	-570.86	-6,475.06	1,228.55	989.58	238.98	5.141	
14,400.00	6,810.27	14,418.01	6,937.97	122.31	120.09	-95.96	-571.27	-6,575.03	1,229.16	986.88	242.28	5.073	
14,500.00	6,807.86	14,518.01	6,935.34	123.96	121.75	-95.94	-571.67	-6,674.99	1,229.77	984.19	245.58	5.008	
14,600.00	6,805.46	14,618.00	6,932.71	125.62	123.40	-95.93	-572.08	-6,774.95	1,230.37	981.50	248.88	4.944	
14,700.00	6,803.05	14,718.00	6,930.09	127.27	125.05	-95.92	-572.49	-6,874.91	1,230.98	978.80	252.18	4.881	
14,800.00	6,800.65	14,818.00	6,927.46	128.93	126.71	-95.90	-572.90	-6,974.88	1,231.58	976.10	255.48	4.821	
14,900.00	6,798.24	14,918.00	6,924.83	130.58	128.36	-95.89	-573.30	-7,074.84	1,232.19	973.41	258.78	4.761	
15,000.00	6,795.83	15,017.99	6,922.20	132.24	130.01	-95.88	-573.71	-7,174.80	1,232.80	970.71	262.09	4.704	
15,100.00	6,793.43	15,117.99	6,919.57	133.89	131.67	-95.86	-574.12	-7,274.76	1,233.40	968.01	265.39	4.647	
15,200.00	6,791.02	15,217.99	6,916.95	135.55	133.32	-95.85	-574.52	-7,374.73	1,234.01	965.31	268.70	4.592	
15,300.00	6,788.61	15,317.99	6,914.32	137.21	134.98	-95.84	-574.93	-7,474.69	1,234.61	962.61	272.01	4.539	
15,383.95	6,786.59	15,392.03	6,912.37	138.60	136.21	-95.83	-575.23	-7,548.71	1,235.16	960.57	274.59	4.498 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.54	1.46	-180.13	180.14				
100.00	100.00	100.00	100.00	3.28	3.28	-89.54	1.46	-180.13	180.14	172.61	7.53	23.926	
200.00	200.00	200.00	200.00	3.31	3.31	-89.54	1.46	-180.13	180.14	172.56	7.57	23.784	CC
200.01	200.01	200.01	200.01	3.31	3.31	-89.54	1.46	-180.13	180.14	172.56	7.57	23.784	
300.00	300.00	302.57	302.57	3.35	3.35	-150.30	1.15	-179.76	180.16	172.50	7.66	23.516	ES
400.00	399.93	407.58	407.50	3.42	3.41	-151.65	-1.29	-176.78	180.39	172.60	7.78	23.182	
500.00	499.68	512.19	511.82	3.51	3.50	-154.30	-6.14	-170.85	181.12	173.18	7.94	22.798	
600.00	599.13	616.15	615.16	3.62	3.62	-158.19	-13.34	-162.05	182.92	174.76	8.16	22.426	
700.00	698.15	719.22	717.12	3.76	3.77	-163.16	-22.83	-150.46	186.55	178.12	8.43	22.139	
800.00	796.63	821.15	817.38	3.94	3.97	-168.96	-34.48	-136.22	192.93	184.16	8.77	22.009	
900.00	894.70	920.56	914.52	4.15	4.20	-175.10	-47.85	-119.89	201.84	192.66	9.18	21.984	
1,000.00	992.76	1,017.82	1,009.43	4.40	4.47	179.30	-61.28	-103.48	212.69	203.04	9.65	22.031	
1,100.00	1,090.82	1,115.07	1,104.34	4.66	4.77	174.25	-74.72	-87.06	225.43	215.26	10.17	22.161	
1,200.00	1,188.88	1,212.32	1,199.25	4.95	5.08	169.76	-88.16	-70.64	239.75	229.03	10.73	22.349	
1,300.00	1,286.94	1,309.57	1,294.16	5.25	5.41	165.78	-101.60	-54.23	255.40	244.09	11.32	22.572	
1,400.00	1,385.00	1,406.83	1,389.07	5.56	5.76	162.27	-115.03	-37.81	272.14	260.22	11.93	22.815	
1,500.00	1,483.07	1,504.08	1,483.98	5.89	6.12	159.16	-128.47	-21.39	289.79	277.23	12.56	23.066	
1,600.00	1,581.13	1,601.33	1,578.89	6.23	6.49	156.40	-141.91	-4.98	308.19	294.97	13.22	23.319	
1,700.00	1,679.19	1,701.42	1,673.81	6.57	6.88	153.96	-155.34	11.44	327.21	313.31	13.90	23.547	
1,800.00	1,777.25	1,795.84	1,768.72	6.92	7.26	151.78	-168.78	27.86	346.74	332.18	14.57	23.806	
1,900.00	1,875.31	1,906.91	1,863.63	7.11	7.50	149.83	-182.22	44.28	366.72	352.12	14.60	25.126	
2,000.00	1,973.37	2,009.66	1,958.54	7.16	7.55	148.09	-195.66	60.69	387.06	372.38	14.68	26.360	
2,100.00	2,071.43	2,087.59	2,053.45	7.22	7.61	146.52	-209.09	77.11	407.72	392.94	14.79	27.572	
2,200.00	2,169.50	2,184.85	2,148.36	7.30	7.70	145.10	-222.53	93.53	428.65	413.71	14.94	28.699	
2,300.00	2,267.56	2,282.10	2,243.27	7.39	7.80	143.81	-235.97	109.94	449.81	434.69	15.12	29.756	
2,400.00	2,365.62	2,379.35	2,338.18	7.50	7.92	142.63	-249.41	126.36	471.17	455.84	15.33	30.741	
2,500.00	2,463.68	2,476.60	2,433.09	7.63	8.05	141.56	-262.84	142.78	492.70	477.14	15.57	31.650	
2,600.00	2,561.74	2,573.86	2,528.00	7.77	8.20	140.57	-276.28	159.19	514.39	498.55	15.84	32.483	
2,700.00	2,659.80	2,671.11	2,622.91	7.92	8.36	139.67	-289.72	175.61	536.21	520.08	16.13	33.242	
2,800.00	2,757.86	2,768.36	2,717.82	8.08	8.54	138.84	-303.15	192.03	558.14	541.69	16.45	33.929	
2,900.00	2,855.93	2,865.61	2,812.73	8.26	8.73	138.07	-316.59	208.44	580.19	563.39	16.79	34.548	
3,000.00	2,953.99	2,962.87	2,907.64	8.45	8.93	137.35	-330.03	224.86	602.32	585.16	17.16	35.101	
3,100.00	3,052.05	3,060.12	3,002.55	8.64	9.15	136.69	-343.47	241.28	624.54	606.99	17.55	35.595	
3,200.00	3,150.11	3,157.37	3,097.46	8.85	9.37	136.07	-356.90	257.70	646.83	628.88	17.95	36.032	
3,300.00	3,248.17	3,254.62	3,192.37	9.07	9.60	135.49	-370.34	274.11	669.19	650.82	18.38	36.418	
3,400.00	3,346.23	3,351.88	3,287.28	9.29	9.84	134.95	-383.78	290.53	691.61	672.80	18.82	36.757	
3,500.00	3,444.29	3,449.13	3,382.19	9.52	10.09	134.44	-397.22	306.95	714.09	694.82	19.27	37.053	
3,600.00	3,542.36	3,546.38	3,477.10	9.76	10.35	133.97	-410.65	323.36	736.61	716.87	19.74	37.311	
3,700.00	3,640.42	3,643.63	3,572.01	10.01	10.61	133.52	-424.09	339.78	759.19	738.96	20.23	37.535	
3,800.00	3,738.48	3,740.89	3,666.92	10.26	10.88	133.10	-437.53	356.20	781.80	761.08	20.72	37.727	
3,900.00	3,836.54	3,838.14	3,761.83	10.52	11.16	132.70	-450.96	372.61	804.45	783.22	21.23	37.891	
4,000.00	3,934.60	3,935.39	3,856.74	10.78	11.44	132.32	-464.40	389.03	827.14	805.39	21.75	38.031	
4,100.00	4,032.66	4,032.64	3,951.65	11.05	11.73	131.97	-477.84	405.45	849.85	827.58	22.28	38.148	
4,200.00	4,130.73	4,129.90	4,046.56	11.32	12.02	131.63	-491.28	421.86	872.60	849.79	22.82	38.246	
4,300.00	4,228.79	4,227.15	4,141.47	11.60	12.32	131.31	-504.71	438.28	895.38	872.01	23.36	38.326	
4,400.00	4,326.85	4,324.40	4,236.38	11.88	12.62	131.01	-518.15	454.70	918.18	894.26	23.92	38.391	
4,500.00	4,424.91	4,421.65	4,331.29	12.16	12.92	130.72	-531.59	471.11	941.00	916.52	24.48	38.442	
4,600.00	4,522.97	4,518.91	4,426.20	12.45	13.23	130.44	-545.03	487.53	963.85	938.80	25.05	38.481	
4,700.00	4,621.03	4,616.16	4,521.12	12.74	13.54	130.18	-558.46	503.95	986.71	961.09	25.62	38.510	
4,800.00	4,719.09	4,713.41	4,616.03	13.04	13.86	129.92	-571.90	520.37	1,009.60	983.39	26.20	38.529	
4,900.00	4,817.16	4,810.66	4,710.94	13.33	14.18	129.68	-585.34	536.78	1,032.50	1,005.71	26.79	38.540	
5,000.00	4,915.22	4,907.92	4,805.85	13.63	14.50	129.45	-598.77	553.20	1,055.42	1,028.03	27.38	38.543	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,100.00	5,013.28	5,005.17	4,900.76	13.94	14.82	129.23	-612.21	569.62	1,078.35	1,050.37	27.98	38.541		
5,200.00	5,111.34	5,102.42	4,995.67	14.24	15.15	129.02	-625.65	586.03	1,101.30	1,072.72	28.58	38.532		
5,300.00	5,209.40	5,199.67	5,090.58	14.55	15.48	128.82	-639.09	602.45	1,124.26	1,095.08	29.19	38.519		
5,400.00	5,307.46	5,296.93	5,185.49	14.86	15.81	128.62	-652.52	618.87	1,147.24	1,117.44	29.80	38.501		
5,500.00	5,405.52	5,405.82	5,280.40	15.17	16.18	128.44	-665.96	635.28	1,170.23	1,139.78	30.45	38.432		
5,600.00	5,503.59	5,508.57	5,375.31	15.48	16.53	128.26	-679.40	651.70	1,193.22	1,162.14	31.09	38.386		
5,700.00	5,601.65	5,588.68	5,470.22	15.79	16.81	128.09	-692.84	668.12	1,216.23	1,184.58	31.65	38.428		
5,800.00	5,699.71	5,685.94	5,565.13	16.11	17.15	127.92	-706.27	684.53	1,239.25	1,206.98	32.27	38.398		
5,900.00	5,797.77	5,783.19	5,660.04	16.43	17.49	127.76	-719.71	700.95	1,262.28	1,229.38	32.90	38.366		
6,000.00	5,895.83	5,880.44	5,754.95	16.74	17.83	127.60	-733.15	717.37	1,285.32	1,251.79	33.53	38.332		
6,100.00	5,993.89	5,977.69	5,849.86	17.06	18.17	127.46	-746.58	733.79	1,308.37	1,274.20	34.16	38.297		
6,200.00	6,091.95	6,074.95	5,944.77	17.39	18.51	127.31	-760.02	750.20	1,331.42	1,296.62	34.80	38.260		
6,300.00	6,190.02	6,172.20	6,039.68	17.71	18.86	127.17	-773.46	766.62	1,354.48	1,319.05	35.44	38.222		
6,400.00	6,288.39	6,269.38	6,134.52	17.99	19.20	146.48	-786.89	783.02	1,377.28	1,341.25	36.03	38.228		
6,500.00	6,387.80	6,365.20	6,228.03	18.17	19.54	-135.80	-800.13	799.20	1,398.31	1,361.80	36.51	38.304		
6,600.00	6,486.12	6,457.31	6,317.93	18.29	19.87	-104.28	-812.85	814.75	1,417.45	1,380.56	36.89	38.424		
6,700.00	6,580.94	6,543.47	6,402.01	18.34	20.18	-95.42	-824.76	829.29	1,435.25	1,398.07	37.18	38.606		
6,800.00	6,669.91	6,618.91	6,475.68	18.34	20.44	-91.76	-835.19	841.74	1,452.59	1,415.24	37.35	38.895		
6,900.00	6,750.85	6,686.79	6,542.60	18.32	20.60	-89.81	-844.73	847.58	1,470.51	1,433.10	37.40	39.317		
7,000.00	6,821.76	6,758.93	6,613.95	18.29	20.72	-88.81	-854.99	845.86	1,489.17	1,451.74	37.43	39.782		
7,100.00	6,880.90	6,837.42	6,690.79	18.28	20.82	-88.44	-866.15	834.76	1,508.49	1,471.00	37.48	40.244		
7,200.00	6,926.81	6,925.71	6,774.84	18.34	20.88	-88.60	-878.50	810.96	1,528.27	1,490.69	37.58	40.671		
7,300.00	6,958.36	7,029.92	6,868.67	18.50	20.91	-89.38	-892.46	768.12	1,548.15	1,510.43	37.72	41.038		
7,400.00	6,974.77	7,161.51	6,975.16	18.78	20.88	-90.96	-908.62	692.93	1,567.43	1,529.48	37.95	41.306		
7,500.00	6,976.30	7,343.52	7,092.65	19.17	20.76	-94.05	-927.07	555.97	1,584.56	1,546.20	38.36	41.309		
7,600.00	6,973.90	7,600.00	7,181.28	19.72	20.60	-97.39	-942.40	329.73	1,595.58	1,556.11	39.46	40.431		
7,700.00	6,971.49	7,804.25	7,189.60	20.41	20.70	-97.84	-945.97	123.36	1,597.09	1,556.03	41.06	38.892		
7,800.00	6,969.09	7,904.26	7,185.95	21.20	21.01	-97.79	-946.60	23.44	1,597.77	1,555.39	42.38	37.701		
7,900.00	6,966.68	8,004.27	7,182.30	22.09	21.56	-97.75	-947.23	-76.48	1,598.44	1,554.53	43.91	36.401		
8,000.00	6,964.27	8,104.29	7,178.65	23.07	22.29	-97.70	-947.85	-176.40	1,599.12	1,553.48	45.64	35.040		
8,100.00	6,961.87	8,204.30	7,175.00	24.13	23.16	-97.65	-948.48	-276.32	1,599.80	1,552.26	47.53	33.655		
8,200.00	6,959.46	8,304.31	7,171.35	25.25	24.13	-97.60	-949.11	-376.24	1,600.48	1,550.89	49.59	32.277		
8,300.00	6,957.05	8,404.32	7,167.69	26.42	25.18	-97.55	-949.73	-476.16	1,601.16	1,549.39	51.77	30.928		
8,400.00	6,954.65	8,504.33	7,164.04	27.65	26.30	-97.50	-950.36	-576.08	1,601.84	1,547.76	54.08	29.622		
8,500.00	6,952.24	8,604.34	7,160.39	28.92	27.47	-97.46	-950.99	-676.00	1,602.52	1,546.04	56.48	28.371		
8,600.00	6,949.83	8,704.35	7,156.74	30.23	28.69	-97.41	-951.62	-775.92	1,603.21	1,544.22	58.98	27.180		
8,700.00	6,947.43	8,804.37	7,153.09	31.57	29.96	-97.36	-952.24	-875.84	1,603.89	1,542.33	61.56	26.053		
8,800.00	6,945.02	8,904.38	7,149.43	32.94	31.26	-97.31	-952.87	-975.76	1,604.58	1,540.36	64.21	24.988		
8,900.00	6,942.62	9,004.39	7,145.78	34.34	32.59	-97.26	-953.50	-1,075.68	1,605.27	1,538.34	66.93	23.986		
9,000.00	6,940.21	9,104.40	7,142.13	35.76	33.96	-97.22	-954.13	-1,175.60	1,605.95	1,536.26	69.69	23.043		
9,100.00	6,937.80	9,204.41	7,138.48	37.21	35.35	-97.17	-954.75	-1,275.52	1,606.64	1,534.14	72.51	22.158		
9,200.00	6,935.40	9,304.42	7,134.83	38.67	36.76	-97.12	-955.38	-1,375.44	1,607.34	1,531.97	75.37	21.327		
9,300.00	6,932.99	9,404.43	7,131.18	40.14	38.19	-97.07	-956.01	-1,475.36	1,608.03	1,529.76	78.26	20.546		
9,400.00	6,930.58	9,504.45	7,127.52	41.64	39.64	-97.02	-956.64	-1,575.28	1,608.72	1,527.53	81.20	19.813		
9,500.00	6,928.18	9,604.46	7,123.87	43.14	41.11	-96.98	-957.26	-1,675.20	1,609.42	1,525.26	84.16	19.124		
9,600.00	6,925.77	9,704.47	7,120.22	44.66	42.59	-96.93	-957.89	-1,775.12	1,610.11	1,522.96	87.15	18.476		
9,700.00	6,923.37	9,804.48	7,116.57	46.18	44.09	-96.88	-958.52	-1,875.04	1,610.81	1,520.65	90.16	17.866		
9,800.00	6,920.96	9,904.49	7,112.92	47.72	45.59	-96.83	-959.15	-1,974.96	1,611.50	1,518.31	93.20	17.291		
9,900.00	6,918.55	10,004.50	7,109.26	49.27	47.11	-96.79	-959.77	-2,074.88	1,612.20	1,515.95	96.25	16.749		
10,000.00	6,916.15	10,104.51	7,105.61	50.82	48.64	-96.74	-960.40	-2,174.80	1,612.90	1,513.57	99.33	16.238		
10,100.00	6,913.74	10,195.48	7,101.96	52.38	50.03	-96.69	-961.03	-2,274.72	1,613.60	1,511.32	102.28	15.776		
10,200.00	6,911.33	10,304.54	7,098.31	53.95	51.72	-96.64	-961.65	-2,374.64	1,614.31	1,508.78	105.53	15.297		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	6,908.93	10,404.55	7,094.66	55.52	53.27	-96.60	-962.28	-2,474.56	1,615.01	1,506.36	108.65	14.864		
10,400.00	6,906.52	10,495.44	7,091.00	57.10	54.68	-96.55	-962.91	-2,574.48	1,615.71	1,504.07	111.64	14.472		
10,500.00	6,904.12	10,604.57	7,087.35	58.68	56.39	-96.50	-963.54	-2,674.40	1,616.42	1,501.49	114.93	14.064		
10,600.00	6,901.71	10,704.58	7,083.70	60.27	57.96	-96.45	-964.16	-2,774.32	1,617.13	1,499.04	118.09	13.694		
10,700.00	6,899.30	10,804.59	7,080.05	61.87	59.54	-96.41	-964.79	-2,874.24	1,617.83	1,496.58	121.26	13.342		
10,800.00	6,896.90	10,904.60	7,076.40	63.46	61.12	-96.36	-965.42	-2,974.16	1,618.54	1,494.11	124.43	13.007		
10,900.00	6,894.49	11,004.62	7,072.75	65.06	62.71	-96.31	-966.05	-3,074.08	1,619.25	1,491.63	127.62	12.688		
11,000.00	6,892.08	11,104.63	7,069.09	66.67	64.30	-96.27	-966.67	-3,174.00	1,619.96	1,489.15	130.81	12.384		
11,100.00	6,889.68	11,204.64	7,065.44	68.28	65.89	-96.22	-967.30	-3,273.92	1,620.67	1,486.66	134.01	12.093		
11,200.00	6,887.27	11,304.65	7,061.79	69.89	67.49	-96.17	-967.93	-3,373.84	1,621.39	1,484.17	137.22	11.816		
11,300.00	6,884.87	11,404.66	7,058.14	71.50	69.09	-96.12	-968.56	-3,473.76	1,622.10	1,481.67	140.44	11.551		
11,400.00	6,882.46	11,504.67	7,054.49	73.12	70.69	-96.08	-969.18	-3,573.68	1,622.82	1,479.16	143.66	11.297		
11,500.00	6,880.05	11,604.68	7,050.83	74.74	72.30	-96.03	-969.81	-3,673.60	1,623.53	1,476.65	146.88	11.053		
11,600.00	6,877.65	11,704.70	7,047.18	76.36	73.91	-95.98	-970.44	-3,773.52	1,624.25	1,474.14	150.11	10.820		
11,700.00	6,875.24	11,804.71	7,043.53	77.98	75.52	-95.94	-971.07	-3,873.44	1,624.97	1,471.62	153.35	10.596		
11,800.00	6,872.83	11,904.72	7,039.88	79.61	77.14	-95.89	-971.69	-3,973.36	1,625.69	1,469.10	156.59	10.382		
11,900.00	6,870.43	12,004.73	7,036.23	81.23	78.75	-95.84	-972.32	-4,073.28	1,626.41	1,466.57	159.84	10.175		
12,000.00	6,868.02	12,104.74	7,032.58	82.86	80.37	-95.80	-972.95	-4,173.20	1,627.13	1,464.04	163.09	9.977		
12,100.00	6,865.62	12,204.75	7,028.92	84.49	81.99	-95.75	-973.57	-4,273.12	1,627.85	1,461.51	166.34	9.786		
12,200.00	6,863.21	12,304.76	7,025.27	86.13	83.62	-95.70	-974.20	-4,373.04	1,628.58	1,458.98	169.60	9.603		
12,300.00	6,860.80	12,404.78	7,021.62	87.76	85.24	-95.66	-974.83	-4,472.96	1,629.30	1,456.44	172.86	9.426		
12,400.00	6,858.40	12,504.79	7,017.97	89.40	86.87	-95.61	-975.46	-4,572.88	1,630.03	1,453.91	176.12	9.255		
12,500.00	6,855.99	12,604.80	7,014.32	91.03	88.50	-95.56	-976.08	-4,672.80	1,630.76	1,451.37	179.39	9.091		
12,600.00	6,853.58	12,704.81	7,010.66	92.67	90.13	-95.52	-976.71	-4,772.72	1,631.48	1,448.82	182.66	8.932		
12,700.00	6,851.18	12,804.82	7,007.01	94.31	91.76	-95.47	-977.34	-4,872.64	1,632.21	1,446.28	185.94	8.778		
12,800.00	6,848.77	12,904.83	7,003.36	95.95	93.39	-95.42	-977.97	-4,972.56	1,632.94	1,443.73	189.21	8.630		
12,900.00	6,846.36	13,004.84	6,999.71	97.59	95.03	-95.38	-978.59	-5,072.48	1,633.68	1,441.19	192.49	8.487		
13,000.00	6,843.96	13,104.86	6,996.06	99.23	96.66	-95.33	-979.22	-5,172.40	1,634.41	1,438.64	195.77	8.349		
13,100.00	6,841.55	13,204.87	6,992.41	100.88	98.30	-95.28	-979.85	-5,272.32	1,635.14	1,436.09	199.05	8.215		
13,200.00	6,839.15	13,304.88	6,988.75	102.52	99.94	-95.24	-980.48	-5,372.24	1,635.88	1,433.54	202.34	8.085		
13,300.00	6,836.74	13,404.89	6,985.10	104.17	101.57	-95.19	-981.10	-5,472.16	1,636.61	1,430.98	205.63	7.959		
13,400.00	6,834.33	13,504.90	6,981.45	105.81	103.21	-95.15	-981.73	-5,572.08	1,637.35	1,428.43	208.92	7.837		
13,500.00	6,831.93	13,604.91	6,977.80	107.46	104.85	-95.10	-982.36	-5,672.00	1,638.09	1,425.88	212.21	7.719		
13,600.00	6,829.52	13,704.92	6,974.15	109.11	106.50	-95.05	-982.98	-5,771.92	1,638.83	1,423.32	215.50	7.605		
13,700.00	6,827.11	13,804.94	6,970.49	110.75	108.14	-95.01	-983.61	-5,871.84	1,639.57	1,420.77	218.80	7.493		
13,800.00	6,824.71	13,904.95	6,966.84	112.40	109.78	-94.96	-984.24	-5,971.76	1,640.31	1,418.21	222.10	7.386		
13,900.00	6,822.30	14,004.96	6,963.19	114.05	111.43	-94.92	-984.87	-6,071.68	1,641.05	1,415.65	225.40	7.281		
14,000.00	6,819.90	14,104.97	6,959.54	115.70	113.07	-94.87	-985.49	-6,171.60	1,641.79	1,413.09	228.70	7.179		
14,100.00	6,817.49	14,204.98	6,955.89	117.35	114.72	-94.82	-986.12	-6,271.52	1,642.54	1,410.54	232.00	7.080		
14,200.00	6,815.08	14,304.99	6,952.24	119.01	116.36	-94.78	-986.75	-6,371.44	1,643.28	1,407.98	235.30	6.984		
14,300.00	6,812.68	14,405.00	6,948.58	120.66	118.01	-94.73	-987.38	-6,471.36	1,644.03	1,405.42	238.61	6.890		
14,400.00	6,810.27	14,505.02	6,944.93	122.31	119.66	-94.69	-988.00	-6,571.28	1,644.77	1,402.86	241.91	6.799		
14,500.00	6,807.86	14,605.03	6,941.28	123.96	121.31	-94.64	-988.63	-6,671.20	1,645.52	1,400.30	245.22	6.710		
14,600.00	6,805.46	14,705.04	6,937.63	125.62	122.96	-94.60	-989.26	-6,771.12	1,646.27	1,397.74	248.53	6.624		
14,700.00	6,803.05	14,805.05	6,933.98	127.27	124.61	-94.55	-989.89	-6,871.04	1,647.02	1,395.18	251.84	6.540		
14,800.00	6,800.65	14,905.06	6,930.32	128.93	126.26	-94.50	-990.51	-6,970.96	1,647.77	1,392.62	255.15	6.458		
14,900.00	6,798.24	15,005.07	6,926.67	130.58	127.91	-94.46	-991.14	-7,070.88	1,648.53	1,390.06	258.46	6.378		
15,000.00	6,795.83	15,105.08	6,923.02	132.24	129.56	-94.41	-991.77	-7,170.80	1,649.28	1,387.50	261.78	6.300		
15,100.00	6,793.43	15,205.10	6,919.37	133.89	131.21	-94.37	-992.40	-7,270.72	1,650.03	1,384.94	265.09	6.224		
15,200.00	6,791.02	15,305.11	6,915.72	135.55	132.86	-94.32	-993.02	-7,370.64	1,650.79	1,382.38	268.41	6.150		
15,300.00	6,788.61	15,405.12	6,912.06	137.21	134.51	-94.28	-993.65	-7,470.56	1,651.55	1,379.83	271.72	6.078		
15,383.95	6,786.59	15,469.28	6,909.35	138.60	135.57	-94.24	-994.12	-7,544.90	1,652.21	1,378.04	274.17	6.026 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.82	3.30	-1,059.90	1,059.91				
100.00	100.00	100.00	100.00	3.28	3.28	-89.82	3.30	-1,059.90	1,059.91	1,052.38	7.53	140.780	
200.00	200.00	200.00	200.00	3.31	3.31	-89.82	3.30	-1,059.90	1,059.91	1,052.34	7.57	139.943	
300.00	300.00	340.35	340.30	3.35	3.37	-150.57	1.14	-1,057.24	1,058.38	1,050.71	7.68	137.862	
400.00	399.93	480.12	479.67	3.42	3.48	-151.07	-5.32	-1,049.28	1,055.74	1,047.91	7.83	134.810	
500.00	499.68	618.75	617.26	3.51	3.64	-151.94	-15.95	-1,036.18	1,052.48	1,044.43	8.05	130.753	
600.00	599.13	751.62	748.22	3.62	3.86	-153.12	-30.04	-1,018.81	1,048.85	1,040.52	8.33	125.843	
697.61	695.79	847.50	842.40	3.76	4.07	-154.11	-41.38	-1,004.83	1,047.20	1,038.55	8.64	121.159 CC	
700.00	698.15	849.84	844.70	3.76	4.07	-154.14	-41.66	-1,004.49	1,047.20	1,038.55	8.65	121.046 ES	
800.00	796.63	947.76	940.88	3.94	4.31	-155.20	-53.24	-990.21	1,049.05	1,040.03	9.02	116.321	
900.00	894.70	1,045.44	1,036.82	4.15	4.57	-156.32	-64.79	-975.97	1,053.32	1,043.89	9.43	111.684	
1,000.00	992.76	1,143.11	1,132.75	4.40	4.86	-157.43	-76.34	-961.73	1,058.05	1,048.17	9.88	107.085	
1,100.00	1,090.82	1,240.78	1,228.68	4.66	5.15	-158.53	-87.90	-947.50	1,063.19	1,052.83	10.36	102.598	
1,200.00	1,188.88	1,338.44	1,324.61	4.95	5.46	-159.62	-99.45	-933.26	1,068.74	1,057.87	10.87	98.307	
1,300.00	1,286.94	1,436.11	1,420.55	5.25	5.79	-160.70	-111.00	-919.02	1,074.69	1,063.28	11.41	94.214	
1,400.00	1,385.00	1,533.78	1,516.48	5.56	6.12	-161.77	-122.55	-904.78	1,081.03	1,069.07	11.96	90.366	
1,500.00	1,483.07	1,631.45	1,612.41	5.89	6.46	-162.83	-134.10	-890.54	1,087.76	1,075.22	12.54	86.764	
1,600.00	1,581.13	1,729.12	1,708.34	6.23	6.81	-163.87	-145.65	-876.30	1,094.87	1,081.74	13.13	83.404	
1,700.00	1,679.19	1,826.79	1,804.28	6.57	7.12	-164.90	-157.21	-862.07	1,102.35	1,088.83	13.52	81.551	
1,800.00	1,777.25	1,924.46	1,900.21	6.92	7.27	-165.92	-168.76	-847.83	1,110.19	1,096.25	13.94	79.633	
1,900.00	1,875.31	2,022.13	1,996.14	7.11	7.32	-166.92	-180.31	-833.59	1,118.40	1,104.47	13.93	80.291	
2,000.00	1,973.37	2,119.80	2,092.08	7.16	7.38	-167.91	-191.86	-819.35	1,126.95	1,112.93	14.02	80.401	
2,100.00	2,071.43	2,217.47	2,188.01	7.22	7.46	-168.89	-203.41	-805.11	1,135.84	1,121.70	14.14	80.348	
2,200.00	2,169.50	2,315.14	2,283.94	7.30	7.56	-169.85	-214.96	-790.87	1,145.06	1,130.78	14.29	80.138	
2,300.00	2,267.56	2,412.80	2,379.87	7.39	7.67	-170.79	-226.51	-776.64	1,154.62	1,140.14	14.47	79.783	
2,400.00	2,365.62	2,510.47	2,475.81	7.50	7.79	-171.72	-238.07	-762.40	1,164.48	1,149.80	14.69	79.296	
2,500.00	2,463.68	2,608.14	2,571.74	7.63	7.93	-172.63	-249.62	-748.16	1,174.66	1,159.74	14.93	78.696	
2,600.00	2,561.74	2,705.81	2,667.67	7.77	8.08	-173.53	-261.17	-733.92	1,185.14	1,169.94	15.20	77.983	
2,700.00	2,659.80	2,803.48	2,763.60	7.92	8.25	-174.41	-272.72	-719.68	1,195.92	1,180.42	15.49	77.191	
2,800.00	2,757.86	2,901.15	2,859.54	8.08	8.42	-175.28	-284.27	-705.44	1,206.97	1,191.16	15.81	76.323	
2,900.00	2,855.93	2,998.82	2,955.47	8.26	8.61	-176.13	-295.82	-691.21	1,218.31	1,202.15	16.16	75.399	
3,000.00	2,953.99	3,103.51	3,051.40	8.45	8.82	-176.97	-307.38	-676.97	1,229.92	1,213.38	16.54	74.366	
3,100.00	3,052.05	3,205.84	3,147.33	8.64	9.04	-177.79	-318.93	-662.73	1,241.79	1,224.85	16.94	73.323	
3,200.00	3,150.11	3,291.83	3,243.27	8.85	9.23	-178.60	-330.48	-648.49	1,253.91	1,236.59	17.32	72.412	
3,300.00	3,248.17	3,389.50	3,339.20	9.07	9.45	-179.39	-342.03	-634.25	1,266.28	1,248.54	17.74	71.381	
3,400.00	3,346.23	3,487.16	3,435.13	9.29	9.68	-179.83	-353.58	-620.02	1,278.89	1,260.72	18.18	70.348	
3,500.00	3,444.29	3,584.83	3,531.07	9.52	9.92	-179.07	-365.13	-605.78	1,291.74	1,273.11	18.63	69.319	
3,600.00	3,542.36	3,682.50	3,627.00	9.76	10.16	-178.33	-376.68	-591.54	1,304.81	1,285.71	19.10	68.300	
3,700.00	3,640.42	3,780.17	3,722.93	10.01	10.41	-177.59	-388.24	-577.30	1,318.11	1,298.52	19.59	67.295	
3,800.00	3,738.48	3,877.84	3,818.86	10.26	10.67	-176.88	-399.79	-563.06	1,331.61	1,311.53	20.08	66.309	
3,900.00	3,836.54	3,975.51	3,914.80	10.52	10.93	-176.17	-411.34	-548.82	1,345.33	1,324.74	20.59	65.344	
4,000.00	3,934.60	4,073.18	4,010.73	10.78	11.20	-175.48	-422.89	-534.59	1,359.24	1,338.13	21.11	64.403	
4,100.00	4,032.66	4,170.85	4,106.66	11.05	11.47	-174.81	-434.44	-520.35	1,373.35	1,351.72	21.63	63.487	
4,200.00	4,130.73	4,268.52	4,202.59	11.32	11.74	-174.14	-445.99	-506.11	1,387.64	1,365.48	22.17	62.598	
4,300.00	4,228.79	4,366.19	4,298.53	11.60	12.02	-173.49	-457.55	-491.87	1,402.12	1,379.41	22.71	61.735	
4,400.00	4,326.85	4,463.86	4,394.46	11.88	12.31	-172.86	-469.10	-477.63	1,416.78	1,393.52	23.26	60.900	
4,500.00	4,424.91	4,561.52	4,490.39	12.16	12.59	-172.23	-480.65	-463.39	1,431.61	1,407.79	23.82	60.093	
4,600.00	4,522.97	4,659.19	4,586.33	12.45	12.89	-171.62	-492.20	-449.16	1,446.61	1,422.22	24.39	59.312	
4,700.00	4,621.03	4,756.86	4,682.26	12.74	13.18	-171.03	-503.75	-434.92	1,461.76	1,436.80	24.96	58.559	
4,800.00	4,719.09	4,854.53	4,778.19	13.04	13.47	-170.44	-515.30	-420.68	1,477.08	1,451.53	25.54	57.833	
4,900.00	4,817.16	4,952.20	4,874.12	13.33	13.77	-169.86	-526.85	-406.44	1,492.54	1,466.42	26.12	57.132	
5,000.00	4,915.22	5,049.87	4,970.06	13.63	14.07	-169.30	-538.41	-392.20	1,508.15	1,481.44	26.71	56.457	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,013.28	5,147.54	5,065.99	13.94	14.38	168.75	-549.96	-377.96	1,523.91	1,496.60	27.31	55.807	
5,200.00	5,111.34	5,245.21	5,161.92	14.24	14.68	168.21	-561.51	-363.73	1,539.80	1,511.89	27.91	55.180	
5,300.00	5,209.40	5,342.88	5,257.85	14.55	14.99	167.68	-573.06	-349.49	1,555.82	1,527.32	28.51	54.576	
5,400.00	5,307.46	5,440.55	5,353.79	14.86	15.30	167.16	-584.61	-335.25	1,571.98	1,542.87	29.11	53.995	
5,500.00	5,405.52	5,538.22	5,449.72	15.17	15.61	166.65	-596.16	-321.01	1,588.26	1,558.54	29.72	53.434	
5,600.00	5,503.59	5,635.88	5,545.65	15.48	15.93	166.15	-607.72	-306.77	1,604.66	1,574.33	30.34	52.895	
5,700.00	5,601.65	5,733.55	5,641.58	15.79	16.24	165.66	-619.27	-292.53	1,621.18	1,590.23	30.95	52.375	
5,800.00	5,699.71	5,831.22	5,737.52	16.11	16.56	165.18	-630.82	-278.30	1,637.82	1,606.25	31.57	51.874	
5,900.00	5,797.77	5,928.89	5,833.45	16.43	16.88	164.71	-642.37	-264.06	1,654.57	1,622.37	32.20	51.391	
6,000.00	5,895.83	6,026.56	5,929.38	16.74	17.19	164.25	-653.92	-249.82	1,671.42	1,638.60	32.82	50.926	
6,100.00	5,993.89	6,124.23	6,025.32	17.06	17.51	163.80	-665.47	-235.58	1,688.38	1,654.94	33.45	50.477	
6,200.00	6,091.95	6,221.90	6,121.25	17.39	17.84	163.36	-677.02	-221.34	1,705.45	1,671.37	34.08	50.044	
6,300.00	6,190.02	6,319.57	6,217.18	17.71	18.16	162.93	-688.58	-207.11	1,722.61	1,687.89	34.71	49.627	
6,400.00	6,288.39	6,404.44	6,308.69	17.99	32.02	140.90	-815.98	1,010.32	1,716.66	1,673.64	43.02	39.907	
6,500.00	6,387.80	6,503.93	6,408.69	18.17	32.02	-147.59	-815.98	1,010.84	1,667.68	1,623.61	44.07	37.838	
6,600.00	6,486.12	6,602.95	6,508.75	18.29	31.73	-120.28	-816.04	995.71	1,623.99	1,579.18	44.82	36.236	
6,700.00	6,580.94	6,702.57	6,608.89	18.34	31.35	-113.82	-816.18	965.33	1,586.71	1,541.34	45.37	34.974	
6,800.00	6,669.91	6,805.67	6,709.10	18.34	30.79	-111.21	-816.37	920.44	1,556.38	1,510.77	45.62	34.118	
6,900.00	6,750.85	6,887.37	6,803.37	18.32	30.09	-109.45	-816.63	862.14	1,532.96	1,487.38	45.59	33.628	
7,000.00	6,821.76	6,971.10	6,909.69	18.29	29.26	-107.82	-816.93	791.87	1,515.91	1,470.61	45.30	33.463	
7,100.00	6,880.90	7,003.42	6,910.06	18.28	28.42	-106.25	-817.29	711.35	1,504.33	1,459.42	44.90	33.501	
7,200.00	6,926.81	7,097.81	7,010.47	18.34	27.37	-104.83	-817.67	622.58	1,497.14	1,452.89	44.25	33.830	
7,300.00	6,958.36	7,129.97	7,031.91	18.50	26.40	-103.73	-818.09	527.74	1,493.33	1,449.68	43.66	34.207	
7,400.00	6,974.77	7,141.18	7,048.27	18.78	23.09	-98.75	-808.24	173.16	1,484.60	1,443.13	41.47	35.798	
7,500.00	6,976.30	7,190.66	7,050.69	19.17	21.43	-93.30	-788.66	-9.83	1,464.25	1,423.88	40.37	36.271	
7,600.00	6,973.90	7,063.33	6,941.72	19.72	20.76	-88.98	-775.72	-74.00	1,442.58	1,402.47	40.11	35.963	
7,700.00	6,971.49	6,993.18	6,876.91	20.41	20.45	-86.36	-767.98	-99.62	1,424.57	1,384.30	40.27	35.377	
7,800.00	6,969.09	6,949.75	6,835.54	21.20	20.28	-84.68	-763.02	-111.82	1,412.06	1,371.42	40.64	34.743	
7,900.00	6,966.68	6,920.47	6,807.22	22.09	20.17	-83.52	-759.62	-118.43	1,405.87	1,364.72	41.15	34.164	
7,942.71	6,965.65	6,910.71	6,797.72	22.51	20.14	-83.13	-758.48	-120.34	1,405.25	1,363.85	41.40	33.944	
8,000.00	6,964.27	6,899.47	6,786.75	23.07	20.10	-82.69	-757.16	-122.36	1,406.37	1,364.65	41.72	33.708	
8,100.00	6,961.87	6,883.82	6,771.40	24.13	20.04	-82.06	-755.31	-124.85	1,413.71	1,371.38	42.33	33.399	
8,200.00	6,959.46	6,866.86	6,754.74	25.25	19.99	-81.38	-753.31	-127.32	1,427.83	1,384.92	42.91	33.276 SF	
8,300.00	6,957.05	6,849.89	6,738.08	26.42	19.93	-80.70	-751.30	-129.79	1,448.54	1,405.08	43.46	33.331	
8,400.00	6,954.65	6,832.93	6,721.42	27.65	19.87	-80.02	-749.29	-132.27	1,475.56	1,431.59	43.97	33.558	
8,500.00	6,952.24	6,815.97	6,704.75	28.92	19.82	-79.34	-747.29	-134.74	1,508.54	1,464.10	44.44	33.949	
8,600.00	6,949.83	6,801.00	6,688.09	30.23	19.77	-78.66	-745.28	-137.21	1,547.10	1,502.24	44.86	34.490	
8,700.00	6,947.43	6,782.04	6,671.43	31.57	19.70	-77.98	-743.27	-139.69	1,590.84	1,545.63	45.22	35.181	
8,800.00	6,945.02	6,765.07	6,654.77	32.94	19.64	-77.31	-741.27	-142.16	1,639.35	1,593.81	45.54	35.999	
8,900.00	6,942.62	6,748.11	6,638.11	34.34	19.59	-76.63	-739.26	-144.63	1,692.21	1,646.40	45.82	36.935	
9,000.00	6,940.21	6,731.15	6,621.44	35.76	19.53	-75.96	-737.25	-147.10	1,749.03	1,702.98	46.05	37.979	
9,100.00	6,937.80	6,714.18	6,604.78	37.21	19.47	-75.29	-735.25	-149.58	1,809.44	1,763.19	46.25	39.120	
9,200.00	6,935.40	6,702.78	6,588.12	38.67	19.44	-74.62	-733.24	-152.05	1,873.09	1,826.65	46.44	40.333	
9,300.00	6,932.99	6,680.25	6,571.46	40.14	19.36	-73.96	-731.24	-154.52	1,939.66	1,893.09	46.57	41.653	
9,400.00	6,930.58	6,663.29	6,554.79	41.64	19.30	-73.29	-729.23	-157.00	2,008.86	1,962.17	46.69	43.029	
9,500.00	6,928.18	6,646.33	6,538.13	43.14	19.25	-72.63	-727.22	-159.47	2,080.43	2,033.64	46.79	44.467	
9,600.00	6,925.77	6,629.36	6,521.47	44.66	19.19	-71.98	-725.22	-161.94	2,154.13	2,107.26	46.87	45.961	
9,700.00	6,923.37	6,612.40	6,504.81	46.18	19.13	-71.32	-723.21	-164.42	2,229.75	2,182.81	46.94	47.505	
9,800.00	6,920.96	6,604.57	6,488.14	47.72	19.11	-70.67	-721.20	-166.89	2,307.10	2,260.08	47.02	49.065	
9,900.00	6,918.55	6,578.47	6,471.48	49.27	19.02	-70.02	-719.20	-169.36	2,386.01	2,338.97	47.04	50.722	
10,000.00	6,916.15	6,561.51	6,454.82	50.82	18.96	-69.38	-717.19	-171.83	2,466.34	2,419.26	47.08	52.386	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.84	2.94	-1,039.86	1,039.86				
100.00	100.00	100.00	100.00	3.28	3.28	-89.84	2.94	-1,039.86	1,039.86	1,032.33	7.53	138.117	
200.00	200.00	200.00	200.00	3.31	3.31	-89.84	2.94	-1,039.86	1,039.86	1,032.29	7.57	137.296	
300.00	300.00	333.75	333.70	3.35	3.36	-150.59	0.69	-1,037.69	1,038.62	1,030.94	7.67	135.348	
400.00	399.93	466.95	466.56	3.42	3.46	-151.10	-6.00	-1,031.23	1,036.82	1,029.00	7.82	132.537	
500.00	499.68	599.03	597.74	3.51	3.61	-151.98	-17.02	-1,020.59	1,034.98	1,026.95	8.03	128.835	
600.00	599.13	729.45	726.45	3.62	3.82	-153.20	-32.16	-1,005.97	1,033.33	1,025.02	8.32	124.239	
691.98	690.23	838.66	833.41	3.75	4.05	-154.49	-47.96	-990.71	1,032.38	1,023.74	8.64	119.549 CC	
700.00	698.15	846.47	841.05	3.76	4.07	-154.59	-49.15	-989.56	1,032.39	1,023.73	8.66	119.160 ES	
800.00	796.63	943.65	936.03	3.94	4.32	-155.84	-63.92	-975.30	1,034.53	1,025.48	9.05	114.324	
900.00	894.70	1,040.54	1,030.74	4.15	4.60	-157.14	-78.65	-961.08	1,039.25	1,029.76	9.48	109.584	
1,000.00	992.76	1,137.43	1,125.44	4.40	4.90	-158.43	-93.38	-946.85	1,044.57	1,034.61	9.96	104.900	
1,100.00	1,090.82	1,234.32	1,220.14	4.66	5.22	-159.71	-108.11	-932.63	1,050.45	1,039.98	10.47	100.351	
1,200.00	1,188.88	1,331.21	1,314.84	4.95	5.55	-160.97	-122.84	-918.41	1,056.87	1,045.86	11.01	96.022	
1,300.00	1,286.94	1,428.10	1,409.54	5.25	5.90	-162.22	-137.57	-904.19	1,063.83	1,052.26	11.57	91.921	
1,400.00	1,385.00	1,524.99	1,504.25	5.56	6.26	-163.45	-152.30	-889.96	1,071.32	1,059.15	12.16	88.087	
1,500.00	1,483.07	1,621.88	1,598.95	5.89	6.62	-164.67	-167.03	-875.74	1,079.32	1,066.55	12.77	84.521	
1,600.00	1,581.13	1,718.77	1,693.65	6.23	7.00	-165.87	-181.76	-861.52	1,087.82	1,074.43	13.39	81.214	
1,700.00	1,679.19	1,815.66	1,788.35	6.57	7.35	-167.05	-196.49	-847.29	1,096.82	1,082.82	14.01	78.308	
1,800.00	1,777.25	1,912.55	1,883.06	6.92	7.54	-168.21	-211.22	-833.07	1,106.30	1,092.01	14.30	77.386	
1,900.00	1,875.31	2,009.45	1,977.76	7.11	7.59	-169.35	-225.95	-818.85	1,116.25	1,101.96	14.29	78.100	
2,000.00	1,973.37	2,106.34	2,072.46	7.16	7.65	-170.48	-240.68	-804.63	1,126.65	1,112.26	14.39	78.307	
2,100.00	2,071.43	2,203.23	2,167.16	7.22	7.74	-171.58	-255.40	-790.40	1,137.50	1,122.98	14.52	78.349	
2,200.00	2,169.50	2,300.12	2,261.86	7.30	7.84	-172.67	-270.13	-776.18	1,148.77	1,134.09	14.68	78.251	
2,300.00	2,267.56	2,402.99	2,356.57	7.39	7.97	-173.73	-284.86	-761.96	1,160.47	1,145.59	14.88	77.974	
2,400.00	2,365.62	2,506.10	2,451.27	7.50	8.11	-174.77	-299.59	-747.73	1,172.57	1,157.45	15.12	77.563	
2,500.00	2,463.68	2,609.21	2,545.97	7.63	8.27	-175.79	-314.32	-733.51	1,185.06	1,169.68	15.38	77.034	
2,600.00	2,561.74	2,687.68	2,640.67	7.77	8.40	-176.79	-329.05	-719.29	1,197.94	1,182.30	15.64	76.612	
2,700.00	2,659.80	2,784.57	2,735.38	7.92	8.58	-177.77	-343.78	-705.07	1,211.18	1,195.23	15.94	75.961	
2,800.00	2,757.86	2,881.46	2,830.08	8.08	8.76	-178.73	-358.51	-690.84	1,224.78	1,208.50	16.28	75.241	
2,900.00	2,855.93	2,978.35	2,924.78	8.26	8.96	-179.67	-373.24	-676.62	1,238.72	1,222.09	16.63	74.467	
3,000.00	2,953.99	3,075.24	3,019.48	8.45	9.17	179.41	-387.97	-662.40	1,253.00	1,235.99	17.01	73.650	
3,100.00	3,052.05	3,172.13	3,114.19	8.64	9.39	178.51	-402.70	-648.18	1,267.60	1,250.19	17.41	72.801	
3,200.00	3,150.11	3,269.02	3,208.89	8.85	9.61	177.63	-417.43	-633.95	1,282.51	1,264.68	17.83	71.931	
3,300.00	3,248.17	3,365.91	3,303.59	9.07	9.85	176.77	-432.16	-619.73	1,297.73	1,279.46	18.27	71.048	
3,400.00	3,346.23	3,462.80	3,398.29	9.29	10.09	175.93	-446.89	-605.51	1,313.23	1,294.51	18.72	70.160	
3,500.00	3,444.29	3,559.69	3,492.99	9.52	10.34	175.11	-461.62	-591.28	1,329.01	1,309.82	19.18	69.274	
3,600.00	3,542.36	3,656.58	3,587.70	9.76	10.60	174.30	-476.34	-577.06	1,345.06	1,325.40	19.67	68.394	
3,700.00	3,640.42	3,753.47	3,682.40	10.01	10.87	173.52	-491.07	-562.84	1,361.37	1,341.21	20.16	67.525	
3,800.00	3,738.48	3,850.36	3,777.10	10.26	11.14	172.75	-505.80	-548.62	1,377.94	1,357.27	20.67	66.671	
3,900.00	3,836.54	3,947.25	3,871.80	10.52	11.41	172.01	-520.53	-534.39	1,394.74	1,373.56	21.19	65.835	
4,000.00	3,934.60	4,044.14	3,966.51	10.78	11.70	171.28	-535.26	-520.17	1,411.78	1,390.07	21.71	65.018	
4,100.00	4,032.66	4,141.04	4,061.21	11.05	11.98	170.56	-549.99	-505.95	1,429.05	1,406.80	22.25	64.222	
4,200.00	4,130.73	4,237.93	4,155.91	11.32	12.27	169.86	-564.72	-491.73	1,446.53	1,423.73	22.80	63.449	
4,300.00	4,228.79	4,334.82	4,250.61	11.60	12.57	169.18	-579.45	-477.50	1,464.22	1,440.87	23.35	62.698	
4,400.00	4,326.85	4,431.71	4,345.31	11.88	12.86	168.52	-594.18	-463.28	1,482.11	1,458.20	23.92	61.971	
4,500.00	4,424.91	4,528.60	4,440.02	12.16	13.17	167.87	-608.91	-449.06	1,500.20	1,475.72	24.49	61.268	
4,600.00	4,522.97	4,625.49	4,534.72	12.45	13.47	167.23	-623.64	-434.83	1,518.48	1,493.42	25.06	60.588	
4,700.00	4,621.03	4,722.38	4,629.42	12.74	13.78	166.61	-638.37	-420.61	1,536.94	1,511.29	25.64	59.931	
4,800.00	4,719.09	4,819.27	4,724.12	13.04	14.09	166.01	-653.10	-406.39	1,555.57	1,529.33	26.23	59.298	
4,900.00	4,817.16	4,916.16	4,818.83	13.33	14.41	165.42	-667.83	-392.17	1,574.37	1,547.54	26.83	58.687	
5,000.00	4,915.22	5,013.05	4,913.53	13.63	14.72	164.84	-682.56	-377.94	1,593.33	1,565.90	27.43	58.097	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,013.28	5,109.94	5,008.23	13.94	15.04	164.27	-697.29	-363.72	1,612.45	1,584.42	28.03	57.529	
5,200.00	5,111.34	5,206.83	5,102.93	14.24	15.36	163.72	-712.01	-349.50	1,631.72	1,603.08	28.64	56.982	
5,300.00	5,209.40	5,303.72	5,197.63	14.55	15.69	163.18	-726.74	-335.27	1,651.13	1,621.89	29.25	56.455	
5,400.00	5,307.46	5,400.61	5,292.34	14.86	16.01	162.66	-741.47	-321.05	1,670.69	1,640.83	29.86	55.947	
5,500.00	5,405.52	5,502.50	5,387.04	15.17	16.36	162.14	-756.20	-306.83	1,690.38	1,659.89	30.50	55.426	
5,600.00	5,503.59	5,605.61	5,481.74	15.48	16.71	161.64	-770.93	-292.61	1,710.21	1,679.07	31.14	54.918	
5,700.00	5,601.65	5,708.72	5,576.44	15.79	17.06	161.15	-785.66	-278.38	1,730.16	1,698.37	31.79	54.429	
5,800.00	5,699.71	5,788.17	5,671.15	16.11	17.33	160.66	-800.39	-264.16	1,750.23	1,717.88	32.36	54.092	
5,900.00	5,797.77	5,885.06	5,765.85	16.43	17.67	160.19	-815.12	-249.94	1,770.42	1,737.44	32.99	53.670	
6,000.00	5,895.83	5,981.95	5,860.55	16.74	18.00	159.73	-829.85	-235.72	1,790.73	1,757.11	33.62	53.263	
6,100.00	5,993.89	6,078.84	5,955.25	17.06	18.34	159.28	-844.58	-221.49	1,811.15	1,776.89	34.26	52.870	
6,200.00	6,091.95	7,987.77	6,989.42	17.39	31.62	124.09	-1,004.90	974.47	1,791.22	1,747.96	43.26	41.407	
6,300.00	6,190.02	8,004.33	6,989.33	17.71	31.83	123.52	-1,004.88	991.04	1,752.65	1,708.11	44.53	39.355	
6,400.00	6,288.39	8,018.68	6,989.26	17.99	32.01	139.79	-1,004.86	1,005.39	1,718.79	1,673.05	45.74	37.581	
6,500.00	6,387.80	8,019.09	6,989.25	18.17	32.01	-146.36	-1,004.86	1,005.80	1,689.88	1,643.23	46.65	36.224	
6,600.00	6,486.12	8,003.87	6,989.33	18.29	31.82	-116.87	-1,004.88	990.58	1,666.81	1,619.57	47.24	35.284	
6,700.00	6,580.94	7,973.40	6,989.50	18.34	31.44	-108.45	-1,004.92	960.10	1,649.98	1,602.49	47.49	34.743	
6,800.00	6,669.91	7,928.41	6,989.73	18.34	30.89	-104.10	-1,004.98	915.12	1,639.16	1,591.76	47.40	34.582 SF	
6,900.00	6,750.85	7,870.03	6,990.04	18.32	30.19	-100.82	-1,005.06	856.73	1,633.61	1,586.61	47.01	34.753	
6,994.09	6,817.88	7,804.14	6,990.39	18.29	29.41	-98.09	-1,005.15	790.85	1,632.17	1,585.75	46.42	35.162	
7,000.00	6,821.76	7,800.32	6,990.42	18.29	29.37	-97.92	-1,005.15	786.39	1,632.17	1,585.79	46.38	35.189	
7,100.00	6,880.90	7,719.11	6,990.84	18.28	28.46	-95.33	-1,005.26	705.82	1,633.47	1,587.87	45.60	35.821	
7,200.00	6,926.81	7,630.29	6,991.31	18.34	27.50	-93.15	-1,005.38	617.00	1,636.10	1,591.34	44.77	36.548	
7,300.00	6,958.36	7,535.41	6,991.82	18.50	26.54	-91.56	-1,005.50	522.12	1,638.86	1,594.90	43.96	37.284	
7,400.00	6,974.77	7,391.39	6,983.43	18.78	25.18	-90.24	-1,004.27	378.58	1,639.94	1,597.04	42.90	38.231	
7,500.00	6,976.30	7,234.26	6,939.33	19.17	23.84	-88.78	-997.48	228.34	1,636.25	1,594.34	41.91	39.041	
7,600.00	6,973.90	7,102.33	6,875.15	19.72	22.84	-86.61	-987.55	113.77	1,630.04	1,588.73	41.31	39.456	
7,700.00	6,971.49	6,999.06	6,809.44	20.41	22.14	-84.34	-977.37	34.90	1,623.95	1,582.87	41.07	39.540	
7,800.00	6,969.09	6,919.91	6,751.04	21.20	21.66	-82.29	-968.31	-17.68	1,619.91	1,578.80	41.10	39.410	
7,866.42	6,967.49	6,877.78	6,717.46	21.79	21.42	-81.11	-963.09	-42.56	1,619.05	1,577.80	41.25	39.252	
7,900.00	6,966.68	6,859.05	6,702.02	22.09	21.32	-80.57	-960.70	-52.88	1,619.28	1,577.95	41.33	39.177	
8,000.00	6,964.27	6,811.61	6,661.63	23.07	21.07	-79.15	-954.42	-76.94	1,622.96	1,581.25	41.71	38.914	
8,100.00	6,961.87	6,773.98	6,628.40	24.13	20.88	-77.97	-949.26	-93.82	1,631.47	1,589.29	42.18	38.678	
8,200.00	6,959.46	6,743.59	6,600.89	25.25	20.74	-77.00	-944.99	-105.99	1,645.11	1,602.39	42.72	38.511	
8,300.00	6,957.05	6,718.65	6,577.89	26.42	20.63	-76.19	-941.41	-114.97	1,663.99	1,620.69	43.29	38.436	
8,400.00	6,954.65	6,700.00	6,560.49	27.65	20.55	-75.58	-938.71	-121.08	1,688.09	1,644.21	43.89	38.463	
8,500.00	6,952.24	6,680.32	6,541.93	28.92	20.47	-74.93	-935.82	-126.97	1,717.32	1,672.86	44.46	38.626	
8,600.00	6,949.83	6,665.33	6,527.68	30.23	20.41	-74.43	-933.61	-131.07	1,751.48	1,706.46	45.02	38.901	
8,700.00	6,947.43	6,650.00	6,513.02	31.57	20.35	-73.91	-931.33	-134.91	1,790.37	1,744.82	45.55	39.306	
8,800.00	6,945.02	6,650.00	6,513.02	32.94	20.35	-73.91	-931.33	-134.91	1,833.76	1,787.66	46.11	39.773	
8,900.00	6,942.62	6,631.20	6,494.92	34.34	20.28	-73.28	-928.51	-139.12	1,881.24	1,834.70	46.54	40.425	
9,000.00	6,940.21	6,622.43	6,486.43	35.76	20.25	-72.98	-927.19	-140.90	1,932.66	1,885.69	46.97	41.148	
9,100.00	6,937.80	6,614.61	6,478.85	37.21	20.22	-72.72	-926.01	-142.39	1,987.69	1,940.33	47.36	41.967	
9,200.00	6,935.40	6,600.00	6,464.63	38.67	20.17	-72.22	-923.80	-144.92	2,046.10	1,998.41	47.69	42.903	
9,300.00	6,932.99	6,600.00	6,464.63	40.14	20.17	-72.22	-923.80	-144.92	2,107.50	2,059.46	48.04	43.870	
9,400.00	6,930.58	6,595.57	6,460.30	41.64	20.15	-72.07	-923.13	-145.62	2,171.75	2,123.42	48.34	44.931	
9,500.00	6,928.18	6,590.26	6,455.12	43.14	20.13	-71.89	-922.32	-146.42	2,238.59	2,189.99	48.60	46.065	
9,600.00	6,925.77	6,573.20	6,438.45	44.66	20.07	-71.31	-919.73	-148.92	2,307.74	2,258.94	48.79	47.299	
9,700.00	6,923.37	6,556.14	6,421.77	46.18	20.01	-70.74	-917.14	-151.43	2,378.96	2,329.99	48.96	48.587	
9,800.00	6,920.96	6,539.08	6,405.10	47.72	19.95	-70.16	-914.54	-153.93	2,452.07	2,402.96	49.12	49.925	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.82	3.30	-1,079.67	1,079.68				
100.00	100.00	100.00	100.00	3.28	3.28	-89.82	3.30	-1,079.67	1,079.68	1,072.15	7.53	143.405	
200.00	200.00	200.00	200.00	3.31	3.31	-89.82	3.30	-1,079.67	1,079.68	1,072.10	7.57	142.552	
300.00	300.00	348.57	348.50	3.35	3.37	-150.56	1.39	-1,076.33	1,077.80	1,070.12	7.68	140.311	
400.00	399.93	496.52	495.99	3.42	3.49	-151.03	-4.33	-1,066.37	1,074.12	1,066.28	7.84	136.974	
500.00	499.68	643.31	641.54	3.51	3.68	-151.86	-13.74	-1,049.98	1,069.11	1,061.04	8.07	132.516	
600.00	599.13	767.05	763.42	3.62	3.90	-152.83	-24.36	-1,031.47	1,063.42	1,055.08	8.34	127.464	
700.00	698.15	865.72	860.47	3.76	4.11	-153.70	-33.24	-1,015.99	1,060.44	1,051.79	8.65	122.564	
738.15	735.79	903.32	897.45	3.83	4.20	-154.05	-36.63	-1,010.10	1,060.19	1,051.41	8.78	120.704 CC, ES	
800.00	796.63	964.18	957.30	3.94	4.35	-154.63	-42.11	-1,000.55	1,060.85	1,051.84	9.01	117.747	
900.00	894.70	1,062.44	1,053.94	4.15	4.61	-155.60	-50.95	-985.14	1,063.57	1,054.16	9.41	113.021	
1,000.00	992.76	1,160.70	1,150.58	4.40	4.89	-156.57	-59.80	-969.72	1,066.65	1,056.81	9.85	108.328	
1,100.00	1,090.82	1,258.95	1,247.21	4.66	5.18	-157.53	-68.65	-954.31	1,070.04	1,059.73	10.31	103.746	
1,200.00	1,188.88	1,357.21	1,343.85	4.95	5.49	-158.49	-77.49	-938.90	1,073.75	1,062.94	10.81	99.364	
1,300.00	1,286.94	1,455.47	1,440.49	5.25	5.81	-159.44	-86.34	-923.48	1,077.76	1,066.44	11.33	95.165	
1,400.00	1,385.00	1,553.72	1,537.12	5.56	6.13	-160.39	-95.18	-908.07	1,082.08	1,070.21	11.86	91.212	
1,500.00	1,483.07	1,651.98	1,633.76	5.89	6.47	-161.32	-104.03	-892.66	1,086.70	1,074.28	12.42	87.501	
1,600.00	1,581.13	1,750.23	1,730.39	6.23	6.81	-162.25	-112.87	-877.25	1,091.61	1,078.62	12.99	84.030	
1,700.00	1,679.19	1,848.49	1,827.03	6.57	7.08	-163.17	-121.72	-861.83	1,096.82	1,083.49	13.33	82.272	
1,800.00	1,777.25	1,946.75	1,923.66	6.92	7.20	-164.09	-130.57	-846.42	1,102.32	1,088.60	13.71	80.376	
1,900.00	1,875.31	2,045.00	2,020.30	7.11	7.25	-164.99	-139.41	-831.01	1,108.10	1,094.40	13.70	80.889	
2,000.00	1,973.37	2,143.26	2,116.94	7.16	7.31	-165.88	-148.26	-815.60	1,114.16	1,100.38	13.78	80.836	
2,100.00	2,071.43	2,241.51	2,213.57	7.22	7.39	-166.77	-157.10	-800.18	1,120.50	1,106.60	13.90	80.613	
2,200.00	2,169.50	2,339.77	2,310.21	7.30	7.49	-167.64	-165.95	-784.77	1,127.11	1,113.06	14.05	80.231	
2,300.00	2,267.56	2,438.03	2,406.84	7.39	7.60	-168.51	-174.79	-769.36	1,133.99	1,119.76	14.23	79.700	
2,400.00	2,365.62	2,536.28	2,503.48	7.50	7.73	-169.36	-183.64	-753.94	1,141.12	1,126.68	14.44	79.036	
2,500.00	2,463.68	2,634.54	2,600.11	7.63	7.86	-170.20	-192.49	-738.53	1,148.52	1,133.84	14.68	78.254	
2,600.00	2,561.74	2,732.80	2,696.75	7.77	8.02	-171.04	-201.33	-723.12	1,156.16	1,141.22	14.94	77.372	
2,700.00	2,659.80	2,831.05	2,793.39	7.92	8.18	-171.86	-210.18	-707.71	1,164.06	1,148.82	15.24	76.404	
2,800.00	2,757.86	2,929.31	2,890.02	8.08	8.35	-172.67	-219.02	-692.29	1,172.19	1,156.64	15.55	75.369	
2,900.00	2,855.93	3,027.56	2,986.66	8.26	8.54	-173.47	-227.87	-676.88	1,180.56	1,164.67	15.89	74.281	
3,000.00	2,953.99	3,125.82	3,083.29	8.45	8.73	-174.26	-236.72	-661.47	1,189.16	1,172.91	16.26	73.153	
3,100.00	3,052.05	3,224.08	3,179.93	8.64	8.94	-175.04	-245.56	-646.05	1,197.99	1,181.36	16.64	72.000	
3,200.00	3,150.11	3,322.33	3,276.56	8.85	9.15	-175.80	-254.41	-630.64	1,207.05	1,190.01	17.04	70.831	
3,300.00	3,248.17	3,420.59	3,373.20	9.07	9.37	-176.56	-263.25	-615.23	1,216.32	1,198.85	17.46	69.657	
3,400.00	3,346.23	3,518.84	3,469.84	9.29	9.60	-177.30	-272.10	-599.82	1,225.80	1,207.90	17.90	68.486	
3,500.00	3,444.29	3,617.10	3,566.47	9.52	9.84	-178.04	-280.94	-584.40	1,235.48	1,217.13	18.35	67.325	
3,600.00	3,542.36	3,715.36	3,663.11	9.76	10.08	-178.76	-289.79	-568.99	1,245.37	1,226.56	18.82	66.180	
3,700.00	3,640.42	3,813.61	3,759.74	10.01	10.33	-179.47	-298.64	-553.58	1,255.46	1,236.16	19.30	65.056	
3,800.00	3,738.48	3,911.87	3,856.38	10.26	10.58	-179.83	-307.48	-538.16	1,265.74	1,245.95	19.79	63.955	
3,900.00	3,836.54	4,010.13	3,953.01	10.52	10.84	-179.14	-316.33	-522.75	1,276.21	1,255.92	20.30	62.881	
4,000.00	3,934.60	4,108.38	4,049.65	10.78	11.10	-178.47	-325.17	-507.34	1,286.86	1,266.05	20.81	61.836	
4,100.00	4,032.66	4,206.64	4,146.29	11.05	11.37	-177.80	-334.02	-491.93	1,297.69	1,276.36	21.34	60.822	
4,200.00	4,130.73	4,304.89	4,242.92	11.32	11.64	-177.14	-342.86	-476.51	1,308.70	1,286.83	21.87	59.839	
4,300.00	4,228.79	4,403.15	4,339.56	11.60	11.92	-176.50	-351.71	-461.10	1,319.88	1,297.46	22.41	58.887	
4,400.00	4,326.85	4,501.41	4,436.19	11.88	12.20	-175.87	-360.56	-445.69	1,331.22	1,308.25	22.96	57.968	
4,500.00	4,424.91	4,600.34	4,532.83	12.16	12.49	-175.24	-369.40	-430.27	1,342.72	1,319.19	23.53	57.076	
4,600.00	4,522.97	4,702.08	4,629.46	12.45	12.78	-174.63	-378.25	-414.86	1,354.38	1,330.28	24.10	56.196	
4,700.00	4,621.03	4,803.83	4,726.10	12.74	13.08	-174.03	-387.09	-399.45	1,366.20	1,341.51	24.68	55.348	
4,800.00	4,719.09	4,905.57	4,822.74	13.04	13.39	-173.43	-395.94	-384.04	1,378.16	1,352.89	25.27	54.532	
4,900.00	4,817.16	5,007.31	4,919.37	13.33	13.69	-172.85	-404.78	-368.62	1,390.27	1,364.40	25.87	53.747	
5,000.00	4,915.22	5,090.94	5,016.01	13.63	13.95	-172.28	-413.63	-353.21	1,402.52	1,376.11	26.41	53.101	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	5,013.28	5,189.20	5,112.64	13.94	14.25	171.72	-422.48	-337.80	1,414.91	1,387.90	27.01	52.392	
5,200.00	5,111.34	5,287.45	5,209.28	14.24	14.55	171.16	-431.32	-322.38	1,427.44	1,399.83	27.61	51.709	
5,300.00	5,209.40	5,385.71	5,305.92	14.55	14.85	170.62	-440.17	-306.97	1,440.09	1,411.88	28.21	51.052	
5,400.00	5,307.46	5,483.97	5,402.55	14.86	15.16	170.09	-449.01	-291.56	1,452.88	1,424.06	28.82	50.420	
5,500.00	5,405.52	5,582.22	5,499.19	15.17	15.46	169.56	-457.86	-276.15	1,465.78	1,436.36	29.43	49.812	
5,600.00	5,503.59	5,680.48	5,595.82	15.48	15.77	169.05	-466.71	-260.73	1,478.81	1,448.77	30.04	49.227	
5,700.00	5,601.65	5,778.74	5,692.46	15.79	16.08	168.54	-475.55	-245.32	1,491.96	1,461.30	30.66	48.664	
5,800.00	5,699.71	5,876.99	5,789.09	16.11	16.40	168.04	-484.40	-229.91	1,505.22	1,473.94	31.28	48.122	
5,900.00	5,797.77	5,975.25	5,885.73	16.43	16.71	167.55	-493.24	-214.49	1,518.60	1,486.69	31.90	47.600	
6,000.00	5,895.83	6,073.50	5,982.37	16.74	17.03	167.07	-502.09	-199.08	1,532.08	1,499.55	32.53	47.097	
6,100.00	5,993.89	6,171.76	6,079.00	17.06	17.34	166.60	-510.93	-183.67	1,545.67	1,512.51	33.16	46.613	
6,200.00	6,091.95	6,269.82	6,176.06	17.39	17.66	166.10	-519.76	-168.25	1,558.60	1,525.44	33.79	46.130	
6,300.00	6,190.02	6,367.89	6,273.13	17.71	18.00	165.60	-528.59	-152.93	1,571.53	1,538.37	34.42	45.647	
6,400.00	6,288.39	6,466.06	6,370.50	17.99	18.31	165.10	-537.42	-137.60	1,584.46	1,551.30	35.05	45.164	
6,500.00	6,387.80	6,564.33	6,468.87	18.17	18.59	164.60	-546.25	-122.28	1,597.39	1,564.23	35.68	44.681	
6,600.00	6,486.12	6,662.60	6,567.19	18.29	18.71	164.10	-555.08	-106.96	1,610.32	1,577.16	36.31	44.198	
6,700.00	6,580.94	6,760.87	6,661.01	18.34	18.76	163.60	-563.91	-91.64	1,623.25	1,590.09	36.94	43.715	
6,800.00	6,669.91	6,850.04	6,750.18	18.34	18.76	163.10	-572.74	-76.32	1,636.18	1,603.02	37.57	43.232	
6,900.00	6,750.85	6,930.98	6,830.32	18.32	18.72	162.60	-581.57	-61.00	1,649.11	1,615.95	38.20	42.749	
7,000.00	6,821.76	7,002.09	6,902.43	18.29	18.67	162.10	-590.40	-45.68	1,662.04	1,628.88	38.83	42.266	
7,100.00	6,880.90	7,061.23	6,961.57	18.28	18.62	161.60	-599.23	-30.36	1,674.97	1,641.81	39.46	41.783	
7,200.00	6,926.81	7,107.14	7,007.48	18.34	18.67	161.10	-608.06	-15.04	1,687.90	1,654.74	40.09	41.300	
7,300.00	6,958.36	7,139.69	7,039.03	18.50	18.83	160.60	-616.89	-0.72	1,699.83	1,666.67	40.72	40.817	
7,325.02	6,963.91	7,145.24	7,044.58	18.56	18.89	160.10	-625.72	14.60	1,711.76	1,678.60	41.35	40.334	
7,400.00	6,974.77	7,156.10	7,055.44	18.78	19.11	159.60	-634.55	29.28	1,723.69	1,690.53	42.52	39.797	
7,500.00	6,976.30	7,158.63	7,057.97	19.17	19.50	159.10	-643.38	43.96	1,735.62	1,702.46	41.67	29.737	
7,600.00	6,973.90	7,156.26	7,055.60	19.72	20.05	158.60	-652.21	58.64	1,747.55	1,714.39	41.18	29.915	
7,700.00	6,971.49	7,153.85	7,053.19	20.41	20.74	158.10	-661.04	73.32	1,759.48	1,726.32	41.00	29.900	
7,800.00	6,969.09	7,151.44	7,050.78	21.20	21.53	157.60	-669.87	88.00	1,771.41	1,738.25	41.05	29.803	
7,807.42	6,968.91	7,151.26	7,050.60	21.27	21.60	157.50	-678.70	102.68	1,783.34	1,750.18	41.06	29.792	
7,900.00	6,966.68	7,148.85	7,048.19	22.09	22.42	157.00	-687.53	117.36	1,795.27	1,762.11	41.26	29.709	
8,000.00	6,964.27	7,146.44	7,045.78	23.07	23.40	156.50	-696.36	132.04	1,807.20	1,774.04	41.56	29.685	
8,100.00	6,961.87	7,144.03	7,043.37	24.13	24.46	156.00	-705.19	146.72	1,819.13	1,785.97	41.93	29.774	
8,200.00	6,959.46	7,141.62	7,040.96	25.25	25.58	155.50	-714.02	161.40	1,831.06	1,797.90	42.32	30.002	
8,300.00	6,957.05	7,139.21	7,038.55	26.42	26.75	155.00	-722.85	176.08	1,842.99	1,809.83	42.67	30.408	
8,400.00	6,954.65	7,136.80	7,036.14	27.65	27.98	154.50	-731.68	190.76	1,854.92	1,821.76	43.05	30.926	
8,500.00	6,952.24	7,134.39	7,033.73	28.92	29.25	154.00	-740.51	205.44	1,866.85	1,833.69	43.38	31.621	
8,600.00	6,949.83	7,131.98	7,031.32	30.23	30.56	153.50	-749.34	220.12	1,878.78	1,845.62	43.64	32.477	
8,700.00	6,947.43	7,129.57	7,028.91	31.57	31.90	153.00	-758.17	234.80	1,890.71	1,857.55	43.93	33.421	
8,800.00	6,945.02	7,127.16	7,026.50	32.94	33.27	152.50	-767.00	249.48	1,902.64	1,869.48	44.10	34.549	
8,900.00	6,942.62	7,124.75	7,024.09	34.34	34.67	152.00	-775.83	264.16	1,914.57	1,881.41	44.27	35.768	
9,000.00	6,940.21	7,122.34	7,021.68	35.76	36.09	151.50	-784.66	278.84	1,926.50	1,893.34	44.37	37.121	
9,100.00	6,937.80	7,119.93	7,019.27	37.21	37.54	151.00	-793.49	293.52	1,938.43	1,905.27	44.50	38.513	
9,200.00	6,935.40	7,117.52	7,016.86	38.67	39.00	150.50	-802.32	308.20	1,950.36	1,917.20	44.60	39.993	
9,300.00	6,932.99	7,115.11	7,014.45	40.14	40.47	150.00	-811.15	322.88	1,962.29	1,929.13	44.65	41.567	
9,400.00	6,930.58	7,112.70	7,012.04	41.64	41.97	149.50	-820.00	337.56	1,974.22	1,941.06	44.70	43.195	
9,500.00	6,928.18	7,110.29	7,009.63	43.14	43.47	149.00	-828.83	352.24	1,986.15	1,952.99	44.72	44.905	
9,600.00	6,925.77	7,107.88	7,007.22	44.66	44.99	148.50	-837.66	366.92	1,998.08	1,964.92	44.73	46.661	
9,700.00	6,923.37	7,105.47	7,004.81	46.18	46.51	148.00	-846.49	381.60	2,009.99	1,976.85	44.73	48.455	
9,800.00	6,920.96	7,103.06	7,002.40	47.72	48.05	147.50	-855.32	396.28	2,021.92	1,988.78	44.73	50.285	
9,900.00	6,918.55	7,100.65	6,999.99	49.27	49.60	147.00	-864.15	410.96	2,033.85	1,999.71	44.75	52.122	
10,000.00	6,916.15	7,098.24	6,997.58	50.82	51.15	146.50	-872.98	425.64	2,045.78	2,011.64	44.73	54.031	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - BRANDONDI 1 - PDC SI Well - Actual MS Energy Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7000-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,853.58	6,954.58	6,953.65	92.67	18.21	-95.22	-432.29	-6,985.05	2,458.07	2,392.16	65.91	37.294		
12,700.00	6,851.18	6,952.00	6,951.07	94.31	18.21	-95.09	-432.39	-6,985.05	2,368.83	2,300.82	68.01	34.831		
12,800.00	6,848.77	6,949.42	6,948.49	95.95	18.21	-94.95	-432.49	-6,985.06	2,280.48	2,210.21	70.27	32.454		
12,900.00	6,846.36	6,946.84	6,945.91	97.59	18.20	-94.82	-432.59	-6,985.06	2,193.13	2,120.43	72.70	30.168		
13,000.00	6,843.96	6,944.26	6,943.33	99.23	18.20	-94.68	-432.69	-6,985.07	2,106.90	2,031.59	75.31	27.975		
13,100.00	6,841.55	6,941.68	6,940.76	100.88	18.19	-94.54	-432.79	-6,985.07	2,021.94	1,943.80	78.13	25.878		
13,200.00	6,839.15	6,939.10	6,938.18	102.52	18.19	-94.41	-432.89	-6,985.08	1,938.41	1,857.24	81.17	23.880		
13,300.00	6,836.74	6,936.52	6,935.60	104.17	18.18	-94.27	-432.99	-6,985.08	1,856.50	1,772.06	84.44	21.986		
13,400.00	6,834.33	6,933.94	6,933.02	105.81	18.18	-94.14	-433.09	-6,985.08	1,776.45	1,688.49	87.96	20.196		
13,500.00	6,831.93	6,931.36	6,930.44	107.46	18.17	-94.00	-433.19	-6,985.09	1,698.50	1,606.76	91.74	18.514		
13,600.00	6,829.52	6,928.78	6,927.86	109.11	18.17	-93.87	-433.29	-6,985.09	1,622.97	1,527.19	95.79	16.944		
13,700.00	6,827.11	6,926.20	6,925.29	110.75	18.17	-93.73	-433.39	-6,985.10	1,550.22	1,450.11	100.10	15.486		
13,800.00	6,824.71	6,923.62	6,922.71	112.40	18.16	-93.59	-433.49	-6,985.10	1,480.63	1,375.95	104.68	14.144		
13,900.00	6,822.30	6,921.04	6,920.13	114.05	18.16	-93.46	-433.59	-6,985.11	1,414.70	1,305.20	109.50	12.919		
14,000.00	6,819.90	6,918.46	6,917.55	115.70	18.15	-93.32	-433.69	-6,985.11	1,352.94	1,238.42	114.52	11.814		
14,100.00	6,817.49	6,915.88	6,914.97	117.35	18.15	-93.19	-433.79	-6,985.12	1,295.97	1,176.30	119.67	10.830		
14,200.00	6,815.08	6,914.69	6,913.78	119.01	18.14	-93.12	-433.83	-6,985.11	1,244.41	1,119.56	124.86	9.967		
14,300.00	6,812.68	6,911.77	6,910.86	120.66	18.14	-92.97	-433.95	-6,985.12	1,199.00	1,069.06	129.94	9.227		
14,400.00	6,810.27	6,908.88	6,907.98	122.31	18.14	-92.82	-434.06	-6,985.13	1,160.45	1,025.69	134.76	8.611		
14,500.00	6,807.86	6,906.03	6,905.13	123.96	18.13	-92.67	-434.17	-6,985.14	1,129.45	990.32	139.14	8.118		
14,600.00	6,805.46	6,903.21	6,902.32	125.62	18.13	-92.52	-434.28	-6,985.14	1,106.65	963.79	142.86	7.746		
14,700.00	6,803.05	6,900.43	6,899.53	127.27	18.12	-92.37	-434.39	-6,985.15	1,092.55	946.80	145.75	7.496		
14,800.00	6,800.65	6,897.68	6,896.79	128.93	18.12	-92.23	-434.50	-6,985.15	1,087.49	939.83	147.66	7.365		
14,805.16	6,800.52	6,897.54	6,896.65	129.01	18.12	-92.22	-434.50	-6,985.15	1,087.48	939.74	147.73	7.361 CC, ES		
14,900.00	6,798.24	6,894.96	6,894.07	130.58	18.11	-92.08	-434.60	-6,985.16	1,091.60	943.08	148.53	7.350 SF		
15,000.00	6,795.83	6,892.28	6,891.39	132.24	18.11	-91.94	-434.71	-6,985.16	1,104.78	956.45	148.34	7.448		
15,100.00	6,793.43	6,889.62	6,888.73	133.89	18.10	-91.80	-434.81	-6,985.16	1,126.71	979.54	147.18	7.656		
15,200.00	6,791.02	6,887.00	6,886.11	135.55	18.10	-91.67	-434.91	-6,985.17	1,156.89	1,011.71	145.18	7.969		
15,300.00	6,788.61	6,884.40	6,883.52	137.21	18.10	-91.53	-435.01	-6,985.17	1,194.70	1,052.19	142.51	8.383		
15,383.95	6,786.59	6,882.25	6,881.37	138.60	18.09	-91.42	-435.09	-6,985.17	1,231.82	1,091.93	139.89	8.806		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	
11,600.00	6,877.65	6,864.25	6,804.27	76.36	15.33	89.73	2,353.53	-5,532.79	2,450.11	2,381.77	68.33	35.854	
11,700.00	6,875.24	6,863.18	6,803.20	77.98	15.33	89.69	2,353.51	-5,532.78	2,379.29	2,308.31	70.98	33.519	
11,800.00	6,872.83	6,862.10	6,802.12	79.61	15.33	89.66	2,353.49	-5,532.77	2,310.64	2,236.88	73.76	31.327	
11,900.00	6,870.43	6,861.01	6,801.03	81.23	15.33	89.62	2,353.48	-5,532.76	2,244.34	2,167.68	76.66	29.276	
12,000.00	6,868.02	6,859.91	6,799.94	82.86	15.32	89.58	2,353.46	-5,532.75	2,180.62	2,100.94	79.68	27.367	
12,100.00	6,865.62	6,858.81	6,798.83	84.49	15.32	89.55	2,353.44	-5,532.73	2,119.70	2,036.89	82.81	25.597	
12,200.00	6,863.21	6,857.70	6,797.72	86.13	15.32	89.51	2,353.42	-5,532.72	2,061.82	1,975.79	86.04	23.964	
12,300.00	6,860.80	6,856.58	6,796.60	87.76	15.32	89.47	2,353.40	-5,532.71	2,007.27	1,917.92	89.35	22.465	
12,400.00	6,858.40	6,855.45	6,795.47	89.40	15.31	89.43	2,353.38	-5,532.70	1,956.30	1,863.59	92.72	21.099	
12,500.00	6,855.99	6,854.31	6,794.33	91.03	15.31	89.40	2,353.36	-5,532.69	1,909.22	1,813.10	96.12	19.862	
12,600.00	6,853.58	6,853.16	6,793.19	92.67	15.31	89.36	2,353.34	-5,532.67	1,866.31	1,766.79	99.53	18.752	
12,700.00	6,851.18	6,852.01	6,792.03	94.31	15.31	89.32	2,353.32	-5,532.66	1,827.87	1,724.98	102.89	17.765	
12,800.00	6,848.77	6,850.85	6,790.87	95.95	15.30	89.28	2,353.30	-5,532.65	1,794.19	1,688.01	106.18	16.898	
12,900.00	6,846.36	6,849.68	6,789.70	97.59	15.30	89.24	2,353.28	-5,532.64	1,765.53	1,656.20	109.34	16.148	
13,000.00	6,843.96	6,848.50	6,788.52	99.23	15.30	89.20	2,353.26	-5,532.63	1,742.15	1,629.83	112.32	15.511	
13,100.00	6,841.55	6,847.31	6,787.33	100.88	15.30	89.16	2,353.24	-5,532.61	1,724.26	1,609.18	115.08	14.983	
13,200.00	6,839.15	6,846.11	6,786.13	102.52	15.29	89.12	2,353.22	-5,532.60	1,712.03	1,594.45	117.58	14.561	
13,300.00	6,836.74	6,844.90	6,784.93	104.17	15.29	89.08	2,353.20	-5,532.59	1,705.58	1,585.81	119.77	14.240	
13,360.15	6,835.29	6,844.17	6,784.20	105.16	15.29	89.06	2,353.19	-5,532.58	1,704.52	1,583.59	120.93	14.095 CC	
13,400.00	6,834.33	6,843.69	6,783.71	105.81	15.29	89.04	2,353.18	-5,532.58	1,704.99	1,583.36	121.63	14.018 ES	
13,500.00	6,831.93	6,842.46	6,782.49	107.46	15.29	89.00	2,353.16	-5,532.56	1,710.25	1,587.11	123.14	13.889	
13,600.00	6,829.52	6,841.23	6,781.25	109.11	15.28	88.96	2,353.14	-5,532.55	1,721.31	1,597.04	124.28	13.850 SF	
13,700.00	6,827.11	6,839.98	6,780.01	110.75	15.28	88.91	2,353.12	-5,532.54	1,738.07	1,613.01	125.06	13.898	
13,800.00	6,824.71	6,838.73	6,778.76	112.40	15.28	88.87	2,353.10	-5,532.53	1,760.35	1,634.86	125.49	14.028	
13,900.00	6,822.30	6,837.47	6,777.49	114.05	15.28	88.83	2,353.08	-5,532.51	1,787.96	1,662.36	125.60	14.236	
14,000.00	6,819.90	6,836.19	6,776.22	115.70	15.27	88.79	2,353.06	-5,532.50	1,820.64	1,695.24	125.41	14.518	
14,100.00	6,817.49	6,834.91	6,774.94	117.35	15.27	88.74	2,353.04	-5,532.49	1,858.14	1,733.19	124.95	14.871	
14,200.00	6,815.08	6,833.62	6,773.64	119.01	15.27	88.70	2,353.02	-5,532.48	1,900.17	1,775.91	124.26	15.292	
14,300.00	6,812.68	6,832.31	6,772.34	120.66	15.27	88.66	2,353.00	-5,532.46	1,946.43	1,823.05	123.38	15.776	
14,400.00	6,810.27	6,831.00	6,771.03	122.31	15.26	88.61	2,352.98	-5,532.45	1,996.62	1,874.29	122.34	16.320	
14,500.00	6,807.86	6,829.67	6,769.70	123.96	15.26	88.57	2,352.95	-5,532.44	2,050.47	1,929.30	121.17	16.922	
14,600.00	6,805.46	6,828.34	6,768.37	125.62	15.26	88.52	2,352.93	-5,532.43	2,107.69	1,987.79	119.91	17.578	
14,700.00	6,803.05	6,826.99	6,767.02	127.27	15.25	88.48	2,352.91	-5,532.41	2,168.02	2,049.45	118.57	18.285	
14,800.00	6,800.65	6,825.64	6,765.67	128.93	15.25	88.43	2,352.89	-5,532.40	2,231.19	2,114.01	117.18	19.040	
14,900.00	6,798.24	6,824.27	6,764.30	130.58	15.25	88.39	2,352.87	-5,532.39	2,296.98	2,181.21	115.77	19.841	
15,000.00	6,795.83	6,822.89	6,762.92	132.24	15.25	88.34	2,352.85	-5,532.38	2,365.17	2,250.83	114.34	20.685	
15,100.00	6,793.43	6,821.50	6,761.53	133.89	15.24	88.29	2,352.83	-5,532.36	2,435.56	2,322.65	112.91	21.570	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,000.00	6,892.08	6,974.08	6,843.40	66.67	15.98	96.04	953.39	-5,624.29	2,466.33	2,431.81	34.52	71.437		
11,100.00	6,889.68	6,973.38	6,842.70	68.28	15.98	95.91	953.41	-5,624.28	2,367.14	2,332.40	34.74	68.138		
11,200.00	6,887.27	6,972.67	6,841.99	69.89	15.98	95.78	953.42	-5,624.27	2,268.01	2,233.02	34.99	64.824		
11,300.00	6,884.87	6,971.94	6,841.26	71.50	15.98	95.64	953.44	-5,624.26	2,168.97	2,133.70	35.27	61.495		
11,400.00	6,882.46	6,971.18	6,840.50	73.12	15.98	95.50	953.46	-5,624.25	2,070.01	2,034.42	35.60	58.151		
11,500.00	6,880.05	6,970.41	6,839.73	74.74	15.98	95.36	953.47	-5,624.24	1,971.17	1,935.19	35.98	54.793		
11,600.00	6,877.65	6,969.60	6,838.93	76.36	15.97	95.21	953.49	-5,624.23	1,872.44	1,836.03	36.41	51.420		
11,700.00	6,875.24	6,968.78	6,838.10	77.98	15.97	95.05	953.51	-5,624.22	1,773.86	1,736.93	36.93	48.033		
11,800.00	6,872.83	6,967.93	6,837.25	79.61	15.97	94.89	953.53	-5,624.21	1,675.44	1,637.90	37.54	44.636		
11,900.00	6,870.43	6,967.05	6,836.37	81.23	15.97	94.73	953.55	-5,624.20	1,577.22	1,538.97	38.25	41.232		
12,000.00	6,868.02	6,966.14	6,835.46	82.86	15.97	94.56	953.57	-5,624.19	1,479.24	1,440.14	39.11	37.826		
12,100.00	6,865.62	6,965.21	6,834.53	84.49	15.97	94.38	953.59	-5,624.18	1,381.55	1,341.42	40.13	34.426		
12,200.00	6,863.21	6,964.24	6,833.56	86.13	15.96	94.20	953.61	-5,624.17	1,284.21	1,242.85	41.37	31.044		
12,300.00	6,860.80	6,963.24	6,832.56	87.76	15.96	94.02	953.63	-5,624.16	1,187.32	1,144.45	42.87	27.694		
12,400.00	6,858.40	6,962.21	6,831.53	89.40	15.96	93.82	953.65	-5,624.14	1,090.98	1,046.26	44.72	24.396		
12,500.00	6,855.99	6,961.13	6,830.46	91.03	15.96	93.62	953.67	-5,624.13	995.37	948.36	47.01	21.174		
12,600.00	6,853.58	6,960.03	6,829.35	92.67	15.96	93.41	953.70	-5,624.12	900.71	850.84	49.87	18.060		
12,700.00	6,851.18	6,958.88	6,828.20	94.31	15.95	93.20	953.72	-5,624.11	807.33	753.84	53.49	15.092		
12,800.00	6,848.77	6,957.69	6,827.01	95.95	15.95	92.97	953.75	-5,624.10	715.74	657.61	58.13	12.312		
12,900.00	6,846.36	6,956.45	6,825.78	97.59	15.95	92.74	953.78	-5,624.08	626.73	562.59	64.14	9.772		
13,000.00	6,843.96	6,955.17	6,824.49	99.23	15.95	92.50	953.81	-5,624.07	541.57	469.59	71.97	7.525		
13,100.00	6,841.55	6,953.83	6,823.16	100.88	15.94	92.25	953.84	-5,624.06	462.37	380.23	82.15	5.629		
13,200.00	6,839.15	6,952.45	6,821.77	102.52	15.94	91.99	953.87	-5,624.05	392.79	297.90	94.89	4.140		
13,300.00	6,836.74	6,951.00	6,820.33	104.17	15.94	91.72	953.90	-5,624.03	338.77	229.75	109.02	3.107		
13,400.00	6,834.33	6,949.50	6,818.83	105.81	15.93	91.44	953.93	-5,624.02	308.63	188.40	120.23	2.567		
13,447.61	6,833.19	6,948.76	6,818.09	106.60	15.93	91.30	953.95	-5,624.01	304.93	182.27	122.66	2.486	CC, ES, SF	
13,500.00	6,831.93	6,947.93	6,817.26	107.46	15.93	91.14	953.97	-5,624.01	309.40	186.89	122.51	2.525		
13,600.00	6,829.52	6,946.30	6,815.63	109.11	15.93	90.83	954.01	-5,623.99	340.88	225.49	115.39	2.954		
13,700.00	6,827.11	6,944.59	6,813.92	110.75	15.92	90.51	954.05	-5,623.98	395.81	291.54	104.27	3.796		
13,800.00	6,824.71	6,942.81	6,812.14	112.40	15.92	90.18	954.09	-5,623.97	465.97	372.47	93.50	4.983		
13,900.00	6,822.30	6,940.94	6,810.27	114.05	15.92	89.83	954.13	-5,623.96	545.51	460.96	84.55	6.452		
14,000.00	6,819.90	6,938.99	6,808.32	115.70	15.91	89.46	954.17	-5,623.94	630.90	553.44	77.46	8.145		
14,100.00	6,817.49	6,936.93	6,806.27	117.35	15.91	89.08	954.22	-5,623.93	720.05	648.16	71.89	10.016		
14,200.00	6,815.08	6,934.78	6,804.11	119.01	15.91	88.67	954.27	-5,623.92	811.73	744.25	67.49	12.028		
14,300.00	6,812.68	6,932.52	6,801.85	120.66	15.90	88.25	954.32	-5,623.91	905.17	841.20	63.97	14.150		
14,400.00	6,810.27	6,930.14	6,799.47	122.31	15.90	87.80	954.38	-5,623.90	999.88	938.75	61.13	16.357		
14,500.00	6,807.86	6,927.63	6,796.96	123.96	15.89	87.33	954.44	-5,623.89	1,095.52	1,036.71	58.81	18.629		
14,600.00	6,805.46	6,924.98	6,794.32	125.62	15.89	86.84	954.50	-5,623.88	1,191.87	1,134.98	56.89	20.952		
14,700.00	6,803.05	6,922.18	6,791.52	127.27	15.88	86.32	954.57	-5,623.87	1,288.77	1,233.49	55.28	23.312		
14,800.00	6,800.65	6,919.22	6,788.56	128.93	15.88	85.77	954.64	-5,623.86	1,386.11	1,332.18	53.94	25.698		
14,900.00	6,798.24	6,916.08	6,785.42	130.58	15.87	85.18	954.72	-5,623.86	1,483.80	1,431.00	52.80	28.103		
15,000.00	6,795.83	6,912.75	6,782.08	132.24	15.86	84.56	954.80	-5,623.86	1,581.78	1,529.95	51.83	30.520		
15,100.00	6,793.43	6,909.20	6,778.54	133.89	15.86	83.91	954.88	-5,623.85	1,679.98	1,628.99	51.00	32.943		
15,200.00	6,791.02	6,905.41	6,774.75	135.55	15.85	83.21	954.98	-5,623.86	1,778.38	1,728.10	50.28	35.367		
15,300.00	6,788.61	6,901.37	6,770.71	137.21	15.84	82.47	955.08	-5,623.86	1,876.95	1,827.28	49.67	37.789		
15,383.95	6,786.59	6,898.85	6,768.19	138.60	15.84	82.00	955.14	-5,623.87	1,959.81	1,910.60	49.21	39.827		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	6,884.87	7,103.03	6,646.08	71.50	24.49	-80.45	-320.26	-5,707.21	2,438.99	2,382.48	56.51	43.163	
11,400.00	6,882.46	7,101.22	6,644.30	73.12	24.49	-80.34	-319.91	-5,707.18	2,347.82	2,289.91	57.91	40.542	
11,500.00	6,880.05	7,099.43	6,642.55	74.74	24.49	-80.24	-319.57	-5,707.16	2,257.39	2,197.96	59.43	37.982	
11,600.00	6,877.65	7,097.67	6,640.82	76.36	24.49	-80.14	-319.24	-5,707.13	2,167.81	2,106.72	61.09	35.486	
11,700.00	6,875.24	7,095.94	6,639.12	77.98	24.48	-80.04	-318.91	-5,707.11	2,079.18	2,016.29	62.89	33.062	
11,800.00	6,872.83	7,094.24	6,637.46	79.61	24.48	-79.94	-318.58	-5,707.09	1,991.62	1,926.78	64.84	30.714	
11,900.00	6,870.43	7,092.57	6,635.81	81.23	24.48	-79.84	-318.26	-5,707.06	1,905.29	1,838.32	66.97	28.448	
12,000.00	6,868.02	7,090.92	6,634.20	82.86	24.48	-79.74	-317.94	-5,707.04	1,820.36	1,751.06	69.29	26.271	
12,100.00	6,865.62	7,089.30	6,632.61	84.49	24.47	-79.65	-317.63	-5,707.02	1,737.03	1,665.21	71.81	24.188	
12,200.00	6,863.21	7,087.71	6,631.04	86.13	24.47	-79.56	-317.32	-5,706.99	1,655.54	1,580.98	74.56	22.204	
12,300.00	6,860.80	7,086.14	6,629.50	87.76	24.47	-79.47	-317.02	-5,706.97	1,576.19	1,498.65	77.54	20.327	
12,400.00	6,858.40	7,084.59	6,627.98	89.40	24.47	-79.37	-316.71	-5,706.95	1,499.31	1,418.54	80.77	18.562	
12,500.00	6,855.99	7,083.07	6,626.49	91.03	24.46	-79.29	-316.42	-5,706.93	1,425.30	1,341.04	84.26	16.915	
12,600.00	6,853.58	7,081.57	6,625.02	92.67	24.46	-79.20	-316.12	-5,706.90	1,354.63	1,266.62	88.01	15.391	
12,700.00	6,851.18	7,080.09	6,623.57	94.31	24.46	-79.11	-315.83	-5,706.88	1,287.86	1,195.84	92.01	13.996	
12,800.00	6,848.77	7,078.63	6,622.15	95.95	24.46	-79.03	-315.55	-5,706.86	1,225.61	1,129.38	96.24	12.735	
12,900.00	6,846.36	7,077.20	6,620.74	97.59	24.45	-78.94	-315.26	-5,706.84	1,168.62	1,067.99	100.63	11.613	
13,000.00	6,843.96	7,075.79	6,619.36	99.23	24.45	-78.86	-314.99	-5,706.82	1,117.68	1,012.56	105.11	10.633	
13,100.00	6,841.55	7,074.40	6,617.99	100.88	24.45	-78.78	-314.71	-5,706.80	1,073.66	964.09	109.57	9.799	
13,200.00	6,839.15	7,073.02	6,616.65	102.52	24.45	-78.70	-314.44	-5,706.78	1,037.44	923.59	113.85	9.112	
13,300.00	6,836.74	7,071.67	6,615.32	104.17	24.45	-78.62	-314.17	-5,706.76	1,009.85	892.09	117.76	8.575	
13,400.00	6,834.33	7,070.34	6,614.02	105.81	24.44	-78.54	-313.90	-5,706.74	991.63	870.52	121.11	8.188	
13,500.00	6,831.93	7,069.03	6,612.73	107.46	24.44	-78.47	-313.64	-5,706.71	983.29	859.58	123.71	7.948	
13,532.38	6,831.15	7,068.60	6,612.32	107.99	24.44	-78.44	-313.56	-5,706.71	982.76	858.39	124.36	7.902 CC, ES	
13,600.00	6,829.52	7,067.73	6,611.46	109.11	24.44	-78.39	-313.38	-5,706.70	985.08	859.67	125.41	7.855 SF	
13,700.00	6,827.11	7,066.45	6,610.21	110.75	24.44	-78.32	-313.12	-5,706.68	996.95	870.80	126.15	7.903	
13,800.00	6,824.71	7,065.20	6,608.98	112.40	24.44	-78.24	-312.87	-5,706.66	1,018.54	892.60	125.94	8.088	
13,900.00	6,822.30	7,063.95	6,607.76	114.05	24.43	-78.17	-312.62	-5,706.64	1,049.26	924.38	124.88	8.402	
14,000.00	6,819.90	7,062.73	6,606.56	115.70	24.43	-78.10	-312.37	-5,706.62	1,088.33	965.20	123.13	8.839	
14,100.00	6,817.49	7,061.52	6,605.38	117.35	24.43	-78.03	-312.13	-5,706.60	1,134.89	1,014.03	120.86	9.390	
14,200.00	6,815.08	7,060.33	6,604.21	119.01	24.43	-77.96	-311.89	-5,706.58	1,188.06	1,069.82	118.24	10.048	
14,300.00	6,812.68	7,059.15	6,603.06	120.66	24.43	-77.89	-311.65	-5,706.56	1,246.99	1,131.59	115.41	10.805	
14,400.00	6,810.27	7,057.99	6,601.93	122.31	24.42	-77.82	-311.41	-5,706.54	1,310.92	1,198.42	112.49	11.653	
14,500.00	6,807.86	7,056.85	6,600.81	123.96	24.42	-77.76	-311.18	-5,706.53	1,379.13	1,269.56	109.58	12.586	
14,600.00	6,805.46	7,055.72	6,599.70	125.62	24.42	-77.69	-310.95	-5,706.51	1,451.04	1,344.31	106.73	13.596	
14,700.00	6,803.05	7,054.60	6,598.61	127.27	24.42	-77.63	-310.72	-5,706.49	1,526.11	1,422.13	103.98	14.677	
14,800.00	6,800.65	7,053.50	6,597.53	128.93	24.42	-77.56	-310.49	-5,706.47	1,603.91	1,502.54	101.37	15.823	
14,900.00	6,798.24	7,052.42	6,596.47	130.58	24.42	-77.50	-310.27	-5,706.45	1,684.05	1,585.15	98.90	17.029	
15,000.00	6,795.83	7,051.35	6,595.42	132.24	24.41	-77.44	-310.05	-5,706.44	1,766.21	1,669.64	96.57	18.289	
15,100.00	6,793.43	7,050.29	6,594.39	133.89	24.41	-77.38	-309.83	-5,706.42	1,850.14	1,755.74	94.39	19.600	
15,200.00	6,791.02	7,049.24	6,593.36	135.55	24.41	-77.31	-309.62	-5,706.40	1,935.59	1,843.23	92.36	20.957	
15,300.00	6,788.61	7,048.21	6,592.36	137.21	24.41	-77.25	-309.40	-5,706.39	2,022.37	1,931.91	90.47	22.355	
15,383.95	6,786.59	7,047.36	6,591.52	138.60	24.41	-77.20	-309.22	-5,706.37	2,096.14	2,007.17	88.97	23.559	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	6,918.55	6,959.55	6,959.55	49.27	244.84	-92.70	-475.77	-4,278.12	2,467.41	2,192.86	274.55	8.987	
10,000.00	6,916.15	6,957.15	6,957.15	50.82	244.76	-92.58	-475.77	-4,278.12	2,378.81	2,103.04	275.76	8.626	
10,100.00	6,913.74	6,954.74	6,954.74	52.38	244.67	-92.45	-475.77	-4,278.12	2,291.13	2,014.05	277.09	8.269	
10,200.00	6,911.33	6,952.33	6,952.33	53.95	244.59	-92.33	-475.77	-4,278.12	2,204.51	1,925.98	278.53	7.915	
10,300.00	6,908.93	6,949.93	6,949.93	55.52	244.50	-92.21	-475.77	-4,278.12	2,119.06	1,838.95	280.11	7.565	
10,400.00	6,906.52	6,947.52	6,947.52	57.10	244.42	-92.09	-475.77	-4,278.12	2,034.94	1,753.10	281.83	7.220	
10,500.00	6,904.12	6,945.12	6,945.12	58.68	244.33	-91.96	-475.77	-4,278.12	1,952.31	1,668.60	283.71	6.881	
10,600.00	6,901.71	6,942.71	6,942.71	60.27	244.25	-91.84	-475.77	-4,278.12	1,871.37	1,585.62	285.75	6.549	
10,700.00	6,899.30	6,940.30	6,940.30	61.87	244.16	-91.72	-475.77	-4,278.12	1,792.36	1,504.39	287.97	6.224	
10,800.00	6,896.90	6,937.90	6,937.90	63.46	244.08	-91.59	-475.77	-4,278.12	1,715.53	1,425.16	290.37	5.908	
10,900.00	6,894.49	6,935.49	6,935.49	65.06	243.99	-91.47	-475.77	-4,278.12	1,641.20	1,348.24	292.96	5.602	
11,000.00	6,892.08	6,933.08	6,933.08	66.67	243.91	-91.35	-475.77	-4,278.12	1,569.72	1,273.98	295.74	5.308	
11,100.00	6,889.68	6,930.68	6,930.68	68.28	243.82	-91.23	-475.77	-4,278.12	1,501.49	1,202.79	298.70	5.027	
11,200.00	6,887.27	6,928.27	6,928.27	69.89	243.74	-91.10	-475.77	-4,278.12	1,436.99	1,135.14	301.84	4.761	
11,300.00	6,884.87	6,925.87	6,925.87	71.50	243.65	-90.98	-475.77	-4,278.12	1,376.73	1,071.60	305.13	4.512	
11,400.00	6,882.46	6,923.46	6,923.46	73.12	243.57	-90.86	-475.77	-4,278.12	1,321.29	1,012.77	308.52	4.283	
11,500.00	6,880.05	6,921.05	6,921.05	74.74	243.48	-90.74	-475.77	-4,278.12	1,271.31	959.35	311.96	4.075	
11,600.00	6,877.65	6,918.65	6,918.65	76.36	243.39	-90.61	-475.77	-4,278.12	1,227.45	912.09	315.36	3.892	
11,700.00	6,875.24	6,916.24	6,916.24	77.98	243.31	-90.49	-475.77	-4,278.12	1,190.39	871.77	318.62	3.736	
11,800.00	6,872.83	6,913.83	6,913.83	79.61	243.22	-90.37	-475.77	-4,278.12	1,160.78	839.15	321.64	3.609	
11,900.00	6,870.43	6,911.43	6,911.43	81.23	243.14	-90.24	-475.77	-4,278.12	1,139.21	814.94	324.27	3.513	
12,000.00	6,868.02	6,909.02	6,909.02	82.86	243.05	-90.12	-475.77	-4,278.12	1,126.12	799.71	326.41	3.450	
12,098.28	6,865.66	6,906.66	6,906.66	84.47	242.97	-90.00	-475.77	-4,278.12	1,121.83	793.87	327.95	3.421 CC	
12,100.00	6,865.62	6,906.62	6,906.62	84.49	242.97	-90.00	-475.77	-4,278.12	1,121.83	793.85	327.98	3.420 ES, SF	
12,200.00	6,863.21	6,904.21	6,904.21	86.13	242.88	-89.88	-475.77	-4,278.12	1,126.43	797.52	328.90	3.425	
12,300.00	6,860.80	6,901.80	6,901.80	87.76	242.80	-89.75	-475.77	-4,278.12	1,139.81	810.62	329.19	3.462	
12,400.00	6,858.40	6,900.60	6,899.40	89.40	242.76	-89.63	-475.77	-4,278.12	1,161.67	832.77	328.91	3.532	
12,500.00	6,855.99	6,903.01	6,896.99	91.03	242.84	-89.51	-475.77	-4,278.12	1,191.55	863.33	328.22	3.630	
12,600.00	6,853.58	6,905.42	6,894.58	92.67	242.93	-89.38	-475.77	-4,278.12	1,228.85	901.77	327.08	3.757	
12,700.00	6,851.18	6,907.82	6,892.18	94.31	243.01	-89.26	-475.77	-4,278.12	1,272.93	947.32	325.61	3.909	
12,800.00	6,848.77	6,889.77	6,889.77	95.95	242.37	-89.14	-475.77	-4,278.12	1,323.11	999.94	323.17	4.094	
12,900.00	6,846.36	6,887.36	6,887.36	97.59	242.29	-89.02	-475.77	-4,278.12	1,378.73	1,057.60	321.13	4.293	
13,000.00	6,843.96	6,884.96	6,884.96	99.23	242.20	-88.89	-475.77	-4,278.12	1,439.14	1,120.14	319.00	4.511	
13,100.00	6,841.55	6,882.55	6,882.55	100.88	242.12	-88.77	-475.77	-4,278.12	1,503.78	1,186.93	316.86	4.746	
13,200.00	6,839.15	6,880.15	6,880.15	102.52	242.03	-88.65	-475.77	-4,278.12	1,572.13	1,257.40	314.73	4.995	
13,300.00	6,836.74	6,877.74	6,877.74	104.17	241.95	-88.52	-475.77	-4,278.12	1,643.72	1,331.06	312.65	5.257	
13,400.00	6,834.33	6,875.33	6,875.33	105.81	241.86	-88.40	-475.77	-4,278.12	1,718.14	1,407.49	310.65	5.531	
13,500.00	6,831.93	6,872.93	6,872.93	107.46	241.77	-88.28	-475.77	-4,278.12	1,795.05	1,486.32	308.72	5.814	
13,600.00	6,829.52	6,870.52	6,870.52	109.11	241.69	-88.16	-475.77	-4,278.12	1,874.13	1,567.24	306.89	6.107	
13,700.00	6,827.11	6,868.11	6,868.11	110.75	241.60	-88.03	-475.77	-4,278.12	1,955.13	1,649.97	305.16	6.407	
13,800.00	6,824.71	6,865.71	6,865.71	112.40	241.52	-87.91	-475.77	-4,278.12	2,037.81	1,734.30	303.52	6.714	
13,900.00	6,822.30	6,863.30	6,863.30	114.05	241.43	-87.79	-475.77	-4,278.12	2,121.99	1,820.02	301.97	7.027	
14,000.00	6,819.90	6,860.90	6,860.90	115.70	241.35	-87.66	-475.77	-4,278.12	2,207.48	1,906.96	300.51	7.346	
14,100.00	6,817.49	6,858.49	6,858.49	117.35	241.26	-87.54	-475.77	-4,278.12	2,294.14	1,995.00	299.14	7.669	
14,200.00	6,815.08	6,856.08	6,856.08	119.01	241.18	-87.42	-475.77	-4,278.12	2,381.84	2,083.99	297.85	7.997	
14,300.00	6,812.68	6,853.68	6,853.68	120.66	241.09	-87.30	-475.77	-4,278.12	2,470.48	2,173.84	296.64	8.328	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,400.00	5,307.46	15,847.91	7,161.26	14.86	261.55	129.53	-1,214.87	788.85	2,442.75	2,237.19	205.56	11.884		
5,500.00	5,405.52	15,867.04	7,161.67	15.17	262.11	128.97	-1,214.92	807.97	2,379.79	2,168.46	211.33	11.261		
5,600.00	5,503.59	15,886.17	7,162.08	15.48	262.68	128.40	-1,214.98	827.10	2,319.27	2,102.02	217.25	10.676		
5,700.00	5,601.65	15,905.30	7,162.48	15.79	263.24	127.83	-1,215.03	846.22	2,261.40	2,038.10	223.30	10.127		
5,800.00	5,699.71	15,924.43	7,162.89	16.11	263.81	127.25	-1,215.08	865.35	2,206.37	1,976.92	229.45	9.616		
5,900.00	5,797.77	15,943.56	7,163.30	16.43	264.37	126.68	-1,215.13	884.47	2,154.42	1,918.76	235.65	9.142		
6,000.00	5,895.83	15,962.69	7,163.71	16.74	264.93	126.11	-1,215.18	903.60	2,105.76	1,863.89	241.87	8.706		
6,100.00	5,993.89	15,981.82	7,164.11	17.06	265.50	125.53	-1,215.23	922.72	2,060.63	1,812.58	248.04	8.308		
6,200.00	6,091.95	16,000.94	7,164.52	17.39	266.06	124.95	-1,215.29	941.85	2,019.26	1,765.16	254.10	7.947		
6,300.00	6,190.02	16,020.07	7,164.93	17.71	266.62	124.38	-1,215.34	960.97	1,981.90	1,721.91	259.99	7.623		
6,400.00	6,288.39	16,037.00	7,165.29	17.99	267.12	140.66	-1,215.38	977.90	1,948.65	1,683.12	265.53	7.339		
6,500.00	6,387.80	16,040.01	7,165.35	18.17	267.21	-145.59	-1,215.39	980.91	1,919.53	1,649.22	270.31	7.101		
6,600.00	6,486.12	16,027.37	7,165.08	18.29	266.84	-116.35	-1,215.36	968.27	1,895.39	1,621.29	274.10	6.915		
6,700.00	6,580.94	16,000.62	7,164.49	18.34	266.05	-108.28	-1,215.28	940.29	1,876.72	1,599.91	276.81	6.780		
6,800.00	6,669.91	15,956.74	7,163.58	18.34	264.76	-104.38	-1,215.17	897.65	1,863.48	1,585.21	278.26	6.697		
6,900.00	6,750.85	15,900.49	7,162.38	18.32	263.10	-101.58	-1,215.01	841.41	1,855.14	1,576.51	278.63	6.658		
7,000.00	6,821.76	15,832.01	7,160.92	18.29	261.08	-99.15	-1,214.83	772.95	1,850.81	1,572.81	278.00	6.658 SF		
7,100.00	6,880.90	15,753.00	7,159.24	18.28	258.75	-96.97	-1,214.62	693.96	1,849.38	1,572.79	276.59	6.686 ES		
7,124.35	6,893.34	15,732.38	7,158.80	18.29	258.15	-96.48	-1,214.56	673.35	1,849.33	1,573.18	276.16	6.697		
7,200.00	6,926.81	15,665.40	7,157.38	18.34	256.17	-95.12	-1,214.38	606.38	1,849.66	1,575.05	274.61	6.736		
7,300.00	6,958.36	15,571.37	7,155.37	18.50	253.40	-93.75	-1,214.12	512.37	1,850.60	1,578.31	272.30	6.796		
7,400.00	6,974.77	15,473.22	7,153.28	18.78	250.51	-92.96	-1,213.86	414.24	1,851.38	1,581.56	269.82	6.861		
7,500.00	6,976.30	15,373.35	7,151.16	19.17	247.57	-92.81	-1,213.59	314.40	1,851.54	1,584.22	267.32	6.926		
7,600.00	6,973.90	15,273.35	7,149.03	19.72	244.63	-92.82	-1,213.32	214.43	1,851.51	1,586.58	264.92	6.989		
7,700.00	6,971.49	15,173.36	7,146.90	20.41	241.68	-92.83	-1,213.05	114.45	1,851.47	1,588.82	262.65	7.049		
7,800.00	6,969.09	15,073.36	7,144.77	21.20	238.74	-92.84	-1,212.78	14.47	1,851.44	1,590.95	260.49	7.107		
7,900.00	6,966.68	14,973.36	7,142.64	22.09	235.80	-92.85	-1,212.51	-85.50	1,851.41	1,592.98	258.43	7.164		
8,000.00	6,964.27	14,873.36	7,140.51	23.07	232.85	-92.86	-1,212.24	-185.48	1,851.38	1,594.92	256.46	7.219		
8,100.00	6,961.87	14,773.36	7,138.38	24.13	229.91	-92.87	-1,211.97	-285.46	1,851.35	1,596.78	254.57	7.272		
8,200.00	6,959.46	14,673.36	7,136.25	25.25	226.97	-92.87	-1,211.70	-385.43	1,851.32	1,598.57	252.74	7.325		
8,300.00	6,957.05	14,573.36	7,134.12	26.42	224.03	-92.88	-1,211.43	-485.41	1,851.29	1,600.31	250.98	7.376		
8,400.00	6,954.65	14,473.36	7,132.00	27.65	221.09	-92.89	-1,211.16	-585.39	1,851.26	1,601.99	249.26	7.427		
8,500.00	6,952.24	14,373.36	7,129.87	28.92	218.15	-92.90	-1,210.89	-685.36	1,851.22	1,603.63	247.59	7.477		
8,600.00	6,949.83	14,273.36	7,127.74	30.23	215.21	-92.91	-1,210.62	-785.34	1,851.19	1,605.23	245.97	7.526		
8,700.00	6,947.43	14,173.36	7,125.61	31.57	212.27	-92.92	-1,210.35	-885.32	1,851.16	1,606.79	244.37	7.575		
8,800.00	6,945.02	14,073.36	7,123.48	32.94	209.33	-92.93	-1,210.07	-985.29	1,851.13	1,608.32	242.81	7.624		
8,900.00	6,942.62	13,973.36	7,121.35	34.34	206.40	-92.93	-1,209.80	-1,085.27	1,851.10	1,609.83	241.27	7.672		
9,000.00	6,940.21	13,873.36	7,119.22	35.76	203.46	-92.94	-1,209.53	-1,185.25	1,851.07	1,611.31	239.76	7.720		
9,100.00	6,937.80	13,773.36	7,117.09	37.21	200.53	-92.95	-1,209.26	-1,285.22	1,851.04	1,612.77	238.27	7.769		
9,200.00	6,935.40	13,673.36	7,114.96	38.67	197.59	-92.96	-1,208.99	-1,385.20	1,851.01	1,614.21	236.80	7.817		
9,300.00	6,932.99	13,573.36	7,112.83	40.14	194.66	-92.97	-1,208.72	-1,485.18	1,850.98	1,615.63	235.35	7.865		
9,400.00	6,930.58	13,473.36	7,110.70	41.64	191.73	-92.98	-1,208.45	-1,585.15	1,850.95	1,617.04	233.91	7.913		
9,500.00	6,928.18	13,373.36	7,108.57	43.14	188.79	-92.99	-1,208.18	-1,685.13	1,850.92	1,618.43	232.49	7.961		
9,600.00	6,925.77	13,273.36	7,106.44	44.66	185.86	-93.00	-1,207.91	-1,785.11	1,850.88	1,619.81	231.08	8.010		
9,700.00	6,923.37	13,173.36	7,104.32	46.18	182.93	-93.00	-1,207.64	-1,885.08	1,850.85	1,621.18	229.68	8.058		
9,800.00	6,920.96	13,073.36	7,102.19	47.72	180.00	-93.01	-1,207.37	-1,985.06	1,850.82	1,622.53	228.29	8.107		
9,900.00	6,918.55	12,973.36	7,100.06	49.27	177.08	-93.02	-1,207.10	-2,085.04	1,850.79	1,623.88	226.91	8.156		
10,000.00	6,916.15	12,873.36	7,097.93	50.82	174.15	-93.03	-1,206.83	-2,185.01	1,850.76	1,625.22	225.54	8.206		
10,100.00	6,913.74	12,773.36	7,095.80	52.38	171.23	-93.04	-1,206.56	-2,284.99	1,850.73	1,626.55	224.18	8.255		
10,200.00	6,911.33	12,673.36	7,093.67	53.95	168.30	-93.05	-1,206.29	-2,384.97	1,850.70	1,627.87	222.83	8.305		
10,300.00	6,908.93	12,573.37	7,091.54	55.52	165.38	-93.06	-1,206.02	-2,484.94	1,850.67	1,629.19	221.49	8.356		
10,400.00	6,906.52	12,473.37	7,089.41	57.10	162.46	-93.06	-1,205.75	-2,584.92	1,850.64	1,630.49	220.15	8.406		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,500.00	6,904.12	12,373.37	7,087.28	58.68	159.54	-93.07	-1,205.48	-2,684.89	1,850.61	1,631.80	218.82	8.457		
10,600.00	6,901.71	12,273.37	7,085.15	60.27	156.62	-93.08	-1,205.21	-2,784.87	1,850.58	1,633.09	217.49	8.509		
10,700.00	6,899.30	12,173.37	7,083.02	61.87	153.71	-93.09	-1,204.94	-2,884.85	1,850.55	1,634.38	216.17	8.561		
10,800.00	6,896.90	12,073.37	7,080.89	63.46	150.79	-93.10	-1,204.67	-2,984.82	1,850.52	1,635.66	214.86	8.613		
10,900.00	6,894.49	11,973.37	7,078.77	65.06	147.88	-93.11	-1,204.40	-3,084.80	1,850.49	1,636.94	213.55	8.665		
11,000.00	6,892.08	11,873.37	7,076.64	66.67	144.97	-93.12	-1,204.13	-3,184.78	1,850.46	1,638.21	212.25	8.718		
11,100.00	6,889.68	11,773.37	7,074.51	68.28	142.06	-93.12	-1,203.86	-3,284.75	1,850.43	1,639.48	210.95	8.772		
11,200.00	6,887.27	11,673.37	7,072.38	69.89	139.16	-93.13	-1,203.59	-3,384.73	1,850.40	1,640.74	209.66	8.826		
11,300.00	6,884.87	11,573.37	7,070.25	71.50	136.26	-93.14	-1,203.32	-3,484.71	1,850.37	1,641.99	208.38	8.880		
11,400.00	6,882.46	11,473.37	7,068.12	73.12	133.36	-93.15	-1,203.05	-3,584.68	1,850.34	1,643.24	207.10	8.935		
11,500.00	6,880.05	11,373.37	7,065.99	74.74	130.46	-93.16	-1,202.78	-3,684.66	1,850.31	1,644.49	205.82	8.990		
11,600.00	6,877.65	11,273.37	7,063.86	76.36	127.57	-93.17	-1,202.51	-3,784.64	1,850.28	1,645.73	204.55	9.045		
11,700.00	6,875.24	11,173.37	7,061.73	77.98	124.68	-93.18	-1,202.24	-3,884.61	1,850.25	1,646.96	203.29	9.102		
11,800.00	6,872.83	11,073.37	7,059.60	79.61	121.79	-93.19	-1,201.97	-3,984.59	1,850.22	1,648.19	202.03	9.158		
11,900.00	6,870.43	10,973.37	7,057.47	81.23	118.91	-93.19	-1,201.69	-4,084.57	1,850.19	1,649.41	200.78	9.215		
12,000.00	6,868.02	10,873.37	7,055.34	82.86	116.03	-93.20	-1,201.42	-4,184.54	1,850.16	1,650.63	199.53	9.273		
12,100.00	6,865.62	10,773.37	7,053.21	84.49	113.15	-93.21	-1,201.15	-4,284.52	1,850.13	1,651.84	198.29	9.330		
12,200.00	6,863.21	10,673.37	7,051.09	86.13	110.28	-93.22	-1,200.88	-4,384.50	1,850.10	1,653.05	197.05	9.389		
12,300.00	6,860.80	10,573.37	7,048.96	87.76	107.42	-93.23	-1,200.61	-4,484.47	1,850.07	1,654.25	195.83	9.448		
12,400.00	6,858.40	10,473.37	7,046.83	89.40	104.56	-93.24	-1,200.34	-4,584.45	1,850.04	1,655.44	194.60	9.507		
12,500.00	6,855.99	10,373.37	7,044.70	91.03	101.70	-93.25	-1,200.07	-4,684.43	1,850.01	1,656.62	193.39	9.566		
12,600.00	6,853.58	10,273.37	7,042.57	92.67	98.86	-93.25	-1,199.80	-4,784.40	1,849.99	1,657.80	192.18	9.626		
12,700.00	6,851.18	10,173.37	7,040.44	94.31	96.02	-93.26	-1,199.53	-4,884.38	1,849.96	1,658.97	190.99	9.686		
12,800.00	6,848.77	10,073.38	7,038.31	95.95	93.19	-93.27	-1,199.26	-4,984.36	1,849.93	1,660.13	189.80	9.747		
12,900.00	6,846.36	9,973.38	7,036.18	97.59	90.36	-93.28	-1,198.99	-5,084.33	1,849.90	1,661.28	188.62	9.808		
13,000.00	6,843.96	9,873.38	7,034.05	99.23	87.55	-93.29	-1,198.72	-5,184.31	1,849.87	1,662.42	187.45	9.869		
13,100.00	6,841.55	9,773.38	7,031.92	100.88	84.75	-93.30	-1,198.45	-5,284.29	1,849.84	1,663.55	186.29	9.930		
13,200.00	6,839.15	9,673.38	7,029.79	102.52	81.96	-93.31	-1,198.18	-5,384.26	1,849.81	1,664.67	185.14	9.991		
13,300.00	6,836.74	9,573.38	7,027.66	104.17	79.18	-93.32	-1,197.91	-5,484.24	1,849.78	1,665.77	184.01	10.053		
13,400.00	6,834.33	9,473.38	7,025.54	105.81	76.41	-93.32	-1,197.64	-5,584.22	1,849.75	1,666.86	182.89	10.114		
13,500.00	6,831.93	9,373.38	7,023.41	107.46	73.66	-93.33	-1,197.37	-5,684.19	1,849.72	1,667.94	181.78	10.175		
13,600.00	6,829.52	9,273.38	7,021.28	109.11	70.93	-93.34	-1,197.10	-5,784.17	1,849.69	1,668.99	180.70	10.236		
13,700.00	6,827.11	9,173.38	7,019.15	110.75	68.22	-93.35	-1,196.83	-5,884.15	1,849.67	1,670.03	179.63	10.297		
13,800.00	6,824.71	9,073.38	7,017.02	112.40	65.54	-93.36	-1,196.56	-5,984.12	1,849.64	1,671.05	178.59	10.357		
13,900.00	6,822.30	8,973.38	7,014.89	114.05	62.88	-93.37	-1,196.29	-6,084.10	1,849.61	1,672.04	177.57	10.416		
14,000.00	6,819.90	8,873.38	7,012.76	115.70	60.25	-93.38	-1,196.02	-6,184.07	1,849.58	1,673.00	176.58	10.474		
14,100.00	6,817.49	8,773.38	7,010.63	117.35	57.65	-93.38	-1,195.75	-6,284.05	1,849.55	1,673.93	175.62	10.532		
14,200.00	6,815.08	8,673.38	7,008.50	119.01	55.09	-93.39	-1,195.48	-6,384.03	1,849.52	1,674.82	174.70	10.587		
14,300.00	6,812.68	8,573.38	7,006.37	120.66	52.59	-93.40	-1,195.21	-6,484.00	1,849.49	1,675.68	173.81	10.641		
14,400.00	6,810.27	8,473.38	7,004.24	122.31	50.13	-93.41	-1,194.94	-6,583.98	1,849.46	1,676.48	172.98	10.692		
14,500.00	6,807.86	8,373.38	7,002.11	123.96	47.74	-93.42	-1,194.67	-6,683.96	1,849.44	1,677.24	172.20	10.740		
14,600.00	6,805.46	8,273.38	6,999.99	125.62	45.42	-93.43	-1,194.40	-6,783.93	1,849.41	1,677.93	171.48	10.785		
14,700.00	6,803.05	8,173.38	6,997.86	127.27	43.20	-93.44	-1,194.13	-6,883.91	1,849.38	1,678.54	170.84	10.825		
14,800.00	6,800.65	8,073.38	6,995.73	128.93	41.08	-93.44	-1,193.86	-6,983.89	1,849.35	1,679.07	170.28	10.861		
14,900.00	6,798.24	7,973.38	6,993.60	130.58	39.08	-93.45	-1,193.59	-7,083.86	1,849.32	1,679.50	169.82	10.890		
15,000.00	6,795.83	7,873.38	6,991.47	132.24	37.24	-93.46	-1,193.31	-7,183.84	1,849.29	1,679.81	169.49	10.911		
15,100.00	6,793.43	7,773.38	6,989.34	133.89	35.58	-93.47	-1,193.04	-7,283.82	1,849.27	1,679.98	169.29	10.924		
15,200.00	6,791.02	7,673.38	6,987.21	135.55	34.12	-93.48	-1,192.77	-7,383.79	1,849.24	1,680.00	169.24	10.927		
15,261.02	6,789.55	7,620.79	6,985.91	136.56	33.43	-93.48	-1,192.61	-7,444.80	1,849.22	1,679.80	169.42	10.915 CC		
15,300.00	6,788.61	7,585.04	6,984.56	137.21	33.00	-93.46	-1,192.68	-7,472.09	1,849.34	1,679.88	169.46	10.913		
15,383.95	6,786.59	7,524.30	6,977.48	138.60	32.33	-93.29	-1,193.62	-7,532.39	1,850.38	1,680.54	169.84	10.895		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design										5N-67W-01 Offsets Incomplete - Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI Planned Surv				Offset Site Error:		0.00 usft	
Survey Program:										20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1				Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
12,900.00	6,846.36	6,663.16	6,557.85	97.59	21.29	76.54	1,863.30	-7,138.97	2,417.43	2,347.07	70.36	34.360					
13,000.00	6,843.96	6,664.46	6,559.14	99.23	21.29	76.60	1,863.49	-7,139.08	2,332.27	2,259.33	72.94	31.974					
13,100.00	6,841.55	6,665.86	6,560.52	100.88	21.29	76.67	1,863.69	-7,139.19	2,248.34	2,172.63	75.71	29.696					
13,200.00	6,839.15	6,667.38	6,562.02	102.52	21.30	76.74	1,863.91	-7,139.31	2,165.77	2,087.10	78.67	27.528					
13,300.00	6,836.74	6,669.03	6,563.64	104.17	21.30	76.81	1,864.15	-7,139.45	2,084.72	2,002.88	81.84	25.473					
13,400.00	6,834.33	6,670.82	6,565.41	105.81	21.30	76.89	1,864.41	-7,139.61	2,005.38	1,920.15	85.23	23.530					
13,500.00	6,831.93	6,672.78	6,567.35	107.46	21.31	76.98	1,864.70	-7,139.79	1,927.95	1,839.12	88.83	21.703					
13,600.00	6,829.52	6,674.94	6,569.47	109.11	21.31	77.08	1,865.01	-7,139.99	1,852.68	1,760.01	92.67	19.991					
13,700.00	6,827.11	6,677.32	6,571.81	110.75	21.31	77.19	1,865.35	-7,140.22	1,779.84	1,683.09	96.75	18.397					
13,800.00	6,824.71	6,679.95	6,574.40	112.40	21.32	77.31	1,865.73	-7,140.49	1,709.73	1,608.68	101.05	16.920					
13,900.00	6,822.30	6,682.89	6,577.29	114.05	21.32	77.45	1,866.16	-7,140.80	1,642.71	1,537.14	105.57	15.560					
14,000.00	6,819.90	6,686.18	6,580.53	115.70	21.33	77.60	1,866.63	-7,141.17	1,579.16	1,468.88	110.29	14.319					
14,100.00	6,817.49	6,689.91	6,584.19	117.35	21.34	77.77	1,867.17	-7,141.60	1,519.52	1,404.36	115.16	13.195					
14,200.00	6,815.08	6,694.14	6,588.35	119.01	21.34	77.96	1,867.79	-7,142.12	1,464.27	1,344.13	120.14	12.188					
14,300.00	6,812.68	6,720.00	6,613.65	120.66	21.39	79.14	1,871.54	-7,145.89	1,414.22	1,288.92	125.31	11.286					
14,400.00	6,810.27	6,720.00	6,613.65	122.31	21.39	79.14	1,871.54	-7,145.89	1,369.11	1,238.89	130.22	10.514					
14,500.00	6,807.86	6,720.00	6,613.65	123.96	21.39	79.14	1,871.54	-7,145.89	1,330.01	1,195.05	134.95	9.855					
14,600.00	6,805.46	6,720.00	6,613.65	125.62	21.39	79.14	1,871.54	-7,145.89	1,297.44	1,158.08	139.36	9.310					
14,700.00	6,803.05	6,720.00	6,613.65	127.27	21.39	79.14	1,871.54	-7,145.89	1,271.93	1,128.62	143.31	8.876					
14,800.00	6,800.65	6,740.50	6,633.59	128.93	21.41	80.08	1,874.51	-7,149.61	1,253.67	1,106.81	146.86	8.537					
14,900.00	6,798.24	6,755.39	6,647.99	130.58	21.43	80.75	1,876.67	-7,152.72	1,243.07	1,093.40	149.67	8.306					
14,987.29	6,796.14	6,771.99	6,663.96	132.03	21.45	81.50	1,879.07	-7,156.59	1,240.13	1,088.61	151.53	8.184 CC					
15,000.00	6,795.83	6,774.78	6,666.62	132.24	21.45	81.63	1,879.47	-7,157.28	1,240.20	1,088.45	151.75	8.173 ES					
15,100.00	6,793.43	6,801.01	6,691.60	133.89	21.48	82.80	1,883.26	-7,164.36	1,244.95	1,091.85	153.10	8.132 SF					
15,200.00	6,791.02	6,838.34	6,726.58	135.55	21.52	84.45	1,888.61	-7,176.22	1,256.99	1,103.19	153.81	8.173					
15,300.00	6,788.61	6,895.14	6,778.33	137.21	21.56	86.88	1,896.63	-7,198.17	1,275.58	1,121.53	154.05	8.280					
15,383.95	6,786.59	6,970.69	6,843.74	138.60	21.62	89.93	1,906.98	-7,234.44	1,295.21	1,140.97	154.24	8.398					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - Bluff Federal 32N-2C-L - SRC Energy Planned Well - BHI Planned Sur													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	6,848.77	6,520.00	6,434.67	95.95	19.79	67.62	1,655.53	-7,138.52	2,429.79	2,369.88	59.91	40.556		
12,900.00	6,846.36	6,520.00	6,434.67	97.59	19.79	67.62	1,655.53	-7,138.52	2,340.73	2,278.66	62.07	37.713		
13,000.00	6,843.96	6,558.82	6,472.93	99.23	19.84	69.61	1,660.00	-7,143.23	2,251.20	2,186.65	64.55	34.877		
13,100.00	6,841.55	6,562.01	6,476.07	100.88	19.85	69.77	1,660.36	-7,143.72	2,163.85	2,096.77	67.08	32.259		
13,200.00	6,839.15	6,565.47	6,479.45	102.52	19.85	69.95	1,660.76	-7,144.27	2,077.62	2,007.81	69.81	29.759		
13,300.00	6,836.74	6,569.21	6,483.12	104.17	19.86	70.14	1,661.19	-7,144.89	1,992.66	1,919.88	72.77	27.381		
13,400.00	6,834.33	6,573.28	6,487.10	105.81	19.86	70.35	1,661.66	-7,145.58	1,909.12	1,833.14	75.98	25.128		
13,500.00	6,831.93	6,577.73	6,491.45	107.46	19.87	70.58	1,662.18	-7,146.37	1,827.20	1,747.76	79.44	23.002		
13,600.00	6,829.52	6,582.60	6,496.20	109.11	19.87	70.83	1,662.74	-7,147.27	1,747.12	1,663.95	83.18	21.005		
13,700.00	6,827.11	6,587.96	6,501.43	110.75	19.88	71.11	1,663.36	-7,148.30	1,669.14	1,581.94	87.21	19.140		
13,800.00	6,824.71	6,620.00	6,532.45	112.40	19.92	72.76	1,667.05	-7,155.38	1,594.19	1,502.58	91.61	17.401		
13,900.00	6,822.30	6,620.00	6,532.45	114.05	19.92	72.76	1,667.05	-7,155.38	1,521.08	1,424.84	96.24	15.805		
14,000.00	6,819.90	6,620.00	6,532.45	115.70	19.92	72.76	1,667.05	-7,155.38	1,451.19	1,350.01	101.17	14.344		
14,100.00	6,817.49	6,620.00	6,532.45	117.35	19.92	72.76	1,667.05	-7,155.38	1,384.99	1,278.60	106.38	13.019		
14,200.00	6,815.08	6,620.00	6,532.45	119.01	19.92	72.76	1,667.05	-7,155.38	1,323.04	1,211.21	111.83	11.831		
14,300.00	6,812.68	6,620.00	6,532.45	120.66	19.92	72.76	1,667.05	-7,155.38	1,265.97	1,148.53	117.44	10.780		
14,400.00	6,810.27	6,648.62	6,559.83	122.31	19.94	74.24	1,670.35	-7,163.03	1,213.79	1,090.52	123.27	9.846		
14,500.00	6,807.86	6,663.00	6,573.45	123.96	19.96	74.98	1,672.00	-7,167.34	1,167.80	1,038.81	128.99	9.053		
14,600.00	6,805.46	6,679.92	6,589.35	125.62	19.97	75.85	1,673.94	-7,172.80	1,128.41	993.91	134.51	8.389		
14,700.00	6,803.05	6,700.09	6,608.09	127.27	19.99	76.88	1,676.23	-7,179.87	1,096.23	956.59	139.64	7.850		
14,800.00	6,800.65	6,720.00	6,626.38	128.93	20.01	77.89	1,678.49	-7,187.43	1,071.74	927.56	144.18	7.434		
14,900.00	6,798.24	6,754.49	6,657.45	130.58	20.03	79.62	1,682.37	-7,201.88	1,055.18	907.14	148.04	7.128		
15,000.00	6,795.83	6,792.11	6,690.40	132.24	20.06	81.46	1,686.53	-7,219.54	1,046.60	895.54	151.06	6.929		
15,063.57	6,794.30	6,821.26	6,715.18	133.29	20.08	82.85	1,689.71	-7,234.55	1,045.12	892.58	152.54	6.851 CC		
15,100.00	6,793.43	6,840.26	6,730.95	133.89	20.10	83.73	1,691.75	-7,244.95	1,045.59	892.32	153.26	6.822 ES		
15,200.00	6,791.02	6,903.22	6,780.87	135.55	20.16	86.53	1,698.32	-7,282.70	1,051.25	896.44	154.81	6.790 SF		
15,300.00	6,788.61	6,987.04	6,841.11	137.21	20.29	89.91	1,706.54	-7,340.32	1,062.02	905.95	156.07	6.805		
15,383.95	6,786.59	7,079.05	6,897.91	138.60	20.56	93.06	1,714.70	-7,412.14	1,073.24	915.93	157.30	6.823		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,000.00	6,843.96	6,520.00	6,385.08	99.23	22.38	71.79	2,058.17	-7,143.27	2,472.71	2,393.51	79.20	31.222	
13,100.00	6,841.55	6,520.00	6,385.08	100.88	22.38	71.79	2,058.17	-7,143.27	2,393.34	2,311.32	82.02	29.181	
13,200.00	6,839.15	6,520.00	6,385.08	102.52	22.38	71.79	2,058.17	-7,143.27	2,315.57	2,230.57	85.00	27.243	
13,300.00	6,836.74	6,520.00	6,385.08	104.17	22.38	71.79	2,058.17	-7,143.27	2,239.57	2,151.42	88.14	25.409	
13,400.00	6,834.33	6,520.00	6,385.08	105.81	22.38	71.79	2,058.17	-7,143.27	2,165.51	2,074.06	91.45	23.679	
13,500.00	6,831.93	6,520.00	6,385.08	107.46	22.38	71.79	2,058.17	-7,143.27	2,093.61	1,998.69	94.93	22.055	
13,600.00	6,829.52	6,520.00	6,385.08	109.11	22.38	71.79	2,058.17	-7,143.27	2,024.11	1,925.54	98.57	20.535	
13,700.00	6,827.11	6,554.50	6,418.74	110.75	22.43	73.11	2,064.42	-7,147.51	1,956.30	1,853.65	102.66	19.057	
13,800.00	6,824.71	6,558.82	6,422.94	112.40	22.44	73.28	2,065.20	-7,148.17	1,892.13	1,785.49	106.64	17.743	
13,900.00	6,822.30	6,563.64	6,427.61	114.05	22.45	73.46	2,066.07	-7,148.94	1,831.14	1,720.38	110.76	16.532	
14,000.00	6,819.90	6,569.02	6,432.83	115.70	22.45	73.67	2,067.05	-7,149.84	1,773.66	1,658.67	114.99	15.425	
14,100.00	6,817.49	6,575.08	6,438.69	117.35	22.46	73.90	2,068.14	-7,150.92	1,720.02	1,600.74	119.28	14.420	
14,200.00	6,815.08	6,581.95	6,445.33	119.01	22.48	74.16	2,069.39	-7,152.20	1,670.59	1,546.99	123.60	13.516	
14,300.00	6,812.68	6,589.82	6,452.90	120.66	22.49	74.46	2,070.81	-7,153.76	1,625.73	1,497.85	127.89	12.712	
14,400.00	6,810.27	6,598.89	6,461.62	122.31	22.50	74.81	2,072.45	-7,155.68	1,585.83	1,453.75	132.08	12.007	
14,500.00	6,807.86	6,620.00	6,481.78	123.96	22.54	75.61	2,076.26	-7,160.63	1,551.29	1,415.09	136.20	11.390	
14,600.00	6,805.46	6,620.00	6,481.78	125.62	22.54	75.61	2,076.26	-7,160.63	1,522.26	1,382.39	139.87	10.883	
14,700.00	6,803.05	6,636.98	6,497.87	127.27	22.55	76.25	2,079.32	-7,165.10	1,499.20	1,355.84	143.36	10.458	
14,800.00	6,800.65	6,655.25	6,515.05	128.93	22.57	76.94	2,082.60	-7,170.39	1,482.26	1,335.80	146.46	10.121	
14,900.00	6,798.24	6,677.95	6,536.17	130.58	22.60	77.78	2,086.65	-7,177.67	1,471.54	1,322.41	149.13	9.867	
15,000.00	6,795.83	6,706.86	6,562.65	132.24	22.63	78.85	2,091.77	-7,188.04	1,467.02	1,315.64	151.38	9.691	
15,024.69	6,795.24	6,715.24	6,570.24	132.65	22.64	79.15	2,093.25	-7,191.27	1,466.83	1,314.97	151.87	9.659 CC, ES	
15,100.00	6,793.43	6,744.71	6,596.58	133.89	22.66	80.21	2,098.39	-7,203.45	1,468.49	1,315.27	153.21	9.584	
15,200.00	6,791.02	6,795.99	6,640.98	135.55	22.70	82.00	2,107.17	-7,227.54	1,475.49	1,320.76	154.73	9.536	
15,300.00	6,788.61	6,868.16	6,699.88	137.21	22.74	84.37	2,119.06	-7,267.43	1,487.19	1,331.06	156.13	9.526	
15,383.95	6,786.59	6,953.76	6,763.40	138.60	22.78	86.91	2,132.24	-7,323.19	1,499.52	1,342.05	157.47	9.523 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1949-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,000.00	6,843.96	6,613.00	6,493.09	99.23	19.35	-75.54	-824.29	-7,091.19	2,452.35	2,369.41	82.94	29.567	
13,100.00	6,841.55	6,613.00	6,493.09	100.88	19.35	-75.54	-824.29	-7,091.19	2,374.85	2,289.07	85.79	27.684	
13,200.00	6,839.15	6,648.91	6,528.52	102.52	19.41	-76.89	-829.75	-7,093.18	2,297.84	2,208.70	89.14	25.777	
13,300.00	6,836.74	6,650.57	6,530.16	104.17	19.41	-76.95	-829.99	-7,093.34	2,223.90	2,131.59	92.31	24.091	
13,400.00	6,834.33	6,652.42	6,531.97	105.81	19.42	-77.02	-830.26	-7,093.52	2,152.06	2,056.43	95.63	22.504	
13,500.00	6,831.93	6,654.47	6,533.99	107.46	19.42	-77.09	-830.56	-7,093.74	2,082.54	1,983.44	99.09	21.016	
13,600.00	6,829.52	6,656.77	6,536.25	109.11	19.42	-77.18	-830.90	-7,093.99	2,015.57	1,912.87	102.70	19.626	
13,700.00	6,827.11	6,659.36	6,538.80	110.75	19.43	-77.28	-831.28	-7,094.28	1,951.42	1,844.99	106.43	18.334	
13,800.00	6,824.71	6,662.32	6,541.70	112.40	19.43	-77.39	-831.71	-7,094.64	1,890.38	1,780.10	110.28	17.142	
13,900.00	6,822.30	6,665.71	6,545.03	114.05	19.44	-77.51	-832.20	-7,095.07	1,832.74	1,718.53	114.21	16.047	
14,000.00	6,819.90	6,669.64	6,548.88	115.70	19.45	-77.66	-832.76	-7,095.60	1,778.84	1,660.64	118.20	15.050	
14,100.00	6,817.49	6,674.25	6,553.39	117.35	19.45	-77.83	-833.42	-7,096.26	1,729.02	1,606.82	122.19	14.150	
14,200.00	6,815.08	6,679.72	6,558.75	119.01	19.46	-78.04	-834.19	-7,097.11	1,683.63	1,557.48	126.15	13.346	
14,300.00	6,812.68	6,686.35	6,565.21	120.66	19.47	-78.28	-835.12	-7,098.23	1,643.03	1,513.01	130.02	12.637	
14,400.00	6,810.27	6,706.00	6,584.30	122.31	19.51	-79.01	-837.80	-7,102.08	1,607.64	1,473.78	133.86	12.010	
14,500.00	6,807.86	6,706.00	6,584.30	123.96	19.51	-79.01	-837.80	-7,102.08	1,577.55	1,440.32	137.23	11.496	
14,600.00	6,805.46	6,717.38	6,595.27	125.62	19.52	-79.43	-839.32	-7,104.65	1,553.26	1,412.86	140.40	11.063	
14,700.00	6,803.05	6,732.93	6,610.20	127.27	19.53	-80.00	-841.38	-7,108.51	1,534.93	1,391.68	143.24	10.716	
14,800.00	6,800.65	6,752.68	6,629.00	128.93	19.54	-80.73	-843.96	-7,113.97	1,522.67	1,376.98	145.69	10.451	
14,900.00	6,798.24	6,778.51	6,653.30	130.58	19.56	-81.66	-847.29	-7,122.04	1,516.52	1,368.79	147.74	10.265	
14,953.02	6,796.96	6,795.67	6,669.26	131.46	19.57	-82.27	-849.46	-7,127.99	1,515.70	1,367.03	148.67	10.195 CC	
15,000.00	6,795.83	6,821.56	6,693.05	132.24	19.58	-83.19	-852.63	-7,137.69	1,516.30	1,366.80	149.50	10.142 ES	
15,100.00	6,793.43	6,900.56	6,764.07	133.89	19.59	-85.92	-861.01	-7,171.21	1,521.14	1,369.93	151.20	10.060 SF	
15,200.00	6,791.02	6,930.64	6,790.24	135.55	19.59	-86.93	-864.09	-7,185.71	1,531.00	1,379.05	151.95	10.076	
15,300.00	6,788.61	6,972.47	6,825.52	137.21	19.59	-88.28	-868.79	-7,207.67	1,546.09	1,393.65	152.44	10.142	
15,383.95	6,786.59	7,004.37	6,851.48	138.60	19.59	-89.28	-872.76	-7,225.78	1,562.49	1,409.92	152.57	10.241	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - Actual BHI Surv													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1951-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
13,000.00	6,843.96	6,613.00	6,517.99	99.23	18.30	-75.46	-713.25	-7,154.46	2,434.12	2,356.07	78.05	31.186		
13,100.00	6,841.55	6,613.00	6,517.99	100.88	18.30	-75.46	-713.25	-7,154.46	2,353.35	2,272.56	80.79	29.129		
13,200.00	6,839.15	6,613.00	6,517.99	102.52	18.30	-75.46	-713.25	-7,154.46	2,274.10	2,190.41	83.69	27.173		
13,300.00	6,836.74	6,613.00	6,517.99	104.17	18.30	-75.46	-713.25	-7,154.46	2,196.56	2,109.80	86.76	25.319		
13,400.00	6,834.33	6,613.00	6,517.99	105.81	18.30	-75.46	-713.25	-7,154.46	2,120.89	2,030.90	89.99	23.568		
13,500.00	6,831.93	6,613.00	6,517.99	107.46	18.30	-75.46	-713.25	-7,154.46	2,047.31	1,953.92	93.40	21.921		
13,600.00	6,829.52	6,613.00	6,517.99	109.11	18.30	-75.46	-713.25	-7,154.46	1,976.06	1,879.09	96.97	20.378		
13,700.00	6,827.11	6,613.00	6,517.99	110.75	18.30	-75.46	-713.25	-7,154.46	1,907.39	1,806.68	100.71	18.940		
13,800.00	6,824.71	6,646.41	6,550.17	112.40	18.31	-76.73	-712.73	-7,163.42	1,840.55	1,735.91	104.64	17.589		
13,900.00	6,822.30	6,654.35	6,557.77	114.05	18.31	-77.04	-712.74	-7,165.72	1,777.38	1,668.69	108.69	16.352		
14,000.00	6,819.90	6,662.79	6,565.83	115.70	18.31	-77.36	-712.80	-7,168.23	1,717.59	1,604.73	112.87	15.218		
14,100.00	6,817.49	6,671.80	6,574.40	117.35	18.31	-77.71	-712.93	-7,171.00	1,661.52	1,544.40	117.12	14.186		
14,200.00	6,815.08	6,706.00	6,606.67	119.01	18.33	-79.03	-714.01	-7,182.26	1,610.11	1,488.64	121.47	13.255		
14,300.00	6,812.68	6,706.00	6,606.67	120.66	18.33	-79.03	-714.01	-7,182.26	1,562.26	1,436.52	125.74	12.424		
14,400.00	6,810.27	6,706.00	6,606.67	122.31	18.33	-79.03	-714.01	-7,182.26	1,519.48	1,389.58	129.91	11.697		
14,500.00	6,807.86	6,706.00	6,606.67	123.96	18.33	-79.03	-714.01	-7,182.26	1,482.23	1,348.35	133.88	11.071		
14,600.00	6,805.46	6,706.00	6,606.67	125.62	18.33	-79.03	-714.01	-7,182.26	1,450.93	1,313.36	137.57	10.547		
14,700.00	6,803.05	6,740.72	6,638.98	127.27	18.34	-80.36	-716.08	-7,194.82	1,424.89	1,283.72	141.18	10.093		
14,800.00	6,800.65	6,755.19	6,652.29	128.93	18.35	-80.92	-717.24	-7,200.36	1,405.57	1,261.36	144.21	9.747		
14,900.00	6,798.24	6,770.73	6,666.48	130.58	18.35	-81.51	-718.69	-7,206.51	1,392.79	1,246.03	146.75	9.491		
15,000.00	6,795.83	6,800.00	6,692.91	132.24	18.37	-82.62	-721.96	-7,218.67	1,386.79	1,237.90	148.89	9.314		
15,043.39	6,794.79	6,800.00	6,692.91	132.96	18.37	-82.62	-721.96	-7,218.67	1,386.12	1,236.62	149.50	9.272 CC, ES		
15,100.00	6,793.43	6,800.00	6,692.91	133.89	18.37	-82.62	-721.96	-7,218.67	1,387.27	1,237.18	150.09	9.243		
15,200.00	6,791.02	6,839.17	6,727.45	135.55	18.39	-84.08	-727.07	-7,236.41	1,394.20	1,242.95	151.25	9.218 SF		
15,300.00	6,788.61	6,876.88	6,759.61	137.21	18.40	-85.44	-732.42	-7,255.34	1,407.13	1,255.25	151.88	9.265		
15,383.95	6,786.59	6,922.52	6,796.83	138.60	18.43	-87.02	-739.38	-7,280.79	1,422.13	1,269.78	152.35	9.334		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12C-2-L - SRC Energy PR Well - Actua											Offset Site Error:	0.00 usft
Survey Program:		20-SRC Energy_ISCWSA REV 2 MWD, 1765-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,500.00	6,855.99	6,657.56	6,579.80	91.03	17.91	-29.05	490.82	-7,129.41	2,482.01	2,446.65	35.36	70.191		
12,600.00	6,853.58	6,661.99	6,584.15	92.67	17.91	-29.34	491.32	-7,130.08	2,382.94	2,347.35	35.58	66.967		
12,700.00	6,851.18	6,666.69	6,588.76	94.31	17.92	-29.66	491.86	-7,130.79	2,283.92	2,248.10	35.83	63.750		
12,800.00	6,848.77	6,671.66	6,593.64	95.95	17.93	-30.00	492.45	-7,131.57	2,184.97	2,148.88	36.09	60.540		
12,900.00	6,846.36	6,676.95	6,598.82	97.59	17.93	-30.37	493.11	-7,132.42	2,086.08	2,049.70	36.38	57.338		
13,000.00	6,843.96	6,682.58	6,604.32	99.23	17.94	-30.77	493.84	-7,133.35	1,987.27	1,950.57	36.70	54.146		
13,100.00	6,841.55	6,710.00	6,631.01	100.88	17.98	-32.84	497.81	-7,138.22	1,888.83	1,851.80	37.02	51.018		
13,200.00	6,839.15	6,710.00	6,631.01	102.52	17.98	-32.84	497.81	-7,138.22	1,790.04	1,752.63	37.41	47.850		
13,300.00	6,836.74	6,710.00	6,631.01	104.17	17.98	-32.84	497.81	-7,138.22	1,691.39	1,653.54	37.85	44.681		
13,400.00	6,834.33	6,710.00	6,631.01	105.81	17.98	-32.84	497.81	-7,138.22	1,592.91	1,554.54	38.37	41.512		
13,500.00	6,831.93	6,710.00	6,631.01	107.46	17.98	-32.84	497.81	-7,138.22	1,494.64	1,455.66	38.98	38.344		
13,600.00	6,829.52	6,710.00	6,631.01	109.11	17.98	-32.84	497.81	-7,138.22	1,396.61	1,356.91	39.70	35.179		
13,700.00	6,827.11	6,710.00	6,631.01	110.75	17.98	-32.84	497.81	-7,138.22	1,298.87	1,258.31	40.56	32.021		
13,800.00	6,824.71	6,738.75	6,658.76	112.40	18.01	-35.30	502.55	-7,144.09	1,200.74	1,159.55	41.19	29.149		
13,900.00	6,822.30	6,747.95	6,667.57	114.05	18.02	-36.17	504.17	-7,146.15	1,103.24	1,061.03	42.21	26.139		
14,000.00	6,819.90	6,758.12	6,677.29	115.70	18.03	-37.18	506.01	-7,148.53	1,006.02	962.61	43.41	23.175		
14,100.00	6,817.49	6,769.42	6,688.04	117.35	18.04	-38.38	508.12	-7,151.31	909.15	864.30	44.85	20.269		
14,200.00	6,815.08	6,782.05	6,699.98	119.01	18.06	-39.81	510.56	-7,154.57	812.71	766.09	46.61	17.434		
14,300.00	6,812.68	6,804.00	6,720.61	120.66	18.08	-42.60	515.02	-7,160.64	716.85	668.35	48.50	14.781		
14,400.00	6,810.27	6,804.00	6,720.61	122.31	18.08	-42.60	515.02	-7,160.64	621.60	569.62	51.99	11.957		
14,500.00	6,807.86	6,804.00	6,720.61	123.96	18.08	-42.60	515.02	-7,160.64	528.11	471.24	56.86	9.287		
14,600.00	6,805.46	6,838.14	6,752.23	125.62	18.10	-48.04	521.68	-7,171.62	434.90	373.52	61.38	7.085		
14,700.00	6,803.05	6,857.14	6,769.54	127.27	18.11	-51.86	524.97	-7,178.71	344.92	275.20	69.72	4.947		
14,800.00	6,800.65	6,880.80	6,790.76	128.93	18.13	-57.57	528.65	-7,188.51	259.27	176.30	82.97	3.125		
14,900.00	6,798.24	6,911.34	6,817.52	130.58	18.14	-66.70	532.68	-7,202.65	182.30	76.84	105.46	1.729		
15,000.00	6,795.83	6,950.33	6,850.75	132.24	18.14	-81.21	536.47	-7,222.67	126.42	-13.09	139.51	0.906 Level 1		
15,061.99	6,794.34	6,979.27	6,874.68	133.27	18.14	-93.17	538.27	-7,238.85	114.64	-36.61	151.25	0.758 Level 1, CC, ES, SF		
15,100.00	6,793.43	7,000.00	6,891.38	133.89	18.14	-101.60	539.06	-7,251.10	118.98	-28.03	147.01	0.809 Level 1		
15,200.00	6,791.02	7,068.81	6,943.95	135.55	18.16	-124.50	540.90	-7,295.42	159.27	39.84	119.43	1.334 Level 3		
15,300.00	6,788.61	7,167.26	7,010.17	137.21	18.31	-142.96	543.67	-7,368.06	213.35	109.40	103.95	2.052		
15,383.95	6,786.59	7,280.70	7,070.48	138.60	18.79	-153.63	550.36	-7,463.69	253.01	151.81	101.20	2.500		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	
12,500.00	6,855.99	6,526.00	6,421.46	91.03	18.81	2.86	674.92	-7,100.45	2,476.19	2,441.80	34.38	72.015	
12,600.00	6,853.58	6,526.00	6,421.46	92.67	18.81	2.86	674.92	-7,100.45	2,377.93	2,343.38	34.55	68.827	
12,700.00	6,851.18	6,526.00	6,421.46	94.31	18.81	2.86	674.92	-7,100.45	2,279.82	2,245.08	34.74	65.626	
12,800.00	6,848.77	6,526.00	6,421.46	95.95	18.81	2.86	674.92	-7,100.45	2,181.88	2,146.92	34.96	62.409	
12,900.00	6,846.36	6,526.00	6,421.46	97.59	18.81	2.86	674.92	-7,100.45	2,084.14	2,048.92	35.22	59.176	
13,000.00	6,843.96	6,526.00	6,421.46	99.23	18.81	2.86	674.92	-7,100.45	1,986.62	1,951.10	35.52	55.926	
13,100.00	6,841.55	6,557.07	6,451.38	100.88	18.84	3.64	679.15	-7,107.62	1,888.78	1,853.11	35.66	52.960	
13,200.00	6,839.15	6,566.74	6,460.63	102.52	18.85	3.94	680.74	-7,109.97	1,791.37	1,755.41	35.96	49.821	
13,300.00	6,836.74	6,576.94	6,470.34	104.17	18.86	4.29	682.55	-7,112.51	1,694.13	1,657.85	36.28	46.694	
13,400.00	6,834.33	6,587.72	6,480.55	105.81	18.88	4.71	684.62	-7,115.26	1,597.09	1,560.44	36.65	43.580	
13,500.00	6,831.93	6,618.00	6,508.97	107.46	18.91	6.12	691.27	-7,123.34	1,500.50	1,463.67	36.84	40.732	
13,600.00	6,829.52	6,618.00	6,508.97	109.11	18.91	6.12	691.27	-7,123.34	1,403.70	1,366.27	37.44	37.497	
13,700.00	6,827.11	6,618.00	6,508.97	110.75	18.91	6.12	691.27	-7,123.34	1,307.38	1,269.21	38.18	34.246	
13,800.00	6,824.71	6,618.00	6,508.97	112.40	18.91	6.12	691.27	-7,123.34	1,211.66	1,172.56	39.10	30.988	
13,900.00	6,822.30	6,643.13	6,532.17	114.05	18.94	7.58	697.58	-7,130.63	1,115.98	1,076.31	39.67	28.131	
14,000.00	6,819.90	6,655.09	6,543.08	115.70	18.95	8.38	700.79	-7,134.36	1,021.08	980.38	40.70	25.087	
14,100.00	6,817.49	6,668.28	6,554.99	117.35	18.97	9.35	704.48	-7,138.65	926.84	884.87	41.97	22.084	
14,200.00	6,815.08	6,682.87	6,568.03	119.01	18.99	10.53	708.74	-7,143.63	833.43	789.88	43.55	19.136	
14,300.00	6,812.68	6,713.00	6,594.44	120.66	19.02	13.38	718.13	-7,154.65	741.32	696.21	45.11	16.433	
14,400.00	6,810.27	6,713.00	6,594.44	122.31	19.02	13.38	718.13	-7,154.65	650.05	601.63	48.42	13.425	
14,500.00	6,807.86	6,736.54	6,614.63	123.96	19.04	15.99	725.77	-7,164.05	560.83	508.91	51.92	10.803	
14,600.00	6,805.46	6,759.39	6,633.86	125.62	19.06	18.85	733.16	-7,173.94	474.18	417.21	56.97	8.323	
14,700.00	6,803.05	6,786.34	6,656.04	127.27	19.09	22.68	741.83	-7,186.54	391.18	326.91	64.27	6.087	
14,800.00	6,800.65	6,819.27	6,682.38	128.93	19.11	28.06	752.21	-7,203.35	313.73	238.55	75.17	4.173	
14,900.00	6,798.24	6,863.88	6,716.92	130.58	19.11	36.16	763.48	-7,229.18	244.51	153.49	91.02	2.686	
15,000.00	6,795.83	6,926.19	6,762.34	132.24	19.11	48.66	772.37	-7,270.79	186.54	74.35	112.19	1.663	
15,100.00	6,793.43	7,011.19	6,818.30	133.89	19.10	67.79	769.78	-7,334.46	139.49	5.68	133.81	1.042 Level 2	
15,200.00	6,791.02	7,081.67	6,857.24	135.55	19.23	86.18	763.61	-7,392.83	112.05	-40.91	152.96	0.733 Level 1	
15,257.08	6,789.65	7,127.89	6,878.68	136.50	19.44	98.01	759.98	-7,433.60	107.86	-46.38	154.24	0.699 Level 1, CC, ES, SF	
15,300.00	6,788.61	7,165.18	6,893.61	137.21	19.64	106.35	758.21	-7,467.72	109.77	-41.20	150.97	0.727 Level 1	
15,383.95	6,786.59	7,247.26	6,919.25	138.60	20.37	119.41	756.82	-7,545.61	119.76	-22.74	142.50	0.840 Level 1	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design										5N-67W-01 Offsets Incomplete - GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy PR Well - Actu				Offset Site Error:		0.00 usft	
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1860-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:		3.28 usft			
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
12,600.00	6,853.58	6,580.16	6,458.59	92.67	19.91	29.13	882.31	-7,123.15	2,403.92	2,366.76	37.16	64.698					
12,700.00	6,851.18	6,613.00	6,490.47	94.31	19.95	31.63	886.74	-7,129.70	2,306.56	2,269.01	37.55	61.419					
12,800.00	6,848.77	6,613.00	6,490.47	95.95	19.95	31.63	886.74	-7,129.70	2,208.54	2,170.59	37.95	58.199					
12,900.00	6,846.36	6,613.00	6,490.47	97.59	19.95	31.63	886.74	-7,129.70	2,110.71	2,072.30	38.40	54.962					
13,000.00	6,843.96	6,613.00	6,490.47	99.23	19.95	31.63	886.74	-7,129.70	2,013.08	1,974.15	38.93	51.712					
13,100.00	6,841.55	6,613.00	6,490.47	100.88	19.95	31.63	886.74	-7,129.70	1,915.70	1,876.16	39.54	48.450					
13,200.00	6,839.15	6,613.00	6,490.47	102.52	19.95	31.63	886.74	-7,129.70	1,818.61	1,778.36	40.25	45.182					
13,300.00	6,836.74	6,613.00	6,490.47	104.17	19.95	31.63	886.74	-7,129.70	1,721.85	1,680.77	41.08	41.912					
13,400.00	6,834.33	6,613.00	6,490.47	105.81	19.95	31.63	886.74	-7,129.70	1,625.48	1,583.42	42.06	38.650					
13,500.00	6,831.93	6,639.17	6,515.64	107.46	19.99	33.88	890.92	-7,135.50	1,529.13	1,486.01	43.12	35.463					
13,600.00	6,829.52	6,649.51	6,525.52	109.11	20.01	34.85	892.82	-7,137.87	1,433.32	1,388.90	44.42	32.269					
13,700.00	6,827.11	6,660.27	6,535.77	110.75	20.02	35.91	894.94	-7,140.38	1,337.96	1,292.00	45.95	29.115					
13,800.00	6,824.71	6,671.48	6,546.40	112.40	20.04	37.06	897.31	-7,143.04	1,243.14	1,195.35	47.79	26.013					
13,900.00	6,822.30	6,683.16	6,557.42	114.05	20.06	38.32	899.95	-7,145.86	1,148.98	1,098.99	49.99	22.983					
14,000.00	6,819.90	6,708.00	6,580.67	115.70	20.09	41.21	906.16	-7,152.02	1,055.79	1,003.08	52.71	20.031					
14,100.00	6,817.49	6,708.00	6,580.67	117.35	20.09	41.21	906.16	-7,152.02	963.36	907.42	55.94	17.222					
14,200.00	6,815.08	6,708.00	6,580.67	119.01	20.09	41.21	906.16	-7,152.02	872.61	812.71	59.90	14.568					
14,300.00	6,812.68	6,708.00	6,580.67	120.66	20.09	41.21	906.16	-7,152.02	784.11	719.32	64.79	12.103					
14,400.00	6,810.27	6,740.48	6,610.58	122.31	20.15	45.33	915.08	-7,160.98	697.11	625.95	71.16	9.796					
14,500.00	6,807.86	6,754.39	6,623.20	123.96	20.17	47.20	919.08	-7,165.27	614.25	535.25	79.00	7.775					
14,600.00	6,805.46	6,770.42	6,637.57	125.62	20.19	49.42	923.81	-7,170.55	536.44	447.56	88.88	6.036					
14,700.00	6,803.05	6,803.00	6,666.23	127.27	20.25	54.13	933.84	-7,182.37	466.31	364.77	101.54	4.592					
14,800.00	6,800.65	6,811.59	6,673.65	128.93	20.26	55.40	936.54	-7,185.74	406.27	290.78	115.49	3.518					
14,900.00	6,798.24	6,841.28	6,698.87	130.58	20.29	59.83	945.75	-7,198.42	361.94	231.40	130.53	2.773					
15,000.00	6,795.83	6,880.50	6,731.01	132.24	20.33	65.68	957.54	-7,217.53	337.57	194.64	142.93	2.362					
15,061.04	6,794.36	6,910.77	6,754.80	133.25	20.36	70.09	966.32	-7,234.05	333.53	185.80	147.73	2.258 CC					
15,100.00	6,793.43	6,933.28	6,771.84	133.89	20.37	73.26	972.65	-7,247.33	335.08	185.50	149.58	2.240 ES, SF					
15,200.00	6,791.02	7,011.08	6,825.99	135.55	20.40	83.15	993.03	-7,299.22	350.82	199.32	151.50	2.316					
15,300.00	6,788.61	7,176.58	6,919.00	137.21	20.42	98.63	1,017.69	-7,432.96	371.31	217.08	154.23	2.408					
15,383.95	6,786.59	7,264.98	6,957.12	138.60	20.64	104.59	1,019.85	-7,512.67	381.88	228.40	153.48	2.488					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13C-2-L - SRC Energy PR Well - Actua													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		
12,600.00	6,853.58	6,665.36	6,611.12	92.67	16.82	-69.72	-50.61	-7,132.04	2,476.38	2,427.71	48.67	50.877		
12,700.00	6,851.18	6,667.94	6,613.66	94.31	16.83	-69.90	-50.51	-7,132.42	2,381.26	2,331.24	50.02	47.606		
12,800.00	6,848.77	6,670.72	6,616.41	95.95	16.83	-70.10	-50.39	-7,132.84	2,286.53	2,235.05	51.49	44.410		
12,900.00	6,846.36	6,673.73	6,619.39	97.59	16.83	-70.31	-50.26	-7,133.31	2,192.26	2,139.17	53.09	41.293		
13,000.00	6,843.96	6,677.01	6,622.62	99.23	16.84	-70.54	-50.11	-7,133.84	2,098.50	2,043.66	54.84	38.263		
13,100.00	6,841.55	6,680.59	6,626.14	100.88	16.84	-70.80	-49.93	-7,134.45	2,005.32	1,948.55	56.77	35.324		
13,200.00	6,839.15	6,716.00	6,660.73	102.52	16.87	-73.31	-47.74	-7,141.66	1,913.78	1,854.91	58.88	32.505		
13,300.00	6,836.74	6,716.00	6,660.73	104.17	16.87	-73.31	-47.74	-7,141.66	1,821.77	1,760.57	61.20	29.769		
13,400.00	6,834.33	6,716.00	6,660.73	105.81	16.87	-73.31	-47.74	-7,141.66	1,730.64	1,666.87	63.77	27.141		
13,500.00	6,831.93	6,716.00	6,660.73	107.46	16.87	-73.31	-47.74	-7,141.66	1,640.54	1,573.93	66.61	24.628		
13,600.00	6,829.52	6,716.00	6,660.73	109.11	16.87	-73.31	-47.74	-7,141.66	1,551.66	1,481.88	69.78	22.237		
13,700.00	6,827.11	6,716.00	6,660.73	110.75	16.87	-73.31	-47.74	-7,141.66	1,464.21	1,390.90	73.30	19.974		
13,800.00	6,824.71	6,716.00	6,660.73	112.40	16.87	-73.31	-47.74	-7,141.66	1,378.47	1,301.23	77.24	17.848		
13,900.00	6,822.30	6,716.00	6,660.73	114.05	16.87	-73.31	-47.74	-7,141.66	1,294.78	1,213.16	81.62	15.864		
14,000.00	6,819.90	6,716.00	6,660.73	115.70	16.87	-73.31	-47.74	-7,141.66	1,213.55	1,127.05	86.51	14.029		
14,100.00	6,817.49	6,748.31	6,691.85	117.35	16.88	-75.64	-45.29	-7,150.00	1,134.31	1,042.54	91.78	12.360		
14,200.00	6,815.08	6,760.69	6,703.66	119.01	16.89	-76.55	-44.33	-7,153.58	1,058.82	961.10	97.71	10.836		
14,300.00	6,812.68	6,774.84	6,717.08	120.66	16.89	-77.58	-43.20	-7,157.92	987.32	883.10	104.22	9.473		
14,400.00	6,810.27	6,791.16	6,732.44	122.31	16.90	-78.78	-41.88	-7,163.28	920.66	809.40	111.26	8.275		
14,500.00	6,807.86	6,811.00	6,750.93	123.96	16.90	-80.25	-40.24	-7,170.28	859.82	741.14	118.69	7.244		
14,600.00	6,805.46	6,811.00	6,750.93	125.62	16.90	-80.25	-40.24	-7,170.28	806.39	679.93	126.47	6.376		
14,700.00	6,803.05	6,842.94	6,780.23	127.27	16.91	-82.62	-37.98	-7,182.78	760.98	627.16	133.83	5.686		
14,800.00	6,800.65	6,863.12	6,798.40	128.93	16.91	-84.11	-36.99	-7,191.50	725.89	585.34	140.55	5.165		
14,900.00	6,798.24	6,886.75	6,819.30	130.58	16.92	-85.85	-36.25	-7,202.49	702.05	556.12	145.93	4.811		
15,000.00	6,795.83	6,905.00	6,835.14	132.24	16.92	-87.18	-36.01	-7,211.56	690.37	540.98	149.38	4.621		
15,043.75	6,794.78	6,923.82	6,851.22	132.96	16.93	-88.54	-36.15	-7,221.34	689.06	538.75	150.31	4.584 CC, ES		
15,100.00	6,793.43	6,938.65	6,863.72	133.89	16.94	-89.59	-36.61	-7,229.30	691.05	540.26	150.79	4.583 SF		
15,200.00	6,791.02	6,967.25	6,887.38	135.55	16.96	-91.59	-38.38	-7,245.25	704.11	554.07	150.03	4.693		
15,300.00	6,788.61	6,999.39	6,913.20	137.21	16.99	-93.74	-41.74	-7,264.09	728.47	580.86	147.61	4.935		
15,383.95	6,786.59	7,043.23	6,947.02	138.60	17.06	-96.50	-47.85	-7,291.29	756.09	610.77	145.33	5.203		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 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	
12,700.00	6,851.18	6,524.00	6,464.40	94.31	16.68	-65.78	-255.49	-7,132.51	2,473.06	2,417.08	55.98	44.175	
12,800.00	6,848.77	6,524.00	6,464.40	95.95	16.68	-65.78	-255.49	-7,132.51	2,381.87	2,324.07	57.80	41.212	
12,900.00	6,846.36	6,524.00	6,464.40	97.59	16.68	-65.78	-255.49	-7,132.51	2,291.40	2,231.65	59.75	38.347	
13,000.00	6,843.96	6,524.00	6,464.40	99.23	16.68	-65.78	-255.49	-7,132.51	2,201.76	2,139.89	61.87	35.585	
13,100.00	6,841.55	6,524.00	6,464.40	100.88	16.68	-65.78	-255.49	-7,132.51	2,113.06	2,048.89	64.17	32.929	
13,200.00	6,839.15	6,524.00	6,464.40	102.52	16.68	-65.78	-255.49	-7,132.51	2,025.40	1,958.74	66.66	30.385	
13,300.00	6,836.74	6,524.00	6,464.40	104.17	16.68	-65.78	-255.49	-7,132.51	1,938.94	1,869.58	69.36	27.955	
13,400.00	6,834.33	6,524.00	6,464.40	105.81	16.68	-65.78	-255.49	-7,132.51	1,853.84	1,781.55	72.29	25.644	
13,500.00	6,831.93	6,553.65	6,493.18	107.46	16.69	-67.34	-256.33	-7,139.57	1,769.57	1,694.04	75.53	23.429	
13,600.00	6,829.52	6,561.95	6,501.19	109.11	16.70	-67.78	-256.57	-7,141.74	1,687.35	1,608.35	79.00	21.359	
13,700.00	6,827.11	6,571.01	6,509.91	110.75	16.70	-68.26	-256.83	-7,144.20	1,607.02	1,524.25	82.77	19.416	
13,800.00	6,824.71	6,580.93	6,519.42	112.40	16.70	-68.79	-257.11	-7,147.01	1,528.85	1,442.00	86.85	17.603	
13,900.00	6,822.30	6,591.85	6,529.85	114.05	16.71	-69.37	-257.42	-7,150.25	1,453.17	1,361.90	91.26	15.923	
14,000.00	6,819.90	6,616.00	6,552.73	115.70	16.72	-70.67	-258.12	-7,157.91	1,380.47	1,284.45	96.02	14.377	
14,100.00	6,817.49	6,616.00	6,552.73	117.35	16.72	-70.67	-258.12	-7,157.91	1,310.83	1,209.74	101.09	12.966	
14,200.00	6,815.08	6,616.00	6,552.73	119.01	16.72	-70.67	-258.12	-7,157.91	1,245.34	1,138.88	106.46	11.698	
14,300.00	6,812.68	6,616.00	6,552.73	120.66	16.72	-70.67	-258.12	-7,157.91	1,184.68	1,072.62	112.05	10.573	
14,400.00	6,810.27	6,647.43	6,582.14	122.31	16.72	-72.37	-259.69	-7,168.89	1,128.29	1,010.33	117.96	9.565	
14,500.00	6,807.86	6,659.17	6,592.99	123.96	16.72	-73.02	-260.62	-7,173.27	1,078.50	954.68	123.83	8.710	
14,600.00	6,805.46	6,671.81	6,604.59	125.62	16.73	-73.71	-261.83	-7,178.15	1,035.58	906.03	129.55	7.994	
14,700.00	6,803.05	6,709.00	6,638.12	127.27	16.74	-75.76	-266.63	-7,193.49	1,001.11	865.94	135.17	7.406	
14,800.00	6,800.65	6,709.00	6,638.12	128.93	16.74	-75.76	-266.63	-7,193.49	973.71	833.95	139.75	6.967	
14,900.00	6,798.24	6,722.75	6,650.27	130.58	16.74	-76.51	-268.74	-7,199.55	955.90	812.32	143.58	6.658	
15,000.00	6,795.83	6,759.32	6,681.96	132.24	16.75	-78.48	-274.35	-7,216.92	947.05	800.28	146.77	6.453	
15,054.67	6,794.52	6,783.09	6,702.00	133.14	16.76	-79.73	-277.97	-7,229.16	945.82	797.69	148.14	6.385 CC	
15,100.00	6,793.43	6,806.60	6,721.39	133.89	16.77	-80.95	-281.54	-7,241.99	946.64	797.53	149.11	6.349 ES	
15,200.00	6,791.02	6,964.86	6,838.75	135.55	17.02	-88.25	-297.25	-7,346.27	951.19	798.49	152.70	6.229	
15,300.00	6,788.61	7,081.42	6,906.25	137.21	17.58	-92.45	-299.65	-7,441.01	954.49	799.38	155.10	6.154	
15,383.95	6,786.59	7,188.19	6,948.86	138.60	18.56	-95.14	-299.93	-7,538.69	957.52	800.08	157.45	6.082 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13N-2C-L - SRC Energy PR Well - Actu													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1952-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	6,848.77	6,561.21	6,495.90	95.95	17.09	-70.97	-440.16	-7,133.46	2,452.98	2,388.77	64.21	38.203		
12,900.00	6,846.36	6,563.54	6,498.19	97.59	17.10	-71.08	-440.48	-7,133.77	2,365.24	2,298.79	66.45	35.596		
13,000.00	6,843.96	6,566.01	6,500.62	99.23	17.10	-71.20	-440.82	-7,134.09	2,278.50	2,209.65	68.85	33.095		
13,100.00	6,841.55	6,568.63	6,503.19	100.88	17.10	-71.33	-441.18	-7,134.45	2,192.88	2,121.45	71.42	30.702		
13,200.00	6,839.15	6,571.42	6,505.92	102.52	17.11	-71.46	-441.57	-7,134.83	2,108.50	2,034.31	74.19	28.419		
13,300.00	6,836.74	6,574.38	6,508.82	104.17	17.11	-71.61	-441.99	-7,135.26	2,025.54	1,948.37	77.17	26.249		
13,400.00	6,834.33	6,577.54	6,511.92	105.81	17.12	-71.76	-442.45	-7,135.72	1,944.16	1,863.80	80.36	24.194		
13,500.00	6,831.93	6,580.93	6,515.23	107.46	17.12	-71.92	-442.94	-7,136.23	1,864.57	1,780.79	83.78	22.256		
13,600.00	6,829.52	6,615.00	6,548.34	109.11	17.17	-73.59	-448.35	-7,142.16	1,787.93	1,700.19	87.75	20.376		
13,700.00	6,827.11	6,615.00	6,548.34	110.75	17.17	-73.59	-448.35	-7,142.16	1,712.45	1,620.82	91.63	18.688		
13,800.00	6,824.71	6,615.00	6,548.34	112.40	17.17	-73.59	-448.35	-7,142.16	1,639.60	1,543.84	95.77	17.121		
13,900.00	6,822.30	6,615.00	6,548.34	114.05	17.17	-73.59	-448.35	-7,142.16	1,569.74	1,469.60	100.14	15.675		
14,000.00	6,819.90	6,615.00	6,548.34	115.70	17.17	-73.59	-448.35	-7,142.16	1,503.30	1,398.56	104.74	14.353		
14,100.00	6,817.49	6,615.00	6,548.34	117.35	17.17	-73.59	-448.35	-7,142.16	1,440.73	1,331.20	109.52	13.155		
14,200.00	6,815.08	6,615.00	6,548.34	119.01	17.17	-73.59	-448.35	-7,142.16	1,382.57	1,268.13	114.44	12.081		
14,300.00	6,812.68	6,633.59	6,566.28	120.66	17.18	-74.49	-451.29	-7,146.05	1,329.31	1,209.64	119.67	11.108		
14,400.00	6,810.27	6,673.07	6,604.17	122.31	17.20	-76.40	-456.08	-7,156.01	1,281.17	1,156.09	125.08	10.243		
14,500.00	6,807.86	6,803.00	6,725.68	123.96	17.24	-82.53	-457.01	-7,201.29	1,236.53	1,106.18	130.35	9.486		
14,600.00	6,805.46	6,840.69	6,759.59	125.62	17.24	-84.26	-453.78	-7,217.39	1,196.34	1,061.26	135.08	8.856		
14,700.00	6,803.05	6,866.62	6,782.24	127.27	17.25	-85.43	-451.58	-7,229.82	1,162.70	1,023.17	139.53	8.333		
14,800.00	6,800.65	6,898.00	6,808.81	128.93	17.25	-86.81	-448.95	-7,246.29	1,135.68	992.20	143.48	7.915		
14,900.00	6,798.24	6,898.00	6,808.81	130.58	17.25	-86.81	-448.95	-7,246.29	1,116.24	969.35	146.89	7.599		
15,000.00	6,795.83	6,941.20	6,843.43	132.24	17.30	-88.64	-446.37	-7,271.96	1,103.47	953.91	149.56	7.378		
15,100.00	6,793.43	6,990.00	6,878.98	133.89	17.35	-90.53	-445.97	-7,305.34	1,099.21	947.64	151.57	7.252		
15,126.18	6,792.80	6,990.00	6,878.98	134.33	17.35	-90.53	-445.97	-7,305.34	1,098.89	946.97	151.92	7.233 CC, ES		
15,200.00	6,791.02	6,990.00	6,878.98	135.55	17.35	-90.53	-445.97	-7,305.34	1,101.37	948.85	152.52	7.221 SF		
15,300.00	6,788.61	7,029.04	6,904.64	137.21	17.45	-91.90	-447.84	-7,334.68	1,110.91	957.76	153.14	7.254		
15,383.95	6,786.59	7,056.59	6,921.34	138.60	17.52	-92.79	-450.51	-7,356.42	1,124.18	971.05	153.13	7.341		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-67W-01 Offsets Incomplete - GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR Well - Actua		Offset Site Error:		0.00 usft	
Survey Program:											20-SRC Energy_ISCWSA REV 2 MWD, 1957-SRC Energy_ISCWSA REV 2 MWD+IFR1		Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
12,600.00	6,853.58	6,807.00	6,633.41	92.67	23.13	70.45	1,320.53	-7,136.82	2,471.41	2,420.38	51.03	48.434				
12,700.00	6,851.18	6,807.00	6,633.41	94.31	23.13	70.45	1,320.53	-7,136.82	2,375.78	2,323.52	52.27	45.455				
12,800.00	6,848.77	6,807.00	6,633.41	95.95	23.13	70.45	1,320.53	-7,136.82	2,280.53	2,226.90	53.63	42.521				
12,900.00	6,846.36	6,807.00	6,633.41	97.59	23.13	70.45	1,320.53	-7,136.82	2,185.71	2,130.57	55.14	39.639				
13,000.00	6,843.96	6,807.00	6,633.41	99.23	23.13	70.45	1,320.53	-7,136.82	2,091.37	2,034.56	56.81	36.816				
13,100.00	6,841.55	6,807.00	6,633.41	100.88	23.13	70.45	1,320.53	-7,136.82	1,997.57	1,938.93	58.65	34.061				
13,200.00	6,839.15	6,807.00	6,633.41	102.52	23.13	70.45	1,320.53	-7,136.82	1,904.41	1,843.72	60.69	31.380				
13,300.00	6,836.74	6,807.00	6,633.41	104.17	23.13	70.45	1,320.53	-7,136.82	1,811.98	1,749.03	62.96	28.782				
13,400.00	6,834.33	6,807.00	6,633.41	105.81	23.13	70.45	1,320.53	-7,136.82	1,720.40	1,654.92	65.48	26.274				
13,500.00	6,831.93	6,807.00	6,633.41	107.46	23.13	70.45	1,320.53	-7,136.82	1,629.80	1,561.51	68.29	23.866				
13,600.00	6,829.52	6,807.00	6,633.41	109.11	23.13	70.45	1,320.53	-7,136.82	1,540.37	1,468.94	71.43	21.565				
13,700.00	6,827.11	6,807.00	6,633.41	110.75	23.13	70.45	1,320.53	-7,136.82	1,452.32	1,377.38	74.94	19.381				
13,800.00	6,824.71	6,807.00	6,633.41	112.40	23.13	70.45	1,320.53	-7,136.82	1,365.92	1,287.05	78.86	17.320				
13,900.00	6,822.30	6,807.00	6,633.41	114.05	23.13	70.45	1,320.53	-7,136.82	1,281.49	1,198.23	83.26	15.391				
14,000.00	6,819.90	6,807.00	6,633.41	115.70	23.13	70.45	1,320.53	-7,136.82	1,199.46	1,111.28	88.18	13.603				
14,100.00	6,817.49	6,807.00	6,633.41	117.35	23.13	70.45	1,320.53	-7,136.82	1,120.36	1,026.70	93.66	11.962				
14,200.00	6,815.08	6,807.00	6,633.41	119.01	23.13	70.45	1,320.53	-7,136.82	1,044.84	945.11	99.73	10.477				
14,300.00	6,812.68	6,807.00	6,633.41	120.66	23.13	70.45	1,320.53	-7,136.82	973.74	867.36	106.38	9.153				
14,400.00	6,810.27	6,807.00	6,633.41	122.31	23.13	70.45	1,320.53	-7,136.82	908.11	794.56	113.55	7.998				
14,500.00	6,807.86	6,807.00	6,633.41	123.96	23.13	70.45	1,320.53	-7,136.82	849.21	728.17	121.04	7.016				
14,600.00	6,805.46	6,807.00	6,633.41	125.62	23.13	70.45	1,320.53	-7,136.82	798.53	669.98	128.55	6.212				
14,700.00	6,803.05	6,807.00	6,633.41	127.27	23.13	70.45	1,320.53	-7,136.82	757.72	622.14	135.57	5.589				
14,800.00	6,800.65	6,807.00	6,633.41	128.93	23.13	70.45	1,320.53	-7,136.82	728.44	586.96	141.48	5.149				
14,900.00	6,798.24	6,789.62	6,617.29	130.58	23.05	69.04	1,314.08	-7,137.43	711.74	566.90	144.84	4.914				
14,968.68	6,796.59	6,787.25	6,615.08	131.72	23.04	68.85	1,313.22	-7,137.53	708.42	562.10	146.32	4.842 CC, ES				
15,000.00	6,795.83	6,786.14	6,614.04	132.24	23.04	68.76	1,312.82	-7,137.57	709.11	562.48	146.63	4.836 SF				
15,100.00	6,793.43	6,782.45	6,610.60	133.89	23.02	68.47	1,311.50	-7,137.73	720.46	574.36	146.11	4.931				
15,200.00	6,791.02	6,778.55	6,606.95	135.55	23.01	68.15	1,310.12	-7,137.90	745.15	601.60	143.54	5.191				
15,300.00	6,788.61	7,288.29	7,039.92	137.21	23.54	103.37	1,385.71	-7,346.66	764.68	613.62	151.07	5.062				
15,383.95	6,786.59	7,351.72	7,078.08	138.60	23.50	106.25	1,385.66	-7,397.29	781.02	631.06	149.97	5.208				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 32N-2B-L - SRC Energy PR Well - Actu													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,853.58	6,620.00	6,474.89	92.67	21.53	49.05	1,109.09	-7,115.26	2,425.89	2,382.31	43.58	55.662		
12,700.00	6,851.18	6,620.00	6,474.89	94.31	21.53	49.05	1,109.09	-7,115.26	2,329.18	2,284.76	44.41	52.442		
12,800.00	6,848.77	6,620.00	6,474.89	95.95	21.53	49.05	1,109.09	-7,115.26	2,232.76	2,187.41	45.35	49.239		
12,900.00	6,846.36	6,620.00	6,474.89	97.59	21.53	49.05	1,109.09	-7,115.26	2,136.66	2,090.27	46.39	46.059		
13,000.00	6,843.96	6,620.00	6,474.89	99.23	21.53	49.05	1,109.09	-7,115.26	2,040.95	1,993.38	47.56	42.911		
13,100.00	6,841.55	6,620.00	6,474.89	100.88	21.53	49.05	1,109.09	-7,115.26	1,945.66	1,896.78	48.88	39.805		
13,200.00	6,839.15	6,620.00	6,474.89	102.52	21.53	49.05	1,109.09	-7,115.26	1,850.87	1,800.51	50.37	36.749		
13,300.00	6,836.74	6,650.94	6,504.94	104.17	21.56	51.57	1,113.88	-7,120.81	1,755.91	1,703.79	52.12	33.688		
13,400.00	6,834.33	6,657.79	6,511.59	105.81	21.57	52.14	1,114.75	-7,122.23	1,662.01	1,607.98	54.02	30.765		
13,500.00	6,831.93	6,665.44	6,519.00	107.46	21.58	52.77	1,115.65	-7,123.89	1,568.77	1,512.60	56.17	27.928		
13,600.00	6,829.52	6,674.04	6,527.32	109.11	21.59	53.48	1,116.55	-7,125.86	1,476.31	1,417.70	58.61	25.190		
13,700.00	6,827.11	6,683.77	6,536.72	110.75	21.60	54.30	1,117.45	-7,128.22	1,384.75	1,323.38	61.37	22.563		
13,800.00	6,824.71	6,712.00	6,563.84	112.40	21.63	56.68	1,119.25	-7,135.82	1,294.49	1,230.06	64.43	20.091		
13,900.00	6,822.30	6,712.00	6,563.84	114.05	21.63	56.68	1,119.25	-7,135.82	1,205.06	1,136.98	68.08	17.701		
14,000.00	6,819.90	6,712.00	6,563.84	115.70	21.63	56.68	1,119.25	-7,135.82	1,117.41	1,045.12	72.29	15.458		
14,100.00	6,817.49	6,712.00	6,563.84	117.35	21.63	56.68	1,119.25	-7,135.82	1,032.01	954.87	77.15	13.377		
14,200.00	6,815.08	6,743.01	6,593.30	119.01	21.64	59.38	1,120.81	-7,145.38	948.30	865.79	82.51	11.493		
14,300.00	6,812.68	6,757.00	6,606.44	120.66	21.64	60.64	1,121.67	-7,150.09	868.06	779.16	88.90	9.765		
14,400.00	6,810.27	6,772.66	6,621.05	122.31	21.65	62.08	1,122.73	-7,155.64	791.72	695.47	96.25	8.226		
14,500.00	6,807.86	6,806.00	6,651.71	123.96	21.66	65.22	1,125.37	-7,168.44	720.73	616.20	104.52	6.895		
14,600.00	6,805.46	6,806.00	6,651.71	125.62	21.66	65.22	1,125.37	-7,168.44	655.58	541.59	114.00	5.751		
14,700.00	6,803.05	6,829.97	6,673.38	127.27	21.67	67.55	1,127.76	-7,178.42	599.19	475.18	124.01	4.832		
14,800.00	6,800.65	6,852.30	6,693.24	128.93	21.68	69.76	1,130.52	-7,188.23	553.69	419.71	133.98	4.133		
14,900.00	6,798.24	6,877.20	6,715.01	130.58	21.69	72.25	1,134.21	-7,199.74	521.62	378.90	142.72	3.655		
15,000.00	6,795.83	6,899.00	6,733.70	132.24	21.71	74.43	1,137.97	-7,210.31	505.24	356.58	148.66	3.399		
15,049.42	6,794.64	6,921.93	6,752.93	133.06	21.72	76.70	1,142.36	-7,221.99	503.16	352.52	150.64	3.340 CC, ES		
15,100.00	6,793.43	6,940.27	6,767.96	133.89	21.73	78.49	1,146.15	-7,231.80	505.23	353.68	151.56	3.334 SF		
15,200.00	6,791.02	6,981.83	6,800.73	135.55	21.76	82.39	1,155.59	-7,255.53	520.86	369.83	151.03	3.449		
15,300.00	6,788.61	7,116.11	6,892.54	137.21	21.79	92.90	1,183.15	-7,348.92	545.82	393.21	152.61	3.577		
15,383.95	6,786.59	7,217.64	6,944.77	138.60	21.80	98.50	1,196.42	-7,434.81	563.60	410.28	153.32	3.676		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-67W-01 Offsets Incomplete - GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy PR Well - Actu													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,853.58	6,529.00	6,471.25	92.67	16.75	-53.54	111.81	-7,134.74	2,460.28	2,416.96	43.32	56.793		
12,700.00	6,851.18	6,529.00	6,471.25	94.31	16.75	-53.54	111.81	-7,134.74	2,364.24	2,319.91	44.34	53.327		
12,800.00	6,848.77	6,529.00	6,471.25	95.95	16.75	-53.54	111.81	-7,134.74	2,268.55	2,223.10	45.45	49.913		
12,900.00	6,846.36	6,529.00	6,471.25	97.59	16.75	-53.54	111.81	-7,134.74	2,173.24	2,126.57	46.68	46.559		
13,000.00	6,843.96	6,529.00	6,471.25	99.23	16.75	-53.54	111.81	-7,134.74	2,078.38	2,030.35	48.03	43.271		
13,100.00	6,841.55	6,529.00	6,471.25	100.88	16.75	-53.54	111.81	-7,134.74	1,984.02	1,934.49	49.53	40.056		
13,200.00	6,839.15	6,529.00	6,471.25	102.52	16.75	-53.54	111.81	-7,134.74	1,890.24	1,839.04	51.19	36.923		
13,300.00	6,836.74	6,529.00	6,471.25	104.17	16.75	-53.54	111.81	-7,134.74	1,797.13	1,744.08	53.04	33.880		
13,400.00	6,834.33	6,560.30	6,501.63	105.81	16.76	-55.65	112.75	-7,142.20	1,703.82	1,648.80	55.01	30.972		
13,500.00	6,831.93	6,567.60	6,508.66	107.46	16.76	-56.15	113.00	-7,144.15	1,611.87	1,554.60	57.28	28.142		
13,600.00	6,829.52	6,575.60	6,516.34	109.11	16.76	-56.71	113.28	-7,146.38	1,520.82	1,461.02	59.81	25.428		
13,700.00	6,827.11	6,584.42	6,524.76	110.75	16.77	-57.32	113.60	-7,148.95	1,430.82	1,368.16	62.65	22.837		
13,800.00	6,824.71	6,594.16	6,534.03	112.40	16.77	-58.02	113.97	-7,151.92	1,342.03	1,276.18	65.86	20.378		
13,900.00	6,822.30	6,621.00	6,559.32	114.05	16.78	-59.96	115.07	-7,160.83	1,254.97	1,185.63	69.35	18.097		
14,000.00	6,819.90	6,621.00	6,559.32	115.70	16.78	-59.96	115.07	-7,160.83	1,169.12	1,095.58	73.53	15.899		
14,100.00	6,817.49	6,621.00	6,559.32	117.35	16.78	-59.96	115.07	-7,160.83	1,085.68	1,007.38	78.30	13.866		
14,200.00	6,815.08	6,621.00	6,559.32	119.01	16.78	-59.96	115.07	-7,160.83	1,005.28	921.56	83.72	12.008		
14,300.00	6,812.68	6,660.30	6,595.63	120.66	16.79	-62.91	116.69	-7,175.79	926.80	837.33	89.47	10.358		
14,400.00	6,810.27	6,678.59	6,612.19	122.31	16.79	-64.31	117.38	-7,183.51	852.83	756.61	96.22	8.863		
14,500.00	6,807.86	6,714.00	6,643.59	123.96	16.80	-67.10	118.59	-7,199.81	783.87	680.32	103.56	7.569		
14,600.00	6,805.46	6,714.00	6,643.59	125.62	16.80	-67.10	118.59	-7,199.81	720.38	608.28	112.10	6.426		
14,700.00	6,803.05	6,751.86	6,676.06	127.27	16.82	-70.12	119.78	-7,219.24	664.07	543.35	120.72	5.501		
14,800.00	6,800.65	6,785.38	6,703.69	128.93	16.83	-72.80	120.80	-7,238.18	616.44	486.94	129.50	4.760		
14,900.00	6,798.24	6,827.10	6,736.48	130.58	16.88	-76.11	122.06	-7,263.93	578.60	440.90	137.70	4.202		
15,000.00	6,795.83	6,881.24	6,775.94	132.24	16.97	-80.24	124.20	-7,300.90	550.90	406.29	144.61	3.810		
15,100.00	6,793.43	6,948.55	6,819.69	133.89	17.20	-85.00	127.75	-7,351.87	532.60	382.78	149.83	3.555		
15,200.00	6,791.02	7,026.10	6,862.52	135.55	17.61	-89.83	132.71	-7,416.27	521.86	368.38	153.48	3.400		
15,300.00	6,788.61	7,111.25	6,898.87	137.21	18.33	-94.06	137.79	-7,493.02	517.02	360.89	156.13	3.311		
15,383.95	6,786.59	7,191.04	6,925.59	138.60	19.25	-97.26	142.08	-7,568.06	515.55	357.45	158.10	3.261	CC, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1777-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,853.58	6,575.61	6,509.29	92.67	17.18	-42.09	326.04	-7,137.09	2,418.12	2,379.98	38.14	63.399		
12,700.00	6,851.18	6,578.44	6,512.08	94.31	17.18	-42.32	326.01	-7,137.59	2,320.25	2,281.54	38.71	59.939		
12,800.00	6,848.77	6,581.47	6,515.06	95.95	17.18	-42.56	325.98	-7,138.13	2,222.54	2,183.20	39.34	56.494		
12,900.00	6,846.36	6,618.00	6,550.71	97.59	17.21	-45.67	325.17	-7,146.01	2,126.31	2,086.22	40.10	53.028		
13,000.00	6,843.96	6,618.00	6,550.71	99.23	17.21	-45.67	325.17	-7,146.01	2,028.77	1,987.91	40.86	49.648		
13,100.00	6,841.55	6,618.00	6,550.71	100.88	17.21	-45.67	325.17	-7,146.01	1,931.48	1,889.76	41.72	46.293		
13,200.00	6,839.15	6,618.00	6,550.71	102.52	17.21	-45.67	325.17	-7,146.01	1,834.48	1,791.79	42.69	42.968		
13,300.00	6,836.74	6,618.00	6,550.71	104.17	17.21	-45.67	325.17	-7,146.01	1,737.82	1,694.03	43.80	39.681		
13,400.00	6,834.33	6,618.00	6,550.71	105.81	17.21	-45.67	325.17	-7,146.01	1,641.56	1,596.51	45.05	36.439		
13,500.00	6,831.93	6,618.00	6,550.71	107.46	17.21	-45.67	325.17	-7,146.01	1,545.78	1,499.29	46.49	33.252		
13,600.00	6,829.52	6,618.00	6,550.71	109.11	17.21	-45.67	325.17	-7,146.01	1,450.56	1,402.42	48.14	30.132		
13,700.00	6,827.11	6,618.00	6,550.71	110.75	17.21	-45.67	325.17	-7,146.01	1,356.04	1,305.98	50.06	27.091		
13,800.00	6,824.71	6,618.00	6,550.71	112.40	17.21	-45.67	325.17	-7,146.01	1,262.35	1,210.07	52.29	24.143		
13,900.00	6,822.30	6,647.58	6,579.23	114.05	17.22	-48.40	324.66	-7,153.83	1,168.96	1,114.24	54.72	21.363		
14,000.00	6,819.90	6,661.20	6,592.26	115.70	17.23	-49.70	324.74	-7,157.78	1,076.75	1,019.10	57.65	18.678		
14,100.00	6,817.49	6,676.59	6,606.91	117.35	17.23	-51.21	325.07	-7,162.51	985.66	924.57	61.08	16.136		
14,200.00	6,815.08	6,694.12	6,623.47	119.01	17.24	-52.97	325.75	-7,168.21	895.93	830.79	65.14	13.754		
14,300.00	6,812.68	6,713.00	6,641.15	120.66	17.24	-54.93	326.85	-7,174.74	807.88	737.90	69.98	11.544		
14,400.00	6,810.27	6,733.16	6,659.81	122.31	17.25	-57.09	328.36	-7,182.22	722.05	646.22	75.82	9.523		
14,500.00	6,807.86	6,755.59	6,680.27	123.96	17.26	-59.59	330.35	-7,191.18	639.16	556.24	82.92	7.708		
14,600.00	6,805.46	6,782.13	6,704.04	125.62	17.26	-62.67	333.15	-7,202.65	560.15	468.64	91.52	6.121		
14,700.00	6,803.05	6,808.00	6,726.69	127.27	17.27	-65.80	336.31	-7,214.73	486.38	384.29	102.09	4.764		
14,800.00	6,800.65	6,846.91	6,759.69	128.93	17.29	-70.74	341.61	-7,234.64	419.84	305.63	114.21	3.676		
14,900.00	6,798.24	6,888.41	6,793.27	130.58	17.32	-76.26	347.71	-7,258.25	363.43	235.70	127.74	2.845		
15,000.00	6,795.83	6,930.89	6,825.81	132.24	17.36	-82.11	353.87	-7,284.83	320.80	179.75	141.06	2.274		
15,100.00	6,793.43	6,978.50	6,860.14	133.89	17.42	-88.77	358.86	-7,317.41	296.89	146.43	150.46	1.973		
15,163.07	6,791.91	7,010.12	6,881.61	134.94	17.48	-93.08	360.87	-7,340.53	292.51	139.71	152.80	1.914 CC, ES, SF		
15,200.00	6,791.02	7,028.38	6,893.57	135.55	17.53	-95.48	361.27	-7,354.33	294.00	141.27	152.72	1.925		
15,300.00	6,788.61	7,086.00	6,929.00	137.21	17.70	-102.35	358.59	-7,399.63	311.67	163.02	148.65	2.097		
15,383.95	6,786.59	7,141.73	6,959.40	138.60	18.00	-107.65	351.50	-7,445.77	337.72	193.90	143.82	2.348		

Hewlett-Packard

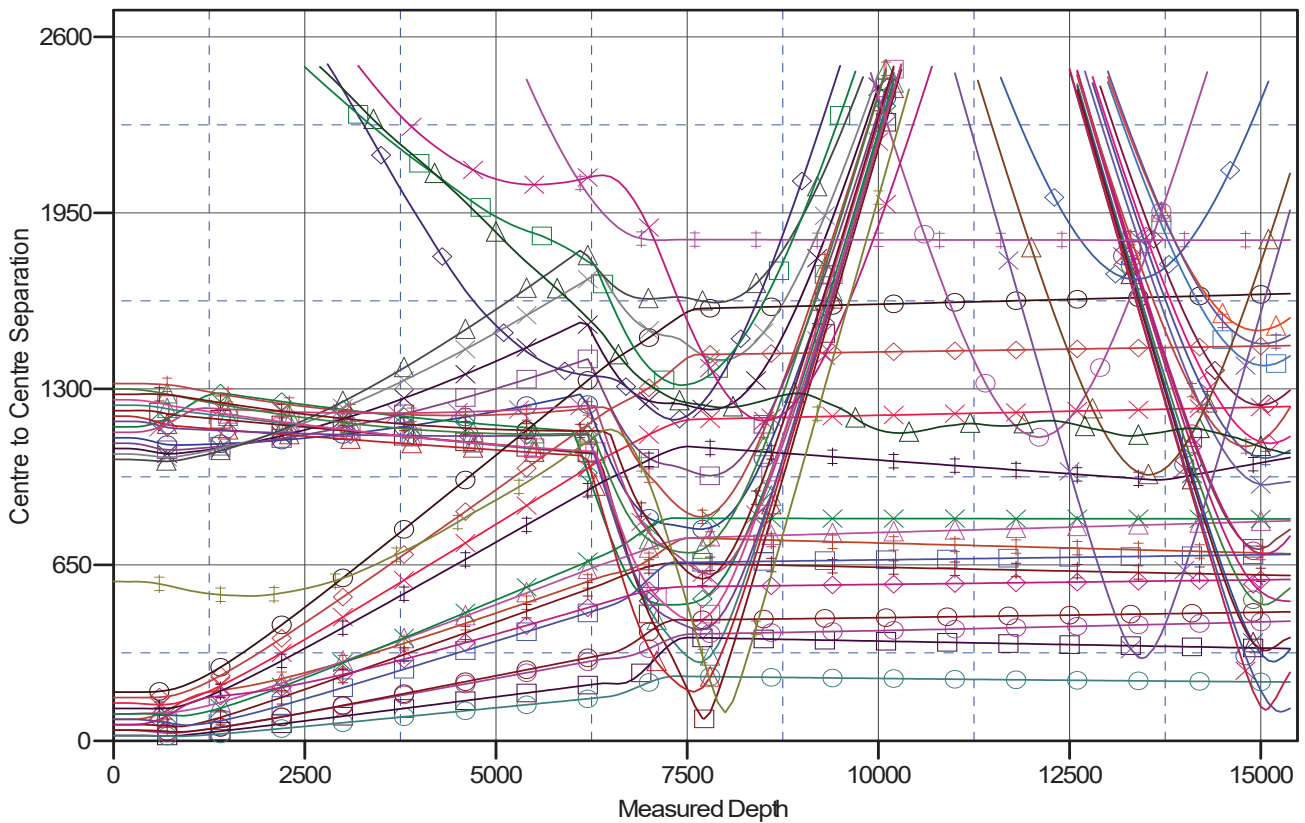
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are 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 12N-6A-M
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.45°

Ladder Plot



LEGEND

VOLT 36N8B-L, Wellbore#1, Design #1V0	VOLT 11N8B-L, Wellbore#1, Design #1V0	Buffederal32N-2C-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 11N8B-L, Wellbore#1, Design #1V0	VOLT 13N6M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 13N2B-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 33O6-M, Wellbore#1, Design #1V0	VOLT 34N6M, Wellbore#1, Design #1V0	GREELEY-RD THE 34N-2B-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 13O6-M, Wellbore#1, Design #1V0	VOLT 34O6-M, Wellbore#1, Design #1V0	Buffederal32N-2B-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 14N8B-L, Wellbore#1, Design #1V0	VOLT 12G2-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 12N2C-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 23N6A-L, Wellbore#1, Design #1V0	VOLT 25G2-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 13G2-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 12N6B-M, Wellbore#1, Design #1V0	VOLT 32O6-L, Wellbore#1, Design #1V0	BRANDONR, PDCS Well, Actual MS Energy Survey V0
VOLT 11G3-L, Wellbore#1, Design #1V0	VOLT 32O6-M, Wellbore#1, Design #1V0	WILKEN 15-6, PDCS Well, No Survey V0
VOLT 13N6B-M, Wellbore#1, Design #1V0	VOLT 12N6M, Wellbore#1, Design #1V0	SOUTH6-22D, SRDP&A Well, Actual VBS Survey V0
VOLT 32N6B-M, Wellbore#1, Design #1V0	VOLT 33N6A-M, Wellbore#1, Design #1V0	SOUTH6-24D, SRDP&A Well, VES Gyro Survey V0
VOLT 25N6C-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 32N2B-L, SRC Energy PR Well, Actual BH Survey V0	SOUTH6-23D, SRDP&A Well, Actual VBS Survey V0
VOLT 34N6B-M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 32G2-L, SRC Energy PR Well, Actual BH Survey V0	GOSTFARM28B8-L, Wellbore#1, Design #1V0
VOLT 14N8C-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 12N2A-L, SRC Energy PR Well, Actual BH Survey V0	WEDMAN2-5, Noble Energy PR Well, Actual Qrestd Survey (Grid to True) V0
VOLT 33N6M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 13N2C-L, SRC Energy PR Well, Actual BH Survey V0	BOOMERANG28C-3-L, SRC Energy PR Well, Actual BH Survey V0
VOLT 23N6B-L, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 12G2-L, SRC Energy PR Well, Actual BH Survey V0	WEDMAN2-5, Noble Energy PR Well, Actual Qrestd Survey (Grid to True) V0
VOLT 32N6A-M, Wellbore#1, Design #1V0	GREELEY-RD THE FEDERAL 33N2B-L, SRC Energy PR Well, Actual BH Survey V0	BOOMERANG34N6C-M, SRCP Well, Actual BH Survey V0
VOLT 36G2-L, Wellbore#1, Design #1V0	Buffederal32G2-L, SRC Energy PR Well, Actual BH Survey V0	PSCJ541.1, Noble Energy SW Well, Actual VBS Survey (Grid to True) V0
VOLT 38N6A-L, Wellbore#1, Design #1V0	GREELEY-RD THE 34C-2-L, SRC Energy PR Well, Actual BH Survey V0	

Hewlett-Packard

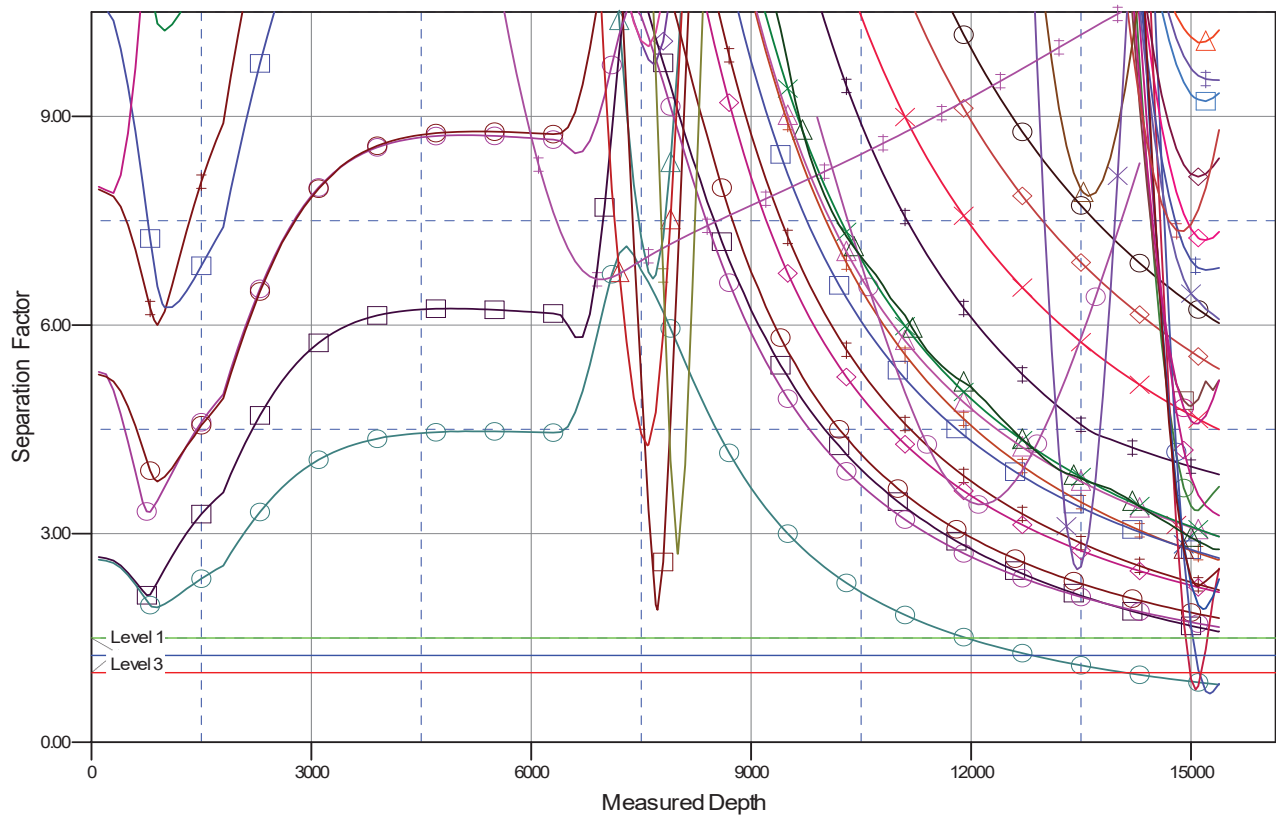
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 12N-6A-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 12N-6A-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are 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 12N-6A-M
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.45°

Separation Factor Plot



LEGEND

VOLT 36NBL_Wellbore#1.Design#1V0	VOLT 11NBL_Wellbore#1.Design#1V0	Buffederal32N2C-LSRCEnergyPlannedWellBHPlannedSurveyV0
VOLT 11NBL_Wellbore#1.Design#1V0	VOLT 13NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 13N2B-L.SRCEnergyPRWell,ActualBHSurveyV0
VOLT 3306-M_Wellbore#1.Design#1V0	VOLT 34NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 34N2B-L.SRCEnergyPRWell,ActualBHSurveyV0
VOLT 1306-M_Wellbore#1.Design#1V0	VOLT 3406-M_Wellbore#1.Design#1V0	Buffederal32N2B-L.SRCEnergyPlannedWellBHPlannedSurveyV0
VOLT 14NBL_Wellbore#1.Design#1V0	VOLT 1406-L_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 12N2C-L.SRCEnergyPRWell,ActualBHSurveyV0
VOLT 23NBL_Wellbore#1.Design#1V0	VOLT 25NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 13G2-L.SRCEnergyPRWell,ActualBHSurveyV0
VOLT 12NBL_Wellbore#1.Design#1V0	VOLT 25C-L_Wellbore#1.Design#1V0	BRANDONR_PDCSWet,ActualMSBergySurveyV0
VOLT 11G-L_Wellbore#1.Design#1V0	VOLT 3206-M_Wellbore#1.Design#1V0	WILKEN 15-6.PDCSWet,ActualVBSurveyV0
VOLT 13NBL_Wellbore#1.Design#1V0	VOLT 12NBL_Wellbore#1.Design#1V0	SOUTH6-22D.SRCPAWell,ActualVBSurveyV0
VOLT 32NBL_Wellbore#1.Design#1V0	VOLT 33NBL_Wellbore#1.Design#1V0	SOUTH6-24D.SRCPAWell,ActualVBSurveyV0
VOLT 25NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 32N2B-L.SRCEnergyPRWell,ActualBHSurveyV0	SOUTH6-23D.SRCPAWell,ActualVBSurveyV0
VOLT 34NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 32G2-L.SRCEnergyPRWell,ActualBHSurveyV0	SOSTFARM5NBL_Wellbore#1.Design#1V0
VOLT 14NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 12N2A-L.SRCEnergyPRWell,ActualBHSurveyV0	WIDEMAN25-5.NobleEnergyPRWell,ActualCoredSurvey(Grid to True)V0
VOLT 33NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 13N2C-L.SRCEnergyPRWell,ActualBHSurveyV0	BOOMERANG28C-3-L.SRCEnergyPRWell,ActualBHSurveyV0
VOLT 23NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 12G2-L.SRCEnergyPRWell,ActualBHSurveyV0	WIDEMAN22-5.NobleEnergyPRWell,ActualCoredSurvey(Grid to True)V0
VOLT 32NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 33N2B-L.SRCEnergyPRWell,ActualBHSurveyV0	BOOMERANG34N6C-M.SRCPRWell,ActualBHSurveyV0
VOLT 32NBL_Wellbore#1.Design#1V0	Buffederal32C2-L.SRCEnergyPlannedWellBHPlannedSurveyV0	PSCJ5-11.NobleEnergySWet,ActualVBSurvey(Grid to True)V0
VOLT 36NBL_Wellbore#1.Design#1V0	VOLT 36C-L_Wellbore#1.Design#1V0	
VOLT 36NBL_Wellbore#1.Design#1V0	GREELEY-ROTHEFEDERAL 34C2-L.SRCEnergyPRWell,ActualBHSurveyV0	