

SRC ENERGY

WELD COUNTY (NAD83, TRUE NORTH)

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

VOLT 13C-6-M

Wellbore #1

Design #1

Anticollision Report

18 November, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	11/18/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	15,634.69	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	7,100.00	7,767.74	1,975.35	1,932.14	45.715	SF
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,400.00	7,628.11	1,956.91	1,916.24	48.112	ES
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,404.13	7,625.87	1,956.91	1,916.27	48.150	CC
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,614.77	15,570.00	1,683.20	1,296.12	4.349	CC
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,634.69	15,570.00	1,683.31	1,296.08	4.347	ES, SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	192.30	175.30	592.45	585.06	80.219	CC, ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	8,400.00	7,244.90	800.41	760.16	19.885	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,765.81	7,546.33	1,842.54	1,790.62	35.494	CC
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,800.00	7,544.76	1,842.85	1,790.56	35.242	ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	9,400.00	7,517.15	1,948.41	1,889.69	33.184	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,563.01	7,640.39	1,848.78	1,803.75	41.054	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	8,300.00	7,635.49	1,992.08	1,940.89	38.916	SF
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	7,400.00	7,806.59	627.68	581.52	13.600	SF
VOLT 11C-3-L - Wellbore #1 - Design #1	7,600.00	7,613.27	618.62	573.92	13.839	ES
VOLT 11C-3-L - Wellbore #1 - Design #1	7,640.66	7,577.83	618.37	573.95	13.920	CC
VOLT 11N-3B-L - Wellbore #1 - Design #1	1,670.62	1,904.78	1,054.84	1,041.40	78.491	CC
VOLT 11N-3B-L - Wellbore #1 - Design #1	1,800.00	2,022.65	1,055.08	1,041.24	76.212	ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	7,100.00	7,862.69	1,151.33	1,102.01	23.343	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,200.00	7,913.71	984.63	936.03	20.262	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,300.00	7,844.86	981.28	933.18	20.397	ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,306.67	7,839.87	981.27	933.21	20.414	CC
VOLT 12N-6A-M - Wellbore #1 - Design #1	203.38	203.38	80.19	72.61	10.584	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	15,634.69	15,370.09	691.50	428.07	2.625	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	202.04	203.04	99.95	92.38	13.194	CC, ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	15,634.69	15,546.36	861.33	588.12	3.153	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	202.05	203.05	120.00	112.42	15.840	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	15,634.69	15,655.95	1,098.70	822.19	3.973	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	612.28	613.08	9.77	1.57	1.191	Level 2, CC
VOLT 13N-6B-M - Wellbore #1 - Design #1	15,634.69	15,430.15	224.16	-4.30	0.981	Level 1, ES, SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	710.25	712.25	14.16	5.68	1.670	CC, ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	14,100.00	13,929.21	314.89	96.61	1.443	Level 3, SF
VOLT 14C-3-L - Wellbore #1 - Design #1	7,621.96	7,642.01	58.42	14.21	1.321	Level 3, CC, ES, SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,267.15	7,770.06	109.86	63.44	2.367	CC, ES, SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,374.76	7,778.55	319.82	274.32	7.029	CC, ES, SF

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Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,096.20	7,749.35	165.60	116.59	3.379	CC, ES, SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,200.00	7,807.72	505.81	458.16	10.614	SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,272.80	7,743.20	503.02	455.89	10.673	CC, ES
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,400.00	7,707.33	291.31	245.68	6.383	ES, SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,422.96	7,687.84	291.10	245.71	6.413	CC
VOLT 25C-3-L - Wellbore #1 - Design #1	1,611.39	1,844.66	1,094.62	1,081.44	83.022	CC
VOLT 25C-3-L - Wellbore #1 - Design #1	1,700.00	1,931.47	1,094.76	1,081.21	80.758	ES
VOLT 25C-3-L - Wellbore #1 - Design #1	7,200.00	7,969.51	1,351.74	1,302.53	27.469	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	1,662.77	1,903.72	1,090.19	1,076.33	78.680	CC
VOLT 25N-3A-L - Wellbore #1 - Design #1	1,700.00	1,940.09	1,090.22	1,076.24	77.993	ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	7,000.00	7,803.78	1,384.45	1,333.78	27.322	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	1,591.52	1,838.68	1,129.27	1,115.60	82.634	CC
VOLT 25N-3C-L - Wellbore #1 - Design #1	1,600.00	1,846.91	1,129.27	1,115.56	82.376	ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	7,100.00	7,979.46	1,581.97	1,531.33	31.243	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	300.00	302.00	160.09	152.43	20.886	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	15,634.69	15,768.12	1,269.36	991.79	4.573	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	200.00	201.00	140.04	132.47	18.490	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	15,634.69	15,516.97	1,284.95	1,011.26	4.695	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	200.00	202.00	180.14	172.56	23.782	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	15,634.69	15,683.92	1,463.59	1,186.14	5.275	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	203.36	203.36	60.14	52.56	7.938	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	15,634.69	15,660.24	428.71	152.86	1.554	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	1,159.43	1,156.93	19.94	10.18	2.042	CC
VOLT 33N-6A-M - Wellbore #1 - Design #1	1,300.00	1,296.52	20.03	9.80	1.957	ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	15,634.69	15,302.81	270.26	109.73	1.684	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	200.00	200.00	40.09	32.52	5.294	CC
VOLT 33N-6C-M - Wellbore #1 - Design #1	15,634.69	15,529.47	250.32	-6.56	0.974	Level 1, ES, SF
VOLT 34C-6-M - Wellbore #1 - Design #1	858.21	863.32	43.83	34.85	4.880	CC, ES
VOLT 34C-6-M - Wellbore #1 - Design #1	15,634.69	15,581.92	796.36	522.73	2.910	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	755.54	759.07	25.16	16.50	2.907	CC, ES
VOLT 34N-6B-M - Wellbore #1 - Design #1	15,634.69	15,391.50	608.74	340.00	2.265	SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	890.60	902.56	63.92	54.80	7.007	CC, ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	15,634.69	15,467.04	1,021.06	749.49	3.760	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	7,400.00	7,944.96	787.70	742.34	17.366	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	7,891.26	7,452.08	779.59	737.48	18.511	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	1,169.82	1,303.65	882.22	871.57	82.842	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	7,000.00	7,917.95	972.59	924.33	20.151	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,200.00	7,864.12	567.39	520.46	12.091	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,250.40	7,830.82	566.10	519.45	12.137	CC, ES
5N-66W-06 Offsets Incomplete						
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	15,061.31	7,146.57	437.80	289.99	2.962	CC, ES, SF
SOUTH 6-21D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,632.34	7,120.87	2,355.61	2,235.12	19.550	CC
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	13,700.00	7,119.99	2,356.58	2,235.03	19.387	ES
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys	14,000.00	7,117.57	2,384.12	2,258.89	19.037	SF
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,713.05	7,239.39	945.24	823.00	7.733	CC, ES
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,800.00	7,237.65	949.23	826.03	7.705	SF
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,788.97	7,518.48	381.45	255.81	3.036	CC
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,800.00	7,518.19	381.61	255.68	3.030	ES, SF
WILKEN 15-6 - PDC SI Well - No Surveys	12,353.58	7,203.90	470.83	133.57	1.396	Level 3, CC, ES, SF

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Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,100.00	15,914.13	1,181.66	899.48	4.188	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,200.00	15,859.46	1,178.32	897.40	4.195	ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,205.98	15,855.79	1,178.31	897.51	4.196	CC
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	6,754.79	7,140.00	2,285.21	2,211.18	30.870	CC, ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)						Out of range

Offset Design 5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
3,800.00	3,755.94	4,151.83	4,099.21	9.45	11.81	-96.54	2,438.38	365.67	2,487.11	2,467.62	19.50	127.573	
3,900.00	3,854.27	4,240.66	4,186.83	9.72	12.05	-97.06	2,424.96	359.89	2,474.29	2,454.30	19.98	123.820	
4,000.00	3,952.61	4,329.21	4,274.17	9.99	12.28	-97.61	2,411.79	353.57	2,461.99	2,441.51	20.48	120.210	
4,100.00	4,050.95	4,429.24	4,372.82	10.26	12.55	-98.23	2,397.07	346.00	2,450.15	2,429.15	21.01	116.635	
4,200.00	4,149.29	4,548.71	4,490.67	10.54	12.85	-98.95	2,378.85	338.68	2,437.98	2,416.41	21.57	113.048	
4,300.00	4,247.63	4,669.61	4,609.93	10.82	13.15	-99.61	2,359.42	334.86	2,424.96	2,402.83	22.13	109.594	
4,400.00	4,345.97	4,768.93	4,707.91	11.11	13.41	-100.10	2,343.19	333.70	2,411.69	2,389.04	22.65	106.464	
4,500.00	4,444.30	4,863.61	4,801.29	11.40	13.66	-100.59	2,327.63	332.57	2,398.53	2,375.35	23.18	103.475	
4,600.00	4,542.64	4,947.90	4,884.43	11.69	13.90	-101.05	2,313.93	330.31	2,385.91	2,362.21	23.70	100.674	
4,700.00	4,640.98	5,029.39	4,964.80	11.99	14.13	-101.53	2,301.00	326.82	2,374.07	2,349.85	24.22	98.009	
4,800.00	4,739.32	5,107.49	5,041.85	12.29	14.36	-102.02	2,288.99	322.32	2,363.17	2,338.42	24.75	95.489	
4,900.00	4,837.66	5,175.87	5,109.32	12.59	14.56	-102.47	2,278.99	317.46	2,353.46	2,328.20	25.26	93.180	
5,000.00	4,936.00	5,249.93	5,182.42	12.89	14.77	-102.98	2,268.86	311.25	2,345.15	2,319.37	25.78	90.952	
5,100.00	5,034.33	5,327.66	5,259.10	13.20	15.00	-103.54	2,258.63	303.70	2,337.90	2,311.57	26.33	88.805	
5,200.00	5,132.67	5,396.00	5,326.52	13.51	15.20	-104.05	2,250.11	296.45	2,331.85	2,305.00	26.85	86.853	
5,300.00	5,231.01	5,469.41	5,398.94	13.82	15.41	-104.60	2,241.60	288.01	2,327.19	2,299.80	27.39	84.974	
5,400.00	5,329.35	5,558.06	5,486.40	14.13	15.64	-105.29	2,232.00	277.15	2,323.75	2,295.79	27.96	83.111	
5,500.00	5,427.69	5,729.22	5,655.23	14.44	16.08	-106.59	2,211.26	258.30	2,319.38	2,290.66	28.72	80.748	
5,600.00	5,526.02	5,893.20	5,816.75	14.76	16.55	-107.77	2,186.76	244.24	2,312.09	2,282.62	29.48	78.439	
5,700.00	5,624.36	6,014.84	5,936.06	15.08	16.92	-108.70	2,165.87	232.99	2,303.29	2,273.14	30.15	76.397	
5,800.00	5,722.70	6,132.97	6,052.14	15.39	17.28	-109.52	2,145.28	225.65	2,293.89	2,263.09	30.81	74.460	
5,900.00	5,821.04	6,329.82	6,245.25	15.71	17.87	-110.71	2,107.43	222.98	2,281.45	2,249.85	31.59	72.217	
6,000.00	5,919.38	6,396.61	6,310.77	16.03	18.07	-111.05	2,094.64	225.13	2,268.43	2,236.31	32.12	70.634	
6,100.00	6,017.72	6,472.75	6,385.69	16.35	18.28	-111.39	2,081.64	229.13	2,256.87	2,224.22	32.65	69.127	
6,200.00	6,116.05	6,564.47	6,476.02	16.68	18.55	-111.80	2,066.38	233.68	2,245.97	2,212.76	33.21	67.632	
6,300.00	6,214.39	6,600.00	6,500.00	17.00	20.68	-99.60	1,916.11	881.69	2,225.44	2,203.52	21.93	101.484	
6,400.00	6,312.73	7,760.08	7,259.99	17.33	24.58	-98.73	1,915.80	912.73	2,180.67	2,140.43	40.24	54.195	
6,500.00	6,411.07	7,773.25	7,260.82	17.65	24.84	-98.36	1,915.80	925.87	2,139.56	2,098.46	41.10	52.057	
6,600.00	6,509.41	7,786.43	7,261.64	17.98	25.09	-97.99	1,915.88	939.02	2,102.25	2,060.29	41.95	50.110	
6,700.00	6,608.03	7,798.64	7,262.41	18.27	25.33	-97.33	1,916.02	951.21	2,068.78	2,026.03	42.74	48.399	
6,800.00	6,707.89	7,803.56	7,262.72	18.44	25.43	94.46	1,916.09	956.11	2,038.63	1,995.37	43.26	47.123	
6,900.00	6,806.95	7,799.96	7,262.49	18.53	25.35	92.29	1,916.04	952.52	2,012.58	1,969.07	43.51	46.254	
7,000.00	6,902.79	7,787.92	7,261.74	18.56	25.12	93.28	1,915.89	940.51	1,991.35	1,947.86	43.49	45.789	
7,100.00	6,993.03	7,767.74	7,260.47	18.55	24.73	93.95	1,915.79	920.36	1,975.35	1,932.14	43.21	45.715 SF	
7,200.00	7,075.46	7,734.00	7,258.37	18.51	24.09	93.95	1,916.01	886.70	1,964.69	1,922.11	42.58	46.141	
7,300.00	7,148.05	7,687.34	7,254.60	18.49	23.27	93.36	1,916.79	840.20	1,958.84	1,917.12	41.73	46.944	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-66W-05 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	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)					
7,400.00	7,209.00	7,628.11	7,247.30	18.51	22.32	92.26	1,918.17	781.44	1,956.91	1,916.24	40.67	48.112 ES				
7,404.13	7,211.25	7,625.87	7,246.95	18.51	22.29	92.22	1,918.24	779.23	1,956.91	1,916.27	40.64	48.150 CC				
7,500.00	7,256.83	7,574.61	7,236.63	18.59	21.63	91.08	1,920.02	729.07	1,958.49	1,918.59	39.91	49.078				
7,600.00	7,290.34	7,518.92	7,220.73	18.76	21.11	89.68	1,922.64	675.78	1,963.22	1,923.95	39.26	50.001				
7,700.00	7,308.73	7,451.00	7,196.23	19.02	20.74	88.00	1,926.50	612.57	1,970.39	1,931.77	38.63	51.009				
7,800.00	7,311.63	7,393.64	7,171.26	19.37	20.57	86.55	1,930.14	561.08	1,979.21	1,940.80	38.42	51.521				
7,900.00	7,308.36	7,358.00	7,153.69	19.85	20.50	86.07	1,932.47	530.16	1,990.07	1,951.51	38.57	51.601				
8,000.00	7,305.09	7,306.77	7,125.70	20.46	20.40	85.31	1,936.53	487.46	2,003.83	1,965.03	38.80	51.646				
8,100.00	7,301.83	7,265.00	7,100.56	21.18	20.34	84.63	1,940.80	454.39	2,021.26	1,982.07	39.18	51.584				
8,200.00	7,298.56	7,265.00	7,100.56	22.01	20.34	84.63	1,940.80	454.39	2,042.39	2,002.40	39.99	51.077				
8,300.00	7,295.30	7,223.46	7,073.44	22.93	20.25	83.90	1,946.05	423.37	2,066.79	2,026.18	40.61	50.894				
8,400.00	7,292.03	7,173.00	7,037.68	23.93	20.16	82.94	1,953.94	388.69	2,095.76	2,054.55	41.20	50.862				
8,500.00	7,288.76	7,173.00	7,037.68	25.01	20.16	82.94	1,953.94	388.69	2,127.09	2,084.98	42.11	50.509				
8,600.00	7,285.50	7,173.00	7,037.68	26.14	20.16	82.94	1,953.94	388.69	2,162.60	2,119.57	43.02	50.264				
8,700.00	7,282.23	7,141.47	7,013.86	27.34	20.09	82.30	1,959.57	368.82	2,201.31	2,157.49	43.82	50.235				
8,800.00	7,278.96	7,123.58	6,999.87	28.58	20.05	81.93	1,962.95	358.19	2,243.39	2,198.74	44.65	50.243				
8,900.00	7,275.70	7,081.00	6,965.28	29.86	19.96	81.02	1,971.46	334.88	2,289.17	2,243.79	45.38	50.446				
9,000.00	7,272.43	7,081.00	6,965.28	31.18	19.96	81.02	1,971.46	334.88	2,336.95	2,290.73	46.22	50.557				
9,100.00	7,269.17	7,081.00	6,965.28	32.54	19.96	81.02	1,971.46	334.88	2,387.97	2,340.94	47.03	50.773				
9,200.00	7,265.90	7,081.00	6,965.28	33.92	19.96	81.02	1,971.46	334.88	2,442.02	2,394.22	47.80	51.087				
9,300.00	7,262.63	7,040.33	6,930.90	35.33	19.86	80.12	1,979.97	314.91	2,497.93	2,449.45	48.48	51.527				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
4,100.00	4,050.95	4,426.20	4,347.99	10.26	13.75	-84.51	2,420.27	936.49	2,491.03	2,468.24	22.79	109.306	
4,200.00	4,149.29	4,530.18	4,449.80	10.54	14.08	-84.57	2,404.41	950.42	2,475.92	2,452.56	23.36	105.973	
4,300.00	4,247.63	4,652.45	4,569.55	10.82	14.48	-84.67	2,385.25	966.04	2,460.35	2,436.36	23.99	102.541	
4,400.00	4,345.97	4,785.47	4,699.79	11.11	14.93	-84.81	2,362.83	981.12	2,443.36	2,418.71	24.65	99.124	
4,500.00	4,444.30	4,894.48	4,806.56	11.40	15.29	-84.96	2,343.77	992.08	2,425.63	2,400.39	25.24	96.097	
4,600.00	4,542.64	4,994.37	4,904.39	11.69	15.62	-85.11	2,326.01	1,001.65	2,407.55	2,381.75	25.81	93.290	
4,700.00	4,640.98	5,089.57	4,997.67	11.99	15.92	-85.26	2,309.24	1,010.68	2,389.64	2,363.28	26.36	90.663	
4,800.00	4,739.32	5,218.92	5,124.43	12.29	16.34	-85.49	2,286.05	1,021.76	2,371.38	2,344.39	26.99	87.862	
4,900.00	4,837.66	5,312.81	5,216.40	12.59	16.64	-85.67	2,268.59	1,029.14	2,352.34	2,324.80	27.54	85.419	
5,000.00	4,936.00	5,404.97	5,306.65	12.89	16.91	-85.85	2,251.58	1,036.82	2,333.52	2,305.44	28.08	83.109	
5,100.00	5,034.33	5,487.74	5,387.69	13.20	17.16	-85.99	2,236.59	1,044.49	2,315.17	2,286.56	28.61	80.930	
5,200.00	5,132.67	5,561.15	5,459.57	13.51	17.38	-86.09	2,223.81	1,052.08	2,297.67	2,268.54	29.12	78.890	
5,300.00	5,231.01	5,634.44	5,531.36	13.82	17.61	-86.18	2,211.77	1,060.58	2,281.27	2,251.62	29.65	76.941	
5,400.00	5,329.35	5,715.25	5,610.51	14.13	17.86	-86.26	2,199.23	1,070.96	2,265.91	2,235.71	30.20	75.030	
5,500.00	5,427.69	5,815.42	5,708.65	14.44	18.18	-86.35	2,184.00	1,084.09	2,250.91	2,220.10	30.81	73.061	
5,600.00	5,526.02	5,917.36	5,808.52	14.76	18.52	-86.44	2,168.21	1,097.10	2,235.60	2,204.17	31.43	71.131	
5,700.00	5,624.36	6,017.16	5,906.38	15.08	18.86	-86.56	2,152.95	1,109.32	2,220.44	2,188.39	32.04	69.294	
5,800.00	5,722.70	6,129.63	6,016.65	15.39	19.25	-86.69	2,135.31	1,122.67	2,204.85	2,172.16	32.69	67.442	
5,900.00	5,821.04	6,267.14	6,151.41	15.71	19.73	-86.91	2,112.23	1,137.30	2,188.06	2,154.66	33.40	65.512	
6,000.00	5,919.38	6,375.92	6,258.07	16.03	20.11	-87.14	2,093.00	1,146.59	2,170.21	2,136.19	34.02	63.793	
6,100.00	6,017.72	6,487.68	6,367.82	16.35	20.49	-87.46	2,072.93	1,153.16	2,151.85	2,117.23	34.62	62.155	
6,200.00	6,116.05	6,953.71	6,803.51	16.68	21.63	-92.09	1,967.39	1,060.25	2,127.91	2,092.97	34.95	60.892	
6,300.00	6,214.39	7,009.75	6,846.63	17.00	21.69	-93.25	1,954.16	1,027.04	2,095.55	2,060.20	35.36	59.271	
6,400.00	6,312.73	7,054.55	6,878.57	17.33	21.71	-94.27	1,944.82	997.08	2,066.03	2,030.24	35.80	57.717	
6,500.00	6,411.07	7,086.00	6,899.53	17.65	21.73	-95.04	1,938.94	974.37	2,039.91	2,003.68	36.23	56.306	
6,600.00	6,509.41	7,114.70	6,917.70	17.98	21.72	-95.76	1,934.13	952.70	2,017.66	1,980.97	36.69	54.987	
6,700.00	6,608.03	7,137.93	6,931.88	18.27	21.72	-96.76	1,930.65	934.62	1,999.48	1,962.38	37.10	53.897	
6,800.00	6,707.89	7,179.00	6,955.71	18.44	21.72	92.42	1,925.40	901.60	1,984.75	1,947.34	37.41	53.052	
6,900.00	6,806.95	7,202.05	6,968.29	18.53	21.71	88.51	1,922.86	882.45	1,972.91	1,935.24	37.66	52.384	
7,000.00	6,902.79	7,249.61	6,991.99	18.56	21.69	87.75	1,918.15	841.50	1,963.80	1,925.83	37.97	51.717	
7,100.00	6,993.03	7,341.01	7,028.85	18.55	21.65	86.44	1,909.86	758.35	1,956.61	1,917.91	38.71	50.548	
7,200.00	7,075.46	7,421.57	7,052.64	18.51	21.63	85.47	1,901.66	681.85	1,949.48	1,909.90	39.58	49.255	
7,300.00	7,148.05	7,491.33	7,068.61	18.49	21.64	84.83	1,894.77	614.30	1,943.13	1,902.62	40.51	47.968	
7,400.00	7,209.00	7,552.00	7,078.26	18.51	22.47	84.42	1,889.07	554.69	1,937.40	1,896.01	41.39	46.805	
7,500.00	7,256.83	7,603.61	7,082.42	18.59	23.39	84.18	1,884.84	503.44	1,932.63	1,890.30	42.34	45.649	
7,600.00	7,290.34	7,653.26	7,082.08	18.76	24.34	83.97	1,881.70	453.91	1,929.13	1,885.76	43.37	44.477	
7,700.00	7,308.73	7,738.07	7,078.79	19.02	26.07	83.70	1,877.24	369.27	1,925.67	1,880.39	45.28	42.531	
7,800.00	7,311.63	7,820.15	7,075.59	19.37	27.86	83.86	1,873.56	287.34	1,921.32	1,873.95	47.37	40.558	
7,900.00	7,308.36	7,901.37	7,072.44	19.85	29.72	83.83	1,870.68	206.24	1,917.23	1,867.55	49.67	38.596	
8,000.00	7,305.09	8,038.12	7,067.21	20.46	32.97	83.79	1,865.39	69.69	1,912.84	1,859.34	53.50	35.755	
8,100.00	7,301.83	8,116.00	7,064.23	21.18	34.89	83.77	1,862.05	-8.06	1,907.97	1,851.86	56.11	34.004	
8,200.00	7,298.56	8,163.33	7,062.43	22.01	36.09	83.75	1,860.95	-55.34	1,905.02	1,846.93	58.09	32.794	
8,253.66	7,296.81	8,189.80	7,061.45	22.50	36.76	83.75	1,860.87	-81.79	1,904.54	1,845.32	59.22	32.161	
8,300.00	7,295.30	8,209.00	7,060.75	22.93	37.25	83.75	1,861.05	-100.98	1,904.74	1,844.65	60.09	31.700	
8,400.00	7,292.03	8,278.14	7,058.20	23.93	39.04	83.74	1,862.75	-170.05	1,906.65	1,843.84	62.81	30.355	
8,500.00	7,288.76	8,345.41	7,055.68	25.01	40.79	83.74	1,865.69	-237.20	1,910.39	1,844.83	65.56	29.140	
8,600.00	7,285.50	8,419.70	7,053.30	26.14	42.75	83.76	1,870.18	-311.32	1,915.72	1,847.14	68.58	27.934	
8,700.00	7,282.23	8,505.91	7,050.60	27.34	45.05	83.78	1,876.14	-397.28	1,921.93	1,849.91	72.02	26.684	
8,800.00	7,278.96	8,585.51	7,048.20	28.58	47.19	83.80	1,882.39	-476.60	1,929.07	1,853.73	75.34	25.606	
8,900.00	7,275.70	8,673.57	7,045.51	29.86	49.58	83.83	1,890.02	-564.28	1,937.02	1,858.05	78.97	24.530	
9,000.00	7,272.43	8,806.59	7,041.49	31.18	53.23	83.87	1,900.70	-696.81	1,944.31	1,860.24	84.07	23.127	
9,100.00	7,269.17	8,953.43	7,039.46	32.54	57.31	83.98	1,910.19	-843.33	1,950.01	1,860.34	89.67	21.747	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 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		
9,200.00	7,265.90	9,156.67	7,036.85	33.92	63.01	84.11	1,916.16	-1,046.44	1,952.69	1,855.72	96.97	20.138		
9,300.00	7,262.63	9,300.00	7,029.91	35.33	67.06	84.10	1,907.16	-1,282.74	1,948.49	1,846.17	102.32	19.043		
9,400.00	7,259.37	9,632.17	7,022.00	36.76	76.38	84.01	1,880.81	-1,519.90	1,937.03	1,824.57	112.46	17.224		
9,500.00	7,256.10	9,681.22	7,020.37	38.21	77.75	83.99	1,874.21	-1,568.48	1,923.02	1,807.51	115.51	16.648		
9,600.00	7,252.84	9,753.94	7,018.00	39.67	79.80	83.96	1,866.16	-1,640.71	1,911.27	1,792.16	119.11	16.046		
9,700.00	7,249.57	9,914.67	7,013.32	41.16	84.33	83.91	1,846.87	-1,800.20	1,898.86	1,774.08	124.78	15.217		
9,800.00	7,246.30	10,148.37	7,007.15	42.65	90.80	83.80	1,803.74	-2,029.66	1,878.45	1,746.84	131.61	14.273		
9,900.00	7,243.04	10,169.00	7,006.63	44.16	91.37	83.79	1,799.47	-2,049.83	1,858.53	1,724.16	134.36	13.832		
10,000.00	7,239.77	10,224.76	7,005.14	45.68	92.94	83.77	1,789.71	-2,104.70	1,841.17	1,703.44	137.73	13.368		
10,100.00	7,236.50	10,264.00	7,004.05	47.21	94.04	83.75	1,784.77	-2,143.61	1,827.71	1,687.04	140.68	12.992		
10,200.00	7,233.24	10,313.03	7,002.67	48.75	95.45	83.74	1,780.08	-2,192.40	1,817.29	1,673.51	143.78	12.639		
10,300.00	7,229.97	10,357.00	7,001.47	50.30	96.71	83.74	1,776.67	-2,236.22	1,809.27	1,662.61	146.66	12.336		
10,400.00	7,226.71	10,419.71	7,000.04	51.86	98.52	83.75	1,773.47	-2,298.82	1,803.69	1,653.68	150.01	12.024		
10,500.00	7,223.44	10,474.90	6,999.19	53.42	100.12	83.77	1,772.40	-2,354.00	1,800.88	1,647.80	153.08	11.765		
10,577.56	7,220.91	10,522.79	6,998.70	54.64	101.51	83.80	1,772.43	-2,401.89	1,800.24	1,644.66	155.58	11.571		
10,600.00	7,220.17	10,543.00	6,998.56	54.99	102.10	83.82	1,772.69	-2,422.09	1,800.31	1,643.80	156.51	11.503		
10,700.00	7,216.91	10,606.40	6,998.12	56.57	103.94	83.88	1,774.19	-2,485.47	1,801.63	1,641.89	159.74	11.278		
10,800.00	7,213.64	10,680.72	6,997.50	58.15	106.10	83.94	1,777.05	-2,559.74	1,804.55	1,641.22	163.33	11.048		
10,900.00	7,210.38	10,759.28	6,997.01	59.74	108.39	84.02	1,781.10	-2,638.18	1,808.74	1,641.69	167.05	10.827		
11,000.00	7,207.11	10,843.85	6,996.37	61.33	110.85	84.10	1,786.35	-2,722.59	1,814.01	1,643.01	170.99	10.609		
11,100.00	7,203.84	10,967.57	6,995.47	62.92	114.45	84.22	1,794.07	-2,846.06	1,819.40	1,642.96	176.44	10.312		
11,200.00	7,200.58	11,116.41	6,994.05	64.52	118.80	84.34	1,799.56	-2,994.80	1,822.11	1,639.37	182.74	9.971		
11,300.00	7,197.31	11,190.31	6,993.80	66.12	120.96	84.42	1,802.10	-3,068.65	1,824.57	1,638.21	186.36	9.791		
11,400.00	7,194.05	11,307.03	6,994.46	67.73	124.37	84.57	1,806.71	-3,185.28	1,827.53	1,636.01	191.53	9.542		
11,500.00	7,190.78	11,484.80	6,995.50	69.34	129.57	84.78	1,807.31	-3,363.03	1,826.34	1,627.65	198.69	9.192		
11,600.00	7,187.51	11,631.12	6,994.49	70.95	133.84	84.88	1,803.16	-3,509.28	1,822.47	1,617.87	204.60	8.907		
11,700.00	7,184.25	11,709.27	6,993.45	72.57	136.12	84.92	1,800.32	-3,587.36	1,818.13	1,609.62	208.51	8.720		
11,800.00	7,180.98	11,773.70	6,991.88	74.18	138.00	84.93	1,799.24	-3,651.77	1,815.71	1,603.76	211.95	8.567		
11,900.00	7,177.71	11,854.00	6,990.18	75.80	140.36	84.96	1,799.15	-3,732.05	1,814.83	1,598.97	215.86	8.407		
11,922.38	7,176.98	11,868.94	6,989.95	76.17	140.80	84.97	1,799.25	-3,746.98	1,814.79	1,598.16	216.63	8.377		
12,000.00	7,174.45	11,928.88	6,989.09	77.43	142.56	85.01	1,800.03	-3,806.91	1,815.17	1,595.60	219.57	8.267		
12,100.00	7,171.18	11,996.31	6,988.23	79.05	144.54	85.05	1,801.77	-3,874.32	1,816.97	1,593.99	222.98	8.149		
12,200.00	7,167.92	12,065.09	6,987.43	80.68	146.56	85.10	1,804.95	-3,943.01	1,820.70	1,594.32	226.37	8.043		
12,300.00	7,164.65	12,152.17	6,986.29	82.30	149.11	85.17	1,809.98	-4,029.94	1,825.63	1,595.18	230.45	7.922		
12,400.00	7,161.38	12,400.00	6,984.64	83.93	156.40	85.28	1,816.85	-4,176.40	1,829.44	1,589.63	239.81	7.629		
12,500.00	7,158.12	12,447.35	6,983.01	85.56	157.79	85.39	1,819.58	-4,324.90	1,830.31	1,587.17	243.14	7.528		
12,600.00	7,154.85	12,642.74	6,980.92	87.20	163.52	85.51	1,815.50	-4,520.21	1,827.14	1,576.57	250.57	7.292		
12,700.00	7,151.59	12,770.76	6,981.42	88.83	167.26	85.64	1,808.80	-4,648.05	1,820.95	1,565.09	255.86	7.117		
12,800.00	7,148.32	12,897.21	6,982.26	90.47	170.94	85.77	1,800.51	-4,774.23	1,813.48	1,552.43	261.05	6.947		
12,900.00	7,145.05	12,994.69	6,981.47	92.11	173.78	85.83	1,793.27	-4,871.44	1,805.24	1,539.70	265.55	6.798		
13,000.00	7,141.79	13,075.16	6,980.49	93.74	176.13	85.87	1,787.78	-4,951.71	1,797.65	1,528.00	269.65	6.667		
13,100.00	7,138.52	13,151.41	6,979.54	95.38	178.36	85.91	1,783.50	-5,027.84	1,791.26	1,517.62	273.63	6.546		
13,200.00	7,135.25	13,294.06	6,977.66	97.02	182.52	85.97	1,774.50	-5,170.18	1,784.12	1,504.91	279.21	6.390		
13,300.00	7,131.99	13,385.12	6,976.42	98.67	185.17	86.01	1,767.78	-5,260.98	1,776.00	1,492.43	283.56	6.263		
13,400.00	7,128.72	13,437.00	6,975.73	100.31	186.69	86.03	1,764.45	-5,312.75	1,769.24	1,482.29	286.94	6.166		
13,500.00	7,125.46	13,495.72	6,974.99	101.95	188.41	86.07	1,762.16	-5,371.42	1,764.94	1,474.59	290.35	6.079		
13,579.43	7,122.86	13,529.00	6,974.59	103.26	189.39	86.09	1,761.94	-5,404.70	1,763.85	1,471.36	292.48	6.031		
13,600.00	7,122.19	13,529.00	6,974.59	103.60	189.39	86.09	1,761.94	-5,404.70	1,763.97	1,471.27	292.69	6.027		
13,700.00	7,118.92	13,592.37	6,973.88	105.24	191.26	86.13	1,763.38	-5,468.04	1,765.71	1,469.82	295.89	5.967		
13,800.00	7,115.66	13,714.71	6,972.63	106.89	194.86	86.23	1,768.80	-5,590.25	1,769.56	1,468.16	301.40	5.871		
13,900.00	7,112.39	13,803.23	6,971.78	108.54	197.47	86.30	1,771.53	-5,678.72	1,771.84	1,466.27	305.57	5.798		
14,000.00	7,109.13	13,873.76	6,971.08	110.18	199.56	86.36	1,774.50	-5,749.19	1,775.27	1,466.27	308.99	5.745		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,100.00	7,105.86	13,968.14	6,970.08	111.83	202.34	86.44	1,779.73	-5,843.42	1,779.99	1,466.61	313.38	5.680	
14,200.00	7,102.59	14,069.37	6,969.03	113.48	205.33	86.52	1,785.08	-5,944.50	1,784.49	1,466.42	318.07	5.610	
14,300.00	7,099.33	14,244.75	6,966.78	115.13	210.50	86.64	1,790.43	-6,119.76	1,786.67	1,461.05	325.62	5.487	
14,400.00	7,096.06	14,386.18	6,965.01	116.78	214.67	86.73	1,790.49	-6,261.18	1,785.99	1,454.39	331.60	5.386	
14,500.00	7,092.79	14,591.19	6,962.54	118.43	220.68	86.84	1,780.65	-6,465.90	1,779.80	1,440.95	338.85	5.252	
14,600.00	7,089.53	14,674.95	6,961.53	120.09	223.13	86.89	1,775.25	-6,549.47	1,772.57	1,429.47	343.10	5.166	
14,700.00	7,086.26	14,804.08	6,960.02	121.74	226.90	86.96	1,766.23	-6,678.28	1,764.87	1,416.62	348.25	5.068	
14,800.00	7,083.00	14,890.58	6,958.81	123.39	229.42	87.00	1,759.35	-6,764.50	1,756.23	1,403.66	352.57	4.981	
14,900.00	7,079.73	14,996.71	6,957.43	125.05	232.52	87.05	1,752.13	-6,870.37	1,748.72	1,391.45	357.26	4.895	
15,000.00	7,076.46	15,171.00	6,955.92	126.70	237.57	87.16	1,733.85	-7,043.66	1,736.86	1,374.00	362.85	4.787	
15,100.00	7,073.20	15,248.61	6,955.42	128.35	239.81	87.21	1,725.13	-7,120.79	1,724.88	1,357.71	367.16	4.698	
15,200.00	7,069.93	15,324.98	6,954.87	130.01	242.03	87.26	1,717.64	-7,196.78	1,714.29	1,342.88	371.41	4.616	
15,300.00	7,066.67	15,407.03	6,954.40	131.66	244.42	87.32	1,710.47	-7,278.52	1,704.80	1,329.09	375.71	4.538	
15,400.00	7,063.40	15,400.00	6,953.83	133.32	244.22	87.41	1,702.26	-7,386.14	1,696.49	1,319.42	377.07	4.499	
15,500.00	7,060.13	15,570.00	6,953.51	134.98	250.11	87.45	1,696.95	-7,440.90	1,687.10	1,301.99	385.11	4.381	
15,600.00	7,056.87	15,570.00	6,953.51	136.63	250.11	87.45	1,696.95	-7,440.90	1,683.26	1,296.34	386.92	4.350	
15,614.77	7,056.38	15,570.00	6,953.51	136.88	250.11	87.45	1,696.95	-7,440.90	1,683.20	1,296.12	387.07	4.349 CC	
15,634.69	7,055.73	15,570.00	6,953.51	137.21	250.11	87.45	1,696.95	-7,440.90	1,683.31	1,296.08	387.23	4.347 ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 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	7.47	588.35	77.12	593.62				
100.00	100.00	88.58	88.57	3.28	3.28	7.46	587.94	77.03	592.99	585.63	7.36	80.618	
192.30	192.30	175.30	175.30	3.30	3.29	7.45	587.45	76.78	592.45	585.06	7.39	80.219	CC, ES
200.00	200.00	182.41	182.41	3.31	3.29	7.44	587.46	76.75	592.45	585.06	7.39	80.178	
300.00	300.00	280.87	280.86	3.35	3.32	7.42	587.82	76.53	592.78	585.32	7.46	79.474	
400.00	400.00	379.84	379.83	3.42	3.36	7.40	588.26	76.44	593.21	585.65	7.56	78.431	
500.00	500.00	479.78	479.77	3.50	3.41	7.36	588.88	76.05	593.77	586.07	7.70	77.091	
600.00	600.00	581.54	581.53	3.61	3.47	7.32	589.35	75.70	594.19	586.32	7.87	75.465	
700.00	700.00	678.62	678.60	3.73	3.55	7.25	589.84	75.04	594.61	586.54	8.07	73.673	
800.00	800.00	778.20	778.19	3.87	3.64	7.23	590.70	74.91	595.45	587.16	8.30	71.766	
900.00	899.98	878.31	878.28	4.02	3.73	-84.98	591.56	74.41	596.09	587.55	8.54	69.809	
1,000.00	999.84	976.35	976.32	4.17	3.84	-85.57	592.57	73.45	596.57	587.77	8.79	67.840	
1,100.00	1,099.45	1,073.91	1,073.86	4.33	3.96	-86.47	593.91	72.53	597.23	588.16	9.07	65.816	
1,200.00	1,198.70	1,170.68	1,170.61	4.52	4.08	-87.68	595.58	71.59	598.26	588.88	9.38	63.763	
1,300.00	1,297.47	1,271.30	1,271.22	4.73	4.21	-89.23	597.44	70.95	599.66	589.93	9.73	61.642	
1,400.00	1,395.82	1,367.34	1,367.24	4.97	4.34	-90.99	599.01	69.83	601.33	591.23	10.10	59.541	
1,500.00	1,494.16	1,465.55	1,465.42	5.23	4.49	-92.74	601.03	69.20	604.01	593.51	10.50	57.529	
1,600.00	1,592.50	1,567.67	1,567.52	5.51	4.64	-94.61	602.69	67.92	606.90	595.98	10.93	55.545	
1,700.00	1,690.83	1,671.81	1,671.64	5.79	4.80	-96.54	603.48	66.15	609.57	598.20	11.37	53.600	
1,800.00	1,789.17	1,769.14	1,768.95	6.10	4.96	-98.39	603.54	63.96	612.26	600.44	11.82	51.791	
1,900.00	1,887.51	1,861.53	1,861.31	6.26	5.11	-100.12	604.13	61.78	616.20	604.28	11.92	51.679	
2,000.00	1,985.85	1,955.46	1,955.20	6.30	5.27	-101.86	605.61	59.52	621.68	609.57	12.11	51.334	
2,100.00	2,084.19	2,051.34	2,051.03	6.35	5.43	-103.58	607.50	57.28	628.16	615.84	12.32	50.978	
2,200.00	2,182.53	2,147.49	2,147.14	6.43	5.60	-105.22	609.81	55.58	635.53	622.98	12.55	50.620	
2,300.00	2,280.86	2,245.90	2,245.51	6.52	5.78	-106.80	612.53	54.45	643.62	630.80	12.81	50.238	
2,400.00	2,379.20	2,344.78	2,344.35	6.63	5.95	-108.28	615.24	54.20	651.92	638.83	13.09	49.814	
2,500.00	2,477.54	2,441.32	2,440.84	6.75	6.13	-109.66	618.13	54.16	660.81	647.43	13.37	49.407	
2,600.00	2,575.88	2,538.70	2,538.18	6.89	6.31	-111.08	621.01	53.31	670.33	656.65	13.68	49.003	
2,700.00	2,674.22	2,636.31	2,635.74	7.05	6.49	-112.41	624.14	53.16	680.25	666.25	14.00	48.592	
2,800.00	2,772.55	2,731.84	2,731.21	7.21	6.67	-113.68	627.44	52.77	690.86	676.53	14.33	48.216	
2,900.00	2,870.89	2,828.46	2,827.76	7.39	6.85	-114.94	630.97	52.11	702.10	687.43	14.67	47.854	
3,000.00	2,969.23	2,924.63	2,923.86	7.59	7.04	-116.19	634.46	50.94	713.89	698.87	15.03	47.512	
3,100.00	3,067.57	3,019.03	3,018.18	7.79	7.22	-117.42	638.06	49.23	726.44	711.05	15.39	47.217	
3,200.00	3,165.91	3,113.54	3,112.59	8.00	7.41	-118.64	641.88	46.94	739.81	724.06	15.75	46.960	
3,300.00	3,264.25	3,209.81	3,208.73	8.22	7.59	-119.84	646.01	44.44	753.84	737.71	16.14	46.719	
3,400.00	3,362.58	3,306.46	3,305.26	8.46	7.79	-120.98	650.51	42.22	768.36	751.84	16.53	46.492	
3,500.00	3,460.92	3,404.45	3,403.11	8.69	7.98	-122.12	654.84	39.46	783.24	766.31	16.93	46.269	
3,600.00	3,559.26	3,507.08	3,505.61	8.94	8.18	-123.32	658.81	36.30	798.10	780.75	17.35	46.009	
3,700.00	3,657.60	3,610.60	3,609.04	9.19	8.39	-124.46	662.35	33.69	812.59	794.82	17.77	45.717	
3,800.00	3,755.94	3,707.59	3,705.95	9.45	8.59	-125.46	665.70	31.74	827.11	808.92	18.19	45.464	
3,900.00	3,854.27	3,805.87	3,804.15	9.72	8.79	-126.48	668.81	29.39	841.87	823.25	18.62	45.216	
4,000.00	3,952.61	3,906.04	3,904.25	9.99	8.99	-127.51	671.54	26.67	856.72	837.66	19.05	44.962	
4,100.00	4,050.95	4,004.10	4,002.23	10.26	9.19	-128.53	673.74	23.63	871.68	852.19	19.49	44.729	
4,200.00	4,149.29	4,103.32	4,101.37	10.54	9.39	-129.59	675.23	19.79	886.79	866.87	19.93	44.502	
4,300.00	4,247.63	4,191.64	4,189.60	10.82	9.57	-130.52	676.71	15.94	902.63	882.29	20.34	44.372	
4,400.00	4,345.97	4,288.87	4,286.70	11.11	9.77	-131.49	678.93	11.60	919.27	898.49	20.78	44.229	
4,500.00	4,444.30	4,387.17	4,384.88	11.40	9.97	-132.42	681.29	7.46	936.08	914.85	21.23	44.085	
4,600.00	4,542.64	4,481.96	4,479.56	11.69	10.16	-133.25	683.98	3.85	953.19	931.51	21.68	43.972	
4,700.00	4,640.98	4,585.74	4,583.23	11.99	10.38	-134.07	687.61	0.73	970.43	948.28	22.15	43.812	
4,800.00	4,739.32	4,686.07	4,683.48	12.29	10.59	-134.80	691.07	-1.49	987.27	964.65	22.62	43.652	
4,900.00	4,837.66	4,787.55	4,784.89	12.59	10.80	-135.50	694.42	-3.51	1,004.00	980.91	23.09	43.483	
5,000.00	4,936.00	4,884.89	4,882.16	12.89	11.00	-136.15	697.66	-5.16	1,020.67	997.12	23.55	43.333	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,034.33	4,982.28	4,979.47	13.20	11.20	-136.77	701.03	-6.81	1,037.56	1,013.54	24.02	43.194		
5,200.00	5,132.67	5,084.64	5,081.76	13.51	11.42	-137.41	704.36	-8.52	1,054.42	1,029.92	24.50	43.031		
5,300.00	5,231.01	5,176.97	5,174.04	13.82	11.61	-137.97	707.19	-10.15	1,071.33	1,046.37	24.96	42.920		
5,400.00	5,329.35	5,276.35	5,273.35	14.13	11.82	-138.59	710.23	-12.42	1,088.72	1,063.29	25.44	42.797		
5,500.00	5,427.69	5,377.80	5,374.74	14.44	12.03	-139.26	712.15	-15.35	1,105.90	1,079.97	25.92	42.661		
5,600.00	5,526.02	5,471.41	5,468.28	14.76	12.22	-139.89	713.35	-18.49	1,123.16	1,096.78	26.39	42.566		
5,700.00	5,624.36	5,562.63	5,559.43	15.08	12.42	-140.49	714.97	-21.81	1,141.09	1,114.25	26.84	42.507		
5,800.00	5,722.70	5,654.69	5,651.39	15.39	12.61	-141.09	716.69	-25.75	1,159.69	1,132.38	27.31	42.469		
5,900.00	5,821.04	5,748.25	5,744.83	15.71	12.80	-141.67	718.79	-29.93	1,178.80	1,151.02	27.77	42.442		
6,000.00	5,919.38	5,847.04	5,843.48	16.03	13.01	-142.28	720.83	-34.73	1,198.22	1,169.96	28.26	42.403		
6,100.00	6,017.72	5,948.26	5,944.58	16.35	13.23	-142.91	722.41	-39.55	1,217.39	1,188.64	28.75	42.344		
6,200.00	6,116.05	6,046.01	6,042.20	16.68	13.43	-143.50	723.73	-44.24	1,236.58	1,207.35	29.23	42.300		
6,300.00	6,214.39	6,140.29	6,136.36	17.00	13.63	-144.08	724.71	-49.01	1,255.93	1,226.22	29.71	42.277		
6,400.00	6,312.73	6,231.82	6,227.76	17.33	13.82	-144.60	726.16	-53.79	1,275.85	1,245.67	30.17	42.282		
6,500.00	6,411.07	6,325.56	6,321.33	17.65	14.02	-145.14	727.65	-59.05	1,296.18	1,265.53	30.65	42.290		
6,600.00	6,509.41	6,422.11	6,417.71	17.98	14.22	-145.66	729.46	-64.60	1,316.90	1,285.77	31.13	42.297		
6,700.00	6,608.03	6,529.02	6,524.44	18.27	14.45	-147.81	730.71	-70.52	1,335.68	1,304.05	31.63	42.227		
6,800.00	6,707.89	6,623.71	6,618.98	18.44	14.65	40.44	731.44	-75.92	1,343.39	1,311.40	32.00	41.984		
6,900.00	6,806.95	6,714.21	6,709.31	18.53	14.84	36.41	733.01	-81.14	1,338.79	1,306.50	32.29	41.457		
7,000.00	6,902.79	6,806.84	6,801.76	18.56	15.04	37.33	735.69	-86.27	1,322.00	1,289.46	32.54	40.623		
7,100.00	6,993.03	6,894.84	6,889.58	18.55	15.23	39.81	739.07	-90.90	1,293.59	1,260.85	32.74	39.510		
7,200.00	7,075.46	6,991.84	6,986.38	18.51	15.43	44.05	743.25	-95.32	1,254.27	1,221.31	32.95	38.062		
7,300.00	7,148.05	7,070.95	7,065.37	18.49	15.60	49.78	746.87	-98.04	1,205.47	1,172.34	33.12	36.394		
7,400.00	7,209.00	7,141.71	7,136.01	18.51	15.75	57.27	750.50	-99.77	1,149.78	1,116.46	33.32	34.511		
7,500.00	7,256.83	7,199.74	7,193.96	18.59	15.88	66.09	753.34	-100.65	1,089.67	1,056.11	33.56	32.470		
7,600.00	7,290.34	7,234.30	7,228.48	18.76	15.95	74.74	754.99	-101.02	1,028.40	994.55	33.85	30.383		
7,700.00	7,308.73	7,253.75	7,247.91	19.02	15.99	82.54	755.91	-101.24	969.20	934.95	34.25	28.298		
7,800.00	7,311.63	7,257.76	7,251.91	19.37	16.00	88.00	756.11	-101.28	915.04	880.27	34.77	26.314		
7,900.00	7,308.36	7,255.62	7,249.77	19.85	15.99	87.84	756.00	-101.26	868.65	833.18	35.46	24.494		
8,000.00	7,305.09	7,253.47	7,247.63	20.46	15.99	87.68	755.90	-101.23	831.74	795.41	36.33	22.897		
8,100.00	7,301.83	7,251.33	7,245.49	21.18	15.98	87.53	755.80	-101.21	805.62	768.30	37.32	21.589		
8,200.00	7,298.56	7,249.18	7,243.35	22.01	15.98	87.37	755.70	-101.19	791.35	753.00	38.36	20.630		
8,263.94	7,296.47	7,247.81	7,241.98	22.60	15.98	87.27	755.63	-101.17	788.77	749.75	39.02	20.213		
8,300.00	7,295.30	7,247.04	7,241.20	22.93	15.98	87.22	755.59	-101.16	789.59	750.23	39.37	20.058		
8,400.00	7,292.03	7,244.90	7,239.06	23.93	15.97	87.06	755.49	-101.14	800.41	760.16	40.25	19.885 SF		
8,500.00	7,288.76	7,242.75	7,236.92	25.01	15.97	86.91	755.39	-101.12	823.32	782.36	40.96	20.100		
8,600.00	7,285.50	7,240.61	7,234.78	26.14	15.96	86.75	755.29	-101.09	857.34	815.87	41.48	20.670		
8,700.00	7,282.23	7,238.46	7,232.64	27.34	15.96	86.59	755.19	-101.07	901.23	859.42	41.81	21.555		
8,800.00	7,278.96	7,236.32	7,230.49	28.58	15.95	86.44	755.08	-101.05	953.62	911.62	41.99	22.709		
8,900.00	7,275.70	7,234.17	7,228.35	29.86	15.95	86.28	754.98	-101.02	1,013.18	971.13	42.06	24.090		
9,000.00	7,272.43	7,232.03	7,226.21	31.18	15.94	86.13	754.88	-101.00	1,078.74	1,036.70	42.04	25.660		
9,100.00	7,269.17	7,229.88	7,224.07	32.54	15.94	85.97	754.78	-100.98	1,149.27	1,107.31	41.97	27.385		
9,200.00	7,265.90	7,227.74	7,221.92	33.92	15.93	85.82	754.68	-100.95	1,223.91	1,182.05	41.86	29.238		
9,300.00	7,262.63	7,225.59	7,219.78	35.33	15.93	85.66	754.57	-100.93	1,301.95	1,260.22	41.73	31.197		
9,400.00	7,259.37	7,223.45	7,217.64	36.76	15.93	85.50	754.47	-100.91	1,382.82	1,341.22	41.60	33.243		
9,500.00	7,256.10	7,221.30	7,215.50	38.21	15.92	85.35	754.37	-100.88	1,466.05	1,424.59	41.46	35.362		
9,600.00	7,252.84	7,219.16	7,213.36	39.67	15.92	85.19	754.27	-100.86	1,551.25	1,509.93	41.32	37.539		
9,700.00	7,249.57	7,217.01	7,211.21	41.16	15.91	85.04	754.16	-100.84	1,638.13	1,596.94	41.19	39.766		
9,800.00	7,246.30	7,214.87	7,209.07	42.65	15.91	84.88	754.06	-100.81	1,726.43	1,685.36	41.07	42.035		
9,900.00	7,243.04	7,212.72	7,206.93	44.16	15.90	84.73	753.96	-100.79	1,815.93	1,774.98	40.96	44.337		
10,000.00	7,239.77	7,210.58	7,204.79	45.68	15.90	84.57	753.86	-100.77	1,906.48	1,865.63	40.85	46.668		
10,100.00	7,236.50	7,208.44	7,202.65	47.21	15.89	84.42	753.76	-100.74	1,997.93	1,957.17	40.76	49.023		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)												Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	7,206.29	7,200.50	48.75	15.89	84.26	753.65	-100.72	2,090.16	2,049.49	40.67	51.396	
10,300.00	7,229.97	7,204.15	7,198.36	50.30	15.89	84.11	753.55	-100.70	2,183.07	2,142.48	40.59	53.786	
10,400.00	7,226.71	7,202.00	7,196.22	51.86	15.88	83.95	753.45	-100.67	2,276.58	2,236.06	40.52	56.189	
10,500.00	7,223.44	7,200.14	7,194.08	53.42	15.88	83.80	753.35	-100.65	2,370.62	2,330.16	40.45	58.601	
10,600.00	7,220.17	7,202.29	7,191.94	54.99	15.88	83.64	753.25	-100.63	2,465.12	2,424.71	40.41	61.009	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,800.00	3,755.94	4,700.00	4,442.31	9.45	19.38	-120.43	2,126.07	-547.88	2,499.82	2,474.13	25.69	97.306		
3,900.00	3,854.27	4,762.77	4,501.09	9.72	19.67	-120.96	2,104.34	-551.31	2,479.28	2,453.03	26.26	94.423		
4,000.00	3,952.61	4,829.80	4,564.14	9.99	19.99	-121.52	2,081.85	-554.78	2,460.13	2,433.29	26.84	91.656		
4,100.00	4,050.95	4,900.00	4,630.53	10.26	20.31	-122.10	2,059.27	-558.07	2,442.43	2,414.99	27.44	89.021		
4,200.00	4,149.29	4,977.85	4,704.44	10.54	20.66	-122.72	2,035.05	-561.30	2,425.91	2,397.85	28.06	86.466		
4,300.00	4,247.63	5,048.62	4,771.83	10.82	20.97	-123.29	2,013.60	-563.95	2,410.39	2,381.74	28.66	84.116		
4,400.00	4,345.97	5,116.78	4,837.00	11.11	21.27	-123.83	1,993.79	-566.46	2,396.33	2,367.09	29.25	81.933		
4,500.00	4,444.30	5,190.55	4,907.77	11.40	21.59	-124.40	1,973.12	-569.11	2,383.58	2,353.72	29.86	79.831		
4,600.00	4,542.64	5,252.72	4,967.64	11.69	21.84	-124.88	1,956.51	-571.20	2,372.24	2,341.82	30.43	77.968		
4,700.00	4,640.98	5,313.76	5,026.75	11.99	22.09	-125.33	1,941.35	-572.97	2,362.65	2,331.66	30.99	76.248		
4,800.00	4,739.32	5,375.13	5,086.43	12.29	22.33	-125.77	1,927.17	-574.63	2,354.80	2,323.26	31.54	74.660		
4,900.00	4,837.66	5,437.73	5,147.55	12.59	22.57	-126.21	1,913.76	-576.29	2,348.66	2,316.57	32.09	73.185		
5,000.00	4,936.00	5,500.00	5,208.56	12.89	22.80	-126.63	1,901.41	-577.97	2,344.19	2,311.55	32.64	71.824		
5,100.00	5,034.33	5,564.33	5,271.78	13.20	23.03	-127.05	1,889.67	-579.76	2,341.38	2,308.20	33.18	70.561		
5,200.00	5,132.67	5,628.77	5,335.30	13.51	23.26	-127.46	1,878.95	-581.62	2,340.23	2,306.51	33.72	69.399		
5,222.99	5,155.28	5,643.93	5,350.27	13.58	23.31	-127.56	1,876.57	-582.06	2,340.19	2,306.35	33.85	69.144		
5,300.00	5,231.01	5,700.00	5,405.69	13.82	23.50	-127.90	1,868.28	-583.68	2,340.66	2,306.38	34.28	68.282		
5,400.00	5,329.35	5,763.20	5,468.29	14.13	23.70	-128.28	1,859.78	-585.50	2,342.56	2,307.76	34.80	67.320		
5,500.00	5,427.69	5,830.17	5,534.75	14.44	23.92	-128.67	1,851.72	-587.46	2,345.91	2,310.59	35.32	66.413		
5,600.00	5,526.02	5,900.00	5,604.17	14.76	24.13	-129.05	1,844.52	-589.52	2,350.80	2,314.95	35.85	65.569		
5,700.00	5,624.36	5,987.31	5,691.09	15.08	24.39	-129.51	1,836.63	-591.76	2,356.71	2,320.26	36.44	64.668		
5,800.00	5,722.70	6,071.45	5,774.92	15.39	24.64	-129.93	1,829.60	-593.62	2,363.13	2,326.11	37.02	63.838		
5,900.00	5,821.04	6,152.47	5,855.66	15.71	24.88	-130.35	1,823.16	-595.85	2,370.37	2,332.80	37.58	63.077		
6,000.00	5,919.38	6,227.27	5,930.18	16.03	25.09	-130.73	1,817.39	-598.59	2,378.56	2,340.44	38.11	62.406		
6,100.00	6,017.72	6,300.00	6,002.67	16.35	25.30	-131.11	1,812.46	-601.85	2,388.08	2,349.44	38.64	61.810		
6,200.00	6,116.05	6,200.00	6,142.20	16.68	25.11	-131.77	1,804.80	-606.79	2,398.61	2,359.76	38.84	61.753		
6,300.00	6,214.39	6,538.56	6,240.72	17.00	25.83	-132.12	1,800.67	-605.06	2,406.51	2,366.62	39.90	60.320		
6,400.00	6,312.73	6,600.00	6,302.12	17.33	25.88	-132.28	1,801.19	-603.14	2,416.81	2,376.59	40.22	60.087		
6,500.00	6,411.07	6,618.40	6,320.51	17.65	25.87	-132.32	1,801.80	-602.73	2,428.88	2,388.45	40.43	60.074		
6,600.00	6,509.41	6,702.71	6,404.76	17.98	25.84	-132.51	1,804.70	-601.16	2,442.62	2,401.92	40.70	60.018		
6,700.00	6,608.03	6,790.03	6,492.01	18.27	25.80	-134.26	1,807.88	-600.04	2,455.71	2,414.77	40.94	59.977		
6,800.00	6,707.89	6,841.54	6,543.46	18.44	25.78	54.20	1,810.10	-599.81	2,460.97	2,419.95	41.02	59.992		
6,900.00	6,806.95	6,900.00	6,601.81	18.53	25.76	50.10	1,813.69	-600.52	2,458.01	2,417.00	41.01	59.937		
7,000.00	6,902.79	7,179.39	6,881.02	18.56	26.03	52.12	1,819.60	-603.00	2,442.24	2,400.61	41.63	58.664		
7,100.00	6,993.03	7,280.01	6,981.62	18.55	26.20	54.92	1,817.88	-601.71	2,412.85	2,371.09	41.76	57.775		
7,200.00	7,075.46	7,361.68	7,063.27	18.51	26.53	58.81	1,816.47	-600.62	2,375.45	2,333.44	42.01	56.551		
7,300.00	7,148.05	7,433.34	7,134.91	18.49	27.02	63.74	1,815.22	-599.68	2,331.55	2,289.14	42.41	54.973		
7,400.00	7,209.00	7,506.77	7,194.78	18.51	27.72	69.51	1,814.19	-598.88	2,282.91	2,239.84	43.08	52.998		
7,500.00	7,256.83	7,539.87	7,241.42	18.59	28.16	75.78	1,813.38	-598.26	2,231.47	2,187.98	43.49	51.309		
7,600.00	7,290.34	7,572.13	7,273.67	18.76	28.59	82.07	1,812.82	-597.84	2,179.21	2,135.24	43.97	49.557		
7,700.00	7,308.73	7,589.20	7,290.73	19.02	28.82	87.90	1,812.52	-597.61	2,128.09	2,083.75	44.33	48.005		
7,800.00	7,311.63	7,590.76	7,292.30	19.37	28.84	92.37	1,812.50	-597.59	2,079.84	2,035.29	44.56	46.677		
7,900.00	7,308.36	7,586.16	7,287.70	19.85	28.78	92.23	1,812.58	-597.65	2,035.43	1,990.61	44.82	45.409		
8,000.00	7,305.09	7,581.56	7,283.10	20.46	28.72	92.08	1,812.66	-597.71	1,995.03	1,949.81	45.23	44.114		
8,100.00	7,301.83	7,576.96	7,278.50	21.18	28.66	91.94	1,812.73	-597.77	1,958.90	1,913.14	45.76	42.808		
8,200.00	7,298.56	7,572.36	7,273.90	22.01	28.59	91.80	1,812.81	-597.83	1,927.28	1,880.86	46.42	41.517		
8,300.00	7,295.30	7,567.76	7,269.30	22.93	28.53	91.65	1,812.89	-597.89	1,900.38	1,853.18	47.20	40.262		
8,400.00	7,292.03	7,563.16	7,264.70	23.93	28.47	91.51	1,812.97	-597.96	1,878.42	1,830.34	48.08	39.067		
8,500.00	7,288.76	7,558.56	7,260.10	25.01	28.41	91.37	1,813.05	-598.02	1,861.57	1,812.52	49.05	37.953		
8,600.00	7,285.50	7,553.96	7,255.50	26.14	28.35	91.23	1,813.13	-598.08	1,849.97	1,799.88	50.09	36.935		
8,700.00	7,282.23	7,549.36	7,250.90	27.34	28.29	91.08	1,813.21	-598.14	1,843.71	1,792.53	51.17	36.029		
8,765.81	7,280.08	7,546.33	7,247.88	28.15	28.25	90.99	1,813.27	-598.18	1,842.54	1,790.62	51.91	35.494 CC		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 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	
8,800.00	7,278.96	7,544.76	7,246.30	28.58	28.23	90.94	1,813.29	-598.20	1,842.85	1,790.56	52.29	35.242 ES	
8,900.00	7,275.70	7,540.16	7,241.70	29.86	28.17	90.80	1,813.37	-598.26	1,847.41	1,793.98	53.42	34.582	
9,000.00	7,272.43	7,535.56	7,237.10	31.18	28.11	90.65	1,813.45	-598.32	1,857.33	1,802.78	54.55	34.050	
9,100.00	7,269.17	7,530.96	7,232.50	32.54	28.04	90.51	1,813.53	-598.38	1,872.53	1,816.88	55.65	33.648	
9,200.00	7,265.90	7,526.36	7,227.90	33.92	27.98	90.37	1,813.61	-598.44	1,892.90	1,836.18	56.72	33.372	
9,300.00	7,262.63	7,521.75	7,223.31	35.33	27.92	90.23	1,813.69	-598.50	1,918.25	1,860.51	57.75	33.219	
9,400.00	7,259.37	7,517.15	7,218.71	36.76	27.86	90.08	1,813.77	-598.57	1,948.41	1,889.69	58.72	33.184 SF	
9,500.00	7,256.10	7,512.55	7,214.11	38.21	27.80	89.94	1,813.85	-598.63	1,983.14	1,923.51	59.62	33.261	
9,600.00	7,252.84	7,507.95	7,209.51	39.67	27.71	89.80	1,813.93	-598.69	2,022.21	1,961.78	60.43	33.465	
9,700.00	7,249.57	7,503.35	7,204.91	41.16	27.68	89.65	1,814.01	-598.75	2,065.38	2,004.14	61.24	33.726	
9,800.00	7,246.30	7,501.25	7,200.31	42.65	27.65	89.51	1,814.09	-598.81	2,112.40	2,050.41	61.98	34.080	
9,900.00	7,243.04	7,505.85	7,195.71	44.16	27.71	89.37	1,814.17	-598.87	2,163.01	2,100.24	62.77	34.461	
10,000.00	7,239.77	7,489.55	7,191.11	45.68	27.54	89.23	1,814.25	-598.93	2,216.97	2,153.76	63.20	35.076	
10,100.00	7,236.50	7,484.95	7,186.51	47.21	27.49	89.08	1,814.33	-598.99	2,274.04	2,210.30	63.74	35.678	
10,200.00	7,233.24	7,480.35	7,181.91	48.75	27.45	88.94	1,814.41	-599.05	2,333.99	2,269.77	64.21	36.348	
10,300.00	7,229.97	7,475.75	7,177.31	50.30	27.41	88.80	1,814.49	-599.11	2,396.60	2,331.97	64.63	37.081	
10,400.00	7,226.71	7,471.15	7,172.71	51.86	27.37	88.66	1,814.57	-599.17	2,461.68	2,396.68	65.00	37.870	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design											5N-66W-05 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (Offset Site Error:		0.00 usft
Survey Program:		100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448											Offset Well Error:		3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor				
3,400.00	3,362.58	4,600.00	4,300.54	8.46	20.40	-97.40	2,233.16	391.21	2,461.39	2,436.34	25.05	98.277				
3,500.00	3,460.92	4,732.36	4,417.90	8.69	21.14	-97.37	2,178.82	419.36	2,420.28	2,394.53	25.75	93.996				
3,600.00	3,559.26	4,777.76	4,458.27	8.94	21.39	-97.35	2,160.62	429.37	2,380.43	2,354.19	26.24	90.710				
3,700.00	3,657.60	4,829.18	4,504.36	9.19	21.68	-97.32	2,140.94	440.86	2,342.31	2,315.56	26.76	87.546				
3,800.00	3,755.94	4,886.26	4,555.87	9.45	21.98	-97.28	2,119.90	453.60	2,305.67	2,278.39	27.29	84.497				
3,900.00	3,854.27	4,969.03	4,631.01	9.72	22.42	-97.25	2,090.23	471.62	2,270.09	2,242.20	27.89	81.392				
4,000.00	3,952.61	5,114.74	4,763.31	9.99	23.20	-97.25	2,036.66	500.86	2,233.91	2,205.26	28.65	77.968				
4,100.00	4,050.95	5,172.04	4,815.36	10.26	23.50	-97.26	2,015.41	511.94	2,197.20	2,168.01	29.19	75.268				
4,200.00	4,149.29	5,237.59	4,875.19	10.54	23.84	-97.28	1,991.74	524.48	2,161.62	2,131.87	29.75	72.652				
4,300.00	4,247.63	5,300.00	4,932.48	10.82	24.16	-97.31	1,969.93	536.15	2,127.29	2,096.98	30.31	70.192				
4,400.00	4,345.97	5,334.15	4,964.13	11.11	24.33	-97.33	1,958.67	542.27	2,095.02	2,064.25	30.78	68.073				
4,500.00	4,444.30	5,367.56	4,995.49	11.40	24.49	-97.36	1,948.58	547.89	2,065.57	2,034.34	31.23	66.141				
4,600.00	4,542.64	5,400.00	5,026.26	11.69	24.64	-97.40	1,939.66	552.98	2,039.02	2,007.36	31.66	64.397				
4,700.00	4,640.98	5,450.73	5,074.80	11.99	24.85	-97.48	1,926.99	560.45	2,015.07	1,982.94	32.13	62.712				
4,800.00	4,739.32	5,500.00	5,122.31	12.29	25.06	-97.57	1,915.83	567.28	1,993.47	1,960.88	32.58	61.178				
4,900.00	4,837.66	5,564.32	5,184.69	12.59	25.31	-97.70	1,902.49	575.47	1,973.89	1,940.82	33.07	59.683				
5,000.00	4,936.00	5,631.98	5,250.64	12.89	25.57	-97.87	1,889.48	583.16	1,955.95	1,922.39	33.56	58.280				
5,100.00	5,034.33	5,700.00	5,317.21	13.20	25.82	-98.07	1,877.24	589.92	1,939.46	1,905.42	34.04	56.979				
5,200.00	5,132.67	5,773.80	5,389.70	13.51	26.08	-98.31	1,864.88	596.14	1,924.40	1,889.88	34.52	55.748				
5,300.00	5,231.01	5,831.89	5,446.96	13.82	26.27	-98.54	1,855.98	600.16	1,911.03	1,876.10	34.93	54.717				
5,400.00	5,329.35	5,900.00	5,514.44	14.13	26.49	-98.84	1,847.40	603.45	1,900.28	1,864.93	35.35	53.754				
5,500.00	5,427.69	5,958.77	5,572.84	14.44	26.65	-99.14	1,840.92	604.87	1,891.38	1,855.68	35.70	52.973				
5,600.00	5,526.02	6,030.97	5,644.62	14.76	26.83	-99.56	1,833.17	604.71	1,883.62	1,847.54	36.08	52.204				
5,700.00	5,624.36	6,100.00	5,713.36	15.08	26.99	-100.00	1,827.14	603.33	1,878.03	1,841.61	36.42	51.568				
5,800.00	5,722.70	6,145.96	5,759.21	15.39	27.07	-100.30	1,824.08	602.09	1,874.64	1,838.01	36.63	51.172				
5,893.15	5,814.30	6,200.00	5,813.17	15.69	27.17	-100.65	1,821.53	600.73	1,873.66	1,836.80	36.86	50.828				
5,900.00	5,821.04	6,200.00	5,813.17	15.71	27.17	-100.65	1,821.53	600.73	1,873.67	1,836.81	36.86	50.829				
6,000.00	5,919.38	6,278.23	5,891.36	16.03	27.31	-101.12	1,819.30	599.61	1,874.55	1,837.34	37.21	50.377				
6,100.00	6,017.72	6,355.50	5,968.61	16.35	27.47	-101.54	1,818.27	599.67	1,876.82	1,839.24	37.58	49.938				
6,200.00	6,116.05	6,434.00	6,047.11	16.68	27.59	-101.97	1,818.08	599.78	1,880.31	1,842.39	37.92	49.582				
6,300.00	6,214.39	6,512.44	6,125.55	17.00	27.65	-102.40	1,818.61	599.24	1,885.01	1,846.83	38.18	49.372				
6,400.00	6,312.73	6,590.68	6,203.77	17.33	27.62	-102.86	1,819.83	597.97	1,890.91	1,852.57	38.34	49.322				
6,500.00	6,411.07	6,664.41	6,277.45	17.65	27.59	-103.30	1,821.67	595.94	1,898.14	1,859.66	38.48	49.332				
6,600.00	6,509.41	6,833.45	6,446.37	17.98	27.59	-104.31	1,825.01	591.43	1,905.53	1,866.55	38.99	48.877				
6,700.00	6,608.03	6,968.73	6,581.63	18.27	27.83	-106.21	1,823.06	592.30	1,908.03	1,868.41	39.62	48.156				
6,800.00	6,707.89	7,060.52	6,673.39	18.44	28.04	82.61	1,821.72	593.88	1,907.39	1,867.38	40.01	47.674				
6,900.00	6,806.95	7,163.01	6,775.83	18.53	28.26	78.94	1,820.91	597.11	1,903.51	1,863.08	40.43	47.076				
7,000.00	6,902.79	7,271.36	6,884.12	18.56	28.51	79.98	1,819.28	600.20	1,895.93	1,855.03	40.90	46.351				
7,100.00	6,993.03	7,363.69	6,976.40	18.55	28.69	81.89	1,817.41	602.77	1,885.70	1,844.43	41.27	45.692				
7,200.00	7,075.46	7,444.50	7,057.16	18.51	28.94	84.21	1,815.76	605.02	1,874.49	1,832.72	41.77	44.881				
7,300.00	7,148.05	7,515.13	7,127.75	18.49	29.31	86.63	1,814.32	606.99	1,863.76	1,821.30	42.46	43.891				
7,400.00	7,209.00	7,573.84	7,186.43	18.51	29.81	88.83	1,813.11	608.63	1,855.05	1,811.65	43.40	42.745				
7,500.00	7,256.83	7,619.19	7,231.75	18.59	30.27	90.52	1,812.19	609.89	1,849.78	1,805.40	44.38	41.679				
7,563.01	7,279.68	7,640.39	7,252.93	18.69	30.53	91.22	1,811.75	610.48	1,848.78	1,803.75	45.03	41.054 CC, ES				
7,600.00	7,290.34	7,650.06	7,262.60	18.76	30.65	91.47	1,811.55	610.75	1,849.14	1,803.77	45.38	40.751				
7,700.00	7,308.73	7,665.69	7,278.22	19.02	30.84	91.51	1,811.24	611.18	1,853.89	1,807.64	46.25	40.083				
7,800.00	7,311.63	7,665.79	7,278.32	19.37	30.84	90.71	1,811.23	611.19	1,864.24	1,817.26	46.98	39.682				
7,900.00	7,308.36	7,659.73	7,272.27	19.85	30.76	90.52	1,811.36	611.02	1,879.93	1,832.22	47.71	39.400				
8,000.00	7,305.09	7,653.67	7,266.21	20.46	30.69	90.33	1,811.48	610.85	1,900.74	1,852.21	48.53	39.169				
8,100.00	7,301.83	7,647.61	7,260.15	21.18	30.62	90.14	1,811.61	610.68	1,926.50	1,877.11	49.39	39.004				
8,200.00	7,298.56	7,641.55	7,254.10	22.01	30.54	89.96	1,811.73	610.51	1,957.02	1,906.73	50.29	38.917				
8,300.00	7,295.30	7,635.49	7,248.04	22.93	30.47	89.77	1,811.85	610.34	1,992.08	1,940.89	51.19	38.916 SF				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,400.00	7,292.03	7,629.43	7,241.98	23.93	30.39	89.58	1,811.98	610.17	2,031.44	1,979.36	52.08	39.005	
8,500.00	7,288.76	7,623.37	7,235.93	25.01	30.32	89.39	1,812.10	610.00	2,074.86	2,021.91	52.95	39.186	
8,600.00	7,285.50	7,617.31	7,229.87	26.14	30.24	89.21	1,812.22	609.84	2,122.09	2,068.31	53.78	39.458	
8,700.00	7,282.23	7,611.25	7,223.81	27.34	30.17	89.02	1,812.35	609.67	2,172.89	2,118.32	54.57	39.818	
8,800.00	7,278.96	7,605.19	7,217.76	28.58	30.10	88.83	1,812.47	609.50	2,227.00	2,171.68	55.31	40.263	
8,900.00	7,275.70	7,600.87	7,211.70	29.86	30.04	88.64	1,812.60	609.33	2,284.19	2,228.16	56.03	40.770	
9,000.00	7,272.43	7,606.93	7,205.65	31.18	30.12	88.46	1,812.72	609.16	2,344.24	2,287.42	56.82	41.258	
9,100.00	7,269.17	7,587.01	7,199.59	32.54	29.92	88.27	1,812.84	608.99	2,406.93	2,349.64	57.29	42.016	
9,200.00	7,265.90	7,580.95	7,193.53	33.92	29.87	88.08	1,812.97	608.82	2,472.06	2,414.21	57.85	42.731	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.82	3.67	-1,139.53	1,139.54				
100.00	100.00	102.00	102.00	3.28	3.28	-89.82	3.67	-1,139.53	1,139.54	1,132.01	7.53	151.351	
200.00	200.00	202.00	202.00	3.31	3.31	-89.82	3.67	-1,139.53	1,139.54	1,131.96	7.57	150.442	
300.00	300.00	303.15	303.15	3.35	3.35	-89.82	3.67	-1,139.53	1,139.53	1,131.87	7.67	148.654	
400.00	400.00	460.45	460.37	3.42	3.46	-89.73	5.44	-1,135.40	1,136.91	1,129.08	7.84	145.052	
500.00	500.00	616.80	616.15	3.50	3.63	-89.46	10.58	-1,123.45	1,129.29	1,121.22	8.07	140.012	
600.00	600.00	771.27	769.15	3.61	3.86	-89.02	18.93	-1,103.99	1,116.74	1,108.38	8.35	133.699	
700.00	700.00	921.10	916.24	3.73	4.17	-88.40	30.14	-1,077.91	1,099.41	1,090.72	8.69	126.486	
800.00	800.00	1,018.78	1,011.67	3.87	4.41	-87.92	38.39	-1,058.72	1,079.96	1,070.94	9.02	119.692	
900.00	899.98	1,116.79	1,107.40	4.02	4.68	-179.43	46.66	-1,039.46	1,062.30	1,052.93	9.37	113.367	
1,000.00	999.84	1,215.35	1,203.68	4.17	4.97	-178.93	54.98	-1,020.09	1,048.16	1,038.43	9.74	107.649	
1,100.00	1,099.45	1,314.34	1,300.39	4.33	5.29	-178.43	63.34	-1,000.63	1,037.57	1,027.44	10.14	102.365	
1,200.00	1,198.70	1,413.65	1,397.40	4.52	5.62	-177.92	71.72	-981.12	1,030.54	1,019.98	10.56	97.546	
1,300.00	1,297.47	1,513.16	1,494.60	4.73	5.96	-177.40	80.12	-961.56	1,027.08	1,016.05	11.02	93.190	
1,400.00	1,395.82	1,612.73	1,591.87	4.97	6.32	-176.89	88.53	-941.99	1,026.15	1,014.64	11.50	89.197	
1,500.00	1,494.16	1,712.30	1,689.14	5.23	6.68	-176.38	96.93	-922.43	1,025.39	1,013.38	12.01	85.389	
1,600.00	1,592.50	1,811.88	1,786.41	5.51	7.03	-175.87	105.34	-902.86	1,024.72	1,012.20	12.51	81.884	
1,700.00	1,690.83	1,911.45	1,883.68	5.79	7.22	-175.36	113.74	-883.29	1,024.13	1,011.41	12.72	80.499	
1,800.00	1,789.17	2,011.03	1,980.95	6.10	7.27	-174.85	122.15	-863.72	1,023.62	1,010.62	13.00	78.751	
1,900.00	1,887.51	2,110.60	2,078.22	6.26	7.34	-174.33	130.56	-844.15	1,023.20	1,010.23	12.97	78.903	
2,000.00	1,985.85	2,210.18	2,175.49	6.30	7.43	-173.82	138.96	-824.59	1,022.85	1,009.80	13.06	78.347	
2,100.00	2,084.19	2,309.75	2,272.76	6.35	7.53	-173.31	147.37	-805.02	1,022.59	1,009.42	13.18	77.605	
2,200.00	2,182.53	2,409.33	2,370.03	6.43	7.65	-172.79	155.78	-785.45	1,022.42	1,009.09	13.33	76.692	
2,300.00	2,280.86	2,508.90	2,467.30	6.52	7.78	-172.28	164.18	-765.88	1,022.32	1,008.81	13.52	75.636	
2,362.36	2,342.19	2,571.00	2,527.97	6.59	7.88	-171.96	169.42	-753.68	1,022.31	1,008.66	13.65	74.883	
2,400.00	2,379.20	2,608.48	2,564.57	6.63	7.93	-171.76	172.59	-746.31	1,022.31	1,008.58	13.73	74.434	
2,500.00	2,477.54	2,708.05	2,661.84	6.75	8.10	-171.25	180.99	-726.74	1,022.39	1,008.41	13.98	73.129	
2,600.00	2,575.88	2,807.62	2,759.12	6.89	8.27	-170.74	189.40	-707.18	1,022.54	1,008.29	14.25	71.735	
2,700.00	2,674.22	2,907.20	2,856.39	7.05	8.46	-170.22	197.81	-687.61	1,022.78	1,008.23	14.55	70.273	
2,800.00	2,772.55	3,006.77	2,953.66	7.21	8.66	-169.71	206.21	-668.04	1,023.10	1,008.22	14.88	68.762	
2,900.00	2,870.89	3,106.35	3,050.93	7.39	8.87	-169.20	214.62	-648.47	1,023.51	1,008.28	15.23	67.220	
3,000.00	2,969.23	3,205.92	3,148.20	7.59	9.09	-168.68	223.02	-628.90	1,024.00	1,008.40	15.60	65.657	
3,100.00	3,067.57	3,305.50	3,245.47	7.79	9.32	-168.17	231.43	-609.34	1,024.57	1,008.58	15.99	64.094	
3,200.00	3,165.91	3,405.07	3,342.74	8.00	9.56	-167.66	239.84	-589.77	1,025.22	1,008.82	16.39	62.536	
3,300.00	3,264.25	3,504.65	3,440.01	8.22	9.81	-167.15	248.24	-570.20	1,025.95	1,009.13	16.82	60.997	
3,400.00	3,362.58	3,604.22	3,537.28	8.46	10.06	-166.64	256.65	-550.63	1,026.77	1,009.51	17.26	59.483	
3,500.00	3,460.92	3,703.80	3,634.55	8.69	10.32	-166.13	265.05	-531.06	1,027.67	1,009.95	17.72	57.999	
3,600.00	3,559.26	3,803.37	3,731.82	8.94	10.59	-165.62	273.46	-511.49	1,028.65	1,010.46	18.19	56.551	
3,700.00	3,657.60	3,902.95	3,829.09	9.19	10.86	-165.11	281.87	-491.93	1,029.71	1,011.04	18.67	55.143	
3,800.00	3,755.94	4,002.52	3,926.36	9.45	11.14	-164.61	290.27	-472.36	1,030.85	1,011.68	19.17	53.776	
3,900.00	3,854.27	4,102.10	4,023.63	9.72	11.42	-164.10	298.68	-452.79	1,032.08	1,012.40	19.68	52.452	
4,000.00	3,952.61	4,201.67	4,120.90	9.99	11.71	-163.60	307.08	-433.22	1,033.38	1,013.19	20.19	51.172	
4,100.00	4,050.95	4,301.24	4,218.17	10.26	12.00	-163.10	315.49	-413.65	1,034.77	1,014.05	20.72	49.937	
4,200.00	4,149.29	4,400.82	4,315.44	10.54	12.30	-162.59	323.90	-394.09	1,036.23	1,014.98	21.26	48.746	
4,300.00	4,247.63	4,500.39	4,412.71	10.82	12.60	-162.09	332.30	-374.52	1,037.78	1,015.98	21.80	47.598	
4,400.00	4,345.97	4,600.03	4,509.98	11.11	12.90	-161.60	340.71	-354.95	1,039.40	1,017.05	22.36	46.494	
4,500.00	4,444.30	4,700.46	4,607.25	11.40	13.21	-161.10	349.12	-335.38	1,041.11	1,018.19	22.92	45.427	
4,600.00	4,542.64	4,799.12	4,704.52	11.69	13.51	-160.60	357.52	-315.81	1,042.89	1,019.41	23.48	44.411	
4,700.00	4,640.98	4,901.31	4,801.79	11.99	13.83	-160.11	365.93	-296.24	1,044.75	1,020.69	24.06	43.416	
4,800.00	4,739.32	5,001.73	4,899.06	12.29	14.15	-159.62	374.33	-276.68	1,046.69	1,022.04	24.65	42.469	
4,900.00	4,837.66	5,102.16	4,996.34	12.59	14.47	-159.13	382.74	-257.11	1,048.70	1,023.47	25.23	41.559	
5,000.00	4,936.00	5,202.58	5,093.61	12.89	14.79	-158.64	391.15	-237.54	1,050.80	1,024.97	25.83	40.685	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,296.99	5,190.88	13.20	15.10	-158.16	399.55	-217.97	1,052.96	1,026.56	26.41	39.873	
5,200.00	5,132.67	5,403.43	5,288.15	13.51	15.44	-157.67	407.96	-198.40	1,055.21	1,028.18	27.03	39.039	
5,300.00	5,231.01	5,503.86	5,385.42	13.82	15.77	-157.19	416.36	-178.84	1,057.53	1,029.89	27.64	38.264	
5,400.00	5,329.35	5,604.28	5,482.69	14.13	16.10	-156.71	424.77	-159.27	1,059.92	1,031.67	28.25	37.519	
5,500.00	5,427.69	5,704.71	5,579.96	14.44	16.43	-156.23	433.18	-139.70	1,062.39	1,033.53	28.87	36.803	
5,600.00	5,526.02	5,794.86	5,677.23	14.76	16.73	-155.76	441.58	-120.13	1,064.94	1,035.48	29.46	36.153	
5,700.00	5,624.36	5,905.56	5,774.50	15.08	17.10	-155.28	449.99	-100.56	1,067.56	1,037.44	30.11	35.452	
5,800.00	5,722.70	6,005.99	5,871.77	15.39	17.44	-154.81	458.39	-80.99	1,070.25	1,039.51	30.74	34.815	
5,900.00	5,821.04	6,106.41	5,969.04	15.71	17.77	-154.35	466.80	-61.43	1,073.01	1,041.64	31.37	34.202	
6,000.00	5,919.38	6,206.84	6,066.31	16.03	18.11	-153.88	475.21	-41.86	1,075.84	1,043.84	32.01	33.613	
6,100.00	6,017.72	6,307.26	6,163.58	16.35	18.45	-153.42	483.61	-22.29	1,078.75	1,046.10	32.65	33.045	
6,200.00	6,116.05	6,407.69	6,260.85	16.68	18.79	-152.96	492.02	-2.72	1,081.72	1,048.44	33.29	32.498	
6,300.00	6,214.39	6,508.11	6,358.12	17.00	19.13	-152.50	500.42	16.85	1,084.77	1,050.84	33.93	31.971	
6,400.00	6,312.73	6,608.54	6,455.39	17.33	19.48	-152.04	508.83	36.41	1,087.89	1,053.31	34.58	31.463	
6,500.00	6,411.07	6,708.97	6,552.24	17.65	19.83	-151.58	517.24	66.41	1,091.01	1,055.89	35.22	30.955	
6,600.00	6,509.41	6,809.40	6,649.67	17.98	20.18	-151.12	525.65	96.41	1,094.13	1,058.47	35.87	30.447	
6,700.00	6,608.03	6,909.83	6,749.94	18.30	20.53	-150.66	534.06	126.41	1,097.25	1,061.05	36.52	29.939	
6,800.00	6,707.89	7,010.26	6,850.21	18.63	20.88	-150.20	542.47	156.41	1,100.37	1,063.63	37.17	29.431	
6,900.00	6,806.95	7,110.69	6,950.64	18.95	21.23	-149.74	550.88	186.41	1,103.49	1,066.21	37.82	28.923	
7,000.00	6,906.79	7,211.12	7,051.07	19.28	21.58	-149.28	559.29	216.41	1,106.61	1,068.79	38.47	28.415	
7,100.00	6,993.03	7,311.55	7,147.50	19.60	21.93	-148.82	567.70	246.41	1,109.73	1,071.37	39.12	27.907	
7,200.00	7,075.46	7,411.98	7,239.93	19.93	22.28	-148.36	576.11	276.41	1,112.85	1,073.95	39.77	27.399	
7,300.00	7,148.05	7,512.41	7,322.36	20.25	22.63	-147.90	584.52	306.41	1,115.97	1,076.53	40.42	26.891	
7,400.00	7,209.00	7,612.84	7,384.79	20.58	22.98	-147.44	592.93	336.41	1,119.09	1,079.11	41.07	26.383	
7,500.00	7,256.83	7,713.27	7,447.22	20.90	23.33	-146.98	601.34	366.41	1,122.21	1,081.69	41.72	25.875	
7,600.00	7,290.34	7,813.70	7,489.65	21.23	23.68	-146.52	609.75	396.41	1,125.33	1,084.27	42.37	25.367	
7,640.66	7,299.68	7,823.13	7,499.08	21.55	24.03	-146.06	618.16	426.41	1,128.45	1,086.85	43.02	24.859	
7,700.00	7,308.73	7,823.13	7,499.08	21.88	24.38	-145.60	626.57	456.41	1,131.57	1,089.43	43.67	24.351	
7,800.00	7,311.63	7,823.13	7,499.08	22.20	24.73	-145.14	634.98	486.41	1,134.69	1,092.01	44.32	23.843	
7,900.00	7,308.36	7,823.13	7,499.08	22.53	25.08	-144.68	643.39	516.41	1,137.81	1,094.59	44.97	23.335	
8,000.00	7,305.09	7,823.13	7,499.08	22.85	25.43	-144.22	651.80	546.41	1,140.93	1,097.17	45.62	22.827	
8,100.00	7,301.83	7,823.13	7,499.08	23.18	25.78	-143.76	660.21	576.41	1,144.05	1,100.00	46.27	22.319	
8,200.00	7,298.56	7,823.13	7,499.08	23.50	26.13	-143.30	668.62	606.41	1,147.17	1,102.58	46.92	21.811	
8,300.00	7,295.30	7,823.13	7,499.08	23.83	26.48	-142.84	677.03	636.41	1,150.29	1,105.16	47.57	21.303	
8,400.00	7,292.03	7,823.13	7,499.08	24.15	26.83	-142.38	685.44	666.41	1,153.41	1,107.74	48.22	20.795	
8,500.00	7,288.76	7,823.13	7,499.08	24.48	27.18	-141.92	693.85	696.41	1,156.53	1,110.32	48.87	20.287	
8,600.00	7,285.50	7,823.13	7,499.08	24.80	27.53	-141.46	702.26	726.41	1,159.65	1,112.90	49.52	19.779	
8,700.00	7,282.23	7,823.13	7,499.08	25.13	27.88	-141.00	710.67	756.41	1,162.77	1,115.48	50.17	19.271	
8,800.00	7,278.96	7,823.13	7,499.08	25.45	28.23	-140.54	719.08	786.41	1,165.89	1,118.06	50.82	18.763	
8,900.00	7,275.70	7,823.13	7,499.08	25.78	28.58	-140.08	727.49	816.41	1,169.01	1,120.64	51.47	18.255	
9,000.00	7,272.43	7,823.13	7,499.08	26.10	28.93	-139.62	735.90	846.41	1,172.13	1,123.22	52.12	17.747	
9,100.00	7,269.17	7,823.13	7,499.08	26.43	29.28	-139.16	744.31	876.41	1,175.25	1,125.80	52.77	17.239	
9,200.00	7,265.90	7,823.13	7,499.08	26.75	29.63	-138.70	752.72	906.41	1,178.37	1,128.38	53.42	16.731	
9,300.00	7,262.63	7,823.13	7,499.08	27.08	29.98	-138.24	761.13	936.41	1,181.49	1,130.96	54.07	16.223	
9,400.00	7,259.37	7,823.13	7,499.08	27.40	30.33	-137.78	769.54	966.41	1,184.61	1,133.54	54.72	15.715	
9,500.00	7,256.10	7,823.13	7,499.08	27.73	30.68	-137.32	777.95	996.41	1,187.73	1,136.12	55.37	15.207	
9,600.00	7,252.84	7,823.13	7,499.08	28.05	31.03	-136.86	786.36	1026.41	1,190.85	1,138.70	56.02	14.699	
9,700.00	7,249.57	7,823.13	7,499.08	28.38	31.38	-136.40	794.77	1056.41	1,193.97	1,141.28	56.67	14.191	
9,800.00	7,246.30	7,823.13	7,499.08	28.70	31.73	-135.94	803.18	1086.41	1,197.09	1,143.86	57.32	13.683	
9,900.00	7,243.04	7,823.13	7,499.08	29.03	32.08	-135.48	811.59	1116.41	1,200.21	1,146.44	57.97	13.175	
10,000.00	7,239.77	7,823.13	7,499.08	29.35	32.43	-135.02	819.99	1146.41	1,203.33	1,149.02	58.62	12.667	
10,100.00	7,236.50	7,823.13	7,499.08	29.68	32.78	-134.56	828.40	1176.41	1,206.45	1,151.60	59.27	12.159	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	6,900.10	6,756.89	48.75	20.48	46.06	534.89	97.07	2,261.43	2,219.49	41.94	53.920	
10,300.00	7,229.97	6,877.33	6,734.64	50.30	20.40	44.82	532.96	92.59	2,355.29	2,313.32	41.97	56.116	
10,400.00	7,226.71	6,854.55	6,712.39	51.86	20.32	43.64	531.04	88.12	2,449.42	2,407.41	42.01	58.307	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-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	-89.80	4.03	-1,179.62	1,179.63				
100.00	100.00	102.00	102.00	3.28	3.28	-89.80	4.03	-1,179.62	1,179.63	1,172.10	7.53	156.676	
200.00	200.00	202.00	202.00	3.31	3.31	-89.80	4.03	-1,179.62	1,179.63	1,172.05	7.57	155.735	
300.00	300.00	341.69	341.66	3.35	3.38	-89.73	5.59	-1,177.57	1,178.25	1,170.56	7.69	153.304	
400.00	400.00	489.46	489.07	3.42	3.50	-89.43	11.71	-1,169.55	1,172.85	1,164.99	7.86	149.213	
500.00	500.00	635.81	634.35	3.50	3.68	-88.89	22.29	-1,155.67	1,163.43	1,155.34	8.10	143.679	
600.00	600.00	780.01	776.45	3.61	3.92	-88.13	37.11	-1,136.23	1,150.15	1,141.75	8.40	136.947	
700.00	700.00	921.39	914.40	3.73	4.24	-87.12	55.83	-1,111.69	1,133.17	1,124.40	8.77	129.216	
800.00	800.00	1,042.05	1,030.90	3.87	4.60	-86.06	74.88	-1,086.70	1,113.07	1,103.89	9.18	121.231	
900.00	899.98	1,138.70	1,123.98	4.02	4.92	-177.16	90.66	-1,066.01	1,094.35	1,084.77	9.58	114.176	
1,000.00	999.84	1,235.96	1,217.65	4.17	5.28	-176.25	106.54	-1,045.18	1,079.36	1,069.34	10.01	107.776	
1,100.00	1,099.45	1,333.71	1,311.79	4.33	5.65	-175.32	122.50	-1,024.25	1,068.11	1,057.62	10.49	101.852	
1,200.00	1,198.70	1,431.84	1,406.29	4.52	6.04	-174.40	138.52	-1,003.24	1,060.62	1,049.63	10.99	96.517	
1,300.00	1,297.47	1,530.21	1,501.03	4.73	6.45	-173.47	154.58	-982.18	1,056.89	1,045.36	11.53	91.666	
1,400.00	1,395.82	1,628.70	1,595.88	4.97	6.87	-172.54	170.66	-961.09	1,055.88	1,043.78	12.10	87.258	
1,500.00	1,494.16	1,727.18	1,690.73	5.23	7.30	-171.62	186.74	-940.01	1,055.26	1,042.56	12.70	83.106	
1,600.00	1,592.50	1,825.67	1,785.58	5.51	7.69	-170.69	202.82	-918.92	1,054.91	1,041.64	13.27	79.484	
1,670.62	1,661.94	1,904.78	1,852.56	5.71	7.88	-170.04	214.18	-904.03	1,054.84	1,041.40	13.44	78.491 CC	
1,700.00	1,690.83	1,924.16	1,880.43	5.79	7.89	-169.76	218.90	-897.83	1,054.85	1,041.33	13.52	77.996	
1,800.00	1,789.17	2,022.65	1,975.28	6.10	7.96	-168.84	234.98	-876.75	1,055.08	1,041.24	13.84	76.212 ES	
1,900.00	1,887.51	2,121.14	2,070.13	6.26	8.05	-167.91	251.06	-855.66	1,055.59	1,041.73	13.86	76.153	
2,000.00	1,985.85	2,219.62	2,164.98	6.30	8.16	-166.99	267.14	-834.57	1,056.39	1,042.39	14.00	75.464	
2,100.00	2,084.19	2,318.11	2,259.83	6.35	8.29	-166.06	283.22	-813.49	1,057.46	1,043.29	14.17	74.616	
2,200.00	2,182.53	2,416.60	2,354.68	6.43	8.43	-165.14	299.30	-792.40	1,058.82	1,044.44	14.38	73.628	
2,300.00	2,280.86	2,515.09	2,449.53	6.52	8.59	-164.22	315.38	-771.31	1,060.46	1,045.84	14.62	72.519	
2,400.00	2,379.20	2,613.57	2,544.38	6.63	8.77	-163.31	331.46	-750.22	1,062.38	1,047.49	14.90	71.310	
2,500.00	2,477.54	2,712.06	2,639.23	6.75	8.96	-162.40	347.54	-729.14	1,064.58	1,049.38	15.20	70.021	
2,600.00	2,575.88	2,810.55	2,734.08	6.89	9.17	-161.49	363.62	-708.05	1,067.06	1,051.52	15.54	68.671	
2,700.00	2,674.22	2,909.04	2,828.93	7.05	9.39	-160.58	379.70	-686.96	1,069.81	1,053.91	15.90	67.279	
2,800.00	2,772.55	3,007.52	2,923.78	7.21	9.62	-159.68	395.78	-665.88	1,072.84	1,056.55	16.29	65.861	
2,900.00	2,870.89	3,106.01	3,018.63	7.39	9.86	-158.79	411.86	-644.79	1,076.13	1,059.43	16.70	64.432	
3,000.00	2,969.23	3,204.50	3,113.48	7.59	10.12	-157.90	427.94	-623.70	1,079.69	1,062.56	17.14	63.006	
3,100.00	3,067.57	3,302.99	3,208.33	7.79	10.38	-157.02	444.02	-602.61	1,083.52	1,065.93	17.59	61.590	
3,200.00	3,165.91	3,401.48	3,303.18	8.00	10.65	-156.14	460.10	-581.53	1,087.61	1,069.55	18.07	60.195	
3,300.00	3,264.25	3,499.96	3,398.03	8.22	10.93	-155.27	476.18	-560.44	1,091.96	1,073.40	18.56	58.829	
3,400.00	3,362.58	3,601.55	3,492.89	8.46	11.23	-154.41	492.26	-539.35	1,096.57	1,077.49	19.08	57.469	
3,500.00	3,460.92	3,703.06	3,587.74	8.69	11.53	-153.55	508.34	-518.27	1,101.43	1,081.81	19.62	56.149	
3,600.00	3,559.26	3,804.57	3,682.59	8.94	11.84	-152.70	524.42	-497.18	1,106.54	1,086.37	20.17	54.871	
3,700.00	3,657.60	3,906.09	3,777.44	9.19	12.16	-151.86	540.50	-476.09	1,111.90	1,091.17	20.73	53.638	
3,800.00	3,755.94	4,007.60	3,872.29	9.45	12.48	-151.03	556.58	-455.01	1,117.50	1,096.19	21.31	52.450	
3,900.00	3,854.27	4,109.11	3,967.14	9.72	12.81	-150.21	572.66	-433.92	1,123.33	1,101.44	21.89	51.308	
4,000.00	3,952.61	4,189.38	4,061.99	9.99	13.08	-149.39	588.74	-412.83	1,129.41	1,106.98	22.42	50.364	
4,100.00	4,050.95	4,287.87	4,156.84	10.26	13.40	-148.58	604.82	-391.74	1,135.72	1,112.69	23.02	49.330	
4,200.00	4,149.29	4,386.35	4,251.69	10.54	13.74	-147.78	620.90	-370.66	1,142.25	1,118.62	23.63	48.338	
4,300.00	4,247.63	4,484.84	4,346.54	10.82	14.07	-147.00	636.98	-349.57	1,149.01	1,124.76	24.25	47.389	
4,400.00	4,345.97	4,583.33	4,441.39	11.11	14.41	-146.22	653.06	-328.48	1,155.99	1,131.12	24.87	46.481	
4,500.00	4,444.30	4,681.82	4,536.24	11.40	14.75	-145.44	669.14	-307.40	1,163.18	1,137.68	25.50	45.613	
4,600.00	4,542.64	4,780.30	4,631.09	11.69	15.10	-144.68	685.22	-286.31	1,170.59	1,144.45	26.14	44.784	
4,700.00	4,640.98	4,878.79	4,725.94	11.99	15.45	-143.93	701.30	-265.22	1,178.20	1,151.42	26.78	43.991	
4,800.00	4,739.32	4,977.28	4,820.79	12.29	15.80	-143.19	717.38	-244.14	1,186.02	1,158.59	27.43	43.233	
4,900.00	4,837.66	5,075.77	4,915.64	12.59	16.15	-142.45	733.46	-223.05	1,194.04	1,165.95	28.09	42.510	
5,000.00	4,936.00	5,174.25	5,010.49	12.89	16.51	-141.73	749.54	-201.96	1,202.26	1,173.51	28.75	41.819	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,272.74	5,105.34	13.20	16.87	-141.02	765.62	-180.87	1,210.66	1,181.25	29.41	41.158	
5,200.00	5,132.67	5,371.23	5,200.19	13.51	17.23	-140.31	781.70	-159.79	1,219.26	1,189.18	30.08	40.528	
5,300.00	5,231.01	5,469.72	5,295.04	13.82	17.59	-139.62	797.78	-138.70	1,228.04	1,197.28	30.76	39.925	
5,400.00	5,329.35	5,568.21	5,389.89	14.13	17.95	-138.94	813.86	-117.61	1,237.00	1,205.57	31.44	39.349	
5,500.00	5,427.69	5,666.69	5,484.74	14.44	18.32	-138.26	829.94	-96.53	1,246.14	1,214.02	32.12	38.798	
5,600.00	5,526.02	5,765.18	5,579.60	14.76	18.69	-137.60	846.02	-75.44	1,255.45	1,222.65	32.80	38.272	
5,700.00	5,624.36	5,863.67	5,674.45	15.08	19.06	-136.94	862.10	-54.35	1,264.93	1,231.44	33.49	37.769	
5,800.00	5,722.70	5,962.16	5,769.30	15.39	19.43	-136.30	878.18	-33.26	1,274.57	1,240.39	34.18	37.287	
5,900.00	5,821.04	6,060.64	5,864.15	15.71	19.80	-135.66	894.26	-12.18	1,284.38	1,249.50	34.88	36.826	
6,000.00	5,919.38	6,159.13	5,959.00	16.03	20.17	-135.03	910.34	8.91	1,294.34	1,258.77	35.57	36.385	
6,100.00	6,017.72	6,257.62	6,053.85	16.35	20.55	-134.42	926.42	30.00	1,304.46	1,268.18	36.27	35.963	
6,200.00	6,116.05	6,356.11	6,148.70	16.68	20.92	-133.81	942.50	51.08	1,314.72	1,277.75	36.97	35.559	
6,300.00	6,214.39	6,454.60	6,243.55	17.00	21.30	-133.21	958.58	72.17	1,325.14	1,287.46	37.68	35.171	
6,400.00	6,312.73	6,553.08	6,338.40	17.33	21.68	-132.62	974.66	93.26	1,335.69	1,297.31	38.38	34.800	
6,500.00	6,411.07	7,910.70	7,108.53	17.65	32.24	-98.41	1,108.68	983.45	1,338.08	1,294.48	43.60	30.690	
6,600.00	6,509.41	7,928.61	7,108.48	17.98	32.46	-97.54	1,108.76	1,001.36	1,290.32	1,245.12	45.19	28.551	
6,700.00	6,608.03	7,944.71	7,108.45	18.27	32.66	-96.01	1,108.83	1,017.46	1,248.37	1,201.62	46.75	26.705	
6,800.00	6,707.89	7,947.27	7,108.44	18.44	32.69	96.39	1,108.84	1,020.02	1,212.49	1,164.49	47.99	25.264	
6,900.00	6,806.95	7,934.17	7,108.47	18.53	32.53	93.92	1,108.78	1,006.92	1,184.01	1,135.14	48.87	24.230	
7,000.00	6,902.79	7,905.75	7,108.54	18.56	32.18	93.82	1,108.66	978.50	1,163.68	1,114.37	49.31	23.600	
7,100.00	6,993.03	7,862.69	7,108.64	18.55	31.67	92.76	1,108.47	935.44	1,151.33	1,102.01	49.32	23.343 SF	
7,200.00	7,075.46	7,806.07	7,108.77	18.51	31.00	90.80	1,108.22	878.82	1,145.97	1,097.03	48.94	23.414	
7,249.05	7,112.41	7,773.74	7,108.84	18.50	30.63	89.59	1,108.07	846.49	1,145.41	1,096.75	48.65	23.543	
7,300.00	7,148.05	7,737.26	7,108.93	18.49	30.22	88.24	1,107.91	810.02	1,145.93	1,097.65	48.28	23.735	
7,400.00	7,209.00	7,650.39	7,106.82	18.51	29.24	85.20	1,107.14	723.21	1,149.03	1,101.66	47.37	24.257	
7,500.00	7,256.83	7,562.90	7,093.74	18.59	28.29	82.16	1,104.52	636.81	1,153.24	1,106.81	46.43	24.836	
7,600.00	7,290.34	7,482.06	7,071.38	18.76	27.43	79.36	1,100.38	559.29	1,158.04	1,112.43	45.60	25.393	
7,700.00	7,308.73	7,406.14	7,041.72	19.02	26.67	76.83	1,095.05	489.66	1,162.93	1,118.02	44.92	25.890	
7,800.00	7,311.63	7,333.97	7,006.14	19.37	25.99	74.61	1,088.75	427.23	1,167.45	1,123.05	44.39	26.297	
7,900.00	7,308.36	7,268.70	6,968.14	19.85	25.42	72.81	1,082.10	374.61	1,173.93	1,129.85	44.08	26.632	
8,000.00	7,305.09	7,212.25	6,931.13	20.46	24.96	71.05	1,075.66	332.50	1,184.73	1,140.77	43.96	26.949	
8,100.00	7,301.83	7,163.67	6,896.45	21.18	24.59	69.41	1,069.66	299.04	1,200.56	1,156.55	44.01	27.281	
8,200.00	7,298.56	7,121.88	6,864.67	22.01	24.29	67.92	1,064.18	272.48	1,221.84	1,177.67	44.18	27.657	
8,300.00	7,295.30	7,085.85	6,835.94	22.93	24.05	66.58	1,059.23	251.31	1,248.81	1,204.38	44.43	28.105	
8,400.00	7,292.03	7,050.00	6,806.22	23.93	23.82	65.21	1,054.13	231.92	1,281.49	1,236.78	44.71	28.662	
8,500.00	7,288.76	7,027.50	6,787.03	25.01	23.69	64.33	1,050.85	220.63	1,319.71	1,274.63	45.08	29.275	
8,600.00	7,285.50	7,000.00	6,763.08	26.14	23.53	63.24	1,046.75	207.78	1,363.27	1,317.87	45.40	30.028	
8,700.00	7,282.23	6,982.81	6,747.83	27.34	23.44	62.55	1,044.14	200.28	1,411.79	1,366.04	45.76	30.854	
8,800.00	7,278.96	6,964.29	6,731.18	28.58	23.34	61.80	1,041.30	192.67	1,464.95	1,418.87	46.07	31.796	
8,900.00	7,275.70	6,950.00	6,718.20	29.86	23.26	61.23	1,039.09	187.14	1,522.33	1,475.96	46.37	32.828	
9,000.00	7,272.43	6,933.06	6,702.64	31.18	23.18	60.54	1,036.44	180.97	1,583.55	1,536.92	46.63	33.957	
9,100.00	7,269.17	6,919.80	6,690.37	32.54	23.12	60.00	1,034.35	176.43	1,648.25	1,601.38	46.88	35.162	
9,200.00	7,265.90	6,900.00	6,671.85	33.92	23.03	59.19	1,031.20	170.14	1,716.13	1,669.06	47.07	36.460	
9,300.00	7,262.63	6,900.00	6,671.85	35.33	23.03	59.19	1,031.20	170.14	1,786.71	1,739.42	47.29	37.784	
9,400.00	7,259.37	6,900.00	6,671.85	36.76	23.03	59.19	1,031.20	170.14	1,859.99	1,812.52	47.47	39.179	
9,500.00	7,256.10	6,878.06	6,651.13	38.21	22.94	58.30	1,027.68	163.86	1,935.24	1,887.64	47.60	40.654	
9,600.00	7,252.84	6,869.77	6,643.25	39.67	22.90	57.97	1,026.34	161.68	2,012.65	1,964.91	47.73	42.164	
9,700.00	7,249.57	6,850.00	6,624.34	41.16	22.82	57.16	1,023.13	156.89	2,092.00	2,044.16	47.83	43.735	
9,800.00	7,246.30	6,850.00	6,624.34	42.65	22.82	57.16	1,023.13	156.89	2,172.73	2,124.78	47.95	45.315	
9,900.00	7,243.04	6,850.00	6,624.34	44.16	22.82	57.16	1,023.13	156.89	2,255.00	2,206.96	48.04	46.935	
10,000.00	7,239.77	6,841.47	6,616.14	45.68	22.79	56.82	1,021.74	155.00	2,338.61	2,290.48	48.12	48.595	
10,100.00	7,236.50	6,821.62	6,597.02	47.21	22.71	56.02	1,018.50	150.75	2,423.34	2,375.15	48.19	50.289	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	2.00	3.28	3.28	-89.80	4.03	-1,159.58	1,159.58					
100.00	100.00	102.00	102.00	3.28	3.28	-89.80	4.03	-1,159.58	1,159.58	1,152.05	7.53	154.014		
200.00	200.00	202.00	202.00	3.31	3.31	-89.80	4.03	-1,159.58	1,159.58	1,152.01	7.57	153.089		
300.00	300.00	322.94	322.93	3.35	3.36	-89.78	4.43	-1,159.01	1,159.20	1,151.53	7.68	151.020		
400.00	400.00	472.44	472.24	3.42	3.48	-89.58	8.49	-1,153.09	1,155.26	1,147.41	7.85	147.226		
500.00	500.00	620.79	619.83	3.50	3.65	-89.15	16.88	-1,140.88	1,147.07	1,138.99	8.08	142.014		
600.00	600.00	767.22	764.57	3.61	3.87	-88.50	29.40	-1,122.67	1,134.76	1,126.39	8.37	135.608		
700.00	700.00	911.02	905.43	3.73	4.17	-87.62	45.75	-1,098.87	1,118.48	1,109.76	8.72	128.270		
800.00	800.00	1,030.39	1,021.24	3.87	4.50	-86.69	62.13	-1,075.04	1,098.92	1,089.82	9.11	120.660		
900.00	899.98	1,127.56	1,115.33	4.02	4.80	-177.90	75.86	-1,055.05	1,080.79	1,071.30	9.49	113.909		
1,000.00	999.84	1,225.31	1,209.99	4.17	5.13	-177.10	89.68	-1,034.95	1,066.31	1,056.42	9.89	107.782		
1,100.00	1,099.45	1,323.52	1,305.10	4.33	5.47	-176.29	103.56	-1,014.75	1,055.51	1,045.18	10.34	102.101		
1,200.00	1,198.70	1,422.07	1,400.53	4.52	5.84	-175.47	117.49	-994.49	1,048.41	1,037.60	10.81	96.978		
1,300.00	1,297.47	1,520.85	1,496.19	4.73	6.22	-174.65	131.45	-974.17	1,045.00	1,033.68	11.32	92.304		
1,400.00	1,395.82	1,619.72	1,591.92	4.97	6.62	-173.84	145.42	-953.84	1,044.25	1,032.39	11.86	88.048		
1,500.00	1,494.16	1,718.59	1,687.67	5.23	7.02	-173.03	159.39	-933.51	1,043.81	1,031.39	12.42	84.022		
1,600.00	1,592.50	1,817.46	1,783.41	5.51	7.40	-172.21	173.36	-913.17	1,043.59	1,030.61	12.98	80.405		
1,654.05	1,645.65	1,870.90	1,835.16	5.66	7.52	-171.77	180.92	-902.18	1,043.56	1,030.51	13.04	80.004		
1,700.00	1,690.83	1,916.32	1,879.15	5.79	7.60	-171.40	187.34	-892.84	1,043.58	1,030.36	13.22	78.928		
1,800.00	1,789.17	2,015.19	1,974.89	6.10	7.66	-170.59	201.31	-872.51	1,043.79	1,030.26	13.53	77.169		
1,900.00	1,887.51	2,114.06	2,070.63	6.26	7.75	-169.77	215.28	-852.17	1,044.21	1,030.68	13.53	77.197		
2,000.00	1,985.85	2,212.93	2,166.37	6.30	7.85	-168.96	229.26	-831.84	1,044.85	1,031.20	13.65	76.565		
2,100.00	2,084.19	2,311.80	2,262.12	6.35	7.96	-168.15	243.23	-811.51	1,045.70	1,031.90	13.80	75.765		
2,200.00	2,182.53	2,410.67	2,357.86	6.43	8.10	-167.34	257.20	-791.18	1,046.77	1,032.77	13.99	74.813		
2,300.00	2,280.86	2,509.54	2,453.60	6.52	8.25	-166.53	271.18	-770.84	1,048.05	1,033.83	14.21	73.728		
2,400.00	2,379.20	2,608.41	2,549.34	6.63	8.42	-165.72	285.15	-750.51	1,049.54	1,035.07	14.47	72.532		
2,500.00	2,477.54	2,707.28	2,645.08	6.75	8.60	-164.92	299.12	-730.18	1,051.24	1,036.49	14.76	71.244		
2,600.00	2,575.88	2,806.15	2,740.82	6.89	8.79	-164.12	313.10	-709.84	1,053.16	1,038.09	15.07	69.885		
2,700.00	2,674.22	2,905.02	2,836.56	7.05	9.00	-163.32	327.07	-689.51	1,055.28	1,039.87	15.41	68.474		
2,800.00	2,772.55	3,003.89	2,932.31	7.21	9.22	-162.53	341.04	-669.18	1,057.61	1,041.84	15.78	67.029		
2,900.00	2,870.89	3,102.75	3,028.05	7.39	9.45	-161.73	355.01	-648.85	1,060.15	1,043.98	16.17	65.565		
3,000.00	2,969.23	3,201.62	3,123.79	7.59	9.69	-160.95	368.99	-628.51	1,062.90	1,046.32	16.58	64.095		
3,100.00	3,067.57	3,300.49	3,219.53	7.79	9.94	-160.16	382.96	-608.18	1,065.85	1,048.83	17.02	62.633		
3,200.00	3,165.91	3,400.64	3,315.27	8.00	10.21	-159.39	396.93	-587.85	1,069.00	1,051.53	17.47	61.175		
3,300.00	3,264.25	3,501.77	3,411.01	8.22	10.48	-158.61	410.91	-567.51	1,072.35	1,054.40	17.95	59.734		
3,400.00	3,362.58	3,602.90	3,506.75	8.46	10.76	-157.84	424.88	-547.18	1,075.90	1,057.46	18.45	58.324		
3,500.00	3,460.92	3,704.03	3,602.50	8.69	11.05	-157.08	438.85	-526.85	1,079.65	1,060.69	18.96	56.950		
3,600.00	3,559.26	3,805.16	3,698.24	8.94	11.35	-156.32	452.83	-506.51	1,083.59	1,064.11	19.48	55.616		
3,700.00	3,657.60	3,906.29	3,793.98	9.19	11.65	-155.57	466.80	-486.18	1,087.73	1,067.71	20.02	54.325		
3,800.00	3,755.94	3,992.58	3,889.72	9.45	11.91	-154.82	480.77	-465.85	1,092.05	1,071.52	20.53	53.191		
3,900.00	3,854.27	4,108.55	3,985.46	9.72	12.27	-154.08	494.74	-445.52	1,096.57	1,075.43	21.14	51.877		
4,000.00	3,952.61	4,190.32	4,081.20	9.99	12.52	-153.34	508.72	-425.18	1,101.26	1,079.61	21.65	50.858		
4,100.00	4,050.95	4,289.18	4,176.95	10.26	12.84	-152.61	522.69	-404.85	1,106.15	1,083.92	22.23	49.758		
4,200.00	4,149.29	4,388.05	4,272.69	10.54	13.16	-151.89	536.66	-384.52	1,111.21	1,088.39	22.82	48.702		
4,300.00	4,247.63	4,486.92	4,368.43	10.82	13.48	-151.17	550.64	-364.18	1,116.45	1,093.04	23.41	47.689		
4,400.00	4,345.97	4,585.79	4,464.17	11.11	13.80	-150.46	564.61	-343.85	1,121.87	1,097.85	24.01	46.717		
4,500.00	4,444.30	4,684.66	4,559.91	11.40	14.13	-149.76	578.58	-323.52	1,127.46	1,102.83	24.62	45.786		
4,600.00	4,542.64	4,783.53	4,655.65	11.69	14.46	-149.06	592.56	-303.19	1,133.22	1,107.98	25.24	44.895		
4,700.00	4,640.98	4,882.40	4,751.39	11.99	14.80	-148.37	606.53	-282.85	1,139.15	1,113.28	25.87	44.041		
4,800.00	4,739.32	4,981.27	4,847.14	12.29	15.14	-147.69	620.50	-262.52	1,145.25	1,118.75	26.50	43.224		
4,900.00	4,837.66	5,080.14	4,942.88	12.59	15.48	-147.02	634.48	-242.19	1,151.50	1,124.37	27.13	42.442		
5,000.00	4,936.00	5,179.01	5,038.62	12.89	15.82	-146.35	648.45	-221.85	1,157.92	1,130.15	27.77	41.693		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,034.33	5,277.88	5,134.36	13.20	16.16	-145.69	662.42	-201.52	1,164.50	1,136.08	28.42	40.976		
5,200.00	5,132.67	5,376.75	5,230.10	13.51	16.51	-145.03	676.39	-181.19	1,171.23	1,142.16	29.07	40.290		
5,300.00	5,231.01	5,475.61	5,325.84	13.82	16.86	-144.39	690.37	-160.85	1,178.12	1,148.39	29.73	39.633		
5,400.00	5,329.35	5,574.48	5,421.59	14.13	17.21	-143.75	704.34	-140.52	1,185.15	1,154.77	30.39	39.004		
5,500.00	5,427.69	5,673.35	5,517.33	14.44	17.56	-143.12	718.31	-120.19	1,192.33	1,161.28	31.05	38.402		
5,600.00	5,526.02	5,772.22	5,613.07	14.76	17.91	-142.50	732.29	-99.86	1,199.66	1,167.94	31.72	37.825		
5,700.00	5,624.36	5,871.09	5,708.81	15.08	18.27	-141.88	746.26	-79.52	1,207.12	1,174.74	32.39	37.272		
5,800.00	5,722.70	5,969.96	5,804.55	15.39	18.62	-141.27	760.23	-59.19	1,214.73	1,181.67	33.06	36.742		
5,900.00	5,821.04	6,068.83	5,900.29	15.71	18.98	-140.67	774.21	-38.86	1,222.48	1,188.74	33.74	36.234		
6,000.00	5,919.38	6,167.70	5,996.03	16.03	19.34	-140.08	788.18	-18.52	1,230.35	1,195.93	34.42	35.747		
6,100.00	6,017.72	6,266.57	6,091.78	16.35	19.70	-139.49	802.15	1.81	1,238.36	1,203.26	35.10	35.280		
6,200.00	6,116.05	6,365.44	6,187.52	16.68	20.06	-138.92	816.12	22.14	1,246.50	1,210.71	35.79	34.832		
6,300.00	6,214.39	6,464.31	6,283.26	17.00	20.42	-138.35	830.10	42.47	1,254.76	1,218.29	36.47	34.401		
6,400.00	6,312.73	6,563.18	6,379.00	17.33	20.79	-137.78	844.07	62.81	1,263.15	1,225.99	37.16	33.988		
6,500.00	6,411.07	6,661.03	6,478.05	17.65	32.11	-98.22	937.10	1,021.14	1,243.26	1,201.78	41.48	29.970		
6,600.00	6,509.41	6,759.88	6,517.98	17.98	32.33	-97.20	936.52	1,038.93	1,184.46	1,141.29	43.17	27.437		
6,700.00	6,608.03	6,852.82	6,718.93	18.27	32.53	-94.82	936.00	1,054.91	1,131.08	1,086.18	44.89	25.194		
6,800.00	6,707.89	6,955.27	6,787.92	18.44	32.56	-98.95	935.93	1,057.36	1,083.87	1,037.46	46.40	23.358		
6,900.00	6,806.95	6,942.07	6,787.96	18.53	32.40	-97.51	936.35	1,044.17	1,044.78	997.18	47.60	21.949		
7,000.00	6,902.79	6,913.55	6,788.07	18.56	32.04	-98.08	937.28	1,015.67	1,015.18	966.79	48.39	20.980		
7,100.00	6,993.03	6,970.41	6,788.22	18.55	31.52	-97.40	938.67	972.55	995.38	946.66	48.72	20.432		
7,200.00	7,075.46	7,913.71	6,788.42	18.51	30.84	-95.54	940.51	915.89	984.63	936.03	48.59	20.262 SF		
7,300.00	7,148.05	7,844.86	6,788.67	18.49	30.03	-92.86	942.74	847.06	981.28	933.18	48.11	20.397 ES		
7,306.67	7,152.49	7,839.87	6,788.69	18.49	29.97	-92.67	942.90	842.08	981.27	933.21	48.07	20.414 CC		
7,400.00	7,209.00	7,765.53	6,788.96	18.51	29.13	-89.84	945.31	767.78	983.16	935.78	47.37	20.753		
7,500.00	7,256.83	7,667.29	6,783.50	18.59	28.04	-86.42	947.59	669.81	987.49	941.04	46.45	21.261		
7,600.00	7,290.34	7,574.65	6,764.86	18.76	27.04	-83.17	947.64	579.14	992.54	946.96	45.58	21.777		
7,700.00	7,308.73	7,488.47	6,736.03	19.02	26.16	-80.19	945.82	498.02	997.97	953.13	44.84	22.258		
7,800.00	7,311.63	7,407.33	6,709.23	19.37	25.38	-77.53	942.49	425.85	1,003.38	959.13	44.25	22.676		
7,900.00	7,308.36	7,334.32	6,705.82	19.85	24.74	-75.32	938.22	365.37	1,010.75	966.88	43.87	23.037		
8,000.00	7,305.09	7,271.53	6,701.43	20.46	24.22	-73.14	933.61	317.39	1,022.46	978.75	43.70	23.395		
8,100.00	7,301.83	7,217.95	6,680.59	21.18	23.81	-71.09	929.03	279.75	1,039.44	995.74	43.70	23.787		
8,200.00	7,298.56	7,172.30	6,645.99	22.01	23.49	-69.23	924.68	250.31	1,062.34	1,018.52	43.82	24.246		
8,300.00	7,295.30	7,133.31	6,614.86	22.93	23.23	-67.57	920.67	227.19	1,091.45	1,047.43	44.01	24.799		
8,400.00	7,292.03	7,100.00	6,687.20	23.93	23.02	-66.12	917.02	209.00	1,126.78	1,082.53	44.25	25.462		
8,500.00	7,288.76	7,071.02	6,662.41	25.01	22.86	-64.83	913.70	194.37	1,168.16	1,123.64	44.51	26.242		
8,600.00	7,285.50	7,050.00	6,644.03	26.14	22.73	-63.88	911.21	184.48	1,215.25	1,170.46	44.79	27.132		
8,700.00	7,282.23	7,024.09	6,620.94	27.34	22.60	-62.70	908.05	173.14	1,267.57	1,222.56	45.02	28.158		
8,800.00	7,278.96	7,000.00	6,799.10	28.58	22.47	-61.60	905.02	163.45	1,324.73	1,279.51	45.22	29.296		
8,900.00	7,275.70	7,000.00	6,799.10	29.86	22.47	-61.60	905.02	163.45	1,386.29	1,340.82	45.47	30.488		
9,000.00	7,272.43	6,972.67	6,773.90	31.18	22.34	-60.34	901.49	153.48	1,451.46	1,405.85	45.61	31.824		
9,100.00	7,269.17	6,950.00	6,752.70	32.54	22.24	-59.30	898.49	146.05	1,520.27	1,474.53	45.73	33.241		
9,200.00	7,265.90	6,950.00	6,752.70	33.92	22.24	-59.30	898.49	146.05	1,591.96	1,546.07	45.89	34.694		
9,300.00	7,262.63	6,950.00	6,752.70	35.33	22.24	-59.30	898.49	146.05	1,666.57	1,620.56	46.01	36.225		
9,400.00	7,259.37	6,925.95	6,729.94	36.76	22.14	-58.20	895.24	139.00	1,743.19	1,697.11	46.08	37.830		
9,500.00	7,256.10	6,916.86	6,721.27	38.21	22.10	-57.78	893.99	136.56	1,822.09	1,775.94	46.15	39.478		
9,600.00	7,252.84	6,900.00	6,705.11	39.67	22.03	-57.01	891.65	132.37	1,902.91	1,856.70	46.21	41.179		
9,700.00	7,249.57	6,900.00	6,705.11	41.16	22.03	-57.01	891.65	132.37	1,985.23	1,938.96	46.27	42.906		
9,800.00	7,246.30	6,900.00	6,705.11	42.65	22.03	-57.01	891.65	132.37	2,069.11	2,022.80	46.32	44.675		
9,900.00	7,243.04	6,887.42	6,692.98	44.16	21.99	-56.44	889.89	129.53	2,154.23	2,107.87	46.35	46.475		
10,000.00	7,239.77	6,884.54	6,690.20	45.68	21.97	-56.31	889.49	128.90	2,240.53	2,194.15	46.38	48.304		
10,100.00	7,236.50	6,860.92	6,667.32	47.21	21.89	-55.25	886.15	124.04	2,327.81	2,281.40	46.42	50.152		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,233.24	6,837.29	6,644.45	48.75	21.80	54.20	882.81	119.18	2,415.85	2,369.40	46.45	52.013		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.52	-0.73	80.18	80.19				
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-0.73	80.18	80.19	72.66	7.53	10.650	
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-0.73	80.18	80.19	72.61	7.57	10.587	
203.38	203.38	203.38	203.38	3.31	3.31	90.52	-0.73	80.18	80.19	72.61	7.58	10.584 CC, ES	
300.00	300.00	298.81	298.81	3.35	3.35	90.37	-0.52	80.54	80.55	72.89	7.66	10.513	
400.00	400.00	396.32	396.26	3.42	3.41	89.24	1.11	83.44	83.53	75.74	7.79	10.727	
500.00	500.00	493.49	493.20	3.50	3.50	87.21	4.35	89.19	89.56	81.61	7.95	11.268	
600.00	600.00	590.10	589.31	3.61	3.61	84.64	9.17	97.75	98.76	90.62	8.14	12.130	
700.00	700.00	685.95	684.26	3.73	3.74	81.90	15.52	109.02	111.24	102.88	8.37	13.296	
800.00	800.00	780.81	777.78	3.87	3.90	79.25	23.34	122.90	127.06	118.44	8.62	14.740	
900.00	899.98	877.71	872.84	4.02	4.10	-15.25	32.57	139.27	143.93	135.02	8.91	16.161	
1,000.00	999.84	976.51	969.72	4.17	4.34	-17.64	42.07	156.14	157.94	148.72	9.22	17.123	
1,100.00	1,099.45	1,075.65	1,066.94	4.33	4.60	-20.03	51.61	173.06	168.95	159.37	9.58	17.643	
1,200.00	1,198.70	1,175.01	1,164.38	4.52	4.87	-22.56	61.16	190.02	177.02	167.06	9.96	17.771	
1,300.00	1,297.47	1,274.48	1,261.91	4.73	5.17	-25.33	70.73	207.00	182.26	171.88	10.38	17.561	
1,400.00	1,395.82	1,373.95	1,359.46	4.97	5.48	-28.32	80.30	223.98	185.76	174.92	10.83	17.151	
1,500.00	1,494.16	1,473.41	1,457.00	5.23	5.80	-31.22	89.87	240.96	189.67	178.35	11.31	16.765	
1,600.00	1,592.50	1,572.88	1,554.54	5.51	6.13	-33.99	99.44	257.94	194.05	182.22	11.83	16.406	
1,700.00	1,690.83	1,672.35	1,652.08	5.79	6.47	-36.64	109.00	274.92	198.86	186.49	12.37	16.078	
1,800.00	1,789.17	1,771.82	1,749.62	6.10	6.82	-39.16	118.57	291.90	204.09	191.15	12.94	15.777	
1,900.00	1,887.51	1,871.29	1,847.16	6.26	7.06	-41.55	128.14	308.88	209.69	196.78	12.91	16.246	
2,000.00	1,985.85	1,970.76	1,944.70	6.30	7.15	-43.81	137.71	325.86	215.63	202.61	13.02	16.558	
2,100.00	2,084.19	2,070.22	2,042.24	6.35	7.20	-45.95	147.28	342.84	221.90	208.76	13.14	16.893	
2,200.00	2,182.53	2,169.69	2,139.78	6.43	7.28	-47.97	156.84	359.83	228.45	215.17	13.29	17.195	
2,300.00	2,280.86	2,269.16	2,237.32	6.52	7.37	-49.87	166.41	376.81	235.28	221.81	13.47	17.464	
2,400.00	2,379.20	2,368.63	2,334.86	6.63	7.47	-51.67	175.98	393.79	242.35	228.66	13.69	17.699	
2,500.00	2,477.54	2,468.10	2,432.40	6.75	7.59	-53.36	185.55	410.77	249.65	235.70	13.95	17.900	
2,600.00	2,575.88	2,567.57	2,529.94	6.89	7.72	-54.96	195.12	427.75	257.15	242.92	14.23	18.070	
2,700.00	2,674.22	2,667.03	2,627.48	7.05	7.87	-56.46	204.68	444.73	264.84	250.29	14.54	18.209	
2,800.00	2,772.55	2,766.50	2,725.02	7.21	8.03	-57.88	214.25	461.71	272.70	257.81	14.89	18.320	
2,900.00	2,870.89	2,865.97	2,822.56	7.39	8.20	-59.22	223.82	478.69	280.72	265.47	15.25	18.406	
3,000.00	2,969.23	2,965.44	2,920.10	7.59	8.38	-60.49	233.39	495.67	288.88	273.24	15.64	18.470	
3,100.00	3,067.57	3,064.91	3,017.64	7.79	8.58	-61.68	242.96	512.65	297.18	281.13	16.05	18.514	
3,200.00	3,165.91	3,164.38	3,115.18	8.00	8.78	-62.81	252.52	529.63	305.60	289.12	16.48	18.541	
3,300.00	3,264.25	3,263.84	3,212.72	8.22	8.99	-63.88	262.09	546.61	314.13	297.20	16.93	18.553	
3,400.00	3,362.58	3,363.31	3,310.26	8.46	9.21	-64.89	271.66	563.59	322.76	305.36	17.40	18.552	
3,500.00	3,460.92	3,462.78	3,407.80	8.69	9.44	-65.85	281.23	580.57	331.49	313.61	17.88	18.541	
3,600.00	3,559.26	3,562.25	3,505.34	8.94	9.67	-66.76	290.80	597.55	340.31	321.93	18.38	18.520	
3,700.00	3,657.60	3,661.72	3,602.88	9.19	9.91	-67.63	300.36	614.53	349.21	330.32	18.88	18.492	
3,800.00	3,755.94	3,761.18	3,700.42	9.45	10.16	-68.45	309.93	631.51	358.18	338.77	19.40	18.458	
3,900.00	3,854.27	3,860.65	3,797.96	9.72	10.42	-69.23	319.50	648.49	367.22	347.28	19.94	18.419	
4,000.00	3,952.61	3,960.12	3,895.50	9.99	10.68	-69.97	329.07	665.47	376.33	355.85	20.48	18.377	
4,100.00	4,050.95	4,059.59	3,993.04	10.26	10.94	-70.68	338.64	682.45	385.49	364.46	21.03	18.331	
4,200.00	4,149.29	4,159.06	4,090.58	10.54	11.21	-71.36	348.20	699.43	394.72	373.13	21.59	18.283	
4,300.00	4,247.63	4,258.53	4,188.12	10.82	11.48	-72.00	357.77	716.41	403.99	381.84	22.16	18.233	
4,400.00	4,345.97	4,357.99	4,285.66	11.11	11.76	-72.62	367.34	733.39	413.32	390.58	22.73	18.182	
4,500.00	4,444.30	4,457.46	4,383.20	11.40	12.04	-73.20	376.91	750.37	422.68	399.37	23.31	18.130	
4,600.00	4,542.64	4,556.93	4,480.74	11.69	12.33	-73.77	386.48	767.35	432.10	408.19	23.90	18.078	
4,700.00	4,640.98	4,656.40	4,578.28	11.99	12.62	-74.31	396.04	784.33	441.55	417.05	24.50	18.026	
4,800.00	4,739.32	4,755.87	4,675.82	12.29	12.91	-74.82	405.61	801.31	451.03	425.94	25.09	17.974	
4,900.00	4,837.66	4,855.34	4,773.36	12.59	13.20	-75.32	415.18	818.29	460.56	434.86	25.70	17.922	
5,000.00	4,936.00	4,954.80	4,870.90	12.89	13.50	-75.79	424.75	835.27	470.11	443.80	26.31	17.870	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,054.27	4,968.44	13.20	13.80	-76.25	434.31	852.25	479.70	452.78	26.92	17.820	
5,200.00	5,132.67	5,153.74	5,065.98	13.51	14.10	-76.69	443.88	869.23	489.31	461.78	27.54	17.770	
5,300.00	5,231.01	5,253.21	5,163.52	13.82	14.40	-77.11	453.45	886.21	498.95	470.80	28.16	17.721	
5,400.00	5,329.35	5,352.68	5,261.06	14.13	14.71	-77.51	463.02	903.19	508.62	479.84	28.78	17.672	
5,500.00	5,427.69	5,452.15	5,358.60	14.44	15.02	-77.90	472.59	920.17	518.31	488.91	29.41	17.625	
5,600.00	5,526.02	5,551.61	5,456.14	14.76	15.33	-78.28	482.15	937.16	528.03	497.99	30.04	17.579	
5,700.00	5,624.36	5,651.08	5,553.68	15.08	15.64	-78.64	491.72	954.14	537.77	507.10	30.67	17.533	
5,800.00	5,722.70	5,750.55	5,651.22	15.39	15.95	-78.99	501.29	971.12	547.52	516.22	31.31	17.489	
5,900.00	5,821.04	5,850.02	5,748.76	15.71	16.27	-79.33	510.86	988.10	557.30	525.36	31.94	17.446	
6,000.00	5,919.38	5,949.49	5,846.30	16.03	16.58	-79.65	520.43	1,005.08	567.10	534.51	32.59	17.403	
6,100.00	6,017.72	6,048.96	5,943.84	16.35	16.90	-79.97	529.99	1,022.06	576.91	543.68	33.23	17.362	
6,200.00	6,116.05	6,148.42	6,041.38	16.68	17.22	-80.27	539.56	1,039.04	586.74	552.87	33.87	17.322	
6,300.00	6,214.39	6,247.89	6,138.92	17.00	17.54	-80.56	549.13	1,056.02	596.58	562.07	34.52	17.282	
6,400.00	6,312.73	6,347.49	6,236.59	17.33	17.86	-80.85	558.71	1,073.02	606.45	571.28	35.17	17.244	
6,500.00	6,411.07	6,464.52	6,352.53	17.65	18.11	-82.17	570.14	1,082.17	614.85	579.06	35.79	17.178	
6,600.00	6,509.41	6,573.61	6,460.42	17.98	18.26	-85.10	580.86	1,071.37	621.45	585.11	36.34	17.100	
6,700.00	6,608.03	6,670.95	6,553.89	18.27	18.33	-90.38	590.22	1,046.25	628.77	591.99	36.77	17.098	
6,800.00	6,707.89	6,761.34	6,636.35	18.44	18.35	94.01	598.54	1,010.35	638.97	601.99	36.98	17.281	
6,900.00	6,806.95	6,846.98	6,709.06	18.53	18.33	85.30	605.93	965.83	651.64	614.62	37.02	17.602	
7,000.00	6,902.79	6,928.86	6,772.42	18.56	18.31	80.73	612.44	914.47	665.97	629.02	36.95	18.024	
7,100.00	6,993.03	7,007.77	6,826.79	18.55	18.28	76.88	618.08	857.63	681.10	644.29	36.81	18.504	
7,200.00	7,075.46	7,084.33	6,872.47	18.51	18.28	73.52	622.88	796.43	696.20	659.54	36.66	18.990	
7,300.00	7,148.05	7,159.03	6,909.68	18.49	18.30	70.63	626.86	731.83	710.51	673.94	36.58	19.425	
7,400.00	7,209.00	7,232.27	6,938.60	18.51	18.38	68.22	630.03	664.66	723.37	686.75	36.62	19.756	
7,500.00	7,256.83	7,304.38	6,959.40	18.59	18.51	66.27	632.41	595.70	734.20	697.38	36.82	19.939	
7,600.00	7,290.34	7,375.62	6,972.19	18.76	18.70	64.79	634.00	525.67	742.58	705.35	37.23	19.945	
7,700.00	7,308.73	7,450.00	6,977.16	19.02	18.96	63.76	634.83	451.51	748.17	710.34	37.84	19.774	
7,800.00	7,311.63	7,535.76	6,975.44	19.37	19.37	63.37	635.06	365.77	749.93	711.25	38.68	19.390	
7,900.00	7,308.36	7,635.75	6,973.04	19.85	19.97	63.41	635.28	265.81	749.17	709.39	39.77	18.836	
8,000.00	7,305.09	7,735.75	6,970.63	20.46	20.69	63.45	635.51	165.84	748.40	707.32	41.08	18.219	
8,100.00	7,301.83	7,835.74	6,968.23	21.18	21.52	63.50	635.73	65.87	747.64	705.06	42.58	17.560	
8,200.00	7,298.56	7,935.74	6,965.82	22.01	22.44	63.54	635.96	-34.09	746.88	702.63	44.24	16.881	
8,300.00	7,295.30	8,035.73	6,963.41	22.93	23.45	63.59	636.18	-134.06	746.11	700.05	46.07	16.197	
8,400.00	7,292.03	8,135.73	6,961.01	23.93	24.53	63.63	636.41	-234.02	745.35	697.33	48.02	15.521	
8,500.00	7,288.76	8,235.72	6,958.60	25.01	25.67	63.68	636.63	-333.99	744.59	694.49	50.10	14.862	
8,600.00	7,285.50	8,335.72	6,956.19	26.14	26.86	63.72	636.86	-433.96	743.83	691.54	52.28	14.227	
8,700.00	7,282.23	8,435.71	6,953.79	27.34	28.10	63.77	637.08	-533.92	743.07	688.51	54.56	13.619	
8,800.00	7,278.96	8,535.71	6,951.38	28.58	29.39	63.81	637.31	-633.89	742.31	685.39	56.92	13.042	
8,900.00	7,275.70	8,635.70	6,948.98	29.86	30.71	63.86	637.53	-733.86	741.55	682.20	59.35	12.495	
9,000.00	7,272.43	8,735.70	6,946.57	31.18	32.06	63.90	637.76	-833.82	740.79	678.94	61.85	11.978	
9,100.00	7,269.17	8,835.70	6,944.16	32.54	33.44	63.95	637.98	-933.79	740.03	675.63	64.40	11.492	
9,200.00	7,265.90	8,935.69	6,941.76	33.92	34.85	63.99	638.20	-1,033.75	739.27	672.27	67.00	11.034	
9,300.00	7,262.63	9,035.69	6,939.35	35.33	36.28	64.04	638.43	-1,133.72	738.51	668.86	69.65	10.603	
9,400.00	7,259.37	9,135.68	6,936.94	36.76	37.73	64.09	638.65	-1,233.69	737.75	665.42	72.34	10.199	
9,500.00	7,256.10	9,235.68	6,934.54	38.21	39.19	64.13	638.88	-1,333.65	737.00	661.94	75.06	9.819	
9,600.00	7,252.84	9,335.67	6,932.13	39.67	40.68	64.18	639.10	-1,433.62	736.24	658.42	77.82	9.461	
9,700.00	7,249.57	9,435.67	6,929.73	41.16	42.17	64.22	639.33	-1,533.59	735.48	654.88	80.60	9.125	
9,800.00	7,246.30	9,535.66	6,927.32	42.65	43.68	64.27	639.55	-1,633.55	734.73	651.31	83.41	8.808	
9,900.00	7,243.04	9,635.66	6,924.91	44.16	45.20	64.31	639.78	-1,733.52	733.97	647.72	86.25	8.510	
10,000.00	7,239.77	9,735.65	6,922.51	45.68	46.73	64.36	640.00	-1,833.48	733.22	644.11	89.11	8.228	
10,100.00	7,236.50	9,835.65	6,920.10	47.21	48.27	64.41	640.23	-1,933.45	732.46	640.47	91.99	7.963	
10,200.00	7,233.24	9,935.64	6,917.70	48.75	49.82	64.45	640.45	-2,033.42	731.71	636.82	94.88	7.712	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,229.97	10,035.64	6,915.29	50.30	51.38	64.50	640.68	-2,133.38	730.96	633.16	97.80	7.474		
10,400.00	7,226.71	10,135.64	6,912.88	51.86	52.94	64.55	640.90	-2,233.35	730.20	629.48	100.73	7.249		
10,500.00	7,223.44	10,235.63	6,910.48	53.42	54.51	64.59	641.13	-2,333.31	729.45	625.78	103.67	7.036		
10,600.00	7,220.17	10,335.63	6,908.07	54.99	56.08	64.64	641.35	-2,433.28	728.70	622.07	106.63	6.834		
10,700.00	7,216.91	10,435.62	6,905.66	56.57	57.66	64.69	641.58	-2,533.25	727.95	618.35	109.60	6.642		
10,800.00	7,213.64	10,535.62	6,903.26	58.15	59.25	64.73	641.80	-2,633.21	727.20	614.62	112.58	6.460		
10,900.00	7,210.38	10,635.61	6,900.85	59.74	60.84	64.78	642.03	-2,733.18	726.45	610.88	115.57	6.286		
11,000.00	7,207.11	10,735.61	6,898.45	61.33	62.44	64.83	642.25	-2,833.15	725.70	607.13	118.57	6.121		
11,100.00	7,203.84	10,835.60	6,896.04	62.92	64.03	64.88	642.48	-2,933.11	724.95	603.37	121.58	5.963		
11,200.00	7,200.58	10,935.60	6,893.63	64.52	65.64	64.92	642.70	-3,033.08	724.20	599.60	124.60	5.812		
11,300.00	7,197.31	11,035.59	6,891.23	66.12	67.24	64.97	642.93	-3,133.04	723.45	595.82	127.63	5.669		
11,400.00	7,194.05	11,135.59	6,888.82	67.73	68.85	65.02	643.15	-3,233.01	722.70	592.04	130.66	5.531		
11,500.00	7,190.78	11,235.59	6,886.42	69.34	70.46	65.07	643.38	-3,332.98	721.95	588.25	133.70	5.400		
11,600.00	7,187.51	11,335.58	6,884.01	70.95	72.08	65.11	643.60	-3,432.94	721.21	584.45	136.75	5.274		
11,700.00	7,184.25	11,435.58	6,881.60	72.57	73.69	65.16	643.83	-3,532.91	720.46	580.65	139.81	5.153		
11,800.00	7,180.98	11,535.57	6,879.20	74.18	75.31	65.21	644.05	-3,632.88	719.71	576.84	142.87	5.037		
11,900.00	7,177.71	11,635.57	6,876.79	75.80	76.94	65.26	644.28	-3,732.84	718.97	573.02	145.94	4.926		
12,000.00	7,174.45	11,735.56	6,874.38	77.43	78.56	65.31	644.50	-3,832.81	718.22	569.20	149.02	4.820		
12,100.00	7,171.18	11,835.56	6,871.98	79.05	80.19	65.35	644.72	-3,932.77	717.48	565.38	152.10	4.717		
12,200.00	7,167.92	11,935.55	6,869.57	80.68	81.81	65.40	644.95	-4,032.74	716.73	561.55	155.18	4.619		
12,300.00	7,164.65	12,035.55	6,867.17	82.30	83.44	65.45	645.17	-4,132.71	715.99	557.71	158.28	4.524		
12,400.00	7,161.38	12,135.54	6,864.76	83.93	85.07	65.50	645.40	-4,232.67	715.25	553.88	161.37	4.432		
12,500.00	7,158.12	12,235.54	6,862.35	85.56	86.71	65.55	645.62	-4,332.64	714.51	550.03	164.47	4.344		
12,600.00	7,154.85	12,335.53	6,859.95	87.20	88.34	65.60	645.85	-4,432.60	713.76	546.19	167.58	4.259		
12,700.00	7,151.59	12,435.53	6,857.54	88.83	89.98	65.65	646.07	-4,532.57	713.02	542.33	170.69	4.177		
12,800.00	7,148.32	12,535.53	6,855.14	90.47	91.61	65.69	646.30	-4,632.54	712.28	538.48	173.80	4.098		
12,900.00	7,145.05	12,635.52	6,852.73	92.11	93.25	65.74	646.52	-4,732.50	711.54	534.62	176.92	4.022		
13,000.00	7,141.79	12,735.52	6,850.32	93.74	94.89	65.79	646.75	-4,832.47	710.80	530.76	180.04	3.948		
13,100.00	7,138.52	12,835.51	6,847.92	95.38	96.53	65.84	646.97	-4,932.44	710.06	526.90	183.17	3.877		
13,200.00	7,135.25	12,935.51	6,845.51	97.02	98.17	65.89	647.20	-5,032.40	709.32	523.03	186.30	3.808		
13,300.00	7,131.99	13,035.50	6,843.10	98.67	99.82	65.94	647.42	-5,132.37	708.59	519.16	189.43	3.741		
13,400.00	7,128.72	13,135.50	6,840.70	100.31	101.46	65.99	647.65	-5,232.33	707.85	515.28	192.57	3.676		
13,500.00	7,125.46	13,235.49	6,838.29	101.95	103.10	66.04	647.87	-5,332.30	707.11	511.40	195.71	3.613		
13,600.00	7,122.19	13,335.49	6,835.89	103.60	104.75	66.09	648.10	-5,432.27	706.37	507.52	198.85	3.552		
13,700.00	7,118.92	13,435.48	6,833.48	105.24	106.40	66.14	648.32	-5,532.23	705.64	503.64	202.00	3.493		
13,800.00	7,115.66	13,535.48	6,831.07	106.89	108.04	66.19	648.55	-5,632.20	704.90	499.76	205.15	3.436		
13,900.00	7,112.39	13,635.47	6,828.67	108.54	109.69	66.24	648.77	-5,732.17	704.17	495.87	208.30	3.381		
14,000.00	7,109.13	13,735.47	6,826.26	110.18	111.34	66.29	649.00	-5,832.13	703.43	491.98	211.46	3.327		
14,100.00	7,105.86	13,835.47	6,823.85	111.83	112.99	66.34	649.22	-5,932.10	702.70	488.08	214.61	3.274		
14,200.00	7,102.59	13,935.46	6,821.45	113.48	114.64	66.39	649.45	-6,032.06	701.97	484.19	217.78	3.223		
14,300.00	7,099.33	14,035.46	6,819.04	115.13	116.29	66.44	649.67	-6,132.03	701.23	480.29	220.94	3.174		
14,400.00	7,096.06	14,135.45	6,816.64	116.78	117.94	66.49	649.90	-6,232.00	700.50	476.39	224.11	3.126		
14,500.00	7,092.79	14,235.45	6,814.23	118.43	119.59	66.54	650.12	-6,331.96	699.77	472.49	227.28	3.079		
14,600.00	7,089.53	14,335.44	6,811.82	120.09	121.24	66.59	650.35	-6,431.93	699.04	468.58	230.45	3.033		
14,700.00	7,086.26	14,435.44	6,809.42	121.74	122.90	66.64	650.57	-6,531.89	698.31	464.68	233.63	2.989		
14,800.00	7,083.00	14,535.43	6,807.01	123.39	124.55	66.70	650.79	-6,631.86	697.58	460.77	236.81	2.946		
14,900.00	7,079.73	14,635.43	6,804.61	125.05	126.20	66.75	651.02	-6,731.83	696.85	456.86	239.99	2.904		
15,000.00	7,076.46	14,735.42	6,802.20	126.70	127.86	66.80	651.24	-6,831.79	696.12	452.94	243.17	2.863		
15,100.00	7,073.20	14,835.42	6,799.79	128.35	129.51	66.85	651.47	-6,931.76	695.39	449.03	246.36	2.823		
15,200.00	7,069.93	14,935.42	6,797.39	130.01	131.17	66.90	651.69	-7,031.73	694.66	445.11	249.55	2.784		
15,300.00	7,066.67	15,035.41	6,794.98	131.66	132.83	66.95	651.92	-7,131.69	693.93	441.19	252.74	2.746		
15,400.00	7,063.40	15,135.41	6,792.57	133.32	134.48	67.00	652.14	-7,231.66	693.21	437.27	255.93	2.709		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,060.13	15,235.40	6,790.17	134.98	136.14	67.06	652.37	-7,331.62	692.48	433.35	259.13	2.672	
15,600.00	7,056.87	15,335.40	6,787.76	136.63	137.79	67.11	652.59	-7,431.59	691.76	429.43	262.33	2.637	
15,634.69	7,055.73	15,370.09	6,786.93	137.21	138.37	67.13	652.67	-7,466.27	691.50	428.07	263.44	2.625 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	1.00	3.28	3.28	90.42	-0.73	99.95	99.95				
100.00	100.00	101.00	101.00	3.28	3.28	90.42	-0.73	99.95	99.95	92.42	7.53	13.276	
200.00	200.00	201.00	201.00	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.57	13.196	
202.04	202.04	203.04	203.04	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.58	13.194 CC, ES	
300.00	300.00	299.61	299.61	3.35	3.35	90.27	-0.47	100.29	100.31	92.64	7.66	13.090	
400.00	400.00	396.77	396.71	3.42	3.41	89.16	1.51	102.97	103.07	95.28	7.79	13.234	
500.00	500.00	493.60	493.31	3.50	3.50	87.13	5.43	108.27	108.68	100.73	7.95	13.669	
600.00	600.00	589.87	589.07	3.61	3.61	84.47	11.25	116.14	117.29	109.14	8.15	14.397	
700.00	700.00	685.38	683.70	3.73	3.74	81.50	18.91	126.49	129.06	120.69	8.37	15.413	
800.00	800.00	779.92	776.90	3.87	3.90	78.49	28.34	139.23	144.12	135.49	8.63	16.701	
900.00	899.98	874.72	869.80	4.02	4.10	-16.45	39.57	154.41	160.78	151.88	8.90	18.062	
1,000.00	999.84	973.24	966.16	4.17	4.33	-19.38	51.79	170.92	175.47	166.24	9.22	19.029	
1,100.00	1,099.45	1,072.09	1,062.83	4.33	4.60	-22.25	64.04	187.48	187.35	177.78	9.57	19.570	
1,200.00	1,198.70	1,171.15	1,159.72	4.52	4.88	-25.19	76.32	204.08	196.53	186.57	9.96	19.735	
1,300.00	1,297.47	1,270.29	1,256.69	4.73	5.19	-28.33	88.62	220.69	203.14	192.77	10.38	19.576	
1,400.00	1,395.82	1,369.43	1,353.65	4.97	5.50	-31.65	100.91	237.30	208.26	197.43	10.83	19.229	
1,500.00	1,494.16	1,468.57	1,450.61	5.23	5.83	-34.83	113.20	253.91	213.98	202.66	11.32	18.910	
1,600.00	1,592.50	1,567.71	1,547.58	5.51	6.18	-37.84	125.49	270.52	220.33	208.49	11.83	18.619	
1,700.00	1,690.83	1,666.85	1,644.54	5.79	6.53	-40.67	137.78	287.13	227.25	214.88	12.38	18.358	
1,800.00	1,789.17	1,765.99	1,741.50	6.10	6.88	-43.33	150.07	303.74	234.71	221.76	12.95	18.123	
1,900.00	1,887.51	1,865.13	1,838.46	6.26	7.14	-45.82	162.36	320.35	242.64	229.70	12.93	18.763	
2,000.00	1,985.85	1,964.27	1,935.43	6.30	7.24	-48.16	174.65	336.96	251.00	237.94	13.06	19.226	
2,100.00	2,084.19	2,063.41	2,032.39	6.35	7.30	-50.34	186.94	353.57	259.75	246.58	13.17	19.726	
2,200.00	2,182.53	2,162.55	2,129.35	6.43	7.38	-52.38	199.23	370.18	268.86	255.54	13.32	20.188	
2,300.00	2,280.86	2,261.69	2,226.31	6.52	7.47	-54.28	211.52	386.79	278.28	264.77	13.50	20.608	
2,400.00	2,379.20	2,360.83	2,323.28	6.63	7.58	-56.06	223.82	403.40	287.99	274.26	13.72	20.984	
2,500.00	2,477.54	2,459.97	2,420.24	6.75	7.70	-57.72	236.11	420.01	297.96	283.98	13.98	21.317	
2,600.00	2,575.88	2,559.11	2,517.20	6.89	7.84	-59.27	248.40	436.62	308.16	293.89	14.26	21.607	
2,700.00	2,674.22	2,658.25	2,614.16	7.05	7.99	-60.73	260.69	453.23	318.57	303.99	14.58	21.856	
2,800.00	2,772.55	2,757.39	2,711.13	7.21	8.15	-62.09	272.98	469.84	329.17	314.26	14.92	22.068	
2,900.00	2,870.89	2,856.53	2,808.09	7.39	8.33	-63.36	285.27	486.45	339.95	324.67	15.28	22.245	
3,000.00	2,969.23	2,955.67	2,905.05	7.59	8.51	-64.56	297.56	503.06	350.88	335.21	15.67	22.390	
3,100.00	3,067.57	3,054.81	3,002.01	7.79	8.71	-65.69	309.85	519.67	361.96	345.88	16.08	22.506	
3,200.00	3,165.91	3,153.95	3,098.98	8.00	8.92	-66.74	322.14	536.28	373.17	356.65	16.51	22.598	
3,300.00	3,264.25	3,253.09	3,195.94	8.22	9.14	-67.74	334.43	552.89	384.49	367.53	16.96	22.667	
3,400.00	3,362.58	3,352.23	3,292.90	8.46	9.36	-68.68	346.73	569.50	395.93	378.50	17.43	22.717	
3,500.00	3,460.92	3,451.37	3,389.86	8.69	9.59	-69.57	359.02	586.11	407.46	389.55	17.91	22.750	
3,600.00	3,559.26	3,550.51	3,486.83	8.94	9.84	-70.40	371.31	602.72	419.09	400.68	18.41	22.768	
3,700.00	3,657.60	3,649.65	3,583.79	9.19	10.08	-71.20	383.60	619.33	430.80	411.88	18.92	22.774	
3,800.00	3,755.94	3,748.79	3,680.75	9.45	10.34	-71.95	395.89	635.94	442.58	423.15	19.44	22.770	
3,900.00	3,854.27	3,847.93	3,777.72	9.72	10.60	-72.66	408.18	652.55	454.44	434.47	19.97	22.757	
4,000.00	3,952.61	3,947.07	3,874.68	9.99	10.86	-73.33	420.47	669.16	466.36	445.85	20.51	22.736	
4,100.00	4,050.95	4,046.21	3,971.64	10.26	11.13	-73.98	432.76	685.77	478.35	457.29	21.06	22.710	
4,200.00	4,149.29	4,145.35	4,068.60	10.54	11.41	-74.59	445.05	702.38	490.39	468.77	21.62	22.678	
4,300.00	4,247.63	4,244.49	4,165.57	10.82	11.69	-75.17	457.34	718.99	502.48	480.29	22.19	22.642	
4,400.00	4,345.97	4,343.63	4,262.53	11.11	11.97	-75.72	469.63	735.60	514.62	491.86	22.77	22.602	
4,500.00	4,444.30	4,442.77	4,359.49	11.40	12.26	-76.25	481.93	752.21	526.81	503.46	23.35	22.560	
4,600.00	4,542.64	4,541.91	4,456.45	11.69	12.55	-76.75	494.22	768.82	539.04	515.10	23.94	22.516	
4,700.00	4,640.98	4,641.05	4,553.42	11.99	12.85	-77.24	506.51	785.43	551.31	526.78	24.53	22.470	
4,800.00	4,739.32	4,740.19	4,650.38	12.29	13.14	-77.70	518.80	802.04	563.62	538.48	25.14	22.423	
4,900.00	4,837.66	4,839.33	4,747.34	12.59	13.44	-78.14	531.09	818.65	575.96	550.22	25.74	22.376	
5,000.00	4,936.00	4,938.47	4,844.30	12.89	13.75	-78.56	543.38	835.26	588.33	561.98	26.35	22.327	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,037.61	4,941.27	13.20	14.05	-78.97	555.67	851.87	600.73	573.77	26.96	22.279	
5,200.00	5,132.67	5,136.75	5,038.23	13.51	14.36	-79.36	567.96	868.48	613.16	585.58	27.58	22.230	
5,300.00	5,231.01	5,235.89	5,135.19	13.82	14.67	-79.73	580.25	885.09	625.62	597.42	28.20	22.181	
5,400.00	5,329.35	5,335.03	5,232.15	14.13	14.98	-80.09	592.54	901.70	638.10	609.27	28.83	22.133	
5,500.00	5,427.69	5,434.17	5,329.12	14.44	15.30	-80.43	604.84	918.31	650.61	621.15	29.46	22.085	
5,600.00	5,526.02	5,533.31	5,426.08	14.76	15.61	-80.77	617.13	934.92	663.14	633.05	30.09	22.038	
5,700.00	5,624.36	5,632.45	5,523.04	15.08	15.93	-81.09	629.42	951.53	675.69	644.96	30.73	21.991	
5,800.00	5,722.70	5,731.59	5,620.00	15.39	16.25	-81.39	641.71	968.15	688.26	656.90	31.36	21.944	
5,900.00	5,821.04	5,830.73	5,716.97	15.71	16.57	-81.69	654.00	984.76	700.85	668.85	32.00	21.899	
6,000.00	5,919.38	5,929.87	5,813.93	16.03	16.90	-81.98	666.29	1,001.37	713.46	680.81	32.65	21.854	
6,100.00	6,017.72	6,029.01	5,910.89	16.35	17.22	-82.25	678.58	1,017.98	726.08	692.79	33.29	21.810	
6,200.00	6,116.05	6,128.15	6,007.86	16.68	17.54	-82.52	690.87	1,034.59	738.72	704.78	33.94	21.766	
6,300.00	6,214.39	6,227.29	6,104.82	17.00	17.87	-82.78	703.16	1,051.20	751.38	716.79	34.59	21.724	
6,400.00	6,312.73	6,326.43	6,201.78	17.33	18.20	-83.03	715.45	1,067.81	764.05	728.81	35.24	21.682	
6,500.00	6,411.07	6,425.57	6,298.74	17.65	18.53	-83.27	727.75	1,084.42	776.73	740.84	35.89	21.641	
6,600.00	6,509.41	6,528.88	6,399.88	17.98	18.86	-83.56	740.57	1,101.08	789.37	752.81	36.55	21.595	
6,700.00	6,608.03	6,642.44	6,512.32	18.27	19.10	-86.43	754.92	1,104.91	800.90	763.76	37.14	21.565	
6,800.00	6,707.89	6,752.24	6,619.99	18.44	19.25	99.90	768.79	1,089.42	812.57	775.08	37.50	21.670	
6,900.00	6,806.95	6,858.55	6,720.23	18.53	19.33	92.91	781.82	1,056.89	824.47	786.76	37.71	21.863	
7,000.00	6,902.79	6,961.57	6,810.93	18.56	19.34	89.84	793.72	1,009.76	836.35	798.54	37.81	22.120	
7,100.00	6,993.03	7,061.55	6,890.63	18.55	19.31	87.24	804.29	950.49	847.92	810.08	37.84	22.409	
7,200.00	7,075.46	7,158.78	6,958.38	18.51	19.27	84.91	813.40	881.48	858.88	821.03	37.85	22.692	
7,300.00	7,148.05	7,253.57	7,013.65	18.49	19.24	82.81	820.97	804.95	868.91	831.00	37.90	22.926	
7,400.00	7,209.00	7,346.20	7,056.19	18.51	19.24	80.97	826.93	722.98	877.70	839.65	38.05	23.066	
7,500.00	7,256.83	7,436.95	7,086.00	18.59	19.30	79.38	831.30	637.46	884.99	846.65	38.35	23.078	
7,600.00	7,290.34	7,526.06	7,103.25	18.76	19.46	78.08	834.07	550.16	890.54	851.73	38.81	22.944	
7,700.00	7,308.73	7,613.77	7,108.26	19.02	19.73	77.06	835.28	462.67	894.14	854.69	39.45	22.666	
7,800.00	7,311.63	7,711.75	7,105.39	19.37	20.18	76.61	835.54	364.73	895.13	854.82	40.32	22.203	
7,900.00	7,308.36	7,811.75	7,102.34	19.85	20.79	76.62	835.80	264.78	894.70	853.27	41.43	21.595	
8,000.00	7,305.09	7,911.75	7,099.29	20.46	21.53	76.63	836.05	164.82	894.27	851.49	42.77	20.907	
8,100.00	7,301.83	8,011.75	7,096.24	21.18	22.37	76.64	836.31	64.87	893.84	849.51	44.32	20.167	
8,200.00	7,298.56	8,111.75	7,093.19	22.01	23.29	76.65	836.57	-35.08	893.40	847.35	46.06	19.398	
8,300.00	7,295.30	8,211.75	7,090.14	22.93	24.30	76.65	836.82	-135.03	892.97	845.02	47.96	18.621	
8,400.00	7,292.03	8,311.74	7,087.09	23.93	25.38	76.66	837.08	-234.98	892.54	842.54	50.00	17.850	
8,500.00	7,288.76	8,411.74	7,084.04	25.01	26.51	76.67	837.33	-334.94	892.11	839.93	52.18	17.098	
8,600.00	7,285.50	8,511.74	7,080.99	26.14	27.70	76.68	837.59	-434.89	891.68	837.21	54.47	16.371	
8,700.00	7,282.23	8,611.74	7,077.94	27.34	28.93	76.68	837.85	-534.84	891.24	834.39	56.85	15.676	
8,800.00	7,278.96	8,711.74	7,074.89	28.58	30.21	76.69	838.10	-634.79	890.81	831.48	59.33	15.015	
8,900.00	7,275.70	8,811.74	7,071.84	29.86	31.52	76.70	838.36	-734.75	890.38	828.50	61.88	14.389	
9,000.00	7,272.43	8,911.74	7,068.79	31.18	32.86	76.71	838.62	-834.70	889.95	825.45	64.50	13.798	
9,100.00	7,269.17	9,011.74	7,065.74	32.54	34.23	76.71	838.87	-934.65	889.52	822.34	67.18	13.241	
9,200.00	7,265.90	9,111.74	7,062.69	33.92	35.62	76.72	839.13	-1,034.60	889.08	819.17	69.91	12.717	
9,300.00	7,262.63	9,211.74	7,059.64	35.33	37.04	76.73	839.38	-1,134.55	888.65	815.96	72.69	12.225	
9,400.00	7,259.37	9,311.73	7,056.59	36.76	38.48	76.74	839.64	-1,234.51	888.22	812.71	75.51	11.763	
9,500.00	7,256.10	9,411.73	7,053.54	38.21	39.94	76.75	839.90	-1,334.46	887.79	809.42	78.37	11.329	
9,600.00	7,252.84	9,511.73	7,050.49	39.67	41.41	76.75	840.15	-1,434.41	887.36	806.10	81.26	10.921	
9,700.00	7,249.57	9,611.73	7,047.44	41.16	42.89	76.76	840.41	-1,534.36	886.93	802.75	84.18	10.537	
9,800.00	7,246.30	9,711.73	7,044.39	42.65	44.39	76.77	840.66	-1,634.31	886.49	799.37	87.12	10.175	
9,900.00	7,243.04	9,811.73	7,041.34	44.16	45.90	76.78	840.92	-1,734.27	886.06	795.97	90.09	9.835	
10,000.00	7,239.77	9,911.73	7,038.29	45.68	47.43	76.78	841.18	-1,834.22	885.63	792.55	93.08	9.514	
10,100.00	7,236.50	10,011.73	7,035.24	47.21	48.96	76.79	841.43	-1,934.17	885.20	789.10	96.10	9.212	
10,200.00	7,233.24	10,111.73	7,032.19	48.75	50.50	76.80	841.69	-2,034.12	884.77	785.64	99.13	8.926	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,229.97	10,211.73	7,029.14	50.30	52.05	76.81	841.94	-2,134.08	884.33	782.16	102.17	8.655	
10,400.00	7,226.71	10,311.72	7,026.09	51.86	53.60	76.82	842.20	-2,234.03	883.90	778.67	105.23	8.400	
10,500.00	7,223.44	10,411.72	7,023.04	53.42	55.16	76.82	842.46	-2,333.98	883.47	775.16	108.31	8.157	
10,600.00	7,220.17	10,511.72	7,019.99	54.99	56.73	76.83	842.71	-2,433.93	883.04	771.65	111.39	7.927	
10,700.00	7,216.91	10,611.72	7,016.94	56.57	58.30	76.84	842.97	-2,533.88	882.61	768.12	114.49	7.709	
10,800.00	7,213.64	10,711.72	7,013.89	58.15	59.88	76.85	843.23	-2,633.84	882.18	764.58	117.60	7.501	
10,900.00	7,210.38	10,811.72	7,010.84	59.74	61.47	76.86	843.48	-2,733.79	881.74	761.02	120.72	7.304	
11,000.00	7,207.11	10,911.72	7,007.79	61.33	63.06	76.86	843.74	-2,833.74	881.31	757.47	123.85	7.116	
11,100.00	7,203.84	11,011.72	7,004.74	62.92	64.65	76.87	843.99	-2,933.69	880.88	753.90	126.98	6.937	
11,200.00	7,200.58	11,111.72	7,001.69	64.52	66.25	76.88	844.25	-3,033.64	880.45	750.32	130.13	6.766	
11,300.00	7,197.31	11,211.72	6,998.64	66.12	67.85	76.89	844.51	-3,133.60	880.02	746.74	133.28	6.603	
11,400.00	7,194.05	11,311.71	6,995.59	67.73	69.45	76.89	844.76	-3,233.55	879.59	743.15	136.44	6.447	
11,500.00	7,190.78	11,411.71	6,992.54	69.34	71.06	76.90	845.02	-3,333.50	879.16	739.55	139.60	6.298	
11,600.00	7,187.51	11,511.71	6,989.49	70.95	72.67	76.91	845.27	-3,433.45	878.72	735.95	142.77	6.155	
11,700.00	7,184.25	11,611.71	6,986.44	72.57	74.28	76.92	845.53	-3,533.41	878.29	732.34	145.95	6.018	
11,800.00	7,180.98	11,711.71	6,983.39	74.18	75.89	76.93	845.79	-3,633.36	877.86	728.73	149.13	5.887	
11,900.00	7,177.71	11,811.71	6,980.34	75.80	77.51	76.93	846.04	-3,733.31	877.43	725.11	152.32	5.761	
12,000.00	7,174.45	11,911.71	6,977.29	77.43	79.13	76.94	846.30	-3,833.26	877.00	721.49	155.51	5.640	
12,100.00	7,171.18	12,011.71	6,974.24	79.05	80.75	76.95	846.56	-3,933.21	876.57	717.86	158.70	5.523	
12,200.00	7,167.92	12,111.71	6,971.19	80.68	82.38	76.96	846.81	-4,033.17	876.14	714.23	161.90	5.412	
12,300.00	7,164.65	12,211.71	6,968.14	82.30	84.00	76.97	847.07	-4,133.12	875.70	710.60	165.10	5.304	
12,400.00	7,161.38	12,311.70	6,965.09	83.93	85.63	76.97	847.32	-4,233.07	875.27	706.96	168.31	5.200	
12,500.00	7,158.12	12,411.70	6,962.04	85.56	87.26	76.98	847.58	-4,333.02	874.84	703.32	171.52	5.101	
12,600.00	7,154.85	12,511.70	6,958.99	87.20	88.89	76.99	847.84	-4,432.97	874.41	699.68	174.73	5.004	
12,700.00	7,151.59	12,611.70	6,955.94	88.83	90.52	77.00	848.09	-4,532.93	873.98	696.03	177.95	4.911	
12,800.00	7,148.32	12,711.70	6,952.89	90.47	92.16	77.01	848.35	-4,632.88	873.55	692.38	181.17	4.822	
12,900.00	7,145.05	12,811.70	6,949.84	92.11	93.79	77.01	848.60	-4,732.83	873.12	688.73	184.39	4.735	
13,000.00	7,141.79	12,911.70	6,946.79	93.74	95.43	77.02	848.86	-4,832.78	872.69	685.07	187.62	4.651	
13,100.00	7,138.52	13,011.70	6,943.74	95.38	97.06	77.03	849.12	-4,932.74	872.25	681.41	190.84	4.571	
13,200.00	7,135.25	13,111.70	6,940.69	97.02	98.70	77.04	849.37	-5,032.69	871.82	677.75	194.07	4.492	
13,300.00	7,131.99	13,211.70	6,937.64	98.67	100.34	77.05	849.63	-5,132.64	871.39	674.09	197.30	4.417	
13,400.00	7,128.72	13,311.69	6,934.59	100.31	101.98	77.05	849.88	-5,232.59	870.96	670.42	200.54	4.343	
13,500.00	7,125.46	13,411.69	6,931.54	101.95	103.63	77.06	850.14	-5,332.54	870.53	666.76	203.77	4.272	
13,600.00	7,122.19	13,511.69	6,928.49	103.60	105.27	77.07	850.40	-5,432.50	870.10	663.09	207.01	4.203	
13,700.00	7,118.92	13,611.69	6,925.44	105.24	106.91	77.08	850.65	-5,532.45	869.67	659.42	210.25	4.136	
13,800.00	7,115.66	13,711.69	6,922.39	106.89	108.56	77.09	850.91	-5,632.40	869.24	655.74	213.49	4.072	
13,900.00	7,112.39	13,811.69	6,919.34	108.54	110.20	77.10	851.17	-5,732.35	868.81	652.07	216.74	4.009	
14,000.00	7,109.13	13,911.69	6,916.29	110.18	111.85	77.10	851.42	-5,832.30	868.37	648.39	219.98	3.948	
14,100.00	7,105.86	14,011.69	6,913.24	111.83	113.49	77.11	851.68	-5,932.26	867.94	644.72	223.23	3.888	
14,200.00	7,102.59	14,111.69	6,910.19	113.48	115.14	77.12	851.93	-6,032.21	867.51	641.04	226.48	3.830	
14,300.00	7,099.33	14,211.69	6,907.14	115.13	116.79	77.13	852.19	-6,132.16	867.08	637.36	229.72	3.774	
14,400.00	7,096.06	14,311.68	6,904.09	116.78	118.44	77.14	852.45	-6,232.11	866.65	633.67	232.98	3.720	
14,500.00	7,092.79	14,411.68	6,901.04	118.43	120.09	77.14	852.70	-6,332.07	866.22	629.99	236.23	3.667	
14,600.00	7,089.53	14,511.68	6,897.99	120.09	121.74	77.15	852.96	-6,432.02	865.79	626.31	239.48	3.615	
14,700.00	7,086.26	14,611.68	6,894.94	121.74	123.39	77.16	853.21	-6,531.97	865.36	622.62	242.74	3.565	
14,800.00	7,083.00	14,711.68	6,891.89	123.39	125.04	77.17	853.47	-6,631.92	864.93	618.93	245.99	3.516	
14,900.00	7,079.73	14,811.68	6,888.84	125.05	126.69	77.18	853.73	-6,731.87	864.50	615.24	249.25	3.468	
15,000.00	7,076.46	14,911.68	6,885.79	126.70	128.35	77.18	853.98	-6,831.83	864.06	611.55	252.51	3.422	
15,100.00	7,073.20	15,011.68	6,882.74	128.35	130.00	77.19	854.24	-6,931.78	863.63	607.86	255.77	3.377	
15,200.00	7,069.93	15,111.68	6,879.69	130.01	131.65	77.20	854.50	-7,031.73	863.20	604.17	259.03	3.332	
15,300.00	7,066.67	15,211.68	6,876.64	131.66	133.31	77.21	854.75	-7,131.68	862.77	600.48	262.29	3.289	
15,400.00	7,063.40	15,311.67	6,873.59	133.32	134.96	77.22	855.01	-7,231.63	862.34	596.79	265.56	3.247	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,060.13	15,411.67	6,870.54	134.98	136.62	77.23	855.26	-7,331.59	861.91	593.09	268.82	3.206	
15,600.00	7,056.87	15,511.67	6,867.49	136.63	138.27	77.23	855.52	-7,431.54	861.48	589.40	272.08	3.166	
15,634.69	7,055.73	15,546.36	6,866.43	137.21	138.84	77.24	855.61	-7,466.21	861.33	588.12	273.22	3.153 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	1.00	3.28	3.28	90.52	-1.09	119.99	120.00				
100.00	100.00	101.00	101.00	3.28	3.28	90.52	-1.09	119.99	120.00	112.47	7.53	15.938	
200.00	200.00	201.00	201.00	3.31	3.31	90.52	-1.09	119.99	120.00	112.43	7.57	15.843	
202.05	202.05	203.05	203.05	3.31	3.31	90.52	-1.09	119.99	120.00	112.42	7.58	15.840 CC, ES	
300.00	300.00	299.48	299.48	3.35	3.35	90.38	-0.80	120.31	120.32	112.66	7.66	15.702	
400.00	400.00	396.38	396.32	3.42	3.41	89.33	1.44	122.75	122.85	115.06	7.79	15.772	
500.00	500.00	492.95	492.66	3.50	3.50	87.37	5.86	127.59	128.00	120.05	7.95	16.095	
600.00	600.00	588.97	588.18	3.61	3.61	84.73	12.43	134.77	135.95	127.80	8.15	16.680	
700.00	700.00	684.23	682.57	3.73	3.74	81.68	21.08	144.23	146.92	138.54	8.38	17.533	
800.00	800.00	778.53	775.54	3.87	3.90	78.49	31.73	155.87	161.09	152.45	8.64	18.648	
900.00	899.98	871.93	867.06	4.02	4.09	-16.70	44.30	169.61	176.91	168.01	8.91	19.864	
1,000.00	999.84	968.68	961.37	4.17	4.33	-20.07	58.86	185.53	192.18	182.96	9.22	20.854	
1,100.00	1,099.45	1,067.15	1,057.34	4.33	4.60	-23.36	73.75	201.81	204.99	195.42	9.57	21.424	
1,200.00	1,198.70	1,165.83	1,153.51	4.52	4.89	-26.67	88.68	218.13	215.34	205.39	9.95	21.634	
1,300.00	1,297.47	1,264.58	1,249.75	4.73	5.20	-30.09	103.61	234.46	223.37	212.99	10.37	21.533	
1,400.00	1,395.82	1,363.33	1,345.98	4.97	5.53	-33.66	118.55	250.78	230.14	219.31	10.83	21.255	
1,500.00	1,494.16	1,462.07	1,442.21	5.23	5.87	-37.04	133.49	267.11	237.69	226.38	11.31	21.011	
1,600.00	1,592.50	1,560.81	1,538.44	5.51	6.23	-40.21	148.42	283.44	246.04	234.20	11.83	20.793	
1,700.00	1,690.83	1,659.55	1,634.67	5.79	6.59	-43.16	163.36	299.77	255.09	242.71	12.38	20.604	
1,800.00	1,789.17	1,758.29	1,730.90	6.10	6.96	-45.91	178.29	316.09	264.78	251.82	12.95	20.439	
1,900.00	1,887.51	1,857.03	1,827.13	6.26	7.24	-48.46	193.23	332.42	275.03	262.09	12.95	21.246	
2,000.00	1,985.85	1,955.77	1,923.36	6.30	7.36	-50.82	208.16	348.75	285.80	272.72	13.08	21.853	
2,100.00	2,084.19	2,054.52	2,019.59	6.35	7.42	-53.02	223.10	365.08	297.01	283.82	13.19	22.522	
2,200.00	2,182.53	2,153.26	2,115.82	6.43	7.50	-55.05	238.03	381.40	308.63	295.30	13.33	23.145	
2,300.00	2,280.86	2,252.00	2,212.05	6.52	7.60	-56.93	252.97	397.73	320.61	307.09	13.52	23.716	
2,400.00	2,379.20	2,350.74	2,308.28	6.63	7.71	-58.68	267.90	414.06	332.91	319.17	13.74	24.233	
2,500.00	2,477.54	2,449.48	2,404.51	6.75	7.84	-60.31	282.84	430.39	345.49	331.50	13.99	24.696	
2,600.00	2,575.88	2,548.22	2,500.74	6.89	7.98	-61.81	297.77	446.71	358.34	344.06	14.27	25.104	
2,700.00	2,674.22	2,646.96	2,596.97	7.05	8.14	-63.22	312.71	463.04	371.41	356.82	14.59	25.461	
2,800.00	2,772.55	2,745.71	2,693.20	7.21	8.31	-64.53	327.64	479.37	384.68	369.76	14.93	25.770	
2,900.00	2,870.89	2,844.45	2,789.43	7.39	8.49	-65.75	342.58	495.70	398.15	382.85	15.29	26.033	
3,000.00	2,969.23	2,943.19	2,885.66	7.59	8.69	-66.89	357.51	512.02	411.78	396.09	15.68	26.254	
3,100.00	3,067.57	3,041.93	2,981.89	7.79	8.89	-67.96	372.45	528.35	425.56	409.46	16.10	26.439	
3,200.00	3,165.91	3,140.67	3,078.12	8.00	9.11	-68.96	387.39	544.68	439.48	422.95	16.53	26.590	
3,300.00	3,264.25	3,239.41	3,174.35	8.22	9.33	-69.90	402.32	561.01	453.52	436.54	16.98	26.711	
3,400.00	3,362.58	3,338.15	3,270.58	8.46	9.56	-70.79	417.26	577.33	467.68	450.23	17.45	26.806	
3,500.00	3,460.92	3,436.90	3,366.81	8.69	9.80	-71.62	432.19	593.66	481.94	464.01	17.93	26.878	
3,600.00	3,559.26	3,535.64	3,463.04	8.94	10.05	-72.41	447.13	609.99	496.29	477.86	18.43	26.931	
3,700.00	3,657.60	3,634.38	3,559.27	9.19	10.31	-73.15	462.06	626.32	510.73	491.79	18.94	26.966	
3,800.00	3,755.94	3,733.12	3,655.50	9.45	10.57	-73.85	477.00	642.64	525.25	505.79	19.46	26.987	
3,900.00	3,854.27	3,831.86	3,751.73	9.72	10.84	-74.51	491.93	658.97	539.84	519.84	20.00	26.995	
4,000.00	3,952.61	3,930.60	3,847.96	9.99	11.11	-75.13	506.87	675.30	554.50	533.96	20.54	26.992	
4,100.00	4,050.95	4,029.34	3,944.19	10.26	11.39	-75.73	521.80	691.63	569.22	548.12	21.10	26.981	
4,200.00	4,149.29	4,128.09	4,040.42	10.54	11.68	-76.30	536.74	707.95	584.00	562.34	21.66	26.961	
4,300.00	4,247.63	4,226.83	4,136.65	10.82	11.96	-76.83	551.67	724.28	598.83	576.60	22.23	26.935	
4,400.00	4,345.97	4,325.57	4,232.88	11.11	12.26	-77.34	566.61	740.61	613.71	590.90	22.81	26.904	
4,500.00	4,444.30	4,424.31	4,329.11	11.40	12.55	-77.83	581.54	756.94	628.64	605.24	23.40	26.868	
4,600.00	4,542.64	4,523.05	4,425.34	11.69	12.85	-78.30	596.48	773.26	643.61	619.62	23.99	26.829	
4,700.00	4,640.98	4,621.79	4,521.57	11.99	13.16	-78.74	611.41	789.59	658.61	634.03	24.59	26.787	
4,800.00	4,739.32	4,720.53	4,617.80	12.29	13.46	-79.16	626.35	805.92	673.66	648.47	25.19	26.742	
4,900.00	4,837.66	4,819.28	4,714.03	12.59	13.77	-79.57	641.29	822.25	688.74	662.94	25.80	26.695	
5,000.00	4,936.00	4,918.02	4,810.26	12.89	14.08	-79.96	656.22	838.57	703.85	677.44	26.41	26.647	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,034.33	5,016.76	4,906.49	13.20	14.40	-80.33	671.16	854.90	718.99	691.96	27.03	26.598		
5,200.00	5,132.67	5,115.50	5,002.72	13.51	14.72	-80.68	686.09	871.23	734.16	706.51	27.65	26.549		
5,300.00	5,231.01	5,214.24	5,098.95	13.82	15.03	-81.03	701.03	887.56	749.36	721.08	28.28	26.498		
5,400.00	5,329.35	5,312.98	5,195.18	14.13	15.36	-81.35	715.96	903.88	764.58	735.67	28.91	26.448		
5,500.00	5,427.69	5,411.72	5,291.41	14.44	15.68	-81.67	730.90	920.21	779.83	750.29	29.54	26.397		
5,600.00	5,526.02	5,510.47	5,387.64	14.76	16.00	-81.97	745.83	936.54	795.10	764.92	30.18	26.347		
5,700.00	5,624.36	5,609.21	5,483.87	15.08	16.33	-82.27	760.77	952.86	810.39	779.57	30.82	26.297		
5,800.00	5,722.70	5,707.95	5,580.10	15.39	16.66	-82.55	775.70	969.19	825.70	794.24	31.46	26.247		
5,900.00	5,821.04	5,806.69	5,676.33	15.71	16.99	-82.82	790.64	985.52	841.02	808.92	32.10	26.197		
6,000.00	5,919.38	5,905.43	5,772.56	16.03	17.32	-83.08	805.57	1,001.85	856.37	823.62	32.75	26.148		
6,100.00	6,017.72	6,004.17	5,868.79	16.35	17.65	-83.33	820.51	1,018.17	871.73	838.33	33.40	26.100		
6,200.00	6,116.05	6,102.91	5,965.02	16.68	17.99	-83.57	835.44	1,034.50	887.11	853.06	34.05	26.052		
6,300.00	6,214.39	6,201.66	6,061.25	17.00	18.32	-83.81	850.38	1,050.83	902.50	867.80	34.70	26.005		
6,400.00	6,312.73	6,300.40	6,157.48	17.33	18.66	-84.04	865.32	1,067.16	917.91	882.55	35.36	25.959		
6,500.00	6,411.07	6,400.86	6,253.71	17.65	19.00	-84.26	880.25	1,083.48	933.33	897.31	36.02	25.909		
6,600.00	6,509.41	6,502.12	6,349.94	17.98	19.35	-84.47	895.19	1,099.81	948.77	912.08	36.69	25.859		
6,700.00	6,608.03	6,596.60	6,446.15	18.27	19.68	-84.64	910.12	1,116.14	964.43	927.13	37.30	25.854		
6,800.00	6,707.89	6,710.31	6,558.00	18.44	19.96	101.11	927.62	1,124.97	980.82	943.07	37.75	25.982		
6,900.00	6,806.95	6,824.97	6,670.51	18.53	20.16	95.22	945.51	1,113.37	997.03	958.97	38.06	26.199		
7,000.00	6,902.79	6,940.09	6,779.51	18.56	20.27	93.12	963.14	1,081.39	1,012.65	974.41	38.24	26.482		
7,100.00	6,993.03	7,055.22	6,881.03	18.55	20.31	91.36	979.86	1,030.06	1,027.29	988.96	38.33	26.800		
7,200.00	7,075.46	7,169.90	6,971.40	18.51	20.29	89.70	995.06	961.37	1,040.61	1,002.22	38.39	27.109		
7,300.00	7,148.05	7,283.67	7,047.56	18.49	20.23	88.13	1,008.23	878.11	1,052.30	1,013.83	38.47	27.355		
7,400.00	7,209.00	7,396.07	7,107.24	18.51	20.16	86.65	1,018.96	783.64	1,062.11	1,023.46	38.65	27.482		
7,500.00	7,256.83	7,506.71	7,149.05	18.59	20.12	85.30	1,026.99	681.66	1,069.84	1,030.86	38.98	27.444		
7,600.00	7,290.34	7,615.29	7,172.53	18.76	20.17	84.10	1,032.17	575.91	1,075.34	1,035.84	39.50	27.222		
7,700.00	7,308.73	7,721.57	7,178.00	19.02	20.41	83.07	1,034.52	469.92	1,078.53	1,038.33	40.20	26.828		
7,800.00	7,311.63	7,821.30	7,174.91	19.37	20.86	82.66	1,035.43	370.24	1,079.57	1,038.49	41.08	26.277		
7,900.00	7,308.36	7,921.30	7,171.82	19.85	21.48	82.67	1,036.35	270.30	1,079.82	1,037.62	42.19	25.591		
8,000.00	7,305.09	8,021.30	7,168.73	20.46	22.23	82.68	1,037.26	170.35	1,080.06	1,036.52	43.54	24.809		
8,100.00	7,301.83	8,121.30	7,165.64	21.18	23.08	82.70	1,038.18	70.40	1,080.30	1,035.22	45.09	23.961		
8,200.00	7,298.56	8,221.30	7,162.54	22.01	24.02	82.71	1,039.10	-29.55	1,080.54	1,033.72	46.82	23.077		
8,300.00	7,295.30	8,321.30	7,159.45	22.93	25.03	82.72	1,040.01	-129.49	1,080.79	1,032.06	48.73	22.178		
8,400.00	7,292.03	8,421.30	7,156.36	23.93	26.10	82.73	1,040.93	-229.44	1,081.03	1,030.24	50.79	21.285		
8,500.00	7,288.76	8,521.30	7,153.27	25.01	27.23	82.74	1,041.84	-329.39	1,081.27	1,028.30	52.98	20.411		
8,600.00	7,285.50	8,621.30	7,150.17	26.14	28.41	82.75	1,042.76	-429.33	1,081.52	1,026.24	55.28	19.564		
8,700.00	7,282.23	8,721.29	7,147.08	27.34	29.64	82.76	1,043.67	-529.28	1,081.76	1,024.07	57.69	18.753		
8,800.00	7,278.96	8,821.29	7,143.99	28.58	30.91	82.77	1,044.59	-629.23	1,082.00	1,021.82	60.18	17.979		
8,900.00	7,275.70	8,921.29	7,140.90	29.86	32.21	82.78	1,045.51	-729.18	1,082.25	1,019.49	62.75	17.246		
9,000.00	7,272.43	9,021.29	7,137.80	31.18	33.54	82.79	1,046.42	-829.12	1,082.49	1,017.09	65.40	16.553		
9,100.00	7,269.17	9,121.29	7,134.71	32.54	34.90	82.80	1,047.34	-929.07	1,082.73	1,014.63	68.10	15.899		
9,200.00	7,265.90	9,221.29	7,131.62	33.92	36.29	82.82	1,048.25	-1,029.02	1,082.97	1,012.12	70.86	15.284		
9,300.00	7,262.63	9,321.29	7,128.53	35.33	37.70	82.83	1,049.17	-1,128.97	1,083.22	1,009.55	73.66	14.705		
9,400.00	7,259.37	9,421.29	7,125.43	36.76	39.13	82.84	1,050.09	-1,228.91	1,083.46	1,006.95	76.51	14.161		
9,500.00	7,256.10	9,521.29	7,122.34	38.21	40.57	82.85	1,051.00	-1,328.86	1,083.70	1,004.31	79.40	13.649		
9,600.00	7,252.84	9,621.29	7,119.25	39.67	42.04	82.86	1,051.92	-1,428.81	1,083.95	1,001.63	82.32	13.168		
9,700.00	7,249.57	9,721.29	7,116.16	41.16	43.51	82.87	1,052.83	-1,528.76	1,084.19	998.92	85.27	12.715		
9,800.00	7,246.30	9,821.29	7,113.07	42.65	45.01	82.88	1,053.75	-1,628.70	1,084.43	996.19	88.25	12.289		
9,900.00	7,243.04	9,921.29	7,109.97	44.16	46.51	82.89	1,054.66	-1,728.65	1,084.68	993.43	91.25	11.887		
10,000.00	7,239.77	10,021.29	7,106.88	45.68	48.02	82.90	1,055.58	-1,828.60	1,084.92	990.65	94.27	11.508		
10,100.00	7,236.50	10,121.29	7,103.79	47.21	49.55	82.91	1,056.50	-1,928.55	1,085.16	987.85	97.32	11.151		
10,200.00	7,233.24	10,221.29	7,100.70	48.75	51.08	82.92	1,057.41	-2,028.49	1,085.41	985.03	100.38	10.813		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,229.97	10,321.29	7,097.60	50.30	52.62	82.94	1,058.33	-2,128.44	1,085.65	982.19	103.46	10.493		
10,400.00	7,226.71	10,421.29	7,094.51	51.86	54.17	82.95	1,059.24	-2,228.39	1,085.90	979.34	106.56	10.191		
10,500.00	7,223.44	10,521.29	7,091.42	53.42	55.73	82.96	1,060.16	-2,328.34	1,086.14	976.47	109.67	9.904		
10,600.00	7,220.17	10,621.28	7,088.33	54.99	57.29	82.97	1,061.08	-2,428.28	1,086.38	973.59	112.79	9.632		
10,700.00	7,216.91	10,721.28	7,085.23	56.57	58.86	82.98	1,061.99	-2,528.23	1,086.63	970.70	115.92	9.374		
10,800.00	7,213.64	10,821.28	7,082.14	58.15	60.43	82.99	1,062.91	-2,628.18	1,086.87	967.80	119.07	9.128		
10,900.00	7,210.38	10,921.28	7,079.05	59.74	62.01	83.00	1,063.82	-2,728.13	1,087.11	964.89	122.22	8.894		
11,000.00	7,207.11	11,021.28	7,075.96	61.33	63.59	83.01	1,064.74	-2,828.07	1,087.36	961.97	125.39	8.672		
11,100.00	7,203.84	11,121.28	7,072.86	62.92	65.18	83.02	1,065.65	-2,928.02	1,087.60	959.04	128.56	8.460		
11,200.00	7,200.58	11,221.28	7,069.77	64.52	66.77	83.03	1,066.57	-3,027.97	1,087.85	956.10	131.74	8.257		
11,300.00	7,197.31	11,321.28	7,066.68	66.12	68.37	83.04	1,067.49	-3,127.92	1,088.09	953.16	134.93	8.064		
11,400.00	7,194.05	11,421.28	7,063.59	67.73	69.97	83.05	1,068.40	-3,227.86	1,088.33	950.21	138.13	7.879		
11,500.00	7,190.78	11,521.28	7,060.50	69.34	71.57	83.06	1,069.32	-3,327.81	1,088.58	947.25	141.33	7.702		
11,600.00	7,187.51	11,621.28	7,057.40	70.95	73.18	83.08	1,070.23	-3,427.76	1,088.82	944.29	144.54	7.533		
11,700.00	7,184.25	11,721.28	7,054.31	72.57	74.79	83.09	1,071.15	-3,527.71	1,089.07	941.32	147.75	7.371		
11,800.00	7,180.98	11,821.28	7,051.22	74.18	76.40	83.10	1,072.07	-3,627.65	1,089.31	938.34	150.97	7.215		
11,900.00	7,177.71	11,921.28	7,048.13	75.80	78.01	83.11	1,072.98	-3,727.60	1,089.55	935.36	154.19	7.066		
12,000.00	7,174.45	12,021.28	7,045.03	77.43	79.63	83.12	1,073.90	-3,827.55	1,089.80	932.38	157.42	6.923		
12,100.00	7,171.18	12,121.28	7,041.94	79.05	81.25	83.13	1,074.81	-3,927.50	1,090.04	929.39	160.65	6.785		
12,200.00	7,167.92	12,221.28	7,038.85	80.68	82.87	83.14	1,075.73	-4,027.44	1,090.29	926.40	163.89	6.653		
12,300.00	7,164.65	12,321.28	7,035.76	82.30	84.49	83.15	1,076.64	-4,127.39	1,090.53	923.40	167.13	6.525		
12,400.00	7,161.38	12,421.28	7,032.66	83.93	86.12	83.16	1,077.56	-4,227.34	1,090.78	920.40	170.38	6.402		
12,500.00	7,158.12	12,521.28	7,029.57	85.56	87.74	83.17	1,078.48	-4,327.29	1,091.02	917.40	173.62	6.284		
12,600.00	7,154.85	12,621.27	7,026.48	87.20	89.37	83.18	1,079.39	-4,427.23	1,091.26	914.39	176.87	6.170		
12,700.00	7,151.59	12,721.27	7,023.39	88.83	91.00	83.19	1,080.31	-4,527.18	1,091.51	911.38	180.13	6.060		
12,800.00	7,148.32	12,821.27	7,020.30	90.47	92.63	83.20	1,081.22	-4,627.13	1,091.75	908.37	183.39	5.953		
12,900.00	7,145.05	12,921.27	7,017.20	92.11	94.27	83.22	1,082.14	-4,727.08	1,092.00	905.35	186.65	5.851		
13,000.00	7,141.79	13,021.27	7,014.11	93.74	95.90	83.23	1,083.06	-4,827.02	1,092.24	902.34	189.91	5.751		
13,100.00	7,138.52	13,121.27	7,011.02	95.38	97.54	83.24	1,083.97	-4,926.97	1,092.49	899.31	193.17	5.655		
13,200.00	7,135.25	13,221.27	7,007.93	97.02	99.17	83.25	1,084.89	-5,026.92	1,092.73	896.29	196.44	5.563		
13,300.00	7,131.99	13,321.27	7,004.83	98.67	100.81	83.26	1,085.80	-5,126.87	1,092.98	893.27	199.71	5.473		
13,400.00	7,128.72	13,421.27	7,001.74	100.31	102.45	83.27	1,086.72	-5,226.81	1,093.22	890.24	202.98	5.386		
13,500.00	7,125.46	13,521.27	6,998.65	101.95	104.09	83.28	1,087.63	-5,326.76	1,093.47	887.21	206.26	5.301		
13,600.00	7,122.19	13,621.27	6,995.56	103.60	105.73	83.29	1,088.55	-5,426.71	1,093.71	884.18	209.53	5.220		
13,700.00	7,118.92	13,721.27	6,992.46	105.24	107.37	83.30	1,089.47	-5,526.66	1,093.96	881.15	212.81	5.141		
13,800.00	7,115.66	13,821.27	6,989.37	106.89	109.02	83.31	1,090.38	-5,626.60	1,094.20	878.11	216.09	5.064		
13,900.00	7,112.39	13,921.27	6,986.28	108.54	110.66	83.32	1,091.30	-5,726.55	1,094.45	875.07	219.37	4.989		
14,000.00	7,109.13	14,021.27	6,983.19	110.18	112.30	83.33	1,092.21	-5,826.50	1,094.69	872.04	222.66	4.917		
14,100.00	7,105.86	14,121.27	6,980.09	111.83	113.95	83.34	1,093.13	-5,926.45	1,094.94	869.00	225.94	4.846		
14,200.00	7,102.59	14,221.27	6,977.00	113.48	115.60	83.35	1,094.05	-6,026.39	1,095.18	865.95	229.23	4.778		
14,300.00	7,099.33	14,321.27	6,973.91	115.13	117.24	83.36	1,094.96	-6,126.34	1,095.43	862.91	232.51	4.711		
14,400.00	7,096.06	14,421.27	6,970.82	116.78	118.89	83.38	1,095.88	-6,226.29	1,095.67	859.87	235.80	4.647		
14,500.00	7,092.79	14,521.27	6,967.73	118.43	120.54	83.39	1,096.79	-6,326.24	1,095.92	856.82	239.09	4.584		
14,600.00	7,089.53	14,621.26	6,964.63	120.09	122.19	83.40	1,097.71	-6,426.18	1,096.16	853.78	242.39	4.522		
14,700.00	7,086.26	14,721.26	6,961.54	121.74	123.84	83.41	1,098.62	-6,526.13	1,096.41	850.73	245.68	4.463		
14,800.00	7,083.00	14,821.26	6,958.45	123.39	125.49	83.42	1,099.54	-6,626.08	1,096.65	847.68	248.97	4.405		
14,900.00	7,079.73	14,921.26	6,955.36	125.05	127.14	83.43	1,100.46	-6,726.03	1,096.90	844.63	252.27	4.348		
15,000.00	7,076.46	15,021.26	6,952.26	126.70	128.79	83.44	1,101.37	-6,825.97	1,097.14	841.58	255.57	4.293		
15,100.00	7,073.20	15,121.26	6,949.17	128.35	130.44	83.45	1,102.29	-6,925.92	1,097.39	838.52	258.86	4.239		
15,200.00	7,069.93	15,221.26	6,946.08	130.01	132.10	83.46	1,103.20	-7,025.87	1,097.63	835.47	262.16	4.187		
15,300.00	7,066.67	15,321.26	6,942.99	131.66	133.75	83.47	1,104.12	-7,125.82	1,097.88	832.42	265.46	4.136		
15,400.00	7,063.40	15,421.26	6,939.89	133.32	135.40	83.48	1,105.04	-7,225.76	1,098.13	829.36	268.76	4.086		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,060.13	15,521.26	6,936.80	134.98	137.06	83.49	1,105.95	-7,325.71	1,098.37	826.31	272.07	4.037	
15,600.00	7,056.87	15,621.26	6,933.71	136.63	138.71	83.50	1,106.87	-7,425.66	1,098.62	823.25	275.37	3.990	
15,634.69	7,055.73	15,655.95	6,932.64	137.21	139.28	83.51	1,107.19	-7,460.33	1,098.70	822.19	276.51	3.973 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-90.00	0.00	-19.77	19.77				
100.00	100.00	100.00	100.00	3.28	3.28	-90.00	0.00	-19.77	19.77	12.24	7.53	2.626	
200.00	200.00	200.00	200.00	3.31	3.31	-90.00	0.00	-19.77	19.77	12.19	7.57	2.610	
300.00	300.00	300.03	300.02	3.35	3.35	-95.00	-1.73	-19.75	19.82	12.17	7.66	2.589	
400.00	400.00	400.64	400.55	3.42	3.41	-104.81	-4.66	-17.64	18.26	10.47	7.78	2.345	
500.00	500.00	501.00	500.71	3.50	3.49	-120.94	-7.22	-12.04	14.06	6.11	7.95	1.768	
600.00	600.00	600.86	600.14	3.61	3.61	-162.22	-9.39	-3.01	9.86	1.69	8.17	1.207	Level 2
612.28	612.28	613.08	612.28	3.62	3.62	-170.17	-9.63	-1.67	9.77	1.57	8.20	1.191	Level 2, CC
700.00	700.00	699.99	698.48	3.73	3.74	140.05	-11.17	9.36	14.66	6.27	8.39	1.747	
800.00	800.00	798.24	795.46	3.87	3.91	116.76	-12.58	24.94	28.30	19.66	8.63	3.278	
900.00	899.98	897.01	892.74	4.02	4.11	16.79	-13.83	42.01	43.17	34.24	8.92	4.837	
1,000.00	999.84	1,003.74	990.49	4.17	4.35	13.75	-15.09	59.16	55.06	45.81	9.25	5.950	
1,100.00	1,099.45	1,104.12	1,088.60	4.33	4.61	12.44	-16.35	76.38	63.65	54.05	9.60	6.627	
1,200.00	1,198.70	1,204.27	1,186.94	4.52	4.87	12.03	-17.62	93.64	68.86	58.88	9.98	6.897	
1,300.00	1,297.47	1,304.29	1,285.41	4.73	5.16	12.26	-18.89	110.92	70.66	60.27	10.39	6.799	
1,400.00	1,395.82	1,404.29	1,383.89	4.97	5.46	12.93	-20.16	128.20	70.07	59.24	10.83	6.472	
1,500.00	1,494.16	1,504.30	1,482.37	5.23	5.76	13.62	-21.43	145.49	69.39	58.11	11.28	6.151	
1,600.00	1,592.50	1,595.70	1,580.85	5.51	6.05	14.32	-22.70	162.77	68.73	57.00	11.73	5.858	
1,700.00	1,690.83	1,695.69	1,679.33	5.79	6.38	15.04	-23.97	180.05	68.08	55.85	12.22	5.569	
1,800.00	1,789.17	1,804.32	1,777.81	6.10	6.73	15.78	-25.24	197.34	67.43	54.69	12.75	5.290	
1,900.00	1,887.51	1,904.32	1,876.30	6.26	6.91	16.52	-26.51	214.62	66.80	54.17	12.63	5.290	
2,000.00	1,985.85	2,004.33	1,974.78	6.30	6.95	17.29	-27.77	231.90	66.18	53.51	12.67	5.223	
2,100.00	2,084.19	2,095.67	2,073.26	6.35	7.00	18.06	-29.04	249.18	65.57	52.83	12.74	5.146	
2,200.00	2,182.53	2,204.34	2,171.74	6.43	7.08	18.85	-30.31	266.47	64.98	52.12	12.85	5.055	
2,300.00	2,280.86	2,295.65	2,270.22	6.52	7.16	19.66	-31.58	283.75	64.39	51.41	12.99	4.958	
2,400.00	2,379.20	2,404.35	2,368.70	6.63	7.27	20.48	-32.85	301.03	63.82	50.66	13.17	4.848	
2,500.00	2,477.54	2,504.36	2,467.18	6.75	7.39	21.31	-34.12	318.32	63.27	49.90	13.37	4.733	
2,600.00	2,575.88	2,595.64	2,565.66	6.89	7.51	22.16	-35.39	335.60	62.72	49.13	13.59	4.615	
2,700.00	2,674.22	2,704.37	2,664.14	7.05	7.66	23.02	-36.66	352.88	62.19	48.33	13.86	4.488	
2,800.00	2,772.55	2,804.37	2,762.63	7.21	7.82	23.90	-37.93	370.17	61.68	47.53	14.14	4.361	
2,900.00	2,870.89	2,904.38	2,861.11	7.39	7.99	24.79	-39.20	387.45	61.18	46.72	14.46	4.232	
3,000.00	2,969.23	3,004.39	2,959.59	7.59	8.17	25.70	-40.47	404.73	60.69	45.90	14.79	4.104	
3,100.00	3,067.57	3,104.39	3,058.07	7.79	8.36	26.62	-41.74	422.01	60.22	45.07	15.15	3.976	
3,200.00	3,165.91	3,195.60	3,156.55	8.00	8.54	27.55	-43.01	439.30	59.77	44.26	15.51	3.854	
3,300.00	3,264.25	3,295.60	3,255.03	8.22	8.75	28.50	-44.27	456.58	59.33	43.42	15.91	3.730	
3,400.00	3,362.58	3,404.41	3,353.51	8.46	8.99	29.47	-45.54	473.86	58.91	42.57	16.34	3.605	
3,500.00	3,460.92	3,495.58	3,451.99	8.69	9.19	30.44	-46.81	491.15	58.50	41.75	16.76	3.492	
3,600.00	3,559.26	3,604.42	3,550.47	8.94	9.44	31.43	-48.08	508.43	58.12	40.89	17.22	3.374	
3,700.00	3,657.60	3,704.43	3,648.96	9.19	9.68	32.44	-49.35	525.71	57.75	40.06	17.69	3.264	
3,800.00	3,755.94	3,804.43	3,747.44	9.45	9.92	33.45	-50.62	542.99	57.39	39.22	18.17	3.158	
3,900.00	3,854.27	3,904.44	3,845.92	9.72	10.17	34.48	-51.89	560.28	57.06	38.39	18.67	3.057	
4,000.00	3,952.61	4,004.44	3,944.40	9.99	10.43	35.52	-53.16	577.56	56.75	37.57	19.17	2.959	
4,100.00	4,050.95	4,104.45	4,042.88	10.26	10.69	36.57	-54.43	594.84	56.45	36.76	19.69	2.866	
4,200.00	4,149.29	4,204.46	4,141.36	10.54	10.95	37.63	-55.70	612.13	56.17	35.95	20.23	2.777	
4,300.00	4,247.63	4,304.46	4,239.84	10.82	11.22	38.71	-56.97	629.41	55.92	35.15	20.77	2.692	
4,400.00	4,345.97	4,404.47	4,338.32	11.11	11.50	39.79	-58.24	646.69	55.68	34.35	21.32	2.611	
4,500.00	4,444.30	4,504.47	4,436.80	11.40	11.77	40.88	-59.50	663.97	55.46	33.57	21.89	2.534	
4,600.00	4,542.64	4,604.48	4,535.29	11.69	12.05	41.98	-60.77	681.26	55.26	32.80	22.46	2.460	
4,700.00	4,640.98	4,695.51	4,633.77	11.99	12.31	43.08	-62.04	698.54	55.09	32.07	23.02	2.393	
4,800.00	4,739.32	4,795.51	4,732.25	12.29	12.60	44.20	-63.31	715.82	54.93	31.32	23.61	2.326	
4,900.00	4,837.66	4,895.50	4,830.73	12.59	12.89	45.31	-64.58	733.11	54.79	30.58	24.21	2.263	
5,000.00	4,936.00	5,004.50	4,929.21	12.89	13.20	46.44	-65.85	750.39	54.68	29.84	24.84	2.201	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,034.33	5,104.51	5,027.69	13.20	13.50	47.57	-67.12	767.67	54.59	29.13	25.46	2.144	
5,200.00	5,132.67	5,204.51	5,126.17	13.51	13.79	48.70	-68.39	784.95	54.51	28.44	26.08	2.090	
5,300.00	5,231.01	5,304.52	5,224.65	13.82	14.09	49.83	-69.66	802.24	54.46	27.76	26.71	2.039	
5,400.00	5,329.35	5,404.53	5,323.13	14.13	14.39	50.97	-70.93	819.52	54.43	27.09	27.34	1.991	
5,487.44	5,415.33	5,482.91	5,409.24	14.40	14.63	51.96	-72.04	834.63	54.43	26.55	27.88	1.952	
5,500.00	5,427.69	5,504.53	5,421.62	14.44	14.69	52.10	-72.20	836.80	54.43	26.44	27.99	1.945	
5,600.00	5,526.02	5,604.54	5,520.10	14.76	15.00	53.24	-73.47	854.09	54.44	25.81	28.63	1.901	
5,700.00	5,624.36	5,704.54	5,618.58	15.08	15.30	54.37	-74.73	871.37	54.47	25.19	29.29	1.860	
5,800.00	5,722.70	5,804.55	5,717.06	15.39	15.61	55.51	-76.00	888.65	54.53	24.59	29.94	1.821	
5,900.00	5,821.04	5,904.56	5,815.54	15.71	15.92	56.64	-77.27	905.93	54.61	24.00	30.61	1.784	
6,000.00	5,919.38	5,995.44	5,914.02	16.03	16.20	57.77	-78.54	923.22	54.71	23.46	31.25	1.751	
6,100.00	6,017.72	6,104.57	6,012.50	16.35	16.54	58.89	-79.81	940.50	54.83	22.88	31.95	1.716	
6,200.00	6,116.05	6,195.43	6,110.98	16.68	16.83	60.01	-81.08	957.78	54.97	22.37	32.59	1.686	
6,300.00	6,214.39	6,304.58	6,209.46	17.00	17.17	61.12	-82.35	975.07	55.13	21.83	33.30	1.655	
6,400.00	6,312.73	6,404.58	6,307.94	17.33	17.48	62.22	-83.62	992.35	55.31	21.33	33.98	1.628	
6,500.00	6,411.07	6,496.36	6,407.45	17.65	17.76	63.87	-84.91	1,009.23	55.29	20.62	34.67	1.595	
6,600.00	6,509.41	6,598.10	6,508.94	17.98	17.93	77.69	-86.30	1,014.44	52.07	16.13	35.93	1.449 Level 3	
6,634.16	6,543.07	6,631.68	6,542.46	18.08	17.97	85.66	-86.79	1,012.60	51.51	15.11	36.40	1.415 Level 3	
6,700.00	6,608.03	6,693.96	6,604.18	18.27	18.03	104.27	-87.72	1,004.52	54.79	18.04	36.75	1.491 Level 3	
6,800.00	6,707.89	6,785.57	6,692.83	18.44	18.07	-45.27	-89.13	981.78	69.41	33.76	35.65	1.947	
6,900.00	6,806.95	6,874.01	6,774.47	18.53	18.07	-37.08	-90.52	947.97	89.22	55.07	34.14	2.613	
7,000.00	6,902.79	6,959.82	6,848.47	18.56	18.04	-30.25	-91.87	904.67	110.03	77.27	32.76	3.359	
7,100.00	6,993.03	7,043.44	6,914.35	18.55	18.02	-25.88	-93.16	853.28	129.93	98.38	31.54	4.119	
7,200.00	7,075.46	7,125.29	6,971.76	18.51	18.00	-23.03	-94.37	795.05	147.95	117.40	30.54	4.844	
7,300.00	7,148.05	7,205.70	7,020.44	18.49	18.01	-21.14	-95.51	731.12	163.52	133.70	29.82	5.483	
7,400.00	7,209.00	7,285.01	7,060.19	18.51	18.07	-19.92	-96.55	662.56	176.29	146.84	29.45	5.987	
7,500.00	7,256.83	7,363.49	7,090.84	18.59	18.17	-19.19	-97.49	590.37	186.00	156.53	29.47	6.311	
7,600.00	7,290.34	7,441.41	7,112.26	18.76	18.33	-18.86	-98.32	515.51	192.49	162.58	29.91	6.435	
7,700.00	7,308.73	7,519.02	7,124.35	19.02	18.56	-18.87	-99.03	438.89	195.66	164.92	30.73	6.366	
7,800.00	7,311.63	7,597.79	7,127.00	19.37	18.84	-19.21	-99.62	360.22	195.58	163.73	31.85	6.141	
7,801.63	7,311.57	7,597.84	7,127.00	19.38	18.84	-19.21	-99.62	360.18	195.57	163.67	31.90	6.132	
7,900.00	7,308.36	7,703.80	7,124.22	19.85	19.35	-19.61	-100.27	261.85	195.58	162.83	32.75	5.971	
8,000.00	7,305.09	7,803.81	7,121.41	20.46	19.97	-20.02	-100.93	161.91	195.60	161.90	33.70	5.804	
8,100.00	7,301.83	7,903.82	7,118.59	21.18	20.70	-20.42	-101.59	61.96	195.64	160.88	34.75	5.629	
8,200.00	7,298.56	8,003.83	7,115.77	22.01	21.54	-20.83	-102.25	-37.99	195.68	159.78	35.90	5.450	
8,300.00	7,295.30	8,103.84	7,112.95	22.93	22.48	-21.23	-102.91	-137.94	195.73	158.59	37.14	5.270	
8,400.00	7,292.03	8,196.15	7,110.14	23.93	23.42	-21.64	-103.57	-237.89	195.79	157.38	38.41	5.098	
8,500.00	7,288.76	8,303.86	7,107.32	25.01	24.59	-22.04	-104.23	-337.84	195.86	156.01	39.86	4.914	
8,600.00	7,285.50	8,403.87	7,104.50	26.14	25.74	-22.45	-104.89	-437.79	195.94	154.61	41.33	4.741	
8,700.00	7,282.23	8,503.88	7,101.68	27.34	26.95	-22.85	-105.55	-537.73	196.03	153.16	42.87	4.573	
8,800.00	7,278.96	8,603.89	7,098.87	28.58	28.21	-23.25	-106.22	-637.68	196.14	151.66	44.48	4.410	
8,900.00	7,275.70	8,703.90	7,096.05	29.86	29.51	-23.66	-106.88	-737.63	196.25	150.10	46.15	4.253	
9,000.00	7,272.43	8,803.90	7,093.23	31.18	30.84	-24.06	-107.54	-837.58	196.37	148.49	47.87	4.102	
9,100.00	7,269.17	8,903.91	7,090.41	32.54	32.21	-24.46	-108.20	-937.53	196.50	146.84	49.65	3.958	
9,200.00	7,265.90	8,996.08	7,087.60	33.92	33.49	-24.86	-108.86	-1,037.48	196.63	145.22	51.41	3.825	
9,300.00	7,262.63	9,103.93	7,084.78	35.33	35.02	-25.26	-109.52	-1,137.43	196.78	143.42	53.36	3.688	
9,400.00	7,259.37	9,203.94	7,081.96	36.76	36.46	-25.66	-110.18	-1,237.37	196.94	141.66	55.29	3.562	
9,500.00	7,256.10	9,303.95	7,079.14	38.21	37.91	-26.06	-110.84	-1,337.32	197.11	139.86	57.25	3.443	
9,600.00	7,252.84	9,403.96	7,076.33	39.67	39.39	-26.46	-111.50	-1,437.27	197.29	138.02	59.27	3.329	
9,700.00	7,249.57	9,503.97	7,073.51	41.16	40.88	-26.86	-112.17	-1,537.22	197.48	136.16	61.32	3.220	
9,800.00	7,246.30	9,603.98	7,070.69	42.65	42.38	-27.26	-112.83	-1,637.17	197.67	134.26	63.41	3.117	
9,900.00	7,243.04	9,703.99	7,067.87	44.16	43.90	-27.66	-113.49	-1,737.12	197.88	132.34	65.54	3.019	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-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	
10,000.00	7,239.77	9,804.00	7,065.06	45.68	45.43	-28.05	-114.15	-1,837.06	198.09	130.39	67.70	2.926	
10,100.00	7,236.50	9,895.99	7,062.24	47.21	46.84	-28.45	-114.81	-1,937.01	198.32	128.50	69.82	2.840	
10,200.00	7,233.24	10,004.02	7,059.42	48.75	48.51	-28.84	-115.47	-2,036.96	198.55	126.42	72.13	2.753	
10,300.00	7,229.97	10,104.03	7,056.60	50.30	50.06	-29.23	-116.13	-2,136.91	198.80	124.40	74.40	2.672	
10,400.00	7,226.71	10,204.04	7,053.79	51.86	51.63	-29.62	-116.79	-2,236.86	199.05	122.35	76.70	2.595	
10,500.00	7,223.44	10,304.05	7,050.97	53.42	53.19	-30.02	-117.45	-2,336.81	199.31	120.29	79.03	2.522	
10,600.00	7,220.17	10,404.06	7,048.15	54.99	54.77	-30.41	-118.12	-2,436.76	199.59	118.20	81.39	2.452	
10,700.00	7,216.91	10,504.07	7,045.33	56.57	56.35	-30.79	-118.78	-2,536.70	199.87	116.09	83.78	2.386	
10,800.00	7,213.64	10,604.08	7,042.51	58.15	57.93	-31.18	-119.44	-2,636.65	200.16	113.96	86.19	2.322	
10,900.00	7,210.38	10,695.91	7,039.70	59.74	59.39	-31.57	-120.10	-2,736.60	200.46	111.90	88.55	2.264	
11,000.00	7,207.11	10,804.10	7,036.88	61.33	61.12	-31.95	-120.76	-2,836.55	200.76	109.65	91.11	2.203	
11,100.00	7,203.84	10,904.11	7,034.06	62.92	62.71	-32.34	-121.42	-2,936.50	201.08	107.47	93.62	2.148	
11,200.00	7,200.58	11,004.12	7,031.24	64.52	64.32	-32.72	-122.08	-3,036.45	201.41	105.27	96.14	2.095	
11,300.00	7,197.31	11,104.13	7,028.43	66.12	65.92	-33.10	-122.74	-3,136.40	201.74	103.05	98.70	2.044	
11,400.00	7,194.05	11,204.14	7,025.61	67.73	67.53	-33.48	-123.40	-3,236.34	202.09	100.81	101.28	1.995	
11,500.00	7,190.78	11,304.14	7,022.79	69.34	69.14	-33.86	-124.07	-3,336.29	202.44	98.56	103.88	1.949	
11,600.00	7,187.51	11,404.15	7,019.97	70.95	70.76	-34.24	-124.73	-3,436.24	202.80	96.29	106.51	1.904	
11,700.00	7,184.25	11,504.16	7,017.16	72.57	72.37	-34.62	-125.39	-3,536.19	203.18	94.01	109.16	1.861	
11,800.00	7,180.98	11,595.83	7,014.34	74.18	73.86	-34.99	-126.05	-3,636.14	203.55	91.81	111.74	1.822	
11,900.00	7,177.71	11,704.18	7,011.52	75.80	75.61	-35.37	-126.71	-3,736.09	203.94	89.40	114.54	1.781	
12,000.00	7,174.45	11,804.19	7,008.70	77.43	77.24	-35.74	-127.37	-3,836.04	204.34	87.08	117.26	1.743	
12,100.00	7,171.18	11,904.20	7,005.89	79.05	78.86	-36.11	-128.03	-3,935.98	204.75	84.74	120.01	1.706	
12,200.00	7,167.92	12,004.21	7,003.07	80.68	80.49	-36.48	-128.69	-4,035.93	205.16	82.38	122.78	1.671	
12,300.00	7,164.65	12,104.22	7,000.25	82.30	82.12	-36.85	-129.35	-4,135.88	205.58	80.02	125.57	1.637	
12,400.00	7,161.38	12,204.23	6,997.43	83.93	83.75	-37.21	-130.01	-4,235.83	206.01	77.64	128.38	1.605	
12,500.00	7,158.12	12,304.24	6,994.62	85.56	85.38	-37.58	-130.68	-4,335.78	206.45	75.25	131.21	1.573	
12,600.00	7,154.85	12,395.75	6,991.80	87.20	86.88	-37.94	-131.34	-4,435.73	206.90	72.94	133.96	1.545	
12,700.00	7,151.59	12,504.26	6,988.98	88.83	88.65	-38.30	-132.00	-4,535.68	207.36	70.43	136.93	1.514	
12,800.00	7,148.32	12,604.27	6,986.16	90.47	90.29	-38.66	-132.66	-4,635.62	207.82	68.00	139.82	1.486 Level 3	
12,900.00	7,145.05	12,704.28	6,983.35	92.11	91.93	-39.02	-133.32	-4,735.57	208.29	65.56	142.73	1.459 Level 3	
13,000.00	7,141.79	12,804.29	6,980.53	93.74	93.57	-39.38	-133.98	-4,835.52	208.78	63.11	145.66	1.433 Level 3	
13,100.00	7,138.52	12,904.30	6,977.71	95.38	95.21	-39.73	-134.64	-4,935.47	209.26	60.65	148.61	1.408 Level 3	
13,200.00	7,135.25	13,004.31	6,974.89	97.02	96.85	-40.09	-135.30	-5,035.42	209.76	58.18	151.58	1.384 Level 3	
13,300.00	7,131.99	13,104.32	6,972.08	98.67	98.49	-40.44	-135.96	-5,135.37	210.27	55.70	154.57	1.360 Level 3	
13,400.00	7,128.72	13,204.33	6,969.26	100.31	100.13	-40.79	-136.63	-5,235.31	210.78	53.21	157.57	1.338 Level 3	
13,500.00	7,125.46	13,295.66	6,966.44	101.95	101.64	-41.14	-137.29	-5,335.26	211.30	50.82	160.48	1.317 Level 3	
13,600.00	7,122.19	13,395.65	6,963.62	103.60	103.28	-41.48	-137.95	-5,435.21	211.83	48.31	163.52	1.295 Level 3	
13,700.00	7,118.92	13,504.36	6,960.81	105.24	105.07	-41.83	-138.61	-5,535.16	212.36	45.68	166.68	1.274 Level 3	
13,800.00	7,115.66	13,604.37	6,957.99	106.89	106.72	-42.17	-139.27	-5,635.11	212.91	43.16	169.75	1.254 Level 3	
13,900.00	7,112.39	13,704.37	6,955.17	108.54	108.36	-42.51	-139.93	-5,735.06	213.46	40.62	172.84	1.235 Level 2	
14,000.00	7,109.13	13,804.38	6,952.35	110.18	110.01	-42.85	-140.59	-5,835.01	214.02	38.08	175.94	1.216 Level 2	
14,100.00	7,105.86	13,895.61	6,949.54	111.83	111.52	-43.19	-141.25	-5,934.95	214.58	35.64	178.94	1.199 Level 2	
14,200.00	7,102.59	13,995.60	6,946.72	113.48	113.17	-43.53	-141.91	-6,034.90	215.15	33.08	182.07	1.182 Level 2	
14,300.00	7,099.33	14,095.59	6,943.90	115.13	114.82	-43.86	-142.58	-6,134.85	215.74	30.52	185.22	1.165 Level 2	
14,400.00	7,096.06	14,204.42	6,941.08	116.78	116.61	-44.19	-143.24	-6,234.80	216.32	27.83	188.49	1.148 Level 2	
14,500.00	7,092.79	14,304.43	6,938.27	118.43	118.26	-44.52	-143.90	-6,334.75	216.92	25.25	191.67	1.132 Level 2	
14,600.00	7,089.53	14,404.44	6,935.45	120.09	119.92	-44.85	-144.56	-6,434.70	217.52	22.66	194.86	1.116 Level 2	
14,700.00	7,086.26	14,504.45	6,932.63	121.74	121.57	-45.18	-145.22	-6,534.65	218.13	20.07	198.06	1.101 Level 2	
14,800.00	7,083.00	14,595.54	6,929.81	123.39	123.07	-45.50	-145.88	-6,634.59	218.75	17.59	201.16	1.087 Level 2	
14,900.00	7,079.73	14,704.47	6,926.99	125.05	124.88	-45.83	-146.54	-6,734.54	219.37	14.87	204.50	1.073 Level 2	
15,000.00	7,076.46	14,804.48	6,924.18	126.70	126.53	-46.15	-147.20	-6,834.49	220.00	12.26	207.74	1.059 Level 2	
15,100.00	7,073.20	14,895.51	6,921.36	128.35	128.04	-46.47	-147.86	-6,934.44	220.64	9.76	210.88	1.046 Level 2	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,200.00	7,069.93	14,995.50	6,918.54	130.01	129.69	-46.79	-148.53	-7,034.39	221.28	7.14	214.14	1.033	Level 2
15,300.00	7,066.67	15,104.51	6,915.72	131.66	131.49	-47.10	-149.19	-7,134.34	221.94	4.40	217.54	1.020	Level 2
15,400.00	7,063.40	15,204.52	6,912.91	133.32	133.15	-47.42	-149.85	-7,234.29	222.59	1.77	220.83	1.008	Level 2
15,500.00	7,060.13	15,295.47	6,910.09	134.98	134.66	-47.73	-150.51	-7,334.23	223.26	-0.74	224.00	0.997	Level 1
15,600.00	7,056.87	15,395.46	6,907.27	136.63	136.31	-48.04	-151.17	-7,434.18	223.93	-3.38	227.31	0.985	Level 1
15,634.69	7,055.73	15,430.15	6,906.29	137.21	136.89	-48.15	-151.40	-7,468.86	224.16	-4.30	228.46	0.981	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	-39.81	39.81				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.36	-39.81	39.81	32.29	7.53	5.288	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.36	-39.81	39.81	32.24	7.57	5.257	
300.00	300.00	300.65	300.65	3.35	3.35	-89.71	0.20	-39.40	39.40	31.74	7.66	5.143	
400.00	400.00	401.83	401.76	3.42	3.41	-91.75	-1.10	-36.07	36.13	28.34	7.78	4.641	
500.00	500.00	502.63	502.31	3.50	3.50	-97.14	-3.69	-29.44	29.76	21.82	7.95	3.746	
600.00	600.00	602.81	601.92	3.61	3.61	-111.03	-7.54	-19.60	21.09	12.93	8.16	2.586	
700.00	700.00	702.13	700.26	3.73	3.75	-152.17	-12.60	-6.65	14.25	5.80	8.44	1.687	
710.25	710.25	712.25	710.25	3.75	3.77	-158.65	-13.18	-5.15	14.16	5.68	8.48	1.670 CC, ES	
800.00	800.00	800.53	797.18	3.87	3.93	154.01	-18.78	9.16	21.08	12.40	8.68	2.429	
900.00	899.98	899.17	894.19	4.02	4.14	44.19	-25.26	25.74	35.27	26.32	8.95	3.941	
1,000.00	999.84	1,001.72	991.67	4.17	4.39	39.30	-31.77	42.40	48.12	38.85	9.27	5.191	
1,100.00	1,099.45	1,102.26	1,089.50	4.33	4.66	38.51	-38.31	59.12	58.41	48.78	9.63	6.066	
1,200.00	1,198.70	1,197.43	1,187.56	4.52	4.92	39.82	-44.86	75.89	66.00	55.99	10.02	6.590	
1,300.00	1,297.47	1,297.24	1,285.73	4.73	5.22	42.72	-51.42	92.67	71.03	60.58	10.46	6.793	
1,400.00	1,395.82	1,397.05	1,383.90	4.97	5.53	46.62	-57.98	109.45	74.52	63.58	10.95	6.808	
1,500.00	1,494.16	1,503.13	1,482.08	5.23	5.87	50.21	-64.54	126.23	78.27	66.77	11.49	6.810	
1,600.00	1,592.50	1,603.32	1,580.25	5.51	6.21	53.47	-71.10	143.01	82.29	70.23	12.06	6.825	
1,700.00	1,690.83	1,696.50	1,678.43	5.79	6.52	56.41	-77.66	159.79	86.56	73.92	12.63	6.852	
1,800.00	1,789.17	1,796.31	1,776.60	6.10	6.87	59.07	-84.22	176.58	91.03	77.78	13.25	6.868	
1,900.00	1,887.51	1,903.87	1,874.78	6.26	7.07	61.48	-90.78	193.36	95.68	82.43	13.24	7.224	
2,000.00	1,985.85	2,004.06	1,972.95	6.30	7.12	63.67	-97.34	210.14	100.48	87.13	13.35	7.524	
2,100.00	2,084.19	2,095.76	2,071.13	6.35	7.17	65.65	-103.90	226.92	105.42	91.93	13.49	7.813	
2,200.00	2,182.53	2,204.43	2,169.30	6.43	7.25	67.45	-110.46	243.70	110.47	96.80	13.67	8.080	
2,300.00	2,280.86	2,304.61	2,267.48	6.52	7.34	69.09	-117.02	260.49	115.62	101.74	13.88	8.332	
2,400.00	2,379.20	2,404.80	2,365.65	6.63	7.45	70.59	-123.58	277.27	120.85	106.74	14.11	8.564	
2,500.00	2,477.54	2,504.98	2,463.83	6.75	7.57	71.97	-130.14	294.05	126.17	111.79	14.38	8.777	
2,600.00	2,575.88	2,605.17	2,562.00	6.89	7.71	73.23	-136.70	310.83	131.54	116.88	14.67	8.969	
2,700.00	2,674.22	2,705.35	2,660.18	7.05	7.86	74.40	-143.26	327.61	136.98	122.00	14.98	9.142	
2,800.00	2,772.55	2,805.54	2,758.35	7.21	8.02	75.47	-149.82	344.40	142.47	127.15	15.33	9.296	
2,900.00	2,870.89	2,905.72	2,856.53	7.39	8.20	76.47	-156.38	361.18	148.01	132.32	15.69	9.433	
3,000.00	2,969.23	3,005.91	2,954.70	7.59	8.39	77.39	-162.94	377.96	153.59	137.51	16.08	9.553	
3,100.00	3,067.57	3,106.09	3,052.88	7.79	8.58	78.25	-169.50	394.74	159.20	142.72	16.48	9.657	
3,200.00	3,165.91	3,206.28	3,151.05	8.00	8.79	79.05	-176.06	411.52	164.85	147.94	16.91	9.748	
3,300.00	3,264.25	3,306.46	3,249.23	8.22	9.00	79.80	-182.62	428.31	170.53	153.17	17.35	9.827	
3,400.00	3,362.58	3,406.65	3,347.40	8.46	9.23	80.50	-189.18	445.09	176.23	158.42	17.81	9.893	
3,500.00	3,460.92	3,506.84	3,445.58	8.69	9.46	81.15	-195.74	461.87	181.96	163.67	18.29	9.950	
3,600.00	3,559.26	3,607.02	3,543.75	8.94	9.70	81.77	-202.30	478.65	187.71	168.94	18.78	9.998	
3,700.00	3,657.60	3,707.21	3,641.93	9.19	9.95	82.35	-208.86	495.43	193.49	174.21	19.28	10.037	
3,800.00	3,755.94	3,807.39	3,740.10	9.45	10.20	82.89	-215.42	512.22	199.28	179.49	19.79	10.070	
3,900.00	3,854.27	3,907.58	3,838.28	9.72	10.46	83.40	-221.98	529.00	205.08	184.77	20.31	10.096	
4,000.00	3,952.61	3,992.24	3,936.45	9.99	10.68	83.89	-228.54	545.78	210.91	190.10	20.81	10.135	
4,100.00	4,050.95	4,107.95	4,034.63	10.26	10.99	84.35	-235.10	562.56	216.74	195.35	21.39	10.132	
4,200.00	4,149.29	4,208.13	4,132.80	10.54	11.26	84.78	-241.66	579.34	222.59	200.65	21.94	10.144	
4,300.00	4,247.63	4,308.32	4,230.98	10.82	11.54	85.20	-248.22	596.13	228.46	205.95	22.50	10.152	
4,400.00	4,345.97	4,408.50	4,329.15	11.11	11.82	85.59	-254.78	612.91	234.33	211.26	23.07	10.156	
4,500.00	4,444.30	4,491.31	4,427.33	11.40	12.05	85.96	-261.34	629.69	240.22	216.62	23.60	10.179	
4,600.00	4,542.64	4,608.87	4,525.50	11.69	12.39	86.32	-267.90	646.47	246.11	221.88	24.23	10.158	
4,700.00	4,640.98	4,709.06	4,623.68	11.99	12.68	86.66	-274.46	663.25	252.01	227.20	24.82	10.155	
4,800.00	4,739.32	4,809.24	4,721.85	12.29	12.98	86.98	-281.02	680.03	257.92	232.51	25.41	10.151	
4,900.00	4,837.66	4,909.43	4,820.03	12.59	13.28	87.29	-287.58	696.82	263.84	237.83	26.01	10.145	
5,000.00	4,936.00	5,009.61	4,918.20	12.89	13.58	87.58	-294.14	713.60	269.77	243.16	26.61	10.138	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,109.80	5,016.38	13.20	13.88	87.86	-300.70	730.38	275.70	248.48	27.22	10.129	
5,200.00	5,132.67	5,209.98	5,114.55	13.51	14.19	88.14	-307.26	747.16	281.64	253.81	27.83	10.120	
5,300.00	5,231.01	5,289.83	5,212.73	13.82	14.43	88.39	-313.82	763.94	287.59	259.20	28.38	10.132	
5,400.00	5,329.35	5,389.65	5,310.90	14.13	14.74	88.64	-320.38	780.73	293.54	264.54	29.00	10.121	
5,500.00	5,427.69	5,489.46	5,409.08	14.44	15.05	88.88	-326.94	797.51	299.49	269.87	29.62	10.110	
5,600.00	5,526.02	5,589.28	5,507.25	14.76	15.36	89.11	-333.50	814.29	305.46	275.21	30.25	10.098	
5,700.00	5,624.36	5,689.09	5,605.43	15.08	15.67	89.33	-340.06	831.07	311.42	280.55	30.88	10.086	
5,800.00	5,722.70	5,788.91	5,703.60	15.39	15.99	89.55	-346.62	847.85	317.39	285.89	31.51	10.074	
5,900.00	5,821.04	5,888.72	5,801.78	15.71	16.30	89.75	-353.18	864.64	323.37	291.23	32.14	10.061	
6,000.00	5,919.38	5,988.54	5,899.95	16.03	16.62	89.95	-359.74	881.42	329.35	296.57	32.78	10.048	
6,100.00	6,017.72	6,088.35	5,998.13	16.35	16.94	90.14	-366.30	898.20	335.33	301.91	33.42	10.035	
6,200.00	6,116.05	6,188.17	6,096.30	16.68	17.26	90.32	-372.86	914.98	341.31	307.26	34.06	10.022	
6,300.00	6,214.39	6,287.98	6,194.48	17.00	17.58	90.50	-379.42	931.76	347.30	312.60	34.70	10.009	
6,400.00	6,312.73	6,387.79	6,292.65	17.33	17.90	90.67	-385.98	948.55	353.30	317.95	35.34	9.996	
6,500.00	6,411.07	6,487.61	6,390.83	17.65	18.23	90.83	-392.54	965.33	359.29	323.30	35.99	9.983	
6,600.00	6,509.41	6,586.41	6,488.18	17.98	18.51	91.18	-399.02	980.73	365.35	328.74	36.60	9.981	
6,700.00	6,608.03	6,681.93	6,583.37	18.27	18.66	92.20	-405.10	983.78	372.11	334.99	37.12	10.024	
6,800.00	6,707.89	6,775.29	6,675.85	18.44	18.76	-76.40	-410.73	972.95	379.30	341.89	37.41	10.140	
6,900.00	6,806.95	6,866.96	6,764.17	18.53	18.80	-78.56	-415.82	949.26	386.53	349.01	37.52	10.301	
7,000.00	6,902.79	6,957.18	6,846.93	18.56	18.80	-77.14	-420.32	913.79	393.49	355.99	37.50	10.494	
7,100.00	6,993.03	7,046.21	6,922.89	18.55	18.78	-75.66	-424.17	867.66	399.88	362.51	37.37	10.701	
7,200.00	7,075.46	7,134.28	6,991.01	18.51	18.74	-74.39	-427.32	812.04	405.45	368.25	37.20	10.900	
7,300.00	7,148.05	7,221.61	7,050.36	18.49	18.71	-73.40	-429.75	748.12	409.98	372.94	37.04	11.069	
7,400.00	7,209.00	7,308.42	7,100.18	18.51	18.70	-72.72	-431.43	677.13	413.30	376.33	36.97	11.180	
7,500.00	7,256.83	7,394.92	7,139.79	18.59	18.73	-72.36	-432.34	600.31	415.29	378.24	37.05	11.210	
7,600.00	7,290.34	7,481.31	7,168.62	18.76	18.81	-72.33	-432.47	518.94	415.88	378.56	37.32	11.144	
7,700.00	7,308.73	7,567.79	7,186.22	19.02	18.97	-72.63	-431.83	434.34	415.07	377.26	37.80	10.979	
7,800.00	7,311.63	7,654.57	7,192.22	19.37	19.19	-73.22	-430.41	347.85	412.91	374.42	38.49	10.727	
7,900.00	7,308.36	7,751.93	7,189.88	19.85	19.58	-73.27	-428.24	250.54	411.14	371.69	39.45	10.421	
8,000.00	7,305.09	7,851.92	7,187.22	20.46	20.12	-73.29	-426.00	150.62	409.44	368.79	40.65	10.072	
8,100.00	7,301.83	7,951.90	7,184.56	21.18	20.79	-73.31	-423.75	50.69	407.74	365.67	42.07	9.692	
8,200.00	7,298.56	8,051.89	7,181.89	22.01	21.58	-73.32	-421.51	-49.23	406.04	362.35	43.69	9.295	
8,300.00	7,295.30	8,151.87	7,179.23	22.93	22.48	-73.34	-419.26	-149.16	404.33	358.86	45.48	8.891	
8,400.00	7,292.03	8,251.86	7,176.57	23.93	23.47	-73.36	-417.02	-249.08	402.63	355.21	47.42	8.490	
8,500.00	7,288.76	8,351.84	7,173.91	25.01	24.54	-73.38	-414.78	-349.01	400.93	351.42	49.51	8.098	
8,600.00	7,285.50	8,451.83	7,171.25	26.14	25.67	-73.39	-412.53	-448.93	399.23	347.51	51.72	7.720	
8,700.00	7,282.23	8,551.81	7,168.59	27.34	26.86	-73.41	-410.29	-548.86	397.52	343.50	54.03	7.358	
8,800.00	7,278.96	8,651.80	7,165.93	28.58	28.10	-73.43	-408.04	-648.78	395.82	339.39	56.43	7.014	
8,900.00	7,275.70	8,751.78	7,163.27	29.86	29.38	-73.45	-405.80	-748.71	394.12	335.20	58.92	6.689	
9,000.00	7,272.43	8,851.77	7,160.61	31.18	30.70	-73.47	-403.55	-848.63	392.42	330.94	61.48	6.383	
9,100.00	7,269.17	8,951.76	7,157.95	32.54	32.06	-73.48	-401.31	-948.56	390.72	326.62	64.10	6.096	
9,200.00	7,265.90	9,051.74	7,155.29	33.92	33.44	-73.50	-399.07	-1,048.48	389.01	322.24	66.77	5.826	
9,300.00	7,262.63	9,151.73	7,152.63	35.33	34.85	-73.52	-396.82	-1,148.41	387.31	317.81	69.50	5.573	
9,400.00	7,259.37	9,251.71	7,149.97	36.76	36.28	-73.54	-394.58	-1,248.33	385.61	313.34	72.27	5.336	
9,500.00	7,256.10	9,351.70	7,147.31	38.21	37.73	-73.56	-392.33	-1,348.26	383.91	308.83	75.08	5.114	
9,600.00	7,252.84	9,451.68	7,144.65	39.67	39.20	-73.58	-390.09	-1,448.18	382.21	304.29	77.92	4.905	
9,700.00	7,249.57	9,551.67	7,141.99	41.16	40.68	-73.60	-387.85	-1,548.11	380.51	299.71	80.79	4.710	
9,800.00	7,246.30	9,651.65	7,139.33	42.65	42.18	-73.62	-385.60	-1,648.03	378.80	295.11	83.70	4.526	
9,900.00	7,243.04	9,751.64	7,136.67	44.16	43.69	-73.64	-383.36	-1,747.96	377.10	290.48	86.62	4.353	
10,000.00	7,239.77	9,851.62	7,134.01	45.68	45.22	-73.66	-381.11	-1,847.88	375.40	285.83	89.57	4.191	
10,100.00	7,236.50	9,951.61	7,131.35	47.21	46.75	-73.68	-378.87	-1,947.80	373.70	281.16	92.54	4.038	
10,200.00	7,233.24	10,051.59	7,128.69	48.75	48.29	-73.70	-376.62	-2,047.73	372.00	276.47	95.53	3.894	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,229.97	10,151.58	7,126.03	50.30	49.84	-73.72	-374.38	-2,147.65	370.30	271.76	98.54	3.758		
10,400.00	7,226.71	10,251.57	7,123.37	51.86	51.40	-73.74	-372.14	-2,247.58	368.59	267.04	101.56	3.629		
10,500.00	7,223.44	10,351.55	7,120.71	53.42	52.97	-73.76	-369.89	-2,347.50	366.89	262.30	104.59	3.508		
10,600.00	7,220.17	10,451.54	7,118.05	54.99	54.54	-73.78	-367.65	-2,447.43	365.19	257.55	107.64	3.393		
10,700.00	7,216.91	10,551.52	7,115.39	56.57	56.12	-73.80	-365.40	-2,547.35	363.49	252.79	110.70	3.283		
10,800.00	7,213.64	10,651.51	7,112.73	58.15	57.70	-73.83	-363.16	-2,647.28	361.79	248.01	113.77	3.180		
10,900.00	7,210.38	10,751.49	7,110.07	59.74	59.29	-73.85	-360.91	-2,747.20	360.09	243.23	116.86	3.081		
11,000.00	7,207.11	10,851.48	7,107.41	61.33	60.88	-73.87	-358.67	-2,847.13	358.39	238.44	119.95	2.988		
11,100.00	7,203.84	10,951.46	7,104.75	62.92	62.48	-73.89	-356.43	-2,947.05	356.68	233.63	123.05	2.899		
11,200.00	7,200.58	11,051.45	7,102.09	64.52	64.08	-73.91	-354.18	-3,046.98	354.98	228.82	126.16	2.814		
11,300.00	7,197.31	11,151.43	7,099.43	66.12	65.68	-73.94	-351.94	-3,146.90	353.28	224.01	129.28	2.733		
11,400.00	7,194.05	11,251.42	7,096.77	67.73	67.29	-73.96	-349.69	-3,246.83	351.58	219.18	132.40	2.655		
11,500.00	7,190.78	11,351.41	7,094.11	69.34	68.90	-73.98	-347.45	-3,346.75	349.88	214.35	135.53	2.582		
11,600.00	7,187.51	11,451.39	7,091.45	70.95	70.52	-74.01	-345.21	-3,446.68	348.18	209.51	138.67	2.511		
11,700.00	7,184.25	11,551.38	7,088.79	72.57	72.13	-74.03	-342.96	-3,546.60	346.48	204.67	141.81	2.443		
11,800.00	7,180.98	11,651.36	7,086.13	74.18	73.75	-74.05	-340.72	-3,646.53	344.78	199.82	144.96	2.378		
11,900.00	7,177.71	11,751.35	7,083.47	75.80	75.38	-74.08	-338.47	-3,746.45	343.08	194.96	148.12	2.316		
12,000.00	7,174.45	11,851.33	7,080.81	77.43	77.00	-74.10	-336.23	-3,846.38	341.38	190.10	151.28	2.257		
12,100.00	7,171.18	11,951.32	7,078.15	79.05	78.63	-74.13	-333.98	-3,946.30	339.68	185.24	154.44	2.199		
12,200.00	7,167.92	12,051.30	7,075.49	80.68	80.25	-74.15	-331.74	-4,046.23	337.98	180.37	157.61	2.144		
12,300.00	7,164.65	12,151.29	7,072.83	82.30	81.88	-74.18	-329.50	-4,146.15	336.28	175.49	160.78	2.092		
12,400.00	7,161.38	12,251.27	7,070.17	83.93	83.52	-74.20	-327.25	-4,246.08	334.58	170.62	163.96	2.041		
12,500.00	7,158.12	12,351.26	7,067.51	85.56	85.15	-74.23	-325.01	-4,346.00	332.88	165.73	167.14	1.992		
12,600.00	7,154.85	12,451.25	7,064.85	87.20	86.78	-74.25	-322.76	-4,445.93	331.18	160.85	170.33	1.944		
12,700.00	7,151.59	12,551.23	7,062.19	88.83	88.42	-74.28	-320.52	-4,545.85	329.48	155.96	173.51	1.899		
12,800.00	7,148.32	12,651.22	7,059.53	90.47	90.06	-74.31	-318.28	-4,645.78	327.78	151.07	176.71	1.855		
12,900.00	7,145.05	12,751.20	7,056.87	92.11	91.70	-74.33	-316.03	-4,745.70	326.08	146.17	179.90	1.813		
13,000.00	7,141.79	12,851.19	7,054.21	93.74	93.34	-74.36	-313.79	-4,845.63	324.38	141.27	183.10	1.772		
13,100.00	7,138.52	12,951.17	7,051.55	95.38	94.98	-74.39	-311.54	-4,945.55	322.68	136.37	186.30	1.732		
13,200.00	7,135.25	13,051.16	7,048.89	97.02	96.62	-74.41	-309.30	-5,045.48	320.98	131.47	189.51	1.694		
13,300.00	7,131.99	13,151.14	7,046.23	98.67	98.27	-74.44	-307.05	-5,145.40	319.28	126.56	192.72	1.657		
13,400.00	7,128.72	13,251.13	7,043.57	100.31	99.91	-74.47	-304.81	-5,245.32	317.58	121.65	195.93	1.621		
13,500.00	7,125.46	13,351.11	7,040.91	101.95	101.56	-74.50	-302.57	-5,345.25	315.88	116.74	199.14	1.586		
13,600.00	7,122.19	13,451.10	7,038.25	103.60	103.20	-74.53	-300.32	-5,445.17	314.18	111.82	202.36	1.553		
13,700.00	7,118.92	13,551.09	7,035.59	105.24	104.85	-74.56	-298.08	-5,545.10	312.48	106.90	205.57	1.520		
13,800.00	7,115.66	13,651.07	7,032.93	106.89	106.50	-74.58	-295.83	-5,645.02	310.78	101.98	208.80	1.488	Level 3	
13,900.00	7,112.39	13,746.70	7,030.39	108.54	108.07	-74.63	-293.99	-5,740.60	309.41	97.39	212.02	1.459	Level 3	
13,909.51	7,112.08	13,755.31	7,030.16	108.69	108.22	-74.64	-293.94	-5,749.21	309.39	97.07	212.32	1.457	Level 3	
14,000.00	7,109.13	13,837.24	7,027.98	110.18	109.56	-74.79	-294.71	-5,831.10	310.64	95.47	215.17	1.444	Level 3	
14,100.00	7,105.86	13,929.21	7,025.53	111.83	111.07	-75.09	-298.33	-5,922.97	314.89	96.61	218.28	1.443	Level 3, SF	
14,200.00	7,102.59	14,029.05	7,022.88	113.48	112.70	-75.45	-303.32	-6,022.64	320.20	98.48	221.72	1.444	Level 3	
14,300.00	7,099.33	14,128.89	7,020.22	115.13	114.34	-75.81	-308.31	-6,122.32	325.52	100.37	225.15	1.446	Level 3	
14,400.00	7,096.06	14,228.73	7,017.57	116.78	115.98	-76.15	-313.31	-6,222.00	330.86	102.28	228.58	1.447	Level 3	
14,500.00	7,092.79	14,328.57	7,014.92	118.43	117.62	-76.48	-318.30	-6,321.68	336.20	104.20	232.01	1.449	Level 3	
14,600.00	7,089.53	14,428.40	7,012.26	120.09	119.25	-76.80	-323.29	-6,421.36	341.56	106.13	235.43	1.451	Level 3	
14,700.00	7,086.26	14,528.24	7,009.61	121.74	120.89	-77.11	-328.29	-6,521.04	346.93	108.08	238.85	1.453	Level 3	
14,800.00	7,083.00	14,628.08	7,006.96	123.39	122.53	-77.41	-333.28	-6,620.71	352.31	110.04	242.27	1.454	Level 3	
14,900.00	7,079.73	14,727.92	7,004.30	125.05	124.18	-77.70	-338.28	-6,720.39	357.70	112.02	245.68	1.456	Level 3	
15,000.00	7,076.46	14,827.76	7,001.65	126.70	125.82	-77.98	-343.27	-6,820.07	363.09	114.00	249.09	1.458	Level 3	
15,100.00	7,073.20	14,927.60	6,999.00	128.35	127.46	-78.26	-348.26	-6,919.75	368.50	116.00	252.50	1.459	Level 3	
15,200.00	7,069.93	15,027.43	6,996.34	130.01	129.10	-78.52	-353.26	-7,019.43	373.91	118.01	255.90	1.461	Level 3	
15,300.00	7,066.67	15,127.27	6,993.69	131.66	130.74	-78.78	-358.25	-7,119.10	379.33	120.03	259.30	1.463	Level 3	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,400.00	7,063.40	15,227.11	6,991.04	133.32	132.39	-79.03	-363.24	-7,218.78	384.76	122.06	262.70	1.465	Level 3
15,500.00	7,060.13	15,326.95	6,988.38	134.98	134.03	-79.28	-368.24	-7,318.46	390.20	124.10	266.10	1.466	Level 3
15,600.00	7,056.87	15,426.79	6,985.73	136.63	135.68	-79.52	-373.23	-7,418.14	395.64	126.15	269.49	1.468	Level 3
15,634.69	7,055.73	15,461.42	6,984.81	137.21	136.25	-79.60	-374.96	-7,452.72	397.53	126.86	270.67	1.469	Level 3

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.84	2.94	-1,059.63	1,059.63				
100.00	100.00	101.00	101.00	3.28	3.28	-89.84	2.94	-1,059.63	1,059.63	1,052.10	7.53	140.740	
200.00	200.00	201.00	201.00	3.31	3.31	-89.84	2.94	-1,059.63	1,059.63	1,052.06	7.57	139.899	
300.00	300.00	301.00	301.00	3.35	3.35	-89.84	2.94	-1,059.63	1,059.63	1,051.97	7.66	138.251	
400.00	400.00	401.00	401.00	3.42	3.42	-89.84	2.94	-1,059.63	1,059.63	1,051.83	7.80	135.884	
500.00	500.00	501.00	501.00	3.50	3.50	-89.84	2.94	-1,059.63	1,059.63	1,051.66	7.97	132.913	
600.00	600.00	601.00	601.00	3.61	3.61	-89.84	2.94	-1,059.63	1,059.63	1,051.45	8.18	129.468	
700.00	700.00	701.00	701.00	3.73	3.73	-89.84	2.94	-1,059.63	1,059.63	1,051.20	8.43	125.680	
800.00	800.00	801.00	801.00	3.87	3.87	-89.84	2.94	-1,059.63	1,059.63	1,050.92	8.71	121.668	
900.00	899.98	901.56	901.56	4.02	4.03	178.16	2.94	-1,059.63	1,061.37	1,052.37	9.01	117.848	
1,000.00	999.84	1,060.47	1,060.38	4.17	4.28	178.18	3.00	-1,055.13	1,063.78	1,054.39	9.39	113.286	
1,100.00	1,099.45	1,219.54	1,218.88	4.33	4.56	178.21	3.20	-1,041.83	1,064.13	1,054.34	9.79	108.737	
1,200.00	1,198.70	1,378.53	1,376.31	4.52	4.88	178.27	3.53	-1,019.76	1,062.41	1,052.21	10.21	104.106	
1,300.00	1,297.47	1,507.00	1,502.56	4.73	5.20	178.33	3.88	-996.02	1,059.38	1,048.75	10.62	99.730	
1,400.00	1,395.82	1,606.99	1,600.67	4.97	5.46	178.38	4.16	-976.76	1,058.15	1,047.10	11.04	95.824	
1,500.00	1,494.16	1,706.98	1,698.79	5.23	5.75	178.43	4.45	-957.49	1,057.01	1,045.52	11.49	92.022	
1,600.00	1,592.50	1,806.97	1,796.91	5.51	6.04	178.48	4.73	-938.23	1,055.87	1,043.93	11.94	88.423	
1,700.00	1,690.83	1,906.96	1,895.02	5.79	6.19	178.53	5.02	-918.96	1,054.74	1,042.62	12.12	87.030	
1,800.00	1,789.17	2,006.95	1,993.14	6.10	6.23	178.58	5.30	-899.70	1,053.60	1,041.22	12.38	85.108	
1,900.00	1,887.51	2,106.93	2,091.25	6.26	6.29	178.63	5.59	-880.43	1,052.47	1,040.14	12.33	85.344	
2,000.00	1,985.85	2,206.92	2,189.37	6.30	6.37	178.68	5.87	-861.16	1,051.33	1,038.93	12.40	84.765	
2,100.00	2,084.19	2,306.91	2,287.48	6.35	6.47	178.73	6.16	-841.90	1,050.20	1,037.69	12.51	83.965	
2,200.00	2,182.53	2,406.90	2,385.60	6.43	6.58	178.78	6.44	-822.63	1,049.07	1,036.43	12.65	82.962	
2,300.00	2,280.86	2,506.89	2,483.71	6.52	6.71	178.83	6.73	-803.37	1,047.94	1,035.13	12.81	81.783	
2,400.00	2,379.20	2,606.88	2,581.83	6.63	6.86	178.89	7.01	-784.10	1,046.81	1,033.80	13.01	80.434	
2,500.00	2,477.54	2,706.87	2,679.94	6.75	7.02	178.94	7.30	-764.84	1,045.68	1,032.44	13.24	78.958	
2,600.00	2,575.88	2,806.86	2,778.06	6.89	7.20	178.99	7.58	-745.57	1,044.55	1,031.05	13.50	77.374	
2,700.00	2,674.22	2,906.85	2,876.17	7.05	7.39	179.04	7.87	-726.31	1,043.43	1,029.64	13.78	75.706	
2,800.00	2,772.55	3,006.84	2,974.29	7.21	7.59	179.09	8.15	-707.04	1,042.30	1,028.21	14.09	73.978	
2,900.00	2,870.89	3,106.83	3,072.41	7.39	7.80	179.14	8.44	-687.78	1,041.17	1,026.75	14.42	72.209	
3,000.00	2,969.23	3,206.82	3,170.52	7.59	8.02	179.19	8.72	-668.51	1,040.05	1,025.28	14.77	70.418	
3,100.00	3,067.57	3,306.81	3,268.64	7.79	8.25	179.25	9.01	-649.25	1,038.92	1,023.78	15.14	68.623	
3,200.00	3,165.91	3,406.80	3,366.75	8.00	8.49	179.30	9.29	-629.98	1,037.80	1,022.27	15.53	66.833	
3,300.00	3,264.25	3,506.78	3,464.87	8.22	8.74	179.35	9.58	-610.72	1,036.68	1,020.75	15.93	65.066	
3,400.00	3,362.58	3,606.77	3,562.98	8.46	9.00	179.40	9.86	-591.45	1,035.56	1,019.20	16.35	63.323	
3,500.00	3,460.92	3,706.76	3,661.10	8.69	9.26	179.46	10.15	-572.19	1,034.44	1,017.65	16.79	61.616	
3,600.00	3,559.26	3,806.75	3,759.21	8.94	9.53	179.51	10.43	-552.92	1,033.32	1,016.08	17.24	59.950	
3,700.00	3,657.60	3,906.74	3,857.33	9.19	9.80	179.56	10.72	-533.66	1,032.20	1,014.50	17.70	58.329	
3,800.00	3,755.94	4,006.73	3,955.44	9.45	10.08	179.61	11.00	-514.39	1,031.08	1,012.91	18.17	56.755	
3,900.00	3,854.27	4,106.72	4,053.56	9.72	10.37	179.67	11.29	-495.13	1,029.96	1,011.31	18.65	55.229	
4,000.00	3,952.61	4,206.71	4,151.67	9.99	10.66	179.72	11.57	-475.86	1,028.85	1,009.71	19.14	53.754	
4,100.00	4,050.95	4,306.70	4,249.79	10.26	10.95	179.77	11.86	-456.60	1,027.73	1,008.09	19.64	52.330	
4,200.00	4,149.29	4,406.69	4,347.90	10.54	11.25	179.83	12.14	-437.33	1,026.62	1,006.47	20.15	50.956	
4,300.00	4,247.63	4,506.68	4,446.02	10.82	11.55	179.88	12.43	-418.07	1,025.50	1,004.84	20.66	49.631	
4,400.00	4,345.97	4,606.67	4,544.14	11.11	11.85	179.93	12.71	-398.80	1,024.39	1,003.21	21.18	48.356	
4,500.00	4,444.30	4,706.66	4,642.25	11.40	12.15	179.99	13.00	-379.54	1,023.28	1,001.57	21.71	47.128	
4,600.00	4,542.64	4,806.64	4,740.37	11.69	12.46	-179.96	13.28	-360.27	1,022.17	999.92	22.25	45.946	
4,700.00	4,640.98	4,906.63	4,838.48	11.99	12.77	-179.91	13.57	-341.01	1,021.06	998.27	22.79	44.809	
4,800.00	4,739.32	5,006.62	4,936.60	12.29	13.09	-179.85	13.85	-321.74	1,019.95	996.62	23.33	43.715	
4,900.00	4,837.66	5,106.61	5,034.71	12.59	13.40	-179.80	14.14	-302.48	1,018.84	994.96	23.88	42.663	
5,000.00	4,936.00	5,206.60	5,132.83	12.89	13.72	-179.74	14.42	-283.21	1,017.73	993.30	24.44	41.650	
5,100.00	5,034.33	5,306.59	5,230.94	13.20	14.04	-179.69	14.71	-263.95	1,016.63	991.63	24.99	40.676	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,132.67	5,406.58	5,329.06	13.51	14.36	-179.64	14.99	-244.68	1,015.52	989.97	25.55	39.739		
5,300.00	5,231.01	5,506.57	5,427.17	13.82	14.68	-179.58	15.28	-225.42	1,014.42	988.30	26.12	38.837		
5,400.00	5,329.35	5,606.56	5,525.29	14.13	15.01	-179.53	15.56	-206.15	1,013.31	986.62	26.69	37.968		
5,500.00	5,427.69	5,706.55	5,623.40	14.44	15.33	-179.47	15.85	-186.88	1,012.21	984.95	27.26	37.131		
5,600.00	5,526.02	5,806.54	5,721.52	14.76	15.66	-179.42	16.13	-167.62	1,011.11	983.27	27.84	36.325		
5,700.00	5,624.36	5,906.53	5,819.64	15.08	15.99	-179.36	16.42	-148.35	1,010.01	981.60	28.41	35.548		
5,800.00	5,722.70	6,006.52	5,917.75	15.39	16.32	-179.31	16.70	-129.09	1,008.91	979.92	28.99	34.799		
5,900.00	5,821.04	6,106.50	6,018.87	15.71	16.65	-179.25	16.99	-109.82	1,007.81	978.23	29.57	34.077		
6,000.00	5,919.38	6,206.49	6,113.98	16.03	16.98	-179.20	17.27	-90.56	1,006.71	976.55	30.16	33.380		
6,100.00	6,017.72	6,306.48	6,212.10	16.35	17.31	-179.14	17.56	-71.29	1,005.61	974.87	30.75	32.707		
6,200.00	6,116.05	6,406.47	6,310.21	16.68	17.65	-179.09	17.84	-52.03	1,004.52	973.18	31.33	32.058		
6,300.00	6,214.39	6,506.46	6,408.33	17.00	17.98	-179.03	18.13	-32.76	1,003.42	971.50	31.93	31.430		
6,400.00	6,312.73	6,606.45	6,506.20	17.33	18.31	-178.97	18.46	-13.49	1,002.32	969.82	32.52	30.781		
6,500.00	6,411.07	6,706.44	6,604.05	17.65	18.63	-178.91	18.79	7.82	1,001.22	968.14	33.11	30.131		
6,600.00	6,509.41	6,806.43	6,701.86	17.98	18.96	-178.85	19.12	18.55	1,000.12	966.46	33.70	29.482		
6,700.00	6,608.03	6,906.42	6,800.07	18.31	19.29	-178.79	19.45	29.28	999.02	964.78	34.29	28.833		
6,800.00	6,707.89	7,006.41	6,897.96	18.63	19.62	-178.73	19.78	40.01	997.92	963.10	34.88	28.184		
6,900.00	6,806.95	7,106.40	6,998.01	18.96	19.95	-178.67	20.11	50.74	996.82	961.42	35.47	27.535		
7,000.00	6,907.29	7,206.39	7,098.12	19.29	20.28	-178.61	20.44	61.47	995.72	959.74	36.06	26.886		
7,100.00	7,007.63	7,306.38	7,198.23	19.62	20.61	-178.55	20.77	72.20	994.62	958.06	36.65	26.237		
7,200.00	7,107.97	7,406.37	7,298.34	19.95	20.94	-178.49	21.10	82.93	993.52	956.38	37.24	25.588		
7,300.00	7,208.31	7,506.36	7,398.45	20.28	21.27	-178.43	21.43	93.66	992.42	954.70	37.83	24.939		
7,400.00	7,308.65	7,606.35	7,498.56	20.61	21.60	-178.37	21.76	104.39	991.32	953.02	38.42	24.290		
7,500.00	7,408.99	7,706.34	7,598.67	20.94	21.93	-178.31	22.09	115.12	990.22	951.34	39.01	23.641		
7,600.00	7,509.33	7,806.33	7,698.78	21.27	22.26	-178.25	22.42	125.85	989.12	949.66	39.60	23.000		
7,700.00	7,609.67	7,906.32	7,798.89	21.60	22.59	-178.19	22.75	136.58	988.02	947.98	40.19	22.351		
7,800.00	7,710.01	8,006.31	7,899.00	21.93	22.92	-178.13	23.08	147.31	986.92	946.30	40.78	21.702		
7,900.00	7,810.35	8,106.30	7,999.11	22.26	23.25	-178.07	23.41	158.04	985.82	944.62	41.37	21.053		
8,000.00	7,910.69	8,206.29	8,099.22	22.59	23.58	-178.01	23.74	168.77	984.72	942.94	41.96	20.404		
8,100.00	8,011.03	8,306.28	8,199.33	22.92	23.91	-177.95	24.07	179.50	983.62	941.26	42.55	19.755		
8,200.00	8,111.37	8,406.27	8,299.44	23.25	24.24	-177.89	24.40	190.23	982.52	939.58	43.14	19.106		
8,300.00	8,211.71	8,506.26	8,399.55	23.58	24.57	-177.83	24.73	200.96	981.42	937.90	43.73	18.457		
8,400.00	8,312.05	8,606.25	8,499.66	23.91	24.90	-177.77	25.06	211.69	980.32	936.22	44.32	17.808		
8,500.00	8,412.39	8,706.24	8,599.77	24.24	25.23	-177.71	25.39	222.42	979.22	934.54	44.91	17.159		
8,600.00	8,512.73	8,806.23	8,699.88	24.57	25.56	-177.65	25.72	233.15	978.12	932.86	45.50	16.510		
8,700.00	8,613.07	8,906.22	8,799.99	24.90	25.89	-177.59	26.05	243.88	977.02	931.18	46.09	15.861		
8,800.00	8,713.41	9,006.21	8,899.10	25.23	26.22	-177.53	26.38	254.61	975.92	929.50	46.68	15.212		
8,900.00	8,813.75	9,106.20	8,999.21	25.56	26.55	-177.47	26.71	265.34	974.82	927.82	47.27	14.563		
9,000.00	8,914.09	9,206.19	9,099.32	25.89	26.88	-177.41	27.04	276.07	973.72	926.14	47.86	13.914		
9,100.00	9,014.43	9,306.18	9,199.43	26.22	27.21	-177.35	27.37	286.80	972.62	924.46	48.45	13.265		
9,200.00	9,114.77	9,406.17	9,299.54	26.55	27.54	-177.29	27.70	297.53	971.52	922.78	49.04	12.616		
9,300.00	9,215.11	9,506.16	9,399.65	26.88	27.87	-177.23	28.03	308.26	970.42	921.10	49.63	11.967		
9,400.00	9,315.45	9,606.15	9,499.76	27.21	28.20	-177.17	28.36	318.99	969.32	919.42	50.22	11.318		
9,500.00	9,415.79	9,706.14	9,599.87	27.54	28.53	-177.11	28.69	329.72	968.22	917.74	50.81	10.669		
9,600.00	9,516.13	9,806.13	9,699.98	27.87	28.86	-177.05	29.02	340.45	967.12	916.06	51.40	10.020		
9,700.00	9,616.47	9,906.12	9,799.09	28.20	29.19	-176.99	29.35	351.18	966.02	914.38	51.99	9.371		
9,800.00	9,716.81	10,006.11	9,899.20	28.53	29.52	-176.93	29.68	361.91	964.92	912.70	52.58	8.722		
9,900.00	9,817.15	10,106.10	9,999.31	28.86	29.85	-176.87	30.01	372.64	963.82	911.02	53.17	8.073		
10,000.00	9,917.49	10,206.09	10,099.42	29.19	30.18	-176.81	30.34	383.37	962.72	909.34	53.76	7.424		
10,100.00	10,017.83	10,306.08	10,199.53	29.52	30.51	-176.75	30.67	394.10	961.62	907.66	54.35	6.775		
10,200.00	10,118.17	10,406.07	10,299.64	29.85	30.84	-176.69	31.00	404.83	960.52	905.98	54.94	6.126		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,229.97	6,907.11	6,801.47	50.30	19.33	5.98	19.27	44.43	2,228.98	2,190.78	38.20	58.353	
10,400.00	7,226.71	6,884.65	6,779.43	51.86	19.25	5.72	19.21	40.10	2,326.40	2,288.10	38.30	60.745	
10,500.00	7,223.44	6,862.19	6,757.39	53.42	19.18	5.49	19.14	35.77	2,423.81	2,385.41	38.40	63.120	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-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	-89.84	2.94	-1,039.58	1,039.59				
100.00	100.00	101.00	101.00	3.28	3.28	-89.84	2.94	-1,039.58	1,039.59	1,032.06	7.53	138.078	
200.00	200.00	201.00	201.00	3.31	3.31	-89.84	2.94	-1,039.58	1,039.59	1,032.01	7.57	137.253	
300.00	300.00	346.45	346.41	3.35	3.37	-89.86	2.57	-1,036.82	1,037.81	1,030.13	7.68	135.059	
400.00	400.00	501.82	501.37	3.42	3.50	-89.94	1.10	-1,025.85	1,030.75	1,022.90	7.85	131.225	
500.00	500.00	655.56	653.88	3.50	3.69	-90.08	-1.44	-1,006.82	1,018.37	1,010.28	8.09	125.921	
600.00	600.00	775.71	772.34	3.61	3.90	-90.24	-4.09	-986.91	1,001.68	993.33	8.35	119.965	
700.00	700.00	874.21	869.36	3.73	4.11	-90.37	-6.34	-970.06	984.58	975.94	8.63	114.023	
800.00	800.00	972.71	966.38	3.87	4.34	-90.52	-8.59	-953.20	967.48	958.53	8.95	108.066	
900.00	899.98	1,071.49	1,063.68	4.02	4.59	-177.36	-10.85	-936.30	952.11	942.83	9.29	102.543	
1,000.00	999.84	1,170.74	1,161.44	4.17	4.86	-177.23	-13.12	-919.32	940.20	930.57	9.63	97.597	
1,100.00	1,099.45	1,270.36	1,259.56	4.33	5.14	-177.11	-15.39	-902.28	931.77	921.75	10.01	93.071	
1,200.00	1,198.70	1,370.21	1,357.92	4.52	5.44	-177.00	-17.67	-885.19	926.81	916.40	10.41	88.991	
1,292.05	1,289.64	1,462.24	1,448.56	4.72	5.72	-176.90	-19.77	-869.45	925.33	914.52	10.81	85.598	
1,300.00	1,297.47	1,470.18	1,456.39	4.73	5.75	-176.89	-19.95	-868.09	925.34	914.50	10.85	85.324	
1,400.00	1,395.82	1,570.16	1,554.87	4.97	6.07	-176.79	-22.24	-850.98	926.33	915.03	11.30	81.987	
1,500.00	1,494.16	1,670.14	1,653.35	5.23	6.39	-176.69	-24.52	-833.87	927.42	915.65	11.77	78.793	
1,600.00	1,592.50	1,770.13	1,751.83	5.51	6.73	-176.59	-26.80	-816.77	928.50	916.24	12.26	75.744	
1,700.00	1,690.83	1,870.11	1,850.31	5.79	6.96	-176.49	-29.09	-799.66	929.59	917.09	12.50	74.389	
1,800.00	1,789.17	1,970.09	1,948.79	6.10	7.04	-176.39	-31.37	-782.55	930.68	917.89	12.79	72.756	
1,900.00	1,887.51	2,070.07	2,047.27	6.26	7.09	-176.29	-33.65	-765.45	931.78	919.04	12.74	73.141	
2,000.00	1,985.85	2,170.05	2,145.75	6.30	7.16	-176.19	-35.94	-748.34	932.87	920.07	12.80	72.873	
2,100.00	2,084.19	2,270.03	2,244.23	6.35	7.24	-176.09	-38.22	-731.23	933.97	921.08	12.90	72.425	
2,200.00	2,182.53	2,370.01	2,342.71	6.43	7.34	-175.99	-40.50	-714.13	935.08	922.05	13.02	71.808	
2,300.00	2,280.86	2,469.99	2,441.19	6.52	7.45	-175.89	-42.79	-697.02	936.18	923.00	13.18	71.035	
2,400.00	2,379.20	2,569.97	2,539.67	6.63	7.58	-175.79	-45.07	-679.91	937.29	923.92	13.37	70.124	
2,500.00	2,477.54	2,669.95	2,638.15	6.75	7.72	-175.69	-47.35	-662.81	938.40	924.82	13.58	69.093	
2,600.00	2,575.88	2,769.93	2,736.63	6.89	7.87	-175.60	-49.64	-645.70	939.52	925.69	13.82	67.960	
2,700.00	2,674.22	2,869.92	2,835.11	7.05	8.03	-175.50	-51.92	-628.59	940.63	926.54	14.09	66.745	
2,800.00	2,772.55	2,969.90	2,933.59	7.21	8.21	-175.40	-54.20	-611.49	941.75	927.37	14.39	65.464	
2,900.00	2,870.89	3,069.88	3,032.07	7.39	8.39	-175.30	-56.49	-594.38	942.87	928.17	14.70	64.135	
3,000.00	2,969.23	3,169.86	3,130.55	7.59	8.59	-175.21	-58.77	-577.27	944.00	928.96	15.04	62.774	
3,100.00	3,067.57	3,269.84	3,229.03	7.79	8.79	-175.11	-61.05	-560.17	945.13	929.73	15.39	61.392	
3,200.00	3,165.91	3,369.82	3,327.51	8.00	9.00	-175.01	-63.34	-543.06	946.26	930.49	15.77	60.003	
3,300.00	3,264.25	3,469.80	3,425.99	8.22	9.22	-174.92	-65.62	-525.95	947.39	931.23	16.16	58.616	
3,400.00	3,362.58	3,569.78	3,524.47	8.46	9.45	-174.82	-67.90	-508.85	948.52	931.95	16.57	57.240	
3,500.00	3,460.92	3,669.76	3,622.95	8.69	9.69	-174.72	-70.18	-491.74	949.66	932.67	16.99	55.882	
3,600.00	3,559.26	3,769.74	3,721.43	8.94	9.93	-174.63	-72.47	-474.63	950.80	933.37	17.43	54.548	
3,700.00	3,657.60	3,869.72	3,819.91	9.19	10.17	-174.53	-74.75	-457.53	951.95	934.07	17.88	53.241	
3,800.00	3,755.94	3,969.71	3,918.39	9.45	10.43	-174.44	-77.03	-440.42	953.09	934.75	18.34	51.965	
3,900.00	3,854.27	4,069.69	4,016.87	9.72	10.68	-174.34	-79.32	-423.31	954.24	935.43	18.81	50.723	
4,000.00	3,952.61	4,169.67	4,115.35	9.99	10.94	-174.25	-81.60	-406.21	955.39	936.10	19.29	49.515	
4,100.00	4,050.95	4,269.65	4,213.83	10.26	11.21	-174.15	-83.88	-389.10	956.55	936.76	19.79	48.345	
4,200.00	4,149.29	4,369.63	4,312.31	10.54	11.48	-174.06	-86.17	-371.99	957.70	937.42	20.29	47.211	
4,300.00	4,247.63	4,469.61	4,410.79	10.82	11.76	-173.97	-88.45	-354.89	958.86	938.07	20.79	46.114	
4,400.00	4,345.97	4,569.59	4,509.27	11.11	12.03	-173.87	-90.73	-337.78	960.02	938.72	21.31	45.054	
4,500.00	4,444.30	4,669.57	4,607.75	11.40	12.31	-173.78	-93.02	-320.67	961.19	939.36	21.83	44.030	
4,600.00	4,542.64	4,769.55	4,706.23	11.69	12.60	-173.69	-95.30	-303.57	962.36	940.00	22.36	43.042	
4,700.00	4,640.98	4,869.53	4,804.71	11.99	12.89	-173.59	-97.58	-286.46	963.53	940.63	22.89	42.088	
4,800.00	4,739.32	4,969.51	4,903.19	12.29	13.18	-173.50	-99.87	-269.35	964.70	941.26	23.43	41.169	
4,900.00	4,837.66	5,069.50	5,001.67	12.59	13.47	-173.41	-102.15	-252.25	965.87	941.89	23.98	40.282	
5,000.00	4,936.00	5,169.48	5,100.15	12.89	13.76	-173.31	-104.43	-235.14	967.05	942.52	24.53	39.427	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,269.46	5,198.63	13.20	14.06	173.22	-106.72	-218.03	968.23	943.15	25.08	38.603	
5,200.00	5,132.67	5,369.44	5,297.11	13.51	14.36	173.13	-109.00	-200.93	969.41	943.77	25.64	37.808	
5,300.00	5,231.01	5,469.42	5,395.59	13.82	14.66	173.04	-111.28	-183.82	970.59	944.39	26.20	37.041	
5,400.00	5,329.35	5,569.40	5,494.07	14.13	14.96	172.95	-113.57	-166.71	971.78	945.01	26.77	36.302	
5,500.00	5,427.69	5,669.38	5,592.55	14.44	15.27	172.86	-115.85	-149.61	972.97	945.63	27.34	35.589	
5,600.00	5,526.02	5,769.36	5,691.03	14.76	15.57	172.76	-118.13	-132.50	974.16	946.25	27.91	34.901	
5,700.00	5,624.36	5,869.34	5,789.51	15.08	15.88	172.67	-120.42	-115.39	975.36	946.87	28.49	34.238	
5,800.00	5,722.70	5,969.32	5,887.99	15.39	16.19	172.58	-122.70	-98.29	976.55	947.49	29.07	33.597	
5,900.00	5,821.04	6,069.30	5,986.47	15.71	16.50	172.49	-124.98	-81.18	977.75	948.10	29.65	32.978	
6,000.00	5,919.38	6,169.29	6,084.95	16.03	16.81	172.40	-127.27	-64.07	978.96	948.72	30.23	32.380	
6,100.00	6,017.72	6,269.27	6,183.43	16.35	17.12	172.31	-129.55	-46.97	980.16	949.34	30.82	31.803	
6,200.00	6,116.05	6,369.25	6,281.91	16.68	17.44	172.22	-131.83	-29.86	981.37	949.96	31.41	31.245	
6,300.00	6,214.39	7,885.78	7,126.67	17.00	28.95	144.23	-146.45	955.35	918.30	889.37	28.93	31.747	
6,400.00	6,312.73	7,903.48	7,126.59	17.33	29.17	141.16	-146.34	973.05	820.62	791.27	29.34	27.965	
6,500.00	6,411.07	7,921.18	7,126.51	17.65	29.40	137.57	-146.24	990.75	723.14	693.33	29.81	24.259	
6,600.00	6,509.41	7,938.88	7,126.43	17.98	29.63	133.36	-146.13	1,008.45	625.96	595.62	30.34	20.632	
6,700.00	6,608.03	7,954.77	7,126.36	18.27	29.84	112.71	-146.03	1,024.33	528.97	497.99	30.97	17.079	
6,800.00	6,707.89	7,957.11	7,126.35	18.44	29.87	-96.79	-146.02	1,026.68	431.65	399.92	31.73	13.603	
6,900.00	6,806.95	7,943.80	7,126.41	18.53	29.70	-120.98	-146.10	1,013.37	336.73	303.92	32.81	10.263	
7,000.00	6,902.79	7,915.17	7,126.53	18.56	29.33	-126.29	-146.27	984.74	248.10	213.41	34.69	7.152	
7,100.00	6,993.03	7,871.93	7,126.73	18.55	28.78	-121.49	-146.53	941.50	171.92	133.46	38.45	4.471	
7,200.00	7,075.46	7,815.13	7,126.98	18.51	28.06	-106.47	-146.88	884.70	120.65	76.10	44.55	2.708	
7,267.15	7,125.40	7,770.06	7,127.18	18.50	27.51	-90.57	-147.15	839.63	109.86	63.44	46.42	2.367 CC, ES, SF	
7,300.00	7,148.05	7,746.17	7,127.29	18.49	27.22	-81.91	-147.29	815.74	112.16	66.52	45.64	2.458	
7,400.00	7,209.00	7,666.76	7,127.64	18.51	26.28	-58.19	-147.77	736.33	137.96	97.40	40.57	3.401	
7,500.00	7,256.83	7,580.04	7,128.00	18.59	25.28	-43.43	-148.29	649.62	171.14	134.25	36.89	4.639	
7,600.00	7,290.34	7,505.42	7,123.27	18.76	24.46	-35.60	-148.62	575.19	203.20	168.00	35.20	5.772	
7,700.00	7,308.73	7,432.99	7,110.38	19.02	23.68	-30.25	-148.73	503.96	234.05	199.49	34.56	6.772	
7,800.00	7,311.63	7,362.31	7,090.08	19.37	22.95	-26.64	-148.64	436.29	262.31	227.77	34.54	7.594	
7,900.00	7,308.36	7,295.37	7,064.07	19.85	22.30	-24.41	-148.38	374.65	295.20	260.38	34.82	8.478	
8,000.00	7,305.09	7,234.15	7,034.72	20.46	21.74	-22.22	-147.98	320.95	337.29	302.06	35.23	9.575	
8,100.00	7,301.83	7,178.93	7,003.94	21.18	21.26	-20.24	-147.51	275.12	387.62	351.92	35.70	10.858	
8,200.00	7,298.56	7,129.58	6,973.17	22.01	20.86	-18.55	-146.99	236.56	445.09	408.92	36.17	12.306	
8,300.00	7,295.30	7,085.71	6,943.38	22.93	20.53	-17.13	-146.46	204.38	508.64	472.04	36.60	13.899	
8,400.00	7,292.03	7,050.00	6,917.54	23.93	20.27	-16.04	-145.98	179.74	577.29	540.31	36.99	15.609	
8,500.00	7,288.76	7,012.33	6,888.83	25.01	20.02	-14.97	-145.43	155.37	650.17	612.90	37.27	17.443	
8,600.00	7,285.50	6,981.73	6,864.48	26.14	19.83	-14.15	-144.95	136.85	726.62	689.09	37.53	19.362	
8,700.00	7,282.23	6,950.00	6,838.32	27.34	19.63	-13.36	-144.42	118.90	806.06	768.33	37.73	21.366	
8,800.00	7,278.96	6,930.21	6,821.57	28.58	19.52	-12.89	-144.08	108.38	887.93	850.02	37.90	23.428	
8,900.00	7,275.70	6,900.00	6,795.38	29.86	19.35	-12.21	-143.54	93.33	972.01	933.97	38.04	25.553	
9,000.00	7,272.43	6,900.00	6,795.38	31.18	19.35	-12.21	-143.54	93.33	1,057.84	1,019.72	38.13	27.746	
9,100.00	7,269.17	6,871.30	6,769.87	32.54	19.20	-11.60	-143.00	80.20	1,144.97	1,106.74	38.23	29.949	
9,200.00	7,265.90	6,850.00	6,750.56	33.92	19.09	-11.18	-142.58	71.20	1,233.58	1,195.27	38.31	32.196	
9,300.00	7,262.63	6,850.00	6,750.56	35.33	19.09	-11.18	-142.58	71.20	1,323.34	1,285.01	38.33	34.521	
9,400.00	7,259.37	6,827.66	6,730.01	36.76	18.99	-10.76	-142.14	62.47	1,413.91	1,375.50	38.41	36.810	
9,500.00	7,256.10	6,800.00	6,704.15	38.21	18.86	-10.26	-141.57	52.66	1,505.68	1,467.18	38.51	39.103	
9,600.00	7,252.84	6,800.00	6,704.15	39.67	18.86	-10.26	-141.57	52.66	1,597.68	1,559.18	38.50	41.494	
9,700.00	7,249.57	6,800.00	6,704.15	41.16	18.86	-10.26	-141.57	52.66	1,690.58	1,652.09	38.50	43.913	
9,800.00	7,246.30	6,800.00	6,704.15	42.65	18.86	-10.26	-141.57	52.66	1,784.26	1,745.77	38.49	46.357	
9,900.00	7,243.04	6,776.23	6,681.61	44.16	18.77	-9.86	-141.07	45.14	1,877.99	1,839.41	38.58	48.681	
10,000.00	7,239.77	6,768.17	6,673.90	45.68	18.73	-9.73	-140.89	42.78	1,972.41	1,933.81	38.60	51.095	
10,100.00	7,236.50	6,750.00	6,656.43	47.21	18.66	-9.44	-140.50	37.82	2,067.36	2,028.69	38.67	53.460	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	6,750.00	6,656.43	48.75	18.66	-9.44	-140.50	37.82	2,162.45	2,123.79	38.67	55.927	
10,300.00	7,229.97	6,750.00	6,656.43	50.30	18.66	-9.44	-140.50	37.82	2,257.97	2,219.31	38.66	58.404	
10,400.00	7,226.71	6,750.00	6,656.43	51.86	18.66	-9.44	-140.50	37.82	2,353.85	2,315.20	38.66	60.888	
10,500.00	7,223.44	6,750.00	6,656.43	53.42	18.66	-9.44	-140.50	37.82	2,450.07	2,411.41	38.66	63.377	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.84	2.94	-1,019.54	1,019.54				
100.00	100.00	100.00	100.00	3.28	3.28	-89.84	2.94	-1,019.54	1,019.54	1,012.01	7.53	135.418	
200.00	200.00	200.00	200.00	3.31	3.31	-89.84	2.94	-1,019.54	1,019.54	1,011.97	7.57	134.612	
300.00	300.00	351.10	351.03	3.35	3.38	-89.90	1.70	-1,015.75	1,017.03	1,009.34	7.68	132.343	
400.00	400.00	501.35	500.80	3.42	3.50	-90.11	-1.96	-1,004.48	1,009.52	1,001.67	7.85	128.556	
500.00	500.00	649.97	648.12	3.50	3.69	-90.46	-7.96	-986.00	997.09	989.01	8.08	123.340	
600.00	600.00	761.74	758.31	3.61	3.89	-90.81	-13.76	-968.17	981.12	972.78	8.34	117.586	
700.00	700.00	860.28	855.41	3.73	4.09	-91.14	-18.94	-952.21	965.00	956.37	8.63	111.786	
800.00	800.00	958.82	952.52	3.87	4.32	-91.48	-24.13	-936.26	948.91	939.95	8.96	105.959	
900.00	899.98	1,057.63	1,049.88	4.02	4.57	176.20	-29.32	-920.27	934.58	925.28	9.29	100.552	
1,000.00	999.84	1,156.89	1,147.69	4.17	4.84	175.88	-34.54	-904.20	923.73	914.08	9.65	95.712	
1,100.00	1,099.45	1,256.47	1,245.82	4.33	5.12	175.56	-39.78	-888.08	916.38	906.34	10.04	91.289	
1,200.00	1,198.70	1,356.27	1,344.16	4.52	5.42	175.26	-45.03	-871.93	912.53	902.08	10.45	87.315	
1,259.77	1,257.80	1,415.97	1,402.99	4.65	5.60	175.08	-48.17	-862.26	911.91	901.19	10.71	85.117	
1,300.00	1,297.47	1,456.15	1,442.59	4.73	5.73	174.96	-50.29	-855.76	912.19	901.30	10.89	83.741	
1,400.00	1,395.82	1,556.03	1,541.00	4.97	6.05	174.68	-55.54	-839.59	914.32	902.96	11.36	80.501	
1,500.00	1,494.16	1,655.90	1,639.42	5.23	6.37	174.40	-60.79	-823.42	916.56	904.72	11.84	77.402	
1,600.00	1,592.50	1,755.77	1,737.84	5.51	6.70	174.12	-66.05	-807.25	918.82	906.48	12.34	74.443	
1,700.00	1,690.83	1,855.65	1,836.25	5.79	6.96	173.84	-71.30	-791.09	921.11	908.50	12.61	73.039	
1,800.00	1,789.17	1,955.52	1,934.67	6.10	7.06	173.56	-76.56	-774.92	923.42	910.48	12.93	71.400	
1,900.00	1,887.51	2,055.39	2,033.08	6.26	7.11	173.28	-81.81	-758.75	925.74	912.86	12.89	71.836	
2,000.00	1,985.85	2,155.27	2,131.50	6.30	7.17	173.01	-87.06	-742.59	928.09	915.14	12.95	71.647	
2,100.00	2,084.19	2,255.14	2,229.92	6.35	7.25	172.74	-92.32	-726.42	930.47	917.41	13.05	71.280	
2,200.00	2,182.53	2,355.02	2,328.33	6.43	7.35	172.46	-97.57	-710.25	932.86	919.67	13.19	70.747	
2,300.00	2,280.86	2,454.89	2,426.75	6.52	7.46	172.19	-102.82	-694.08	935.27	921.92	13.35	70.062	
2,400.00	2,379.20	2,554.76	2,525.17	6.63	7.58	171.93	-108.08	-677.92	937.70	924.16	13.54	69.239	
2,500.00	2,477.54	2,654.64	2,623.58	6.75	7.72	171.66	-113.33	-661.75	940.16	926.39	13.77	68.296	
2,600.00	2,575.88	2,754.51	2,722.00	6.89	7.87	171.39	-118.59	-645.58	942.63	928.62	14.02	67.252	
2,700.00	2,674.22	2,854.38	2,820.41	7.05	8.03	171.13	-123.84	-629.42	945.13	930.84	14.29	66.124	
2,800.00	2,772.55	2,954.26	2,918.83	7.21	8.20	170.86	-129.09	-613.25	947.64	933.05	14.59	64.930	
2,900.00	2,870.89	3,054.13	3,017.25	7.39	8.39	170.60	-134.35	-597.08	950.18	935.26	14.92	63.687	
3,000.00	2,969.23	3,154.00	3,115.66	7.59	8.58	170.34	-139.60	-580.91	952.73	937.47	15.27	62.408	
3,100.00	3,067.57	3,253.88	3,214.08	7.79	8.78	170.08	-144.86	-564.75	955.31	939.67	15.63	61.108	
3,200.00	3,165.91	3,353.75	3,312.50	8.00	8.99	169.82	-150.11	-548.58	957.90	941.88	16.02	59.798	
3,300.00	3,264.25	3,453.63	3,410.91	8.22	9.21	169.57	-155.36	-532.41	960.51	944.09	16.42	58.488	
3,400.00	3,362.58	3,553.50	3,509.33	8.46	9.44	169.31	-160.62	-516.24	963.15	946.30	16.84	57.186	
3,500.00	3,460.92	3,653.37	3,607.74	8.69	9.67	169.06	-165.87	-500.08	965.80	948.52	17.28	55.899	
3,600.00	3,559.26	3,753.25	3,706.16	8.94	9.91	168.81	-171.12	-483.91	968.47	950.74	17.73	54.633	
3,700.00	3,657.60	3,853.12	3,804.58	9.19	10.15	168.56	-176.38	-467.74	971.16	952.97	18.19	53.393	
3,800.00	3,755.94	3,952.99	3,902.99	9.45	10.40	168.31	-181.63	-451.58	973.86	955.20	18.66	52.181	
3,900.00	3,854.27	4,052.87	4,001.41	9.72	10.66	168.06	-186.89	-435.41	976.59	957.44	19.15	51.000	
4,000.00	3,952.61	4,152.74	4,099.83	9.99	10.92	167.81	-192.14	-419.24	979.33	959.69	19.64	49.852	
4,100.00	4,050.95	4,252.61	4,198.24	10.26	11.19	167.57	-197.39	-403.07	982.10	961.95	20.15	48.738	
4,200.00	4,149.29	4,352.49	4,296.66	10.54	11.46	167.32	-202.65	-386.91	984.88	964.21	20.67	47.659	
4,300.00	4,247.63	4,452.36	4,395.07	10.82	11.73	167.08	-207.90	-370.74	987.67	966.48	21.19	46.614	
4,400.00	4,345.97	4,552.23	4,493.49	11.11	12.01	166.84	-213.15	-354.57	990.49	968.77	21.72	45.605	
4,500.00	4,444.30	4,652.11	4,591.91	11.40	12.29	166.60	-218.41	-338.41	993.32	971.06	22.26	44.630	
4,600.00	4,542.64	4,751.98	4,690.32	11.69	12.57	166.36	-223.66	-322.24	996.17	973.37	22.80	43.688	
4,700.00	4,640.98	4,851.86	4,788.74	11.99	12.86	166.13	-228.92	-306.07	999.04	975.68	23.35	42.780	
4,800.00	4,739.32	4,951.73	4,887.16	12.29	13.15	165.89	-234.17	-289.90	1,001.92	978.01	23.91	41.904	
4,900.00	4,837.66	5,051.60	4,985.57	12.59	13.44	165.66	-239.42	-273.74	1,004.82	980.35	24.47	41.060	
5,000.00	4,936.00	5,151.48	5,083.99	12.89	13.73	165.42	-244.68	-257.57	1,007.74	982.70	25.04	40.245	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,034.33	5,251.35	5,182.40	13.20	14.03	165.19	-249.93	-241.40	1,010.67	985.06	25.61	39.460		
5,200.00	5,132.67	5,351.22	5,280.82	13.51	14.33	164.96	-255.18	-225.24	1,013.62	987.44	26.19	38.703		
5,300.00	5,231.01	5,451.10	5,379.24	13.82	14.63	164.73	-260.44	-209.07	1,016.59	989.82	26.77	37.973		
5,400.00	5,329.35	5,550.97	5,477.65	14.13	14.93	164.50	-265.69	-192.90	1,019.57	992.22	27.36	37.270		
5,500.00	5,427.69	5,650.84	5,576.07	14.44	15.23	164.28	-270.95	-176.73	1,022.57	994.63	27.95	36.591		
5,600.00	5,526.02	5,750.72	5,674.49	14.76	15.54	164.05	-276.20	-160.57	1,025.59	997.05	28.54	35.937		
5,700.00	5,624.36	5,850.59	5,772.90	15.08	15.84	163.83	-281.45	-144.40	1,028.62	999.48	29.13	35.305		
5,800.00	5,722.70	5,950.47	5,871.32	15.39	16.15	163.61	-286.71	-128.23	1,031.67	1,001.93	29.73	34.696		
5,900.00	5,821.04	6,050.34	5,969.74	15.71	16.46	163.39	-291.96	-112.06	1,034.73	1,004.39	30.34	34.108		
6,000.00	5,919.38	6,150.21	6,068.15	16.03	16.77	163.17	-297.21	-95.90	1,037.80	1,006.86	30.94	33.540		
6,100.00	6,017.72	6,250.09	6,166.57	16.35	17.09	162.95	-302.47	-79.73	1,040.90	1,009.35	31.55	32.991		
6,200.00	6,116.05	6,349.96	6,264.98	16.68	17.40	162.73	-307.72	-63.56	1,044.00	1,011.84	32.16	32.461		
6,300.00	6,214.39	7,976.91	7,195.47	17.00	29.18	116.64	-356.76	955.58	1,033.07	1,002.30	30.78	33.568		
6,400.00	6,312.73	8,005.42	7,195.39	17.33	29.54	114.16	-356.74	973.26	939.88	908.27	31.61	29.732		
6,500.00	6,411.07	8,012.26	7,195.30	17.65	29.62	111.58	-356.73	990.93	847.88	815.41	32.47	26.113		
6,600.00	6,509.41	8,029.93	7,195.22	17.98	29.85	108.89	-356.71	1,008.61	757.49	723.89	33.60	22.546		
6,700.00	6,608.03	8,045.80	7,195.14	18.27	30.06	97.41	-356.69	1,024.47	669.13	634.13	35.00	19.119		
6,800.00	6,707.89	8,048.11	7,195.13	18.44	30.09	-89.31	-356.69	1,026.79	583.17	546.49	36.68	15.901		
6,900.00	6,806.95	8,034.78	7,195.20	18.53	29.91	-103.41	-356.71	1,013.45	503.13	464.44	38.69	13.004		
7,000.00	6,902.79	8,006.12	7,195.33	18.56	29.54	-107.97	-356.73	984.80	433.35	392.33	41.02	10.565		
7,100.00	6,993.03	7,962.85	7,195.54	18.55	29.00	-107.58	-356.78	941.52	378.31	334.91	43.39	8.718		
7,200.00	7,075.46	7,906.02	7,195.81	18.51	28.29	-103.41	-356.83	884.70	341.43	296.23	45.20	7.553		
7,300.00	7,148.05	7,837.05	7,196.14	18.49	27.46	-96.49	-356.90	815.72	323.23	277.39	45.84	7.051		
7,374.76	7,194.80	7,778.55	7,196.41	18.50	26.77	-90.35	-356.96	757.22	319.82	274.32	45.50	7.029 CC, ES, SF		
7,400.00	7,209.00	7,757.61	7,196.51	18.51	26.53	-88.24	-356.98	736.29	320.13	274.87	45.26	7.073		
7,500.00	7,256.83	7,669.68	7,196.93	18.59	25.54	-80.40	-357.06	648.36	325.83	281.83	44.00	7.405		
7,600.00	7,290.34	7,584.12	7,193.44	18.76	24.63	-74.17	-356.94	562.93	335.01	292.35	42.66	7.854		
7,700.00	7,308.73	7,502.83	7,179.73	19.02	23.78	-68.65	-356.27	482.85	346.45	305.04	41.41	8.367		
7,800.00	7,311.63	7,424.21	7,156.89	19.37	23.00	-63.92	-355.10	407.69	359.04	318.64	40.40	8.887		
7,900.00	7,308.36	7,350.00	7,127.00	19.85	22.31	-59.97	-353.55	339.83	376.32	336.74	39.59	9.506		
8,000.00	7,305.09	7,284.03	7,093.97	20.46	21.74	-55.83	-351.82	282.78	402.03	363.06	38.97	10.316		
8,100.00	7,301.83	7,224.98	7,059.54	21.18	21.26	-51.83	-350.02	234.87	436.92	398.35	38.57	11.328		
8,200.00	7,298.56	7,173.05	7,025.71	22.01	20.87	-48.22	-348.23	195.53	480.87	442.50	38.37	12.533		
8,300.00	7,295.30	7,127.60	6,993.56	22.93	20.55	-45.08	-346.54	163.46	533.14	494.82	38.32	13.912		
8,400.00	7,292.03	7,087.86	6,963.64	23.93	20.29	-42.40	-344.96	137.36	592.66	554.29	38.37	15.446		
8,500.00	7,288.76	7,050.00	6,933.68	25.01	20.05	-39.94	-343.37	114.29	658.31	619.86	38.45	17.122		
8,600.00	7,285.50	7,022.57	6,911.14	26.14	19.89	-38.22	-342.18	98.70	728.99	690.42	38.57	18.902		
8,700.00	7,282.23	7,000.00	6,892.11	27.34	19.76	-36.85	-341.17	86.62	803.88	765.21	38.67	20.787		
8,800.00	7,278.96	6,971.92	6,867.85	28.58	19.61	-35.21	-339.88	72.54	882.16	843.40	38.76	22.760		
8,900.00	7,275.70	6,950.00	6,848.50	29.86	19.49	-33.98	-338.85	62.30	963.29	924.45	38.84	24.804		
9,000.00	7,272.43	6,931.95	6,832.30	31.18	19.40	-33.00	-337.99	54.37	1,046.77	1,007.87	38.90	26.908		
9,100.00	7,269.17	6,915.06	6,816.95	32.54	19.32	-32.11	-337.17	47.38	1,132.20	1,093.25	38.95	29.065		
9,200.00	7,265.90	6,900.00	6,803.11	33.92	19.25	-31.34	-336.44	41.48	1,219.29	1,180.29	39.00	31.267		
9,300.00	7,262.63	6,900.00	6,803.11	35.33	19.25	-31.34	-336.44	41.48	1,307.99	1,268.99	38.99	33.543		
9,400.00	7,259.37	6,873.62	6,778.55	36.76	19.13	-30.04	-335.13	31.95	1,397.43	1,358.37	39.06	35.775		
9,500.00	7,256.10	6,850.00	6,756.24	38.21	19.03	-28.93	-333.94	24.30	1,488.28	1,449.16	39.12	38.042		
9,600.00	7,252.84	6,850.00	6,756.24	39.67	19.03	-28.93	-333.94	24.30	1,579.69	1,540.57	39.11	40.390		
9,700.00	7,249.57	6,850.00	6,756.24	41.16	19.03	-28.93	-333.94	24.30	1,672.07	1,632.98	39.10	42.768		
9,800.00	7,246.30	6,850.00	6,756.24	42.65	19.03	-28.93	-333.94	24.30	1,765.29	1,726.21	39.08	45.170		
9,900.00	7,243.04	6,825.44	6,732.76	44.16	18.93	-27.83	-332.69	17.22	1,858.58	1,819.43	39.16	47.464		
10,000.00	7,239.77	6,817.95	6,725.54	45.68	18.91	-27.51	-332.31	15.24	1,952.68	1,913.51	39.17	49.847		
10,100.00	7,236.50	6,800.00	6,708.16	47.21	18.84	-26.75	-331.38	10.85	2,047.36	2,008.13	39.23	52.188		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	6,800.00	6,708.16	48.75	18.84	-26.75	-331.38	10.85	2,142.22	2,102.99	39.22	54.617	
10,300.00	7,229.97	6,800.00	6,708.16	50.30	18.84	-26.75	-331.38	10.85	2,237.52	2,198.31	39.22	57.057	
10,400.00	7,226.71	6,800.00	6,708.16	51.86	18.84	-26.75	-331.38	10.85	2,333.22	2,294.01	39.21	59.504	
10,500.00	7,223.44	6,800.00	6,708.16	53.42	18.84	-26.75	-331.38	10.85	2,429.27	2,390.06	39.21	61.956	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	3.30	-1,079.67	1,079.68				
100.00	100.00	101.00	101.00	3.28	3.28	-89.82	3.30	-1,079.67	1,079.68	1,072.15	7.53	143.403	
200.00	200.00	201.00	201.00	3.31	3.31	-89.82	3.30	-1,079.67	1,079.68	1,072.10	7.57	142.546	
300.00	300.00	301.00	301.00	3.35	3.35	-89.82	3.30	-1,079.67	1,079.68	1,072.01	7.66	140.867	
400.00	400.00	401.00	401.00	3.42	3.42	-89.82	3.30	-1,079.67	1,079.68	1,071.88	7.80	138.455	
500.00	500.00	501.00	501.00	3.50	3.50	-89.82	3.30	-1,079.67	1,079.68	1,071.70	7.97	135.428	
600.00	600.00	601.00	601.00	3.61	3.61	-89.82	3.30	-1,079.67	1,079.68	1,071.49	8.18	131.918	
700.00	700.00	701.00	701.00	3.73	3.73	-89.82	3.30	-1,079.67	1,079.68	1,071.25	8.43	128.057	
800.00	800.00	801.00	801.00	3.87	3.87	-89.82	3.30	-1,079.67	1,079.68	1,070.97	8.71	123.970	
900.00	899.98	900.98	900.98	4.02	4.03	178.18	3.30	-1,079.67	1,081.42	1,072.42	9.01	120.084	
1,000.00	999.84	1,000.84	1,000.84	4.17	4.19	178.18	3.30	-1,079.67	1,086.65	1,077.33	9.32	116.588	
1,100.00	1,099.45	1,100.73	1,100.73	4.33	4.37	178.19	3.30	-1,079.67	1,095.36	1,085.70	9.66	113.374	
1,200.00	1,198.70	1,261.77	1,261.68	4.52	4.65	178.24	3.78	-1,075.13	1,104.74	1,094.64	10.10	109.334	
1,300.00	1,297.47	1,423.83	1,423.14	4.73	4.96	178.36	5.21	-1,061.49	1,112.02	1,101.46	10.55	105.359	
1,400.00	1,395.82	1,586.67	1,584.34	4.97	5.32	178.53	7.61	-1,038.66	1,116.12	1,105.09	11.02	101.258	
1,500.00	1,494.16	1,742.48	1,737.11	5.23	5.72	178.74	10.80	-1,008.34	1,114.70	1,103.19	11.50	96.895	
1,600.00	1,592.50	1,842.37	1,834.59	5.51	5.95	178.90	13.08	-986.64	1,111.07	1,099.33	11.74	94.632	
1,700.00	1,690.83	1,942.26	1,932.07	5.79	6.06	179.05	15.36	-964.93	1,107.46	1,095.41	12.05	91.898	
1,800.00	1,789.17	2,042.15	2,029.54	6.10	6.11	179.21	17.64	-943.23	1,103.85	1,091.53	12.32	89.600	
1,900.00	1,887.51	2,142.04	2,127.02	6.26	6.18	179.36	19.92	-921.52	1,100.25	1,087.97	12.28	89.603	
2,000.00	1,985.85	2,241.93	2,224.50	6.30	6.27	179.52	22.20	-899.82	1,096.66	1,084.30	12.36	88.720	
2,100.00	2,084.19	2,341.82	2,321.97	6.35	6.38	179.68	24.48	-878.11	1,093.08	1,080.60	12.48	87.603	
2,200.00	2,182.53	2,441.71	2,419.45	6.43	6.52	179.83	26.76	-856.41	1,089.50	1,076.88	12.63	86.277	
2,300.00	2,280.86	2,541.60	2,516.93	6.52	6.67	179.99	29.04	-834.71	1,085.94	1,073.13	12.81	84.766	
2,400.00	2,379.20	2,641.49	2,614.41	6.63	6.83	-179.84	31.32	-813.00	1,082.38	1,069.35	13.03	83.099	
2,500.00	2,477.54	2,741.38	2,711.88	6.75	7.02	-179.68	33.60	-791.30	1,078.83	1,065.56	13.27	81.306	
2,600.00	2,575.88	2,841.27	2,809.36	6.89	7.22	-179.52	35.88	-769.59	1,075.29	1,061.75	13.54	79.414	
2,700.00	2,674.22	2,941.16	2,906.84	7.05	7.43	-179.36	38.16	-747.89	1,071.76	1,057.92	13.84	77.450	
2,800.00	2,772.55	3,041.05	3,004.31	7.21	7.66	-179.19	40.44	-726.18	1,068.24	1,054.07	14.16	75.439	
2,900.00	2,870.89	3,140.94	3,101.79	7.39	7.89	-179.02	42.72	-704.48	1,064.72	1,050.22	14.51	73.402	
3,000.00	2,969.23	3,240.83	3,199.27	7.59	8.14	-178.86	45.00	-682.77	1,061.22	1,046.34	14.87	71.359	
3,100.00	3,067.57	3,340.72	3,296.74	7.79	8.40	-178.69	47.28	-661.07	1,057.72	1,042.46	15.26	69.324	
3,200.00	3,165.91	3,440.61	3,394.22	8.00	8.66	-178.52	49.56	-639.36	1,054.23	1,038.57	15.66	67.324	
3,300.00	3,264.25	3,540.51	3,491.70	8.22	8.94	-178.35	51.84	-617.66	1,050.76	1,034.68	16.08	65.345	
3,400.00	3,362.58	3,640.40	3,589.18	8.46	9.22	-178.18	54.12	-595.95	1,047.29	1,030.77	16.52	63.411	
3,500.00	3,460.92	3,740.29	3,686.65	8.69	9.51	-178.00	56.40	-574.25	1,043.83	1,026.86	16.97	61.525	
3,600.00	3,559.26	3,840.18	3,784.13	8.94	9.80	-177.83	58.68	-552.54	1,040.38	1,022.95	17.43	59.694	
3,700.00	3,657.60	3,940.07	3,881.61	9.19	10.10	-177.66	60.96	-530.84	1,036.94	1,019.04	17.90	57.919	
3,800.00	3,755.94	4,039.96	3,979.08	9.45	10.40	-177.48	63.24	-509.13	1,033.51	1,015.12	18.39	56.203	
3,900.00	3,854.27	4,139.85	4,076.56	9.72	10.71	-177.30	65.52	-487.43	1,030.09	1,011.21	18.88	54.546	
4,000.00	3,952.61	4,239.74	4,174.04	9.99	11.02	-177.12	67.80	-465.72	1,026.68	1,007.29	19.39	52.950	
4,100.00	4,050.95	4,339.63	4,271.52	10.26	11.34	-176.94	70.08	-444.02	1,023.28	1,003.38	19.90	51.412	
4,200.00	4,149.29	4,439.52	4,368.99	10.54	11.66	-176.76	72.36	-422.31	1,019.89	999.47	20.43	49.933	
4,300.00	4,247.63	4,539.41	4,466.47	10.82	11.98	-176.58	74.65	-400.61	1,016.51	995.56	20.95	48.512	
4,400.00	4,345.97	4,639.30	4,563.95	11.11	12.31	-176.40	76.93	-378.90	1,013.14	991.66	21.49	47.145	
4,500.00	4,444.30	4,739.19	4,661.42	11.40	12.64	-176.21	79.21	-357.20	1,009.79	987.75	22.03	45.833	
4,600.00	4,542.64	4,839.08	4,758.90	11.69	12.97	-176.03	81.49	-335.49	1,006.44	983.86	22.58	44.573	
4,700.00	4,640.98	4,938.97	4,858.38	11.99	13.31	-175.84	83.77	-313.79	1,003.10	979.97	23.13	43.363	
4,800.00	4,739.32	5,038.86	4,953.85	12.29	13.64	-175.65	86.05	-292.08	999.77	976.08	23.69	42.201	
4,900.00	4,837.66	5,138.75	5,051.33	12.59	13.98	-175.46	88.33	-270.38	996.46	972.21	24.25	41.085	
5,000.00	4,936.00	5,238.64	5,148.81	12.89	14.32	-175.27	90.61	-248.67	993.15	968.33	24.82	40.013	
5,100.00	5,034.33	5,338.53	5,246.29	13.20	14.66	-175.08	92.89	-226.97	989.86	964.47	25.39	38.983	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,132.67	5,438.42	5,343.76	13.51	15.01	-174.88	95.17	-205.26	986.58	960.61	25.97	37.993	
5,300.00	5,231.01	5,538.31	5,441.24	13.82	15.35	-174.69	97.45	-183.56	983.31	956.76	26.55	37.042	
5,400.00	5,329.35	5,638.20	5,538.72	14.13	15.70	-174.49	99.73	-161.85	980.05	952.92	27.13	36.128	
5,500.00	5,427.69	5,738.09	5,636.19	14.44	16.05	-174.29	102.01	-140.15	976.80	949.09	27.71	35.248	
5,600.00	5,526.02	5,837.98	5,733.67	14.76	16.40	-174.10	104.29	-118.44	973.56	945.26	28.30	34.401	
5,700.00	5,624.36	5,937.87	5,831.15	15.08	16.75	-173.90	106.57	-96.74	970.34	941.45	28.89	33.586	
5,800.00	5,722.70	6,037.76	5,928.63	15.39	17.10	-173.69	108.85	-75.03	967.13	937.64	29.48	32.801	
5,900.00	5,821.04	6,137.65	6,026.10	15.71	17.45	-173.49	111.13	-53.33	963.93	933.85	30.08	32.045	
6,000.00	5,919.38	6,237.55	6,123.58	16.03	17.80	-173.29	113.41	-31.62	960.74	930.06	30.68	31.317	
6,100.00	6,017.72	6,337.44	6,221.06	16.35	18.16	-173.08	115.69	-9.92	957.56	926.28	31.28	30.614	
6,200.00	6,116.05	7,743.97	6,991.70	16.68	29.88	-134.62	128.40	937.91	889.35	860.43	28.92	30.752	
6,300.00	6,214.39	7,761.63	6,991.61	17.00	30.11	-131.23	128.27	955.57	792.85	763.39	29.46	26.916	
6,400.00	6,312.73	7,779.29	6,991.52	17.33	30.34	-127.47	128.15	973.23	696.89	666.80	30.09	23.160	
6,500.00	6,411.07	7,803.05	6,991.43	17.65	30.66	-123.31	128.03	990.89	601.73	570.82	30.92	19.462	
6,600.00	6,509.41	7,814.61	6,991.35	17.98	30.81	-118.75	127.91	1,008.55	507.82	475.87	31.95	15.893	
6,700.00	6,608.03	7,830.46	6,991.27	18.27	31.03	-105.95	127.79	1,024.39	415.75	382.24	33.51	12.405	
6,800.00	6,707.89	7,832.76	6,991.26	18.44	31.06	101.39	127.78	1,026.70	326.57	290.63	35.94	9.086	
6,900.00	6,806.95	7,819.41	6,991.32	18.53	30.88	104.60	127.87	1,013.35	246.40	206.43	39.97	6.164	
7,000.00	6,902.79	7,809.26	6,991.46	18.56	30.74	101.61	128.07	984.68	186.95	140.93	46.01	4.063	
7,096.20	6,989.73	7,749.35	6,991.67	18.55	29.95	90.66	128.36	943.29	165.60	116.59	49.01	3.379 CC, ES, SF	
7,100.00	6,993.03	7,747.45	6,991.68	18.55	29.93	90.08	128.37	941.39	165.63	116.64	48.99	3.381	
7,200.00	7,075.46	7,709.39	6,991.96	18.51	29.43	72.47	128.77	884.55	186.35	140.63	45.72	4.076	
7,300.00	7,148.05	7,621.62	6,992.30	18.49	28.31	55.09	129.25	815.56	228.69	187.91	40.77	5.609	
7,400.00	7,209.00	7,542.17	6,992.70	18.51	27.32	42.48	129.81	736.12	274.00	236.42	37.58	7.291	
7,500.00	7,256.83	7,462.23	6,992.79	18.59	26.35	34.97	130.36	656.18	313.44	277.59	35.85	8.744	
7,600.00	7,290.34	7,400.00	6,988.16	18.76	25.61	30.62	130.67	594.15	348.45	313.10	35.35	9.858	
7,700.00	7,308.73	7,336.53	6,977.23	19.02	24.87	27.38	130.82	531.66	379.55	344.26	35.28	10.757	
7,800.00	7,311.63	7,275.02	6,960.74	19.37	24.17	25.14	130.82	472.42	406.09	370.52	35.57	11.417	
7,900.00	7,308.36	7,215.97	6,939.62	19.85	23.53	23.93	130.67	417.31	435.85	399.85	35.99	12.109	
8,000.00	7,305.09	7,160.99	6,915.44	20.46	22.95	22.64	130.40	367.94	473.73	437.27	36.46	12.994	
8,100.00	7,301.83	7,110.40	6,889.50	21.18	22.45	21.37	130.06	324.52	519.08	482.15	36.93	14.055	
8,200.00	7,298.56	7,064.25	6,862.90	22.01	22.02	20.19	129.65	286.82	571.13	533.74	37.39	15.276	
8,300.00	7,295.30	7,022.40	6,836.48	22.93	21.64	19.12	129.22	254.38	629.10	591.29	37.81	16.640	
8,400.00	7,292.03	6,984.61	6,810.84	23.93	21.33	18.16	128.77	226.63	692.22	654.04	38.18	18.132	
8,500.00	7,288.76	6,950.00	6,785.95	25.01	21.05	17.32	128.31	202.60	759.78	721.29	38.49	19.738	
8,600.00	7,285.50	6,919.80	6,763.19	26.14	20.82	16.60	127.88	182.76	831.17	792.40	38.77	21.439	
8,700.00	7,282.23	6,900.00	6,747.77	27.34	20.67	16.14	127.58	170.34	905.92	866.89	39.03	23.214	
8,800.00	7,278.96	6,867.07	6,721.29	28.58	20.45	15.40	127.05	150.78	983.32	944.13	39.18	25.094	
8,900.00	7,275.70	6,850.00	6,707.17	29.86	20.33	15.03	126.77	141.18	1,063.25	1,023.90	39.35	27.022	
9,000.00	7,272.43	6,823.87	6,685.08	31.18	20.17	14.48	126.31	127.24	1,145.19	1,105.72	39.47	29.015	
9,100.00	7,269.17	6,800.00	6,664.42	32.54	20.02	14.00	125.88	115.30	1,229.01	1,189.43	39.57	31.056	
9,200.00	7,265.90	6,800.00	6,664.42	33.92	20.02	14.00	125.88	115.30	1,314.48	1,274.83	39.65	33.150	
9,300.00	7,262.63	6,772.56	6,640.13	35.33	19.87	13.47	125.36	102.55	1,401.03	1,361.29	39.74	35.258	
9,400.00	7,259.37	6,750.00	6,619.77	36.76	19.74	13.04	124.92	92.85	1,489.00	1,449.19	39.81	37.402	
9,500.00	7,256.10	6,750.00	6,619.77	38.21	19.74	13.04	124.92	92.85	1,577.90	1,538.06	39.84	39.608	
9,600.00	7,252.84	6,733.05	6,604.25	39.67	19.66	12.74	124.58	86.04	1,667.74	1,627.85	39.89	41.804	
9,700.00	7,249.57	6,721.87	6,593.91	41.16	19.60	12.54	124.35	81.78	1,758.43	1,718.49	39.93	44.035	
9,800.00	7,246.30	6,700.00	6,573.49	42.65	19.49	12.17	123.90	73.97	1,849.98	1,809.98	40.00	46.251	
9,900.00	7,243.04	6,700.00	6,573.49	44.16	19.49	12.17	123.90	73.97	1,941.90	1,901.90	40.00	48.547	
10,000.00	7,239.77	6,700.00	6,573.49	45.68	19.49	12.17	123.90	73.97	2,034.58	1,994.58	40.00	50.866	
10,100.00	7,236.50	6,700.00	6,573.49	47.21	19.49	12.17	123.90	73.97	2,127.93	2,087.93	39.99	53.205	
10,200.00	7,233.24	6,676.84	6,551.58	48.75	19.39	11.79	123.40	66.47	2,221.31	2,181.24	40.08	55.428	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,229.97	6,669.54	6,544.63	50.30	19.36	11.67	123.25	64.28	2,315.36	2,275.26	40.10	57.740	
10,400.00	7,226.71	6,650.00	6,525.88	51.86	19.28	11.37	122.82	58.79	2,409.95	2,369.78	40.17	59.992	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-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	-89.81	3.67	-1,119.48	1,119.49				
100.00	100.00	102.00	102.00	3.28	3.28	-89.81	3.67	-1,119.48	1,119.49	1,111.96	7.53	148.689	
200.00	200.00	203.17	203.17	3.31	3.31	-89.81	3.67	-1,119.48	1,119.49	1,111.91	7.57	147.788	
300.00	300.00	361.31	361.22	3.35	3.39	-89.73	5.17	-1,115.20	1,116.78	1,109.09	7.69	145.148	
400.00	400.00	518.47	517.81	3.42	3.53	-89.51	9.52	-1,102.80	1,108.90	1,101.03	7.87	140.825	
500.00	500.00	673.73	671.57	3.50	3.74	-89.12	16.60	-1,082.61	1,095.93	1,087.81	8.12	134.974	
600.00	600.00	813.62	808.96	3.61	4.00	-88.63	25.31	-1,057.79	1,078.15	1,069.73	8.41	128.152	
700.00	700.00	911.51	904.77	3.73	4.23	-88.24	31.94	-1,038.89	1,058.97	1,050.26	8.71	121.536	
800.00	800.00	1,009.39	1,000.58	3.87	4.49	-87.83	38.57	-1,019.98	1,039.85	1,030.80	9.05	114.939	
900.00	899.98	1,107.59	1,096.70	4.02	4.77	-179.42	45.22	-1,001.02	1,022.50	1,013.10	9.40	108.815	
1,000.00	999.84	1,206.33	1,193.35	4.17	5.07	-178.99	51.91	-981.95	1,008.65	998.88	9.76	103.311	
1,100.00	1,099.45	1,305.49	1,290.42	4.33	5.39	-178.56	58.62	-962.80	998.32	988.16	10.16	98.248	
1,200.00	1,198.70	1,404.97	1,387.79	4.52	5.72	-178.13	65.36	-943.59	991.52	980.93	10.59	93.662	
1,300.00	1,297.47	1,504.62	1,485.33	4.73	6.06	-177.69	72.11	-924.34	988.27	977.23	11.04	89.528	
1,400.00	1,395.82	1,604.34	1,582.94	4.97	6.41	-177.26	78.87	-905.08	987.52	976.01	11.52	85.757	
1,500.00	1,494.16	1,704.06	1,680.55	5.23	6.77	-176.83	85.62	-885.82	986.93	974.92	12.01	82.160	
1,600.00	1,592.50	1,803.77	1,778.15	5.51	7.13	-176.39	92.38	-866.56	986.39	973.87	12.52	78.778	
1,700.00	1,690.83	1,903.49	1,875.76	5.79	7.33	-175.96	99.13	-847.30	985.91	973.18	12.73	77.430	
1,800.00	1,789.17	2,003.21	1,973.37	6.10	7.38	-175.52	105.89	-828.05	985.49	972.49	13.00	75.790	
1,900.00	1,887.51	2,102.93	2,070.97	6.26	7.45	-175.09	112.64	-808.79	985.12	972.16	12.97	75.979	
2,000.00	1,985.85	2,202.65	2,168.58	6.30	7.53	-174.65	119.39	-789.53	984.82	971.77	13.05	75.489	
2,100.00	2,084.19	2,302.36	2,266.19	6.35	7.63	-174.22	126.15	-770.27	984.56	971.40	13.16	74.820	
2,200.00	2,182.53	2,402.08	2,363.79	6.43	7.74	-173.78	132.90	-751.01	984.37	971.06	13.30	73.986	
2,300.00	2,280.86	2,501.80	2,461.40	6.52	7.87	-173.35	139.66	-731.75	984.23	970.75	13.48	73.006	
2,400.00	2,379.20	2,601.52	2,559.01	6.63	8.01	-172.91	146.41	-712.49	984.15	970.46	13.69	71.896	
2,490.22	2,467.93	2,691.48	2,647.07	6.74	8.15	-172.52	152.51	-695.12	984.13	970.23	13.90	70.795	
2,500.00	2,477.54	2,701.23	2,656.61	6.75	8.17	-172.47	153.17	-693.23	984.13	970.20	13.92	70.677	
2,600.00	2,575.88	2,800.95	2,754.22	6.89	8.34	-172.04	159.92	-673.98	984.16	969.97	14.19	69.369	
2,700.00	2,674.22	2,900.67	2,851.83	7.05	8.52	-171.60	166.68	-654.72	984.25	969.78	14.48	67.991	
2,800.00	2,772.55	3,000.39	2,949.44	7.21	8.71	-171.17	173.43	-635.46	984.40	969.61	14.79	66.561	
2,900.00	2,870.89	3,100.11	3,047.04	7.39	8.91	-170.73	180.19	-616.20	984.61	969.48	15.13	65.095	
3,000.00	2,969.23	3,199.82	3,144.65	7.59	9.13	-170.30	186.94	-596.94	984.87	969.39	15.48	63.609	
3,100.00	3,067.57	3,299.54	3,242.26	7.79	9.35	-169.86	193.70	-577.68	985.19	969.33	15.86	62.116	
3,200.00	3,165.91	3,399.26	3,339.86	8.00	9.58	-169.43	200.45	-558.42	985.57	969.31	16.26	60.626	
3,300.00	3,264.25	3,501.02	3,437.47	8.22	9.82	-168.99	207.21	-539.16	986.00	969.33	16.67	59.134	
3,400.00	3,362.58	3,601.31	3,535.08	8.46	10.07	-168.56	213.96	-519.91	986.49	969.39	17.10	57.674	
3,500.00	3,460.92	3,701.59	3,632.68	8.69	10.32	-168.12	220.71	-500.65	987.04	969.49	17.55	56.241	
3,600.00	3,559.26	3,801.87	3,730.29	8.94	10.58	-167.69	227.47	-481.39	987.65	969.64	18.01	54.840	
3,700.00	3,657.60	3,902.15	3,827.90	9.19	10.84	-167.26	234.22	-462.13	988.31	969.83	18.48	53.475	
3,800.00	3,755.94	4,002.43	3,925.50	9.45	11.12	-166.83	240.98	-442.87	989.03	970.06	18.97	52.148	
3,900.00	3,854.27	4,102.72	4,023.11	9.72	11.39	-166.40	247.73	-423.61	989.80	970.34	19.46	50.860	
4,000.00	3,952.61	4,203.00	4,120.72	9.99	11.67	-165.97	254.49	-404.35	990.63	970.67	19.97	49.614	
4,100.00	4,050.95	4,303.28	4,218.33	10.26	11.96	-165.54	261.24	-385.09	991.52	971.04	20.48	48.410	
4,200.00	4,149.29	4,396.44	4,315.93	10.54	12.23	-165.11	268.00	-365.84	992.46	971.48	20.99	47.290	
4,300.00	4,247.63	4,503.85	4,413.54	10.82	12.54	-164.68	274.75	-346.58	993.46	971.92	21.54	46.126	
4,400.00	4,345.97	4,595.87	4,511.15	11.11	12.81	-164.25	281.51	-327.32	994.52	972.46	22.06	45.091	
4,500.00	4,444.30	4,704.41	4,608.75	11.40	13.14	-163.83	288.26	-308.06	995.63	973.00	22.63	44.005	
4,600.00	4,542.64	4,804.69	4,706.36	11.69	13.44	-163.40	295.02	-288.80	996.79	973.61	23.18	43.003	
4,700.00	4,640.98	4,904.97	4,803.97	11.99	13.75	-162.98	301.77	-269.54	998.01	974.27	23.74	42.039	
4,800.00	4,739.32	5,005.26	4,901.57	12.29	14.05	-162.55	308.52	-250.28	999.29	974.98	24.31	41.112	
4,900.00	4,837.66	5,105.54	4,999.18	12.59	14.37	-162.13	315.28	-231.02	1,000.62	975.74	24.88	40.220	
5,000.00	4,936.00	5,194.18	5,096.79	12.89	14.64	-161.71	322.03	-211.77	1,002.00	976.58	25.42	39.414	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,034.33	5,293.90	5,194.39	13.20	14.96	-161.29	328.79	-192.51	1,003.44	977.44	26.00	38.590		
5,200.00	5,132.67	5,406.39	5,292.00	13.51	15.31	-160.87	335.54	-173.25	1,004.93	978.31	26.63	37.743		
5,300.00	5,231.01	5,506.67	5,389.61	13.82	15.63	-160.45	342.30	-153.99	1,006.48	979.26	27.22	36.980		
5,400.00	5,329.35	5,606.95	5,487.22	14.13	15.95	-160.04	349.05	-134.73	1,008.08	980.27	27.81	36.245		
5,500.00	5,427.69	5,707.23	5,584.82	14.44	16.28	-159.62	355.81	-115.47	1,009.74	981.32	28.41	35.538		
5,600.00	5,526.02	5,807.51	5,682.43	14.76	16.60	-159.21	362.56	-96.21	1,011.44	982.43	29.02	34.858		
5,700.00	5,624.36	5,892.20	5,780.04	15.08	16.88	-158.80	369.32	-76.95	1,013.20	983.62	29.58	34.257		
5,800.00	5,722.70	6,008.08	5,877.64	15.39	17.26	-158.39	376.07	-57.70	1,015.01	984.78	30.23	33.571		
5,900.00	5,821.04	6,108.36	5,975.25	15.71	17.59	-157.98	382.83	-38.44	1,016.88	986.03	30.85	32.964		
6,000.00	5,919.38	6,208.64	6,072.86	16.03	17.92	-157.57	389.58	-19.18	1,018.79	987.33	31.47	32.378		
6,100.00	6,017.72	6,291.07	6,170.46	16.35	18.19	-157.16	396.34	0.08	1,020.76	988.73	32.03	31.868		
6,200.00	6,116.05	6,390.79	6,268.07	16.68	18.52	-156.76	403.09	19.34	1,022.78	990.13	32.65	31.323		
6,300.00	6,214.39	6,509.49	6,365.68	17.00	18.92	-156.36	409.84	38.60	1,024.85	991.51	33.34	30.744		
6,400.00	6,312.73	7,880.48	7,127.92	17.33	29.94	-108.12	466.32	969.97	954.69	920.33	34.35	27.789		
6,500.00	6,411.07	7,901.79	7,127.84	17.65	30.21	-106.28	466.40	987.69	872.79	836.91	35.88	24.324		
6,600.00	6,509.41	7,915.93	7,127.76	17.98	30.39	-104.40	466.48	1,005.41	794.66	757.01	37.64	21.110		
6,700.00	6,608.03	7,931.83	7,127.70	18.27	30.60	-99.39	466.55	1,021.32	721.29	681.55	39.74	18.152		
6,800.00	6,707.89	7,934.20	7,127.69	18.44	30.63	97.93	466.57	1,023.68	653.75	611.79	41.96	15.579		
6,900.00	6,806.95	7,920.91	7,127.74	18.53	30.46	98.38	466.51	1,010.40	595.69	551.53	44.16	13.490		
7,000.00	6,902.79	7,907.70	7,127.87	18.56	30.29	99.24	466.38	981.78	550.63	504.43	46.20	11.918		
7,100.00	6,993.03	7,849.07	7,128.05	18.55	29.55	97.48	466.18	938.56	520.70	473.50	47.20	11.031		
7,200.00	7,075.46	7,807.72	7,128.29	18.51	29.03	93.46	465.93	881.77	505.81	458.16	47.66	10.614 SF		
7,272.80	7,129.38	7,743.20	7,128.50	18.50	28.24	89.54	465.71	832.69	503.02	455.89	47.13	10.673 CC, ES		
7,300.00	7,148.05	7,723.34	7,128.59	18.49	28.00	87.95	465.62	812.83	503.35	456.45	46.90	10.732		
7,400.00	7,209.00	7,643.94	7,128.93	18.51	27.06	81.96	465.26	733.43	509.02	463.21	45.81	11.111		
7,500.00	7,256.83	7,565.28	7,126.40	18.59	26.16	76.65	464.72	654.85	518.73	474.10	44.63	11.623		
7,600.00	7,290.34	7,491.31	7,115.46	18.76	25.32	71.82	463.62	581.74	531.07	487.52	43.55	12.195		
7,700.00	7,308.73	7,419.97	7,096.96	19.02	24.55	67.46	462.03	512.90	544.80	502.15	42.65	12.774		
7,800.00	7,311.63	7,350.00	7,071.47	19.37	23.82	63.71	459.98	447.81	558.81	516.84	41.97	13.315		
7,900.00	7,308.36	7,285.93	7,042.01	19.85	23.19	61.08	457.69	390.99	576.63	535.12	41.51	13.891		
8,000.00	7,305.09	7,227.57	7,010.34	20.46	22.66	58.33	455.30	342.06	601.60	560.40	41.20	14.603		
8,100.00	7,301.83	7,175.58	6,978.46	21.18	22.21	55.67	452.93	301.07	634.16	593.15	41.01	15.463		
8,200.00	7,298.56	7,129.54	6,947.53	22.01	21.84	53.21	450.65	267.06	674.33	633.40	40.93	16.476		
8,300.00	7,295.30	7,088.90	6,918.24	22.93	21.53	50.99	448.52	238.97	721.73	680.82	40.91	17.642		
8,400.00	7,292.03	7,050.00	6,888.60	23.93	21.26	48.85	446.38	213.89	775.75	734.84	40.91	18.963		
8,500.00	7,288.76	7,021.34	6,865.80	25.01	21.07	47.28	444.74	196.60	835.62	794.64	40.98	20.393		
8,600.00	7,285.50	7,000.00	6,848.34	26.14	20.93	46.12	443.49	184.40	900.67	859.62	41.05	21.941		
8,700.00	7,282.23	6,968.32	6,821.69	27.34	20.74	44.41	441.59	167.39	969.99	928.93	41.07	23.620		
8,800.00	7,278.96	6,950.00	6,805.90	28.58	20.63	43.44	440.47	158.17	1,043.14	1,002.03	41.11	25.374		
8,900.00	7,275.70	6,926.14	6,784.95	29.86	20.50	42.20	438.98	146.84	1,119.45	1,078.32	41.13	27.215		
9,000.00	7,272.43	6,900.00	6,761.53	31.18	20.36	40.87	437.33	135.35	1,198.57	1,157.42	41.15	29.129		
9,100.00	7,269.17	6,900.00	6,761.53	32.54	20.36	40.87	437.33	135.35	1,279.93	1,238.76	41.17	31.091		
9,200.00	7,265.90	6,877.42	6,740.94	33.92	20.25	39.74	435.88	126.21	1,363.20	1,322.03	41.18	33.106		
9,300.00	7,262.63	6,850.00	6,715.51	35.33	20.11	38.41	434.09	116.10	1,448.47	1,407.28	41.19	35.165		
9,400.00	7,259.37	6,850.00	6,715.51	36.76	20.11	38.41	434.09	116.10	1,534.79	1,493.60	41.18	37.269		
9,500.00	7,256.10	6,850.00	6,715.51	38.21	20.11	38.41	434.09	116.10	1,622.67	1,581.51	41.16	39.422		
9,600.00	7,252.84	6,830.64	6,697.31	39.67	20.03	37.50	432.82	109.62	1,711.50	1,670.32	41.18	41.566		
9,700.00	7,249.57	6,821.23	6,688.40	41.16	19.99	37.07	432.20	106.68	1,801.38	1,760.21	41.17	43.753		
9,800.00	7,246.30	6,800.00	6,668.13	42.65	19.90	36.10	430.79	100.52	1,892.28	1,851.09	41.19	45.935		
9,900.00	7,243.04	6,800.00	6,668.13	44.16	19.90	36.10	430.79	100.52	1,983.63	1,942.46	41.17	48.178		
10,000.00	7,239.77	6,800.00	6,668.13	45.68	19.90	36.10	430.79	100.52	2,075.78	2,034.63	41.15	50.443		
10,100.00	7,236.50	6,800.00	6,668.13	47.21	19.90	36.10	430.79	100.52	2,168.63	2,127.50	41.13	52.727		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	6,800.00	6,668.13	48.75	19.90	36.10	430.79	100.52	2,262.09	2,220.98	41.11	55.026	
10,300.00	7,229.97	6,777.55	6,646.49	50.30	19.82	35.11	429.28	94.75	2,355.59	2,314.43	41.16	57.230	
10,400.00	7,226.71	6,771.87	6,640.98	51.86	19.80	34.87	428.90	93.41	2,449.78	2,408.61	41.16	59.514	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	-89.83	3.30	-1,099.72	1,099.72				
100.00	100.00	102.00	102.00	3.28	3.28	-89.83	3.30	-1,099.72	1,099.72	1,092.19	7.53	146.063	
200.00	200.00	202.00	202.00	3.31	3.31	-89.83	3.30	-1,099.72	1,099.72	1,092.15	7.57	145.186	
300.00	300.00	327.92	327.90	3.35	3.37	-89.72	5.40	-1,098.91	1,099.23	1,091.55	7.68	143.185	
400.00	400.00	489.48	489.16	3.42	3.49	-89.51	9.30	-1,090.55	1,094.07	1,086.21	7.85	139.349	
500.00	500.00	649.56	648.23	3.50	3.68	-89.27	13.70	-1,073.32	1,083.32	1,075.24	8.09	133.953	
600.00	600.00	803.05	799.62	3.61	3.94	-88.99	18.40	-1,048.51	1,067.13	1,058.75	8.38	127.396	
700.00	700.00	901.26	896.07	3.73	4.15	-88.80	21.55	-1,030.27	1,048.61	1,039.95	8.66	121.017	
800.00	800.00	1,000.53	992.52	3.87	4.39	-88.60	24.70	-1,012.04	1,030.11	1,021.12	8.99	114.606	
900.00	899.98	1,102.02	1,089.26	4.02	4.66	-179.61	27.86	-993.75	1,013.34	1,004.01	9.33	108.610	
1,000.00	999.84	1,202.99	1,186.53	4.17	4.94	-179.83	31.03	-975.36	1,000.04	990.35	9.69	103.245	
1,100.00	1,099.45	1,303.55	1,284.18	4.33	5.24	-179.95	34.22	-956.90	990.21	980.14	10.07	98.330	
1,200.00	1,198.70	1,403.83	1,382.12	4.52	5.56	-179.73	37.42	-938.39	983.88	973.40	10.48	93.888	
1,300.00	1,297.47	1,503.95	1,480.21	4.73	5.88	-179.50	40.62	-919.84	981.05	970.14	10.91	89.890	
1,400.00	1,395.82	1,595.98	1,578.34	4.97	6.19	-179.28	43.83	-901.29	980.69	969.34	11.35	86.400	
1,500.00	1,494.16	1,695.90	1,676.48	5.23	6.53	-179.05	47.03	-882.74	980.44	968.62	11.83	82.904	
1,600.00	1,592.50	1,804.17	1,774.61	5.51	6.90	-178.83	50.23	-864.19	980.21	967.87	12.34	79.464	
1,700.00	1,690.83	1,904.25	1,872.75	5.79	7.08	-178.60	53.44	-845.63	979.99	967.46	12.53	78.206	
1,800.00	1,789.17	2,004.32	1,970.88	6.10	7.13	-178.38	56.64	-827.08	979.78	966.99	12.79	76.596	
1,900.00	1,887.51	2,104.40	2,069.02	6.26	7.19	-178.15	59.84	-808.53	979.59	966.85	12.74	76.865	
2,000.00	1,985.85	2,204.47	2,167.16	6.30	7.27	-177.93	63.05	-789.98	979.42	966.60	12.81	76.436	
2,100.00	2,084.19	2,304.55	2,265.29	6.35	7.36	-177.70	66.25	-771.42	979.26	966.34	12.92	75.822	
2,200.00	2,182.53	2,404.62	2,363.43	6.43	7.47	-177.47	69.46	-752.87	979.11	966.06	13.05	75.035	
2,300.00	2,280.86	2,504.70	2,461.56	6.52	7.59	-177.25	72.66	-734.32	978.98	965.77	13.21	74.093	
2,400.00	2,379.20	2,604.77	2,559.70	6.63	7.73	-177.02	75.86	-715.77	978.87	965.46	13.41	73.013	
2,500.00	2,477.54	2,704.84	2,657.83	6.75	7.88	-176.80	79.07	-697.21	978.77	965.14	13.63	71.816	
2,600.00	2,575.88	2,804.92	2,755.97	6.89	8.04	-176.57	82.27	-678.66	978.69	964.81	13.88	70.521	
2,700.00	2,674.22	2,895.01	2,854.11	7.05	8.20	-176.35	85.47	-660.11	978.62	964.48	14.14	69.223	
2,800.00	2,772.55	2,994.93	2,952.24	7.21	8.39	-176.12	88.68	-641.56	978.57	964.13	14.43	67.794	
2,900.00	2,870.89	3,105.14	3,050.38	7.39	8.60	-175.89	91.88	-623.01	978.53	963.76	14.77	66.244	
3,000.00	2,969.23	3,205.22	3,148.51	7.59	8.81	-175.67	95.08	-604.45	978.51	963.39	15.11	64.745	
3,097.24	3,064.85	3,308.05	3,243.94	7.78	9.03	-175.45	98.20	-586.41	978.50	963.02	15.48	63.230	
3,100.00	3,067.57	3,305.29	3,246.65	7.79	9.02	-175.44	98.29	-585.90	978.50	963.02	15.47	63.233	
3,200.00	3,165.91	3,394.63	3,344.78	8.00	9.22	-175.21	101.49	-567.35	978.51	962.67	15.83	61.804	
3,300.00	3,264.25	3,505.44	3,442.92	8.22	9.48	-174.99	104.70	-548.80	978.53	962.28	16.25	60.217	
3,400.00	3,362.58	3,605.52	3,541.06	8.46	9.71	-174.76	107.90	-530.24	978.57	961.91	16.66	58.732	
3,500.00	3,460.92	3,694.41	3,639.19	8.69	9.93	-174.54	111.10	-511.69	978.62	961.56	17.06	57.353	
3,600.00	3,559.26	3,805.67	3,737.33	8.94	10.21	-174.31	114.31	-493.14	978.69	961.16	17.53	55.838	
3,700.00	3,657.60	3,905.74	3,835.46	9.19	10.47	-174.08	117.51	-474.59	978.78	960.80	17.98	54.440	
3,800.00	3,755.94	4,005.82	3,933.60	9.45	10.73	-173.86	120.71	-456.03	978.88	960.43	18.44	53.078	
3,900.00	3,854.27	4,094.11	4,031.73	9.72	10.97	-173.63	123.92	-437.48	978.99	960.10	18.89	51.833	
4,000.00	3,952.61	4,205.97	4,129.87	9.99	11.27	-173.41	127.12	-418.93	979.12	959.72	19.40	50.472	
4,100.00	4,050.95	4,293.96	4,228.01	10.26	11.51	-173.18	130.33	-400.38	979.27	959.40	19.86	49.305	
4,200.00	4,149.29	4,406.11	4,326.14	10.54	11.82	-172.96	133.53	-381.83	979.43	959.03	20.39	48.029	
4,300.00	4,247.63	4,506.19	4,424.28	10.82	12.11	-172.73	136.73	-363.27	979.60	958.70	20.90	46.869	
4,400.00	4,345.97	4,606.26	4,522.41	11.11	12.40	-172.50	139.94	-344.72	979.79	958.38	21.42	45.749	
4,500.00	4,444.30	4,693.66	4,620.55	11.40	12.65	-172.28	143.14	-326.17	980.00	958.09	21.91	44.737	
4,600.00	4,542.64	4,793.59	4,718.68	11.69	12.94	-172.05	146.34	-307.62	980.22	957.79	22.43	43.694	
4,700.00	4,640.98	4,906.49	4,816.82	11.99	13.28	-171.83	149.55	-289.06	980.46	957.45	23.00	42.624	
4,800.00	4,739.32	5,006.56	4,914.96	12.29	13.58	-171.60	152.75	-270.51	980.71	957.17	23.54	41.658	
4,900.00	4,837.66	5,106.64	5,013.09	12.59	13.88	-171.38	155.96	-251.96	980.98	956.89	24.09	40.727	
5,000.00	4,936.00	5,206.71	5,111.23	12.89	14.18	-171.15	159.16	-233.41	981.26	956.62	24.64	39.829	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,034.33	5,306.79	5,209.36	13.20	14.49	-170.93	162.36	-214.85	981.55	956.36	25.19	38.965		
5,200.00	5,132.67	5,393.14	5,307.50	13.51	14.75	-170.70	165.57	-196.30	981.87	956.16	25.71	38.190		
5,300.00	5,231.01	5,506.94	5,405.63	13.82	15.10	-170.48	168.77	-177.75	982.19	955.88	26.31	37.331		
5,400.00	5,329.35	5,607.01	5,503.77	14.13	15.42	-170.25	171.97	-159.20	982.54	955.66	26.88	36.558		
5,500.00	5,427.69	5,707.09	5,601.91	14.44	15.73	-170.03	175.18	-140.64	982.89	955.45	27.45	35.813		
5,600.00	5,526.02	5,792.84	5,700.04	14.76	16.00	-169.81	178.38	-122.09	983.27	955.29	27.98	35.146		
5,700.00	5,624.36	5,907.24	5,798.18	15.08	16.36	-169.58	181.58	-103.54	983.65	955.06	28.59	34.402		
5,800.00	5,722.70	6,007.31	5,896.31	15.39	16.68	-169.36	184.79	-84.99	984.06	954.89	29.17	33.734		
5,900.00	5,821.04	6,107.38	5,994.45	15.71	17.00	-169.14	187.99	-66.44	984.47	954.72	29.75	33.089		
6,000.00	5,919.38	6,207.46	6,092.58	16.03	17.32	-168.91	191.20	-47.88	984.91	954.57	30.34	32.467		
6,100.00	6,017.72	6,307.53	6,190.72	16.35	17.64	-168.69	194.40	-29.33	985.35	954.43	30.92	31.866		
6,200.00	6,116.05	6,407.61	6,288.86	16.68	17.96	-168.47	197.60	-10.78	985.82	954.31	31.51	31.286		
6,300.00	6,214.39	6,492.32	6,386.99	17.00	18.24	-168.24	200.81	7.77	986.29	954.24	32.06	30.769		
6,400.00	6,312.73	7,944.10	7,197.75	17.33	29.56	-121.17	264.73	958.86	932.18	901.01	31.17	29.909		
6,500.00	6,411.07	7,961.73	7,197.67	17.65	29.79	-118.55	265.55	976.48	840.07	808.00	32.07	26.194		
6,600.00	6,509.41	7,979.37	7,197.59	17.98	30.01	-115.83	266.38	994.10	749.57	716.38	33.18	22.588		
6,700.00	6,608.03	8,004.80	7,197.51	18.27	30.34	-106.72	267.12	1,009.91	661.04	626.39	34.65	19.077		
6,800.00	6,707.89	8,002.50	7,197.50	18.44	30.31	97.97	267.23	1,012.21	574.47	538.16	36.31	15.822		
6,900.00	6,806.95	7,984.17	7,197.56	18.53	30.07	103.62	266.60	998.89	493.12	454.81	38.31	12.873		
7,000.00	6,902.79	7,955.54	7,197.70	18.56	29.71	107.38	265.26	970.29	421.12	380.43	40.69	10.349		
7,100.00	6,993.03	7,912.31	7,197.90	18.55	29.16	106.76	263.24	927.12	362.79	319.59	43.20	8.398		
7,200.00	7,075.46	7,855.55	7,198.16	18.51	28.45	102.39	260.59	870.42	321.71	276.45	45.25	7.109		
7,300.00	7,148.05	7,786.66	7,198.48	18.49	27.61	95.15	257.36	801.60	298.89	252.77	46.12	6.480		
7,400.00	7,209.00	7,707.33	7,198.85	18.51	26.67	86.44	253.65	722.36	291.31	245.68	45.64	6.383 ES, SF		
7,422.96	7,221.19	7,687.84	7,198.94	18.52	26.44	84.42	252.74	702.89	291.10	245.71	45.39	6.413 CC		
7,500.00	7,256.83	7,623.91	7,197.15	18.59	25.72	78.07	249.70	639.08	293.20	248.82	44.38	6.607		
7,600.00	7,290.34	7,545.08	7,186.29	18.76	24.83	70.32	245.78	561.16	301.51	258.56	42.94	7.021		
7,700.00	7,308.73	7,469.58	7,166.94	19.02	24.02	63.31	241.91	488.32	314.43	272.77	41.66	7.547		
7,800.00	7,311.63	7,396.69	7,140.19	19.37	23.27	57.35	238.09	420.67	330.07	289.35	40.71	8.107		
7,900.00	7,308.36	7,328.89	7,108.52	19.85	22.61	52.76	234.53	360.87	352.30	312.26	40.04	8.799		
8,000.00	7,305.09	7,268.26	7,074.94	20.46	22.07	48.33	231.37	310.51	384.80	345.23	39.57	9.725		
8,100.00	7,301.83	7,214.66	7,041.37	21.18	21.62	44.36	228.62	268.83	427.35	388.05	39.30	10.875		
8,200.00	7,298.56	7,167.55	7,009.07	22.01	21.25	40.95	226.24	234.64	478.97	439.80	39.17	12.228		
8,300.00	7,295.30	7,126.27	6,978.74	22.93	20.95	38.09	224.21	206.72	538.33	499.20	39.13	13.757		
8,400.00	7,292.03	7,090.07	6,950.70	23.93	20.70	35.70	222.47	183.90	604.11	564.98	39.14	15.436		
8,500.00	7,288.76	7,050.00	6,918.21	25.01	20.44	33.22	220.61	160.53	675.23	636.11	39.12	17.261		
8,600.00	7,285.50	7,030.26	6,901.67	26.14	20.32	32.06	219.71	149.79	750.39	711.20	39.19	19.149		
8,700.00	7,282.23	7,000.00	6,875.70	27.34	20.14	30.36	218.36	134.33	829.15	789.95	39.20	21.152		
8,800.00	7,278.96	6,983.46	6,861.20	28.58	20.05	29.48	217.65	126.40	910.66	871.44	39.23	23.216		
8,900.00	7,275.70	6,963.81	6,843.72	29.86	19.94	28.48	216.81	117.48	994.55	955.31	39.23	25.348		
9,000.00	7,272.43	6,950.00	6,831.26	31.18	19.87	27.79	216.24	111.53	1,080.38	1,041.15	39.23	27.537		
9,100.00	7,269.17	6,930.37	6,813.35	32.54	19.78	26.86	215.44	103.55	1,167.80	1,128.56	39.24	29.761		
9,200.00	7,265.90	6,916.06	6,800.13	33.92	19.71	26.20	214.87	98.08	1,256.61	1,217.37	39.24	32.026		
9,300.00	7,262.63	6,900.00	6,785.17	35.33	19.63	25.50	214.24	92.30	1,346.59	1,307.35	39.24	34.318		
9,400.00	7,259.37	6,900.00	6,785.17	36.76	19.63	25.50	214.24	92.30	1,437.63	1,398.43	39.20	36.675		
9,500.00	7,256.10	6,880.44	6,766.75	38.21	19.55	24.67	213.50	85.77	1,529.37	1,490.15	39.22	38.994		
9,600.00	7,252.84	6,870.54	6,757.34	39.67	19.51	24.26	213.13	82.68	1,621.94	1,582.72	39.22	41.360		
9,700.00	7,249.57	6,850.00	6,737.70	41.16	19.42	23.46	212.38	76.74	1,715.29	1,676.04	39.25	43.702		
9,800.00	7,246.30	6,850.00	6,737.70	42.65	19.42	23.46	212.38	76.74	1,808.95	1,769.73	39.22	46.127		
9,900.00	7,243.04	6,850.00	6,737.70	44.16	19.42	23.46	212.38	76.74	1,903.25	1,864.06	39.19	48.570		
10,000.00	7,239.77	6,850.00	6,737.70	45.68	19.42	23.46	212.38	76.74	1,998.10	1,958.94	39.16	51.028		
10,100.00	7,236.50	6,831.33	6,719.69	47.21	19.35	22.76	211.73	71.89	2,093.08	2,053.87	39.21	53.385		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	6,825.08	6,713.63	48.75	19.33	22.53	211.51	70.38	2,188.56	2,149.35	39.21	55.814	
10,300.00	7,229.97	6,819.25	6,707.95	50.30	19.31	22.32	211.31	69.03	2,284.35	2,245.13	39.22	58.248	
10,400.00	7,226.71	6,800.00	6,689.15	51.86	19.24	21.65	210.67	64.95	2,380.62	2,341.34	39.28	60.604	
10,500.00	7,223.44	6,800.00	6,689.15	53.42	19.24	21.65	210.67	64.95	2,476.84	2,437.57	39.27	63.071	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.81	4.04	-1,199.67	1,199.67				
100.00	100.00	103.00	103.00	3.28	3.28	-89.81	4.04	-1,199.67	1,199.67	1,192.14	7.53	159.336	
200.00	200.00	203.00	203.00	3.31	3.31	-89.81	4.04	-1,199.67	1,199.67	1,192.10	7.57	158.374	
300.00	300.00	304.38	304.38	3.35	3.35	-89.81	4.04	-1,199.66	1,199.67	1,192.00	7.67	156.484	
400.00	400.00	450.15	450.08	3.42	3.46	-89.68	6.62	-1,196.70	1,197.65	1,189.81	7.83	152.894	
500.00	500.00	595.15	594.63	3.50	3.61	-89.32	14.02	-1,188.22	1,191.83	1,183.77	8.06	147.956	
600.00	600.00	738.65	736.94	3.61	3.81	-88.73	26.07	-1,174.41	1,182.31	1,173.97	8.34	141.831	
700.00	700.00	879.97	876.01	3.73	4.07	-87.89	42.49	-1,155.58	1,169.23	1,160.55	8.68	134.763	
800.00	800.00	1,018.48	1,010.97	3.87	4.41	-86.82	62.95	-1,132.13	1,152.79	1,143.71	9.08	126.921	
900.00	899.98	1,150.28	1,137.85	4.02	4.82	-177.55	86.36	-1,105.28	1,134.97	1,125.43	9.54	119.018	
1,000.00	999.84	1,246.97	1,230.42	4.17	5.17	-176.55	104.75	-1,084.21	1,119.60	1,109.63	9.97	112.307	
1,100.00	1,099.45	1,344.17	1,323.46	4.33	5.54	-175.53	123.22	-1,063.03	1,108.05	1,097.61	10.45	106.078	
1,200.00	1,198.70	1,441.75	1,416.87	4.52	5.94	-174.50	141.77	-1,041.76	1,100.35	1,089.39	10.96	100.375	
1,300.00	1,297.47	1,539.60	1,510.54	4.73	6.36	-173.47	160.37	-1,020.44	1,096.49	1,084.97	11.52	95.212	
1,400.00	1,395.82	1,637.56	1,604.32	4.97	6.79	-172.45	179.00	-999.09	1,095.44	1,083.33	12.11	90.493	
1,500.00	1,494.16	1,735.53	1,698.10	5.23	7.23	-171.42	197.62	-977.73	1,094.85	1,082.13	12.72	86.057	
1,600.00	1,592.50	1,833.50	1,791.89	5.51	7.61	-170.39	216.25	-956.38	1,094.62	1,081.32	13.30	82.288	
1,611.39	1,603.70	1,844.66	1,802.57	5.54	7.64	-170.27	218.37	-953.95	1,094.62	1,081.44	13.18	83.022 CC	
1,700.00	1,690.83	1,931.47	1,885.67	5.79	7.81	-169.36	234.87	-935.03	1,094.76	1,081.21	13.56	80.758 ES	
1,800.00	1,789.17	2,029.44	1,979.45	6.10	7.89	-168.33	253.49	-913.68	1,095.27	1,081.39	13.89	78.873	
1,900.00	1,887.51	2,127.41	2,073.24	6.26	7.98	-167.31	272.12	-892.33	1,096.15	1,082.23	13.92	78.765	
2,000.00	1,985.85	2,225.38	2,167.02	6.30	8.10	-166.28	290.74	-870.98	1,097.39	1,083.32	14.07	78.008	
2,100.00	2,084.19	2,323.35	2,260.80	6.35	8.24	-165.26	309.37	-849.62	1,098.99	1,084.74	14.26	77.088	
2,200.00	2,182.53	2,421.32	2,354.59	6.43	8.40	-164.24	327.99	-828.27	1,100.96	1,086.48	14.48	76.026	
2,300.00	2,280.86	2,519.29	2,448.37	6.52	8.57	-163.23	346.62	-806.92	1,103.29	1,088.55	14.74	74.844	
2,400.00	2,379.20	2,617.26	2,542.15	6.63	8.77	-162.22	365.24	-785.57	1,105.98	1,090.94	15.03	73.564	
2,500.00	2,477.54	2,715.23	2,635.94	6.75	8.97	-161.21	383.86	-764.22	1,109.02	1,093.66	15.36	72.207	
2,600.00	2,575.88	2,813.20	2,729.72	6.89	9.20	-160.21	402.49	-742.87	1,112.42	1,096.70	15.71	70.794	
2,700.00	2,674.22	2,911.17	2,823.50	7.05	9.43	-159.22	421.11	-721.52	1,116.16	1,100.07	16.10	69.345	
2,800.00	2,772.55	3,009.14	2,917.29	7.21	9.68	-158.23	439.74	-700.16	1,120.26	1,103.75	16.50	67.876	
2,900.00	2,870.89	3,107.11	3,011.07	7.39	9.94	-157.25	458.36	-678.81	1,124.69	1,107.75	16.94	66.402	
3,000.00	2,969.23	3,205.08	3,104.86	7.59	10.21	-156.28	476.99	-657.46	1,129.46	1,112.07	17.39	64.937	
3,100.00	3,067.57	3,303.05	3,198.64	7.79	10.49	-155.32	495.61	-636.11	1,134.57	1,116.70	17.87	63.491	
3,200.00	3,165.91	3,401.02	3,292.42	8.00	10.78	-154.36	514.23	-614.76	1,140.01	1,121.64	18.37	62.070	
3,300.00	3,264.25	3,501.01	3,386.21	8.22	11.08	-153.42	532.86	-593.41	1,145.77	1,126.88	18.89	60.664	
3,400.00	3,362.58	3,603.04	3,479.99	8.46	11.40	-152.48	551.48	-572.06	1,151.85	1,132.42	19.43	59.279	
3,500.00	3,460.92	3,705.07	3,573.77	8.69	11.72	-151.55	570.11	-550.70	1,158.25	1,138.26	19.99	57.939	
3,600.00	3,559.26	3,792.90	3,667.56	8.94	12.01	-150.64	588.73	-529.35	1,164.96	1,144.44	20.52	56.772	
3,700.00	3,657.60	3,909.13	3,761.34	9.19	12.40	-149.73	607.35	-508.00	1,171.97	1,150.82	21.15	55.402	
3,800.00	3,755.94	3,988.84	3,855.12	9.45	12.67	-148.83	625.98	-486.65	1,179.28	1,157.60	21.68	54.394	
3,900.00	3,854.27	4,086.81	3,948.91	9.72	13.00	-147.95	644.60	-465.30	1,186.88	1,164.61	22.28	53.277	
4,000.00	3,952.61	4,184.78	4,042.69	9.99	13.34	-147.07	663.23	-443.95	1,194.78	1,171.89	22.89	52.207	
4,100.00	4,050.95	4,282.75	4,136.47	10.26	13.69	-146.21	681.85	-422.60	1,202.95	1,179.45	23.50	51.184	
4,200.00	4,149.29	4,380.72	4,230.26	10.54	14.04	-145.36	700.48	-401.24	1,211.40	1,187.28	24.13	50.206	
4,300.00	4,247.63	4,478.69	4,324.04	10.82	14.39	-144.52	719.10	-379.89	1,220.13	1,195.36	24.76	49.272	
4,400.00	4,345.97	4,576.66	4,417.83	11.11	14.75	-143.69	737.72	-358.54	1,229.11	1,203.71	25.40	48.382	
4,500.00	4,444.30	4,674.63	4,511.61	11.40	15.11	-142.88	756.35	-337.19	1,238.36	1,212.31	26.05	47.532	
4,600.00	4,542.64	4,772.60	4,605.39	11.69	15.47	-142.07	774.97	-315.84	1,247.86	1,221.15	26.71	46.722	
4,700.00	4,640.98	4,870.57	4,699.18	11.99	15.83	-141.28	793.60	-294.49	1,257.61	1,230.24	27.37	45.950	
4,800.00	4,739.32	4,968.54	4,792.96	12.29	16.20	-140.50	812.22	-273.14	1,267.60	1,239.56	28.04	45.213	
4,900.00	4,837.66	5,066.51	4,886.74	12.59	16.57	-139.73	830.85	-251.78	1,277.83	1,249.12	28.71	44.512	
5,000.00	4,936.00	5,164.48	4,980.53	12.89	16.95	-138.97	849.47	-230.43	1,288.28	1,258.90	29.38	43.843	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,034.33	5,262.45	5,074.31	13.20	17.32	-138.23	868.09	-209.08	1,298.97	1,268.90	30.06	43.206	
5,200.00	5,132.67	5,360.42	5,168.09	13.51	17.70	-137.50	886.72	-187.73	1,309.87	1,279.12	30.75	42.598	
5,300.00	5,231.01	5,458.39	5,261.88	13.82	18.08	-136.77	905.34	-166.38	1,320.99	1,289.55	31.44	42.019	
5,400.00	5,329.35	5,556.36	5,355.66	14.13	18.46	-136.07	923.97	-145.03	1,332.31	1,300.18	32.13	41.466	
5,500.00	5,427.69	5,654.33	5,449.44	14.44	18.84	-135.37	942.59	-123.68	1,343.84	1,311.02	32.83	40.939	
5,600.00	5,526.02	5,752.30	5,543.23	14.76	19.23	-134.68	961.22	-102.32	1,355.57	1,322.05	33.52	40.436	
5,700.00	5,624.36	5,850.27	5,637.01	15.08	19.61	-134.01	979.84	-80.97	1,367.49	1,333.27	34.23	39.955	
5,800.00	5,722.70	5,948.24	5,730.80	15.39	20.00	-133.35	998.46	-59.62	1,379.60	1,344.67	34.93	39.497	
5,900.00	5,821.04	6,046.21	5,824.58	15.71	20.39	-132.69	1,017.09	-38.27	1,391.89	1,356.26	35.64	39.059	
6,000.00	5,919.38	6,144.18	5,918.36	16.03	20.78	-132.05	1,035.71	-16.92	1,404.37	1,368.02	36.34	38.641	
6,100.00	6,017.72	6,242.15	6,012.15	16.35	21.17	-131.43	1,054.34	4.43	1,417.01	1,379.96	37.05	38.241	
6,200.00	6,116.05	6,340.12	6,105.93	16.68	21.56	-130.81	1,072.96	25.78	1,429.83	1,392.06	37.77	37.859	
6,300.00	6,214.39	6,438.09	6,199.71	17.00	21.95	-130.20	1,091.59	47.14	1,442.80	1,404.32	38.48	37.493	
6,400.00	6,312.73	6,536.06	6,293.50	17.33	22.34	-129.60	1,110.21	68.49	1,455.94	1,416.75	39.20	37.143	
6,500.00	6,411.07	6,634.03	6,387.28	17.65	22.74	-129.02	1,128.83	89.84	1,469.24	1,429.32	39.92	36.808	
6,600.00	6,509.41	6,732.00	6,481.06	17.98	23.13	-128.44	1,147.46	111.19	1,482.69	1,442.05	40.64	36.488	
6,700.00	6,608.03	6,830.30	6,753.36	18.27	33.83	-96.36	1,303.65	1,014.67	1,485.44	1,438.72	46.73	31.790	
6,800.00	6,707.89	8,109.25	7,253.37	18.44	33.86	96.48	1,303.66	1,017.62	1,445.59	1,397.69	47.90	30.181	
6,900.00	6,806.95	8,103.45	7,253.34	18.53	33.80	94.68	1,303.61	1,004.92	1,411.76	1,362.93	48.83	28.910	
7,000.00	6,902.79	8,068.51	7,253.30	18.56	33.39	95.44	1,303.49	976.88	1,384.85	1,335.58	49.26	28.110	
7,100.00	6,993.03	8,025.81	7,253.23	18.55	32.89	95.38	1,303.31	934.18	1,365.01	1,315.61	49.40	27.629	
7,200.00	7,075.46	7,969.51	7,253.13	18.51	32.25	94.49	1,303.07	877.89	1,351.74	1,302.53	49.21	27.469 SF	
7,300.00	7,148.05	7,901.00	7,253.02	18.49	31.48	93.01	1,302.79	809.37	1,343.94	1,295.20	48.74	27.576	
7,400.00	7,209.00	7,765.33	7,241.38	18.51	30.01	89.52	1,299.96	674.48	1,338.79	1,291.10	47.69	28.073	
7,500.00	7,256.83	7,645.94	7,208.29	18.59	28.77	86.33	1,292.97	560.16	1,333.68	1,286.97	46.71	28.552	
7,600.00	7,290.34	7,546.91	7,165.33	18.76	27.82	83.65	1,284.14	471.48	1,329.27	1,283.36	45.91	28.952	
7,700.00	7,308.73	7,460.60	7,117.28	19.02	27.05	81.32	1,274.36	400.54	1,325.72	1,280.42	45.30	29.267	
7,800.00	7,311.63	7,382.70	7,066.18	19.37	26.42	79.21	1,264.04	342.72	1,322.87	1,278.02	44.86	29.491	
7,858.00	7,309.73	7,342.67	7,037.32	19.65	26.12	77.97	1,258.22	315.60	1,322.20	1,277.48	44.72	29.566	
7,900.00	7,308.36	7,316.72	7,017.74	19.85	25.93	77.13	1,254.29	299.03	1,322.59	1,277.94	44.65	29.622	
8,000.00	7,305.09	7,263.68	6,975.75	20.46	25.57	75.32	1,245.87	267.77	1,326.94	1,282.28	44.66	29.712	
8,100.00	7,301.83	7,220.66	6,939.91	21.18	25.30	73.77	1,238.69	245.11	1,336.68	1,291.84	44.84	29.811	
8,200.00	7,298.56	7,185.38	6,909.44	22.01	25.10	72.46	1,232.60	228.39	1,352.25	1,307.11	45.14	29.958	
8,300.00	7,295.30	7,150.00	6,878.03	22.93	24.90	71.11	1,226.34	213.38	1,373.83	1,328.35	45.48	30.209	
8,400.00	7,292.03	7,131.46	6,861.25	23.93	24.81	70.39	1,222.99	206.24	1,401.34	1,355.40	45.94	30.504	
8,500.00	7,288.76	7,110.55	6,842.09	25.01	24.70	69.57	1,219.17	198.78	1,434.70	1,388.32	46.38	30.933	
8,600.00	7,285.50	7,100.00	6,832.34	26.14	24.65	69.15	1,217.23	195.26	1,473.64	1,426.79	46.85	31.452	
8,700.00	7,282.23	7,077.03	6,810.91	27.34	24.55	68.24	1,212.97	188.17	1,517.74	1,470.49	47.25	32.123	
8,800.00	7,278.96	7,063.43	6,798.12	28.58	24.49	67.70	1,210.42	184.35	1,566.71	1,519.07	47.65	32.881	
8,900.00	7,275.70	7,050.00	6,785.39	29.86	24.43	67.17	1,207.90	180.84	1,620.16	1,572.14	48.01	33.745	
9,000.00	7,272.43	7,040.84	6,776.68	31.18	24.39	66.80	1,206.16	178.61	1,677.67	1,629.31	48.36	34.693	
9,100.00	7,269.17	7,028.85	6,765.04	32.54	24.34	66.31	1,203.85	175.84	1,738.88	1,690.23	48.66	35.738	
9,200.00	7,265.90	7,011.51	6,748.63	33.92	24.27	65.62	1,200.59	172.11	1,803.38	1,754.47	48.91	36.870	
9,300.00	7,262.63	6,986.73	6,724.91	35.33	24.17	64.64	1,195.88	166.71	1,870.69	1,821.57	49.12	38.083	
9,400.00	7,259.37	6,961.94	6,701.18	36.76	24.07	63.66	1,191.17	161.30	1,940.50	1,891.19	49.31	39.354	
9,500.00	7,256.10	6,937.16	6,677.46	38.21	23.97	62.69	1,186.46	155.90	2,012.55	1,963.07	49.48	40.675	
9,600.00	7,252.84	6,912.37	6,653.73	39.67	23.87	61.74	1,181.75	150.50	2,086.62	2,036.99	49.63	42.043	
9,700.00	7,249.57	6,887.59	6,630.00	41.16	23.76	60.79	1,177.04	145.10	2,162.49	2,112.72	49.77	43.452	
9,800.00	7,246.30	6,862.80	6,606.28	42.65	23.66	59.85	1,172.32	139.70	2,239.98	2,190.09	49.89	44.897	
9,900.00	7,243.04	6,838.02	6,582.55	44.16	23.56	58.92	1,167.61	134.30	2,318.93	2,268.92	50.00	46.375	
10,000.00	7,239.77	6,813.23	6,558.83	45.68	23.46	58.00	1,162.90	128.89	2,399.19	2,349.08	50.11	47.882	
10,100.00	7,236.50	6,788.45	6,535.10	47.21	23.36	57.09	1,158.19	123.49	2,480.64	2,430.44	50.20	49.415	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	-89.79	4.40	-1,219.43	1,219.44				
100.00	100.00	103.00	103.00	3.28	3.28	-89.79	4.40	-1,219.43	1,219.44	1,211.91	7.53	161.962	
200.00	200.00	204.40	204.40	3.31	3.31	-89.79	4.40	-1,219.43	1,219.44	1,211.86	7.58	160.974	
300.00	300.00	350.90	350.83	3.35	3.38	-89.67	7.03	-1,216.46	1,217.42	1,209.72	7.69	158.289	
400.00	400.00	496.61	496.08	3.42	3.51	-89.31	14.56	-1,207.93	1,211.60	1,203.73	7.87	153.993	
500.00	500.00	640.80	639.06	3.50	3.69	-88.71	26.81	-1,194.06	1,202.09	1,193.98	8.11	148.225	
600.00	600.00	782.77	778.76	3.61	3.94	-87.88	43.50	-1,175.16	1,189.02	1,180.60	8.42	141.236	
700.00	700.00	921.91	914.29	3.73	4.27	-86.80	64.29	-1,151.61	1,172.60	1,163.80	8.80	133.218	
800.00	800.00	1,057.65	1,044.89	3.87	4.69	-85.49	88.75	-1,123.92	1,153.08	1,143.81	9.26	124.462	
900.00	899.98	1,161.52	1,143.88	4.02	5.07	-176.34	109.59	-1,100.31	1,133.40	1,123.68	9.72	116.632	
1,000.00	999.84	1,257.80	1,235.58	4.17	5.46	-175.27	129.00	-1,078.34	1,117.49	1,107.30	10.19	109.699	
1,100.00	1,099.45	1,354.61	1,327.79	4.33	5.87	-174.18	148.52	-1,056.24	1,105.45	1,094.75	10.70	103.303	
1,200.00	1,198.70	1,451.84	1,420.40	4.52	6.31	-173.08	168.12	-1,034.04	1,097.30	1,086.05	11.25	97.516	
1,300.00	1,297.47	1,549.37	1,513.30	4.73	6.76	-171.99	187.78	-1,011.78	1,093.04	1,081.20	11.84	92.281	
1,400.00	1,395.82	1,647.04	1,606.34	4.97	7.22	-170.89	207.46	-989.49	1,091.64	1,079.17	12.47	87.539	
1,500.00	1,494.16	1,744.73	1,699.38	5.23	7.69	-169.79	227.16	-967.19	1,090.75	1,077.62	13.12	83.110	
1,600.00	1,592.50	1,842.41	1,792.42	5.51	8.08	-168.70	246.85	-944.89	1,090.27	1,076.55	13.72	79.470	
1,662.77	1,654.22	1,903.72	1,850.82	5.69	8.25	-168.01	259.20	-930.90	1,090.19	1,076.33	13.86	78.680 CC	
1,700.00	1,690.83	1,940.09	1,885.46	5.79	8.27	-167.60	266.54	-922.59	1,090.22	1,076.24	13.98	77.993 ES	
1,800.00	1,789.17	2,037.77	1,978.51	6.10	8.36	-166.50	286.23	-900.30	1,090.58	1,076.26	14.32	76.135	
1,900.00	1,887.51	2,135.45	2,071.55	6.26	8.46	-165.40	305.92	-878.00	1,091.37	1,077.00	14.37	75.948	
2,000.00	1,985.85	2,233.13	2,164.59	6.30	8.59	-164.30	325.61	-855.70	1,092.58	1,078.04	14.54	75.160	
2,100.00	2,084.19	2,330.81	2,257.63	6.35	8.74	-163.21	345.30	-833.40	1,094.20	1,079.46	14.74	74.228	
2,200.00	2,182.53	2,428.49	2,350.67	6.43	8.90	-162.12	364.99	-811.11	1,096.24	1,081.26	14.98	73.172	
2,300.00	2,280.86	2,526.18	2,443.71	6.52	9.08	-161.04	384.68	-788.81	1,098.69	1,083.43	15.26	72.013	
2,400.00	2,379.20	2,623.86	2,536.76	6.63	9.28	-159.96	404.37	-766.51	1,101.56	1,085.99	15.57	70.769	
2,500.00	2,477.54	2,721.54	2,629.80	6.75	9.50	-158.88	424.06	-744.21	1,104.83	1,088.92	15.91	69.462	
2,600.00	2,575.88	2,819.22	2,722.84	6.89	9.73	-157.81	443.75	-721.92	1,108.50	1,092.23	16.28	68.110	
2,700.00	2,674.22	2,916.90	2,815.88	7.05	9.97	-156.75	463.44	-699.62	1,112.58	1,095.90	16.67	66.731	
2,800.00	2,772.55	3,014.58	2,908.92	7.21	10.22	-155.70	483.13	-677.32	1,117.05	1,099.95	17.10	65.339	
2,900.00	2,870.89	3,112.26	3,001.96	7.39	10.49	-154.65	502.82	-655.02	1,121.91	1,104.36	17.54	63.948	
3,000.00	2,969.23	3,209.94	3,095.01	7.59	10.77	-153.62	522.51	-632.73	1,127.15	1,109.14	18.01	62.573	
3,100.00	3,067.57	3,307.63	3,188.05	7.79	11.06	-152.59	542.20	-610.43	1,132.78	1,114.28	18.51	61.212	
3,200.00	3,165.91	3,405.31	3,281.09	8.00	11.35	-151.58	561.89	-588.13	1,138.78	1,119.77	19.02	59.884	
3,300.00	3,264.25	3,502.99	3,374.13	8.22	11.66	-150.57	581.58	-565.83	1,145.15	1,125.61	19.55	58.590	
3,400.00	3,362.58	3,600.67	3,467.17	8.46	11.97	-149.57	601.27	-543.54	1,151.89	1,131.80	20.09	57.335	
3,500.00	3,460.92	3,698.35	3,560.21	8.69	12.29	-148.59	620.96	-521.24	1,158.98	1,138.33	20.65	56.123	
3,600.00	3,559.26	3,803.97	3,653.25	8.94	12.65	-147.62	640.65	-498.94	1,166.42	1,145.17	21.25	54.885	
3,700.00	3,657.60	3,906.29	3,746.30	9.19	13.00	-146.66	660.35	-476.65	1,174.20	1,152.35	21.86	53.725	
3,800.00	3,755.94	4,008.61	3,839.34	9.45	13.35	-145.71	680.04	-454.35	1,182.32	1,159.85	22.47	52.613	
3,900.00	3,854.27	4,089.08	3,932.38	9.72	13.64	-144.78	699.73	-432.05	1,190.77	1,167.75	23.02	51.721	
4,000.00	3,952.61	4,186.76	4,025.42	9.99	13.99	-143.86	719.42	-409.75	1,199.54	1,175.90	23.64	50.735	
4,100.00	4,050.95	4,284.44	4,118.46	10.26	14.34	-142.95	739.11	-387.46	1,208.63	1,184.36	24.27	49.793	
4,200.00	4,149.29	4,382.12	4,211.50	10.54	14.70	-142.05	758.80	-365.16	1,218.03	1,193.12	24.91	48.894	
4,300.00	4,247.63	4,479.80	4,304.55	10.82	15.06	-141.17	778.49	-342.86	1,227.72	1,202.17	25.56	48.037	
4,400.00	4,345.97	4,577.48	4,397.59	11.11	15.43	-140.30	798.18	-320.56	1,237.72	1,211.51	26.21	47.220	
4,500.00	4,444.30	4,675.16	4,490.63	11.40	15.80	-139.45	817.87	-298.27	1,248.00	1,221.12	26.87	46.443	
4,600.00	4,542.64	4,772.84	4,583.67	11.69	16.17	-138.61	837.56	-275.97	1,258.56	1,231.02	27.54	45.702	
4,700.00	4,640.98	4,870.53	4,676.71	11.99	16.55	-137.78	857.25	-253.67	1,269.39	1,241.18	28.21	44.997	
4,800.00	4,739.32	4,968.21	4,769.75	12.29	16.93	-136.97	876.94	-231.37	1,280.49	1,251.60	28.89	44.326	
4,900.00	4,837.66	5,065.89	4,862.80	12.59	17.31	-136.17	896.63	-209.08	1,291.85	1,262.28	29.57	43.688	
5,000.00	4,936.00	5,163.57	4,955.84	12.89	17.69	-135.38	916.32	-186.78	1,303.46	1,273.20	30.26	43.080	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,261.25	5,048.88	13.20	18.07	-134.61	936.01	-164.48	1,315.32	1,284.37	30.95	42.501	
5,200.00	5,132.67	5,358.93	5,141.92	13.51	18.46	-133.85	955.70	-142.18	1,327.41	1,295.77	31.64	41.950	
5,300.00	5,231.01	5,456.61	5,234.96	13.82	18.85	-133.10	975.39	-119.89	1,339.74	1,307.40	32.34	41.426	
5,400.00	5,329.35	5,554.29	5,328.00	14.13	19.24	-132.37	995.08	-97.59	1,352.30	1,319.26	33.04	40.926	
5,500.00	5,427.69	5,651.98	5,421.05	14.44	19.64	-131.65	1,014.77	-75.29	1,365.08	1,331.33	33.75	40.450	
5,600.00	5,526.02	5,749.66	5,514.09	14.76	20.03	-130.94	1,034.46	-52.99	1,378.07	1,343.61	34.45	39.997	
5,700.00	5,624.36	5,847.34	5,607.13	15.08	20.43	-130.25	1,054.15	-30.70	1,391.27	1,356.10	35.16	39.565	
5,800.00	5,722.70	5,945.02	5,700.17	15.39	20.83	-129.57	1,073.84	-8.40	1,404.67	1,368.79	35.88	39.152	
5,900.00	5,821.04	6,042.70	5,793.21	15.71	21.23	-128.90	1,093.53	13.90	1,418.27	1,381.67	36.59	38.759	
6,000.00	5,919.38	6,140.38	5,886.25	16.03	21.63	-128.24	1,113.23	36.19	1,432.06	1,394.75	37.31	38.384	
6,100.00	6,017.72	6,238.06	5,979.29	16.35	22.03	-127.60	1,132.92	58.49	1,446.03	1,408.00	38.03	38.026	
6,200.00	6,116.05	6,335.74	6,072.34	16.68	22.43	-126.97	1,152.61	80.79	1,460.18	1,421.44	38.75	37.685	
6,300.00	6,214.39	6,433.43	6,165.38	17.00	22.83	-126.35	1,172.30	103.09	1,474.51	1,435.04	39.47	37.358	
6,400.00	6,312.73	6,531.11	6,258.42	17.33	23.24	-125.74	1,191.99	125.38	1,489.01	1,448.82	40.19	37.046	
6,500.00	6,411.07	7,808.79	6,969.56	17.65	33.35	-96.33	1,345.96	981.96	1,488.00	1,441.56	46.44	32.039	
6,600.00	6,509.41	7,826.69	6,969.52	17.98	33.57	-95.61	1,346.04	999.86	1,454.82	1,406.98	47.84	30.408	
6,700.00	6,608.03	7,842.78	6,969.48	18.27	33.76	-94.97	1,346.11	1,015.95	1,427.57	1,378.44	49.13	29.055	
6,800.00	6,707.89	7,845.32	6,969.47	18.44	33.79	95.89	1,346.12	1,018.50	1,406.37	1,356.32	50.05	28.099	
6,900.00	6,806.95	7,832.22	6,969.50	18.53	33.64	92.17	1,346.06	1,005.39	1,391.96	1,341.39	50.57	27.526	
7,000.00	6,902.79	7,803.78	6,969.57	18.56	33.30	91.11	1,345.93	976.96	1,384.45	1,333.78	50.67	27.322 SF	
7,070.45	6,967.08	7,774.91	6,969.64	18.55	32.96	89.96	1,345.80	948.09	1,383.01	1,332.49	50.51	27.379	
7,100.00	6,993.03	7,760.72	6,969.68	18.55	32.80	89.37	1,345.74	933.90	1,383.24	1,332.84	50.40	27.445	
7,200.00	7,075.46	7,704.09	6,969.82	18.51	32.15	86.97	1,345.48	877.26	1,387.07	1,337.27	49.80	27.850	
7,300.00	7,148.05	7,635.28	6,969.98	18.49	31.38	84.21	1,345.17	808.45	1,394.26	1,345.26	48.99	28.458	
7,400.00	7,209.00	7,550.49	6,965.53	18.51	30.45	81.14	1,343.80	723.85	1,402.77	1,354.76	48.00	29.222	
7,500.00	7,256.83	7,471.15	6,951.47	18.59	29.60	78.32	1,340.45	645.90	1,411.34	1,364.26	47.07	29.981	
7,600.00	7,290.34	7,396.80	6,929.78	18.76	28.83	75.79	1,335.53	574.99	1,419.40	1,373.14	46.26	30.681	
7,700.00	7,308.73	7,326.17	6,901.81	19.02	28.13	73.57	1,329.32	510.48	1,426.42	1,380.81	45.61	31.277	
7,800.00	7,311.63	7,258.44	6,868.59	19.37	27.49	71.72	1,322.03	451.95	1,431.88	1,386.77	45.11	31.743	
7,900.00	7,308.36	7,196.69	6,833.14	19.85	26.94	70.33	1,314.32	402.00	1,438.57	1,393.75	44.82	32.098	
8,000.00	7,305.09	7,142.79	6,798.45	20.46	26.50	68.98	1,306.81	361.46	1,448.94	1,404.22	44.72	32.398	
8,100.00	7,301.83	7,100.00	6,768.60	21.18	26.16	67.81	1,300.38	331.50	1,463.53	1,418.70	44.83	32.649	
8,200.00	7,298.56	7,050.00	6,731.31	22.01	25.80	66.36	1,292.37	299.18	1,482.68	1,437.72	44.96	32.981	
8,300.00	7,295.30	7,020.07	6,707.84	22.93	25.59	65.46	1,287.34	281.31	1,506.57	1,461.27	45.30	33.255	
8,400.00	7,292.03	6,989.28	6,682.87	23.93	25.39	64.49	1,282.00	264.11	1,535.34	1,489.66	45.68	33.614	
8,500.00	7,288.76	6,962.31	6,660.34	25.01	25.22	63.63	1,277.19	250.08	1,568.92	1,522.83	46.09	34.038	
8,600.00	7,285.50	6,950.00	6,649.87	26.14	25.14	63.23	1,274.96	244.01	1,607.28	1,560.68	46.60	34.492	
8,700.00	7,282.23	6,917.57	6,621.76	27.34	24.95	62.17	1,268.96	229.00	1,649.97	1,602.99	46.98	35.121	
8,800.00	7,278.96	6,900.00	6,606.23	28.58	24.85	61.58	1,265.66	221.49	1,697.03	1,649.60	47.42	35.785	
8,900.00	7,275.70	6,882.22	6,590.30	29.86	24.76	60.99	1,262.27	214.33	1,748.09	1,700.25	47.84	36.537	
9,000.00	7,272.43	6,867.24	6,576.75	31.18	24.68	60.48	1,259.39	208.66	1,802.90	1,754.65	48.25	37.367	
9,100.00	7,269.17	6,850.00	6,560.98	32.54	24.59	59.90	1,256.04	202.54	1,861.17	1,812.56	48.61	38.286	
9,200.00	7,265.90	6,850.00	6,560.98	33.92	24.59	59.90	1,256.04	202.54	1,922.67	1,873.65	49.01	39.229	
9,300.00	7,262.63	6,830.40	6,542.87	35.33	24.50	59.23	1,252.20	196.11	1,986.98	1,937.67	49.31	40.295	
9,400.00	7,259.37	6,820.26	6,533.42	36.76	24.46	58.89	1,250.19	193.01	2,054.03	2,004.42	49.61	41.402	
9,500.00	7,256.10	6,800.00	6,514.42	38.21	24.36	58.19	1,246.17	187.28	2,123.62	2,073.77	49.85	42.596	
9,600.00	7,252.84	6,800.00	6,514.42	39.67	24.36	58.19	1,246.17	187.28	2,195.25	2,145.12	50.13	43.789	
9,700.00	7,249.57	6,800.00	6,514.42	41.16	24.36	58.19	1,246.17	187.28	2,269.02	2,218.64	50.38	45.036	
9,800.00	7,246.30	6,787.30	6,502.41	42.65	24.31	57.76	1,243.62	184.00	2,344.61	2,294.03	50.58	46.354	
9,900.00	7,243.04	6,774.09	6,489.86	44.16	24.25	57.31	1,240.97	180.85	2,421.94	2,371.18	50.76	47.715	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.80	4.41	-1,239.48	1,239.49				
100.00	100.00	103.00	103.00	3.28	3.28	-89.80	4.41	-1,239.48	1,239.49	1,231.96	7.53	164.624	
200.00	200.00	203.00	203.00	3.31	3.31	-89.80	4.41	-1,239.48	1,239.49	1,231.91	7.57	163.630	
300.00	300.00	319.91	319.91	3.35	3.36	-89.78	4.77	-1,239.10	1,239.23	1,231.55	7.67	161.471	
400.00	400.00	464.12	463.96	3.42	3.47	-89.57	9.25	-1,234.54	1,236.08	1,228.23	7.84	157.598	
500.00	500.00	607.32	606.51	3.50	3.63	-89.13	18.70	-1,224.88	1,229.39	1,221.32	8.07	152.335	
600.00	600.00	748.83	746.53	3.61	3.84	-88.44	32.92	-1,210.36	1,219.28	1,210.92	8.36	145.857	
700.00	700.00	887.99	883.10	3.73	4.11	-87.52	51.61	-1,191.27	1,205.91	1,197.20	8.71	138.410	
800.00	800.00	1,024.24	1,015.38	3.87	4.47	-86.36	74.38	-1,168.01	1,189.49	1,180.35	9.14	130.156	
900.00	899.98	1,157.53	1,143.17	4.02	4.91	-176.97	100.90	-1,140.94	1,172.01	1,162.38	9.63	121.725	
1,000.00	999.84	1,265.55	1,245.56	4.17	5.33	-175.69	124.95	-1,116.37	1,156.07	1,145.94	10.12	114.220	
1,100.00	1,099.45	1,361.81	1,336.71	4.33	5.75	-174.54	146.60	-1,094.26	1,143.90	1,133.26	10.64	107.521	
1,200.00	1,198.70	1,458.50	1,428.27	4.52	6.18	-173.37	168.34	-1,072.05	1,135.70	1,124.51	11.20	101.442	
1,300.00	1,297.47	1,555.49	1,520.11	4.73	6.64	-172.21	190.16	-1,049.78	1,131.47	1,119.67	11.80	95.882	
1,400.00	1,395.82	1,652.63	1,612.09	4.97	7.11	-171.04	212.00	-1,027.47	1,130.18	1,117.74	12.44	90.853	
1,500.00	1,494.16	1,749.77	1,704.08	5.23	7.59	-169.87	233.85	-1,005.16	1,129.47	1,116.37	13.11	86.160	
1,591.52	1,584.16	1,838.68	1,788.27	5.48	7.96	-168.80	253.84	-984.74	1,129.27	1,115.60	13.67	82.634 CC	
1,600.00	1,592.50	1,846.91	1,796.07	5.51	7.98	-168.70	255.69	-982.85	1,129.27	1,115.56	13.71	82.376 ES	
1,700.00	1,690.83	1,944.06	1,888.06	5.79	8.17	-167.53	277.54	-960.53	1,129.56	1,115.59	13.97	80.861	
1,800.00	1,789.17	2,041.20	1,980.05	6.10	8.26	-166.36	299.39	-938.22	1,130.35	1,116.03	14.32	78.921	
1,900.00	1,887.51	2,138.35	2,072.04	6.26	8.37	-165.20	321.23	-915.91	1,131.64	1,117.26	14.38	78.707	
2,000.00	1,985.85	2,235.49	2,164.03	6.30	8.51	-164.03	343.08	-893.60	1,133.42	1,118.86	14.55	77.873	
2,100.00	2,084.19	2,332.63	2,256.01	6.35	8.66	-162.88	364.93	-871.29	1,135.69	1,120.92	14.77	76.891	
2,200.00	2,182.53	2,429.78	2,348.00	6.43	8.84	-161.72	386.77	-848.98	1,138.46	1,123.44	15.02	75.781	
2,300.00	2,280.86	2,526.92	2,439.99	6.52	9.03	-160.57	408.62	-826.67	1,141.71	1,126.40	15.31	74.566	
2,400.00	2,379.20	2,624.07	2,531.98	6.63	9.24	-159.43	430.47	-804.36	1,145.44	1,129.81	15.63	73.269	
2,500.00	2,477.54	2,721.21	2,623.97	6.75	9.47	-158.30	452.31	-782.05	1,149.66	1,133.67	15.99	71.910	
2,600.00	2,575.88	2,818.35	2,715.96	6.89	9.71	-157.17	474.16	-759.73	1,154.34	1,137.97	16.37	70.508	
2,700.00	2,674.22	2,915.50	2,807.95	7.05	9.97	-156.05	496.01	-737.42	1,159.49	1,142.71	16.78	69.084	
2,800.00	2,772.55	3,012.64	2,899.93	7.21	10.24	-154.94	517.85	-715.11	1,165.10	1,147.88	17.22	67.651	
2,900.00	2,870.89	3,109.79	2,991.92	7.39	10.52	-153.85	539.70	-692.80	1,171.17	1,153.48	17.69	66.223	
3,000.00	2,969.23	3,206.93	3,083.91	7.59	10.81	-152.76	561.55	-670.49	1,177.68	1,159.51	18.17	64.813	
3,100.00	3,067.57	3,304.07	3,175.90	7.79	11.11	-151.69	583.39	-648.18	1,184.64	1,165.96	18.68	63.428	
3,200.00	3,165.91	3,401.22	3,267.89	8.00	11.43	-150.62	605.24	-625.87	1,192.02	1,172.82	19.20	62.077	
3,300.00	3,264.25	3,501.64	3,359.88	8.22	11.76	-149.58	627.09	-603.56	1,199.83	1,180.07	19.76	60.731	
3,400.00	3,362.58	3,604.49	3,451.87	8.46	12.11	-148.54	648.93	-581.25	1,208.05	1,187.72	20.34	59.406	
3,500.00	3,460.92	3,707.35	3,543.85	8.69	12.46	-147.52	670.78	-558.93	1,216.68	1,195.75	20.93	58.129	
3,600.00	3,559.26	3,789.79	3,635.84	8.94	12.76	-146.51	692.63	-536.62	1,225.71	1,204.24	21.47	57.094	
3,700.00	3,657.60	3,886.94	3,727.83	9.19	13.10	-145.51	714.47	-514.31	1,235.13	1,213.06	22.07	55.966	
3,800.00	3,755.94	3,984.08	3,819.82	9.45	13.46	-144.54	736.32	-492.00	1,244.93	1,222.25	22.68	54.887	
3,900.00	3,854.27	4,081.23	3,911.81	9.72	13.82	-143.57	758.16	-469.69	1,255.10	1,231.80	23.30	53.856	
4,000.00	3,952.61	4,178.37	4,003.80	9.99	14.18	-142.62	780.01	-447.38	1,265.64	1,241.70	23.94	52.872	
4,100.00	4,050.95	4,275.51	4,095.79	10.26	14.55	-141.69	801.86	-425.07	1,276.53	1,251.95	24.58	51.934	
4,200.00	4,149.29	4,372.66	4,187.78	10.54	14.93	-140.77	823.70	-402.76	1,287.77	1,262.54	25.23	51.042	
4,300.00	4,247.63	4,469.80	4,279.76	10.82	15.30	-139.86	845.55	-380.44	1,299.34	1,273.45	25.89	50.192	
4,400.00	4,345.97	4,566.95	4,371.75	11.11	15.68	-138.98	867.40	-358.13	1,311.24	1,284.68	26.55	49.384	
4,500.00	4,444.30	4,664.09	4,463.73	11.40	16.07	-138.10	889.24	-335.82	1,323.45	1,296.23	27.22	48.616	
4,600.00	4,542.64	4,761.23	4,555.73	11.69	16.46	-137.25	911.09	-313.51	1,335.98	1,308.08	27.90	47.886	
4,700.00	4,640.98	4,858.38	4,647.72	11.99	16.85	-136.41	932.94	-291.20	1,348.81	1,320.23	28.58	47.192	
4,800.00	4,739.32	4,955.52	4,739.71	12.29	17.24	-135.58	954.78	-268.89	1,361.93	1,332.66	29.27	46.532	
4,900.00	4,837.66	5,052.67	4,831.70	12.59	17.63	-134.77	976.63	-246.58	1,375.33	1,345.37	29.96	45.906	
5,000.00	4,936.00	5,149.81	4,923.68	12.89	18.03	-133.97	998.48	-224.27	1,389.02	1,358.36	30.66	45.310	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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
5,100.00	5,034.33	5,246.96	5,015.67	13.20	18.43	-133.19	1,020.32	-201.96	1,402.96	1,371.61	31.36	44.744	
5,200.00	5,132.67	5,344.10	5,107.66	13.51	18.83	-132.43	1,042.17	-179.64	1,417.17	1,385.11	32.06	44.206	
5,300.00	5,231.01	5,441.24	5,199.65	13.82	19.24	-131.68	1,064.02	-157.33	1,431.63	1,398.87	32.76	43.694	
5,400.00	5,329.35	5,538.39	5,291.64	14.13	19.64	-130.94	1,085.86	-135.02	1,446.34	1,412.87	33.47	43.208	
5,500.00	5,427.69	5,635.53	5,383.63	14.44	20.05	-130.22	1,107.71	-112.71	1,461.28	1,427.10	34.19	42.745	
5,600.00	5,526.02	5,732.68	5,475.62	14.76	20.46	-129.51	1,129.56	-90.40	1,476.46	1,441.56	34.90	42.304	
5,700.00	5,624.36	5,829.82	5,567.60	15.08	20.87	-128.82	1,151.40	-68.09	1,491.85	1,456.24	35.62	41.885	
5,800.00	5,722.70	5,926.96	5,659.59	15.39	21.28	-128.14	1,173.25	-45.78	1,507.47	1,471.13	36.34	41.485	
5,900.00	5,821.04	6,024.11	5,751.58	15.71	21.70	-127.47	1,195.09	-23.47	1,523.29	1,486.23	37.06	41.105	
6,000.00	5,919.38	6,121.25	5,843.57	16.03	22.11	-126.82	1,216.94	-1.15	1,539.31	1,501.53	37.78	40.742	
6,100.00	6,017.72	6,218.40	5,935.56	16.35	22.53	-126.18	1,238.79	21.16	1,555.54	1,517.03	38.51	40.396	
6,200.00	6,116.05	6,315.54	6,027.55	16.68	22.94	-125.55	1,260.63	43.47	1,571.95	1,532.72	39.23	40.066	
6,300.00	6,214.39	6,412.68	6,119.54	17.00	23.36	-124.94	1,282.48	65.78	1,588.55	1,548.59	39.96	39.751	
6,400.00	6,312.73	6,509.83	6,211.52	17.33	23.78	-124.34	1,304.33	88.09	1,605.33	1,564.63	40.69	39.451	
6,500.00	6,411.07	6,606.97	6,303.51	17.65	24.20	-123.75	1,326.17	110.40	1,622.28	1,580.85	41.42	39.164	
6,600.00	6,509.41	6,704.12	6,395.50	17.98	24.62	-123.17	1,348.02	132.71	1,639.39	1,597.24	42.15	38.890	
6,700.00	6,608.03	6,801.12	6,487.36	18.27	25.04	-124.31	1,369.84	154.99	1,655.74	1,612.88	42.86	38.629	
6,800.00	6,707.89	8,063.79	7,169.72	18.44	35.13	96.17	1,535.54	1,017.12	1,637.42	1,587.71	49.71	32.940	
6,900.00	6,806.95	8,050.78	7,169.74	18.53	34.98	93.49	1,535.48	1,004.11	1,612.84	1,562.48	50.37	32.021	
7,000.00	6,902.79	8,022.44	7,169.78	18.56	34.65	93.58	1,535.34	975.77	1,594.40	1,543.73	50.67	31.464	
7,100.00	6,993.03	7,979.46	7,169.84	18.55	34.17	93.06	1,535.13	932.79	1,581.97	1,531.33	50.63	31.243 SF	
7,200.00	7,075.46	7,922.91	7,169.93	18.51	33.54	91.89	1,534.85	876.24	1,574.85	1,524.55	50.29	31.312	
7,300.00	7,148.05	7,828.71	7,168.67	18.49	32.53	89.61	1,534.06	782.08	1,571.78	1,522.23	49.54	31.725	
7,400.00	7,209.00	7,682.85	7,143.29	18.51	31.00	85.87	1,527.32	638.92	1,568.92	1,520.59	48.33	32.460	
7,500.00	7,256.83	7,572.21	7,103.24	18.59	29.90	82.99	1,517.32	536.43	1,565.98	1,518.62	47.36	33.064	
7,600.00	7,290.34	7,480.89	7,057.56	18.76	29.06	80.62	1,506.12	458.23	1,563.35	1,516.76	46.59	33.556	
7,700.00	7,308.73	7,401.05	7,009.06	19.02	28.38	78.61	1,494.34	395.98	1,560.98	1,514.98	46.00	33.932	
7,800.00	7,311.63	7,328.61	6,958.80	19.37	27.82	76.83	1,482.20	345.31	1,558.63	1,513.03	45.60	34.181	
7,856.09	7,309.79	7,292.58	6,931.79	19.64	27.55	75.84	1,475.70	322.37	1,558.03	1,512.55	45.48	34.254	
7,900.00	7,308.36	7,267.42	6,912.20	19.85	27.38	75.11	1,470.99	307.31	1,558.42	1,513.00	45.42	34.309	
8,000.00	7,305.09	7,218.51	6,872.53	20.46	27.05	73.65	1,461.48	280.35	1,562.49	1,517.02	45.46	34.368	
8,100.00	7,301.83	7,178.95	6,839.04	21.18	26.81	72.40	1,453.46	260.89	1,571.38	1,525.70	45.67	34.404	
8,200.00	7,298.56	7,150.00	6,813.82	22.01	26.64	71.47	1,447.44	248.02	1,585.42	1,539.39	46.03	34.445	
8,300.00	7,295.30	7,119.59	6,786.74	22.93	26.47	70.47	1,440.98	235.79	1,604.75	1,558.31	46.43	34.560	
8,400.00	7,292.03	7,100.00	6,769.01	23.93	26.37	69.81	1,436.75	228.62	1,629.38	1,582.45	46.93	34.720	
8,500.00	7,288.76	7,077.68	6,748.55	25.01	26.26	69.06	1,431.88	221.14	1,659.20	1,611.77	47.43	34.983	
8,600.00	7,285.50	7,061.12	6,733.21	26.14	26.18	68.50	1,428.23	216.07	1,694.04	1,646.09	47.95	35.327	
8,700.00	7,282.23	7,050.00	6,722.85	27.34	26.13	68.12	1,425.77	212.89	1,733.68	1,685.19	48.49	35.755	
8,800.00	7,278.96	7,034.18	6,708.01	28.58	26.06	67.57	1,422.24	208.70	1,777.82	1,728.83	48.98	36.295	
8,900.00	7,275.70	7,018.77	6,693.46	29.86	25.99	67.04	1,418.78	204.98	1,826.21	1,776.76	49.45	36.930	
9,000.00	7,272.43	7,003.89	6,679.37	31.18	25.92	66.53	1,415.44	201.56	1,878.47	1,828.58	49.89	37.651	
9,100.00	7,269.17	6,977.99	6,654.84	32.54	25.81	65.63	1,409.61	195.61	1,934.18	1,883.91	50.26	38.480	
9,200.00	7,265.90	6,952.09	6,630.32	33.92	25.70	64.75	1,403.79	189.66	1,993.01	1,942.40	50.61	39.380	
9,300.00	7,262.63	6,926.19	6,605.79	35.33	25.59	63.87	1,397.96	183.72	2,054.70	2,003.77	50.93	40.344	
9,400.00	7,259.37	6,900.29	6,581.26	36.76	25.47	62.99	1,392.14	177.77	2,119.00	2,067.78	51.22	41.368	
9,500.00	7,256.10	6,874.39	6,556.74	38.21	25.36	62.13	1,386.31	171.82	2,185.68	2,134.18	51.49	42.445	
9,600.00	7,252.84	6,848.49	6,532.21	39.67	25.25	61.27	1,380.49	165.87	2,254.52	2,202.78	51.74	43.572	
9,700.00	7,249.57	6,822.58	6,507.68	41.16	25.13	60.41	1,374.66	159.92	2,325.34	2,273.37	51.97	44.744	
9,800.00	7,246.30	6,796.68	6,483.16	42.65	25.02	59.57	1,368.84	153.97	2,397.96	2,345.78	52.18	45.957	
9,900.00	7,243.04	6,770.78	6,458.63	44.16	24.91	58.73	1,363.01	148.02	2,472.22	2,419.85	52.37	47.207	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.52	-1.46	160.09	160.09				
100.00	100.00	102.00	102.00	3.28	3.28	90.52	-1.46	160.09	160.09	152.56	7.53	21.263	
200.00	200.00	202.00	202.00	3.31	3.31	90.52	-1.46	160.09	160.09	152.52	7.57	21.135	
300.00	300.00	302.00	302.00	3.35	3.35	90.52	-1.46	160.09	160.09	152.43	7.67	20.886 CC, ES	
400.00	400.00	398.35	398.33	3.42	3.42	90.07	-0.20	161.21	161.25	153.46	7.79	20.689	
500.00	500.00	494.54	494.39	3.50	3.50	88.79	3.48	164.47	164.69	156.73	7.96	20.692	
600.00	600.00	590.30	589.80	3.61	3.61	86.79	9.52	169.85	170.56	162.40	8.16	20.905	
700.00	700.00	685.41	684.24	3.73	3.73	84.24	17.89	177.29	179.07	170.68	8.39	21.342	
800.00	800.00	779.67	777.43	3.87	3.88	81.33	28.48	186.71	190.46	181.81	8.65	22.013	
900.00	899.98	873.09	869.27	4.02	4.06	-13.81	41.23	198.05	203.25	194.33	8.93	22.772	
1,000.00	999.84	965.72	959.75	4.17	4.27	-17.22	56.08	211.26	216.05	206.84	9.21	23.459	
1,100.00	1,099.45	1,060.87	1,052.07	4.33	4.52	-20.93	73.27	226.54	228.80	219.26	9.54	23.987	
1,200.00	1,198.70	1,159.00	1,147.21	4.52	4.82	-24.69	91.24	242.53	239.68	229.76	9.92	24.156	
1,300.00	1,297.47	1,257.20	1,242.41	4.73	5.13	-28.49	109.23	258.53	248.52	238.18	10.34	24.039	
1,400.00	1,395.82	1,355.37	1,337.59	4.97	5.47	-32.36	127.21	274.52	256.36	245.57	10.79	23.759	
1,500.00	1,494.16	1,453.55	1,432.77	5.23	5.82	-36.01	145.20	290.52	265.26	253.99	11.27	23.542	
1,600.00	1,592.50	1,551.73	1,527.95	5.51	6.18	-39.42	163.18	306.51	275.19	263.40	11.78	23.355	
1,700.00	1,690.83	1,649.91	1,623.14	5.79	6.56	-42.58	181.16	322.51	286.03	273.71	12.32	23.208	
1,800.00	1,789.17	1,748.08	1,718.32	6.10	6.95	-45.51	199.15	338.50	297.70	284.81	12.89	23.091	
1,900.00	1,887.51	1,846.26	1,813.50	6.26	7.26	-48.22	217.13	354.49	310.09	297.20	12.89	24.057	
2,000.00	1,985.85	1,944.44	1,908.68	6.30	7.40	-50.72	235.11	370.49	323.13	310.10	13.03	24.798	
2,100.00	2,084.19	2,042.62	2,003.86	6.35	7.47	-53.03	253.10	386.48	336.73	323.60	13.13	25.644	
2,200.00	2,182.53	2,140.79	2,099.05	6.43	7.55	-55.16	271.08	402.48	350.84	337.56	13.27	26.436	
2,300.00	2,280.86	2,238.97	2,194.23	6.52	7.65	-57.12	289.06	418.47	365.39	351.94	13.45	27.167	
2,400.00	2,379.20	2,337.15	2,289.41	6.63	7.77	-58.93	307.05	434.47	380.33	366.67	13.66	27.833	
2,500.00	2,477.54	2,435.33	2,384.59	6.75	7.91	-60.61	325.03	450.46	395.62	381.71	13.91	28.433	
2,600.00	2,575.88	2,533.50	2,479.77	6.89	8.06	-62.16	343.01	466.46	411.22	397.03	14.20	28.967	
2,700.00	2,674.22	2,631.68	2,574.96	7.05	8.23	-63.60	361.00	482.45	427.10	412.59	14.51	29.438	
2,800.00	2,772.55	2,729.86	2,670.14	7.21	8.41	-64.93	378.98	498.44	443.23	428.38	14.85	29.848	
2,900.00	2,870.89	2,828.04	2,765.32	7.39	8.60	-66.17	396.96	514.44	459.57	444.35	15.22	30.201	
3,000.00	2,969.23	2,926.21	2,860.50	7.59	8.80	-67.33	414.95	530.43	476.11	460.50	15.61	30.503	
3,100.00	3,067.57	3,024.39	2,955.68	7.79	9.02	-68.41	432.93	546.43	492.83	476.81	16.02	30.758	
3,200.00	3,165.91	3,122.57	3,050.87	8.00	9.25	-69.42	450.92	562.42	509.71	493.25	16.46	30.970	
3,300.00	3,264.25	3,220.75	3,146.05	8.22	9.48	-70.36	468.90	578.42	526.74	509.82	16.91	31.145	
3,400.00	3,362.58	3,318.92	3,241.23	8.46	9.73	-71.25	486.88	594.41	543.89	526.51	17.38	31.287	
3,500.00	3,460.92	3,417.10	3,336.41	8.69	9.98	-72.08	504.87	610.40	561.17	543.29	17.87	31.399	
3,600.00	3,559.26	3,515.28	3,431.59	8.94	10.25	-72.86	522.85	626.40	578.55	560.17	18.37	31.486	
3,700.00	3,657.60	3,613.46	3,526.78	9.19	10.52	-73.60	540.83	642.39	596.03	577.14	18.89	31.551	
3,800.00	3,755.94	3,711.64	3,621.96	9.45	10.79	-74.29	558.82	658.39	613.60	594.18	19.42	31.597	
3,900.00	3,854.27	3,809.81	3,717.14	9.72	11.07	-74.95	576.80	674.38	631.26	611.30	19.96	31.627	
4,000.00	3,952.61	3,907.99	3,812.32	9.99	11.36	-75.57	594.78	690.38	648.99	628.48	20.51	31.642	
4,100.00	4,050.95	4,006.17	3,907.50	10.26	11.65	-76.16	612.77	706.37	666.79	645.72	21.07	31.645	
4,200.00	4,149.29	4,104.35	4,002.68	10.54	11.95	-76.71	630.75	722.36	684.66	663.02	21.64	31.638	
4,300.00	4,247.63	4,202.52	4,097.87	10.82	12.25	-77.24	648.73	738.36	702.59	680.37	22.22	31.622	
4,400.00	4,345.97	4,300.70	4,193.05	11.11	12.56	-77.74	666.72	754.35	720.57	697.76	22.80	31.599	
4,500.00	4,444.30	4,401.12	4,288.23	11.40	12.88	-78.22	684.70	770.35	738.60	715.20	23.40	31.561	
4,600.00	4,542.64	4,502.95	4,383.41	11.69	13.20	-78.68	702.68	786.34	756.68	732.67	24.01	31.513	
4,700.00	4,640.98	4,604.77	4,478.59	11.99	13.53	-79.11	720.67	802.34	774.81	750.18	24.63	31.461	
4,800.00	4,739.32	4,706.59	4,573.78	12.29	13.86	-79.53	738.65	818.33	792.97	767.72	25.25	31.405	
4,900.00	4,837.66	4,791.59	4,668.96	12.59	14.14	-79.92	756.63	834.32	811.18	785.35	25.82	31.411	
5,000.00	4,936.00	4,889.77	4,764.14	12.89	14.47	-80.30	774.62	850.32	829.42	802.97	26.45	31.364	
5,100.00	5,034.33	4,987.94	4,859.32	13.20	14.80	-80.66	792.60	866.31	847.69	820.62	27.07	31.315	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,132.67	5,086.12	4,954.50	13.51	15.13	-81.01	810.58	882.31	866.00	838.30	27.70	31.265		
5,300.00	5,231.01	5,184.30	5,049.69	13.82	15.46	-81.34	828.57	898.30	884.33	856.00	28.33	31.213		
5,400.00	5,329.35	5,282.48	5,144.87	14.13	15.80	-81.66	846.55	914.30	902.69	873.73	28.97	31.161		
5,500.00	5,427.69	5,380.65	5,240.05	14.44	16.13	-81.97	864.53	930.29	921.08	891.47	29.61	31.109		
5,600.00	5,526.02	5,478.83	5,335.23	14.76	16.47	-82.26	882.52	946.29	939.50	909.24	30.25	31.056		
5,700.00	5,624.36	5,577.01	5,430.41	15.08	16.81	-82.55	900.50	962.28	957.93	927.03	30.90	31.004		
5,800.00	5,722.70	5,675.19	5,525.60	15.39	17.16	-82.82	918.48	978.27	976.39	944.84	31.55	30.951		
5,900.00	5,821.04	5,773.36	5,620.78	15.71	17.50	-83.08	936.47	994.27	994.87	962.67	32.20	30.899		
6,000.00	5,919.38	5,871.54	5,715.96	16.03	17.85	-83.33	954.45	1,010.26	1,013.37	980.51	32.85	30.846		
6,100.00	6,017.72	5,969.72	5,811.14	16.35	18.19	-83.58	972.44	1,026.26	1,031.88	998.37	33.51	30.795		
6,200.00	6,116.05	6,067.90	5,906.32	16.68	18.54	-83.81	990.42	1,042.25	1,050.42	1,016.25	34.17	30.743		
6,300.00	6,214.39	6,166.07	6,001.51	17.00	18.89	-84.04	1,008.40	1,058.25	1,068.97	1,034.14	34.83	30.693		
6,400.00	6,312.73	6,264.25	6,096.69	17.33	19.24	-84.26	1,026.39	1,074.24	1,087.53	1,052.04	35.49	30.643		
6,500.00	6,411.07	6,362.43	6,191.87	17.65	19.59	-84.47	1,044.37	1,090.23	1,106.11	1,069.96	36.16	30.593		
6,600.00	6,509.41	6,460.61	6,287.05	17.98	19.94	-84.68	1,062.35	1,106.23	1,124.71	1,087.89	36.82	30.545		
6,700.00	6,608.03	6,558.77	6,382.22	18.27	20.30	-86.80	1,080.33	1,122.22	1,143.52	1,106.07	37.46	30.530		
6,800.00	6,707.89	6,655.93	6,476.42	18.44	20.65	100.73	1,098.13	1,138.05	1,163.76	1,125.83	37.93	30.682		
6,900.00	6,806.95	6,767.77	6,585.53	18.53	20.98	95.50	1,118.80	1,150.28	1,185.09	1,146.77	38.32	30.926		
7,000.00	6,902.79	6,860.71	6,705.79	18.56	21.24	94.15	1,141.77	1,141.63	1,205.95	1,167.34	38.61	31.236		
7,100.00	6,993.03	7,019.97	6,827.96	18.55	21.41	93.08	1,165.33	1,107.38	1,225.57	1,186.78	38.79	31.592		
7,200.00	7,075.46	7,154.93	6,945.46	18.51	21.47	92.02	1,188.25	1,045.64	1,243.23	1,204.32	38.91	31.952		
7,300.00	7,148.05	7,294.16	7,050.47	18.49	21.45	90.92	1,209.02	957.03	1,258.28	1,219.26	39.02	32.248		
7,400.00	7,209.00	7,435.49	7,135.12	18.51	21.34	89.74	1,226.11	845.52	1,270.20	1,230.98	39.22	32.387		
7,500.00	7,256.83	7,576.29	7,193.38	18.59	21.20	88.51	1,238.32	718.24	1,278.69	1,239.09	39.60	32.287		
7,600.00	7,290.34	7,713.94	7,222.44	18.76	21.10	87.26	1,245.02	584.13	1,283.64	1,243.43	40.21	31.922		
7,700.00	7,308.73	7,834.24	7,225.23	19.02	21.24	86.21	1,246.60	463.99	1,285.32	1,244.32	41.00	31.349		
7,800.00	7,311.63	7,934.02	7,223.18	19.37	21.73	85.97	1,247.09	364.23	1,285.53	1,243.64	41.89	30.688		
7,900.00	7,308.36	8,034.01	7,221.13	19.85	22.40	86.02	1,247.57	264.26	1,285.28	1,242.27	43.01	29.886		
8,000.00	7,305.09	8,134.00	7,219.08	20.46	23.19	86.07	1,248.05	164.29	1,285.03	1,240.68	44.35	28.975		
8,100.00	7,301.83	8,233.99	7,217.02	21.18	24.07	86.13	1,248.53	64.32	1,284.78	1,238.88	45.90	27.991		
8,200.00	7,298.56	8,333.99	7,214.97	22.01	25.02	86.18	1,249.02	-35.65	1,284.53	1,236.89	47.64	26.965		
8,300.00	7,295.30	8,433.98	7,212.92	22.93	26.04	86.24	1,249.50	-135.62	1,284.29	1,234.74	49.54	25.923		
8,400.00	7,292.03	8,533.97	7,210.86	23.93	27.11	86.29	1,249.98	-235.59	1,284.04	1,232.45	51.60	24.886		
8,500.00	7,288.76	8,633.96	7,208.81	25.01	28.25	86.34	1,250.47	-335.56	1,283.80	1,230.02	53.78	23.871		
8,600.00	7,285.50	8,733.96	7,206.76	26.14	29.42	86.40	1,250.95	-435.53	1,283.56	1,227.47	56.08	22.887		
8,700.00	7,282.23	8,833.95	7,204.70	27.34	30.65	86.45	1,251.43	-535.50	1,283.31	1,224.83	58.48	21.943		
8,800.00	7,278.96	8,933.94	7,202.65	28.58	31.91	86.50	1,251.92	-635.47	1,283.07	1,222.10	60.98	21.042		
8,900.00	7,275.70	9,033.93	7,200.60	29.86	33.20	86.56	1,252.40	-735.45	1,282.84	1,219.29	63.55	20.187		
9,000.00	7,272.43	9,133.93	7,198.54	31.18	34.53	86.61	1,252.88	-835.42	1,282.60	1,216.41	66.19	19.378		
9,100.00	7,269.17	9,233.92	7,196.49	32.54	35.88	86.66	1,253.37	-935.39	1,282.36	1,213.47	68.89	18.615		
9,200.00	7,265.90	9,333.91	7,194.44	33.92	37.26	86.72	1,253.85	-1,035.36	1,282.12	1,210.48	71.65	17.895		
9,300.00	7,262.63	9,433.90	7,192.38	35.33	38.66	86.77	1,254.33	-1,135.33	1,281.89	1,207.44	74.45	17.218		
9,400.00	7,259.37	9,533.90	7,190.33	36.76	40.08	86.83	1,254.82	-1,235.30	1,281.66	1,204.36	77.30	16.581		
9,500.00	7,256.10	9,633.89	7,188.28	38.21	41.52	86.88	1,255.30	-1,335.27	1,281.42	1,201.24	80.18	15.981		
9,600.00	7,252.84	9,733.88	7,186.22	39.67	42.97	86.93	1,255.78	-1,435.24	1,281.19	1,198.09	83.11	15.416		
9,700.00	7,249.57	9,833.87	7,184.17	41.16	44.44	86.99	1,256.26	-1,535.21	1,280.96	1,194.91	86.06	14.885		
9,800.00	7,246.30	9,933.87	7,182.12	42.65	45.92	87.04	1,256.75	-1,635.18	1,280.73	1,191.70	89.04	14.384		
9,900.00	7,243.04	10,033.86	7,180.06	44.16	47.42	87.09	1,257.23	-1,735.15	1,280.51	1,188.46	92.04	13.912		
10,000.00	7,239.77	10,133.85	7,178.01	45.68	48.92	87.15	1,257.71	-1,835.12	1,280.28	1,185.21	95.07	13.467		
10,100.00	7,236.50	10,233.84	7,175.96	47.21	50.44	87.20	1,258.20	-1,935.09	1,280.05	1,181.94	98.12	13.046		
10,200.00	7,233.24	10,333.84	7,173.90	48.75	51.96	87.26	1,258.68	-2,035.06	1,279.83	1,178.65	101.18	12.648		
10,300.00	7,229.97	10,433.83	7,171.85	50.30	53.50	87.31	1,259.16	-2,135.03	1,279.61	1,175.34	104.27	12.272		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	7,226.71	10,533.82	7,169.80	51.86	55.04	87.36	1,259.65	-2,235.00	1,279.39	1,172.02	107.37	11.916	
10,500.00	7,223.44	10,633.81	7,167.74	53.42	56.59	87.42	1,260.13	-2,334.97	1,279.16	1,168.68	110.48	11.578	
10,600.00	7,220.17	10,733.81	7,165.69	54.99	58.14	87.47	1,260.61	-2,434.94	1,278.94	1,165.34	113.61	11.258	
10,700.00	7,216.91	10,833.80	7,163.64	56.57	59.70	87.53	1,261.10	-2,534.91	1,278.73	1,161.98	116.75	10.953	
10,800.00	7,213.64	10,933.79	7,161.58	58.15	61.27	87.58	1,261.58	-2,634.88	1,278.51	1,158.61	119.90	10.663	
10,900.00	7,210.38	11,033.78	7,159.53	59.74	62.84	87.63	1,262.06	-2,734.85	1,278.29	1,155.23	123.06	10.388	
11,000.00	7,207.11	11,133.78	7,157.48	61.33	64.42	87.69	1,262.54	-2,834.82	1,278.08	1,151.85	126.23	10.125	
11,100.00	7,203.84	11,233.77	7,155.42	62.92	66.00	87.74	1,263.03	-2,934.79	1,277.86	1,148.46	129.41	9.875	
11,200.00	7,200.58	11,333.76	7,153.37	64.52	67.59	87.80	1,263.51	-3,034.76	1,277.65	1,145.06	132.59	9.636	
11,300.00	7,197.31	11,433.75	7,151.32	66.12	69.18	87.85	1,263.99	-3,134.73	1,277.44	1,141.65	135.79	9.408	
11,400.00	7,194.05	11,533.75	7,149.26	67.73	70.78	87.90	1,264.48	-3,234.70	1,277.23	1,138.24	138.99	9.190	
11,500.00	7,190.78	11,633.74	7,147.21	69.34	72.37	87.96	1,264.96	-3,334.67	1,277.02	1,134.82	142.19	8.981	
11,600.00	7,187.51	11,733.73	7,145.16	70.95	73.98	88.01	1,265.44	-3,434.64	1,276.81	1,131.40	145.41	8.781	
11,700.00	7,184.25	11,833.72	7,143.10	72.57	75.58	88.07	1,265.93	-3,534.61	1,276.60	1,127.97	148.63	8.589	
11,800.00	7,180.98	11,933.72	7,141.05	74.18	77.19	88.12	1,266.41	-3,634.58	1,276.40	1,124.54	151.85	8.405	
11,900.00	7,177.71	12,033.71	7,139.00	75.80	78.80	88.17	1,266.89	-3,734.55	1,276.19	1,121.11	155.08	8.229	
12,000.00	7,174.45	12,133.70	7,136.94	77.43	80.41	88.23	1,267.38	-3,834.52	1,275.99	1,117.67	158.32	8.060	
12,100.00	7,171.18	12,233.69	7,134.89	79.05	82.02	88.28	1,267.86	-3,934.49	1,275.78	1,114.23	161.56	7.897	
12,200.00	7,167.92	12,333.69	7,132.84	80.68	83.64	88.34	1,268.34	-4,034.46	1,275.58	1,110.78	164.80	7.740	
12,300.00	7,164.65	12,433.68	7,130.79	82.30	85.26	88.39	1,268.83	-4,134.43	1,275.38	1,107.34	168.05	7.589	
12,400.00	7,161.38	12,533.67	7,128.73	83.93	86.88	88.45	1,269.31	-4,234.40	1,275.18	1,103.89	171.30	7.444	
12,500.00	7,158.12	12,633.66	7,126.68	85.56	88.50	88.50	1,269.79	-4,334.37	1,274.98	1,100.43	174.55	7.304	
12,600.00	7,154.85	12,733.66	7,124.63	87.20	90.13	88.55	1,270.27	-4,434.34	1,274.79	1,096.98	177.81	7.169	
12,700.00	7,151.59	12,833.65	7,122.57	88.83	91.75	88.61	1,270.76	-4,534.31	1,274.59	1,093.52	181.07	7.039	
12,800.00	7,148.32	12,933.64	7,120.52	90.47	93.38	88.66	1,271.24	-4,634.29	1,274.40	1,090.07	184.33	6.914	
12,900.00	7,145.05	13,033.63	7,118.47	92.11	95.01	88.72	1,271.72	-4,734.26	1,274.20	1,086.61	187.60	6.792	
13,000.00	7,141.79	13,133.63	7,116.41	93.74	96.64	88.77	1,272.21	-4,834.23	1,274.01	1,083.15	190.87	6.675	
13,100.00	7,138.52	13,233.62	7,114.36	95.38	98.27	88.83	1,272.69	-4,934.20	1,273.82	1,079.68	194.14	6.561	
13,200.00	7,135.25	13,333.61	7,112.31	97.02	99.91	88.88	1,273.17	-5,034.17	1,273.63	1,076.22	197.41	6.452	
13,300.00	7,131.99	13,433.60	7,110.25	98.67	101.54	88.93	1,273.66	-5,134.14	1,273.44	1,072.76	200.68	6.345	
13,400.00	7,128.72	13,533.60	7,108.20	100.31	103.18	88.99	1,274.14	-5,234.11	1,273.25	1,069.29	203.96	6.243	
13,500.00	7,125.46	13,633.59	7,106.15	101.95	104.82	89.04	1,274.62	-5,334.08	1,273.07	1,065.82	207.24	6.143	
13,600.00	7,122.19	13,733.58	7,104.09	103.60	106.45	89.10	1,275.11	-5,434.05	1,272.88	1,062.36	210.52	6.046	
13,700.00	7,118.92	13,833.57	7,102.04	105.24	108.09	89.15	1,275.59	-5,534.02	1,272.70	1,058.89	213.81	5.953	
13,800.00	7,115.66	13,933.57	7,099.99	106.89	109.73	89.21	1,276.07	-5,633.99	1,272.51	1,055.42	217.09	5.862	
13,900.00	7,112.39	14,033.56	7,097.93	108.54	111.38	89.26	1,276.55	-5,733.96	1,272.33	1,051.95	220.38	5.773	
14,000.00	7,109.13	14,133.55	7,095.88	110.18	113.02	89.32	1,277.04	-5,833.93	1,272.15	1,048.48	223.67	5.688	
14,100.00	7,105.86	14,233.54	7,093.83	111.83	114.66	89.37	1,277.52	-5,933.90	1,271.97	1,045.02	226.95	5.605	
14,200.00	7,102.59	14,333.54	7,091.77	113.48	116.30	89.43	1,278.00	-6,033.87	1,271.79	1,041.55	230.25	5.524	
14,300.00	7,099.33	14,433.53	7,089.72	115.13	117.95	89.48	1,278.49	-6,133.84	1,271.61	1,038.08	233.54	5.445	
14,400.00	7,096.06	14,533.52	7,087.67	116.78	119.60	89.53	1,278.97	-6,233.81	1,271.44	1,034.61	236.83	5.369	
14,500.00	7,092.79	14,633.51	7,085.61	118.43	121.24	89.59	1,279.45	-6,333.78	1,271.26	1,031.14	240.12	5.294	
14,600.00	7,089.53	14,733.51	7,083.56	120.09	122.89	89.64	1,279.94	-6,433.75	1,271.09	1,027.67	243.42	5.222	
14,700.00	7,086.26	14,833.50	7,081.51	121.74	124.54	89.70	1,280.42	-6,533.72	1,270.92	1,024.20	246.72	5.151	
14,800.00	7,083.00	14,933.49	7,079.45	123.39	126.18	89.75	1,280.90	-6,633.69	1,270.74	1,020.73	250.01	5.083	
14,900.00	7,079.73	15,033.48	7,077.40	125.05	127.83	89.81	1,281.39	-6,733.66	1,270.57	1,017.26	253.31	5.016	
15,000.00	7,076.46	15,133.48	7,075.35	126.70	129.48	89.86	1,281.87	-6,833.63	1,270.40	1,013.79	256.61	4.951	
15,100.00	7,073.20	15,233.47	7,073.29	128.35	131.13	89.92	1,282.35	-6,933.60	1,270.24	1,010.32	259.91	4.887	
15,200.00	7,069.93	15,333.46	7,071.24	130.01	132.78	89.97	1,282.84	-7,033.57	1,270.07	1,006.86	263.21	4.825	
15,300.00	7,066.67	15,433.45	7,069.19	131.66	134.44	90.03	1,283.32	-7,133.54	1,269.90	1,003.39	266.51	4.765	
15,400.00	7,063.40	15,533.45	7,067.13	133.32	136.09	90.08	1,283.80	-7,233.51	1,269.74	999.92	269.82	4.706	
15,500.00	7,060.13	15,633.44	7,065.08	134.98	137.74	90.14	1,284.28	-7,333.48	1,269.57	996.46	273.12	4.648	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,056.87	15,733.43	7,063.03	136.63	139.39	90.19	1,284.77	-7,433.45	1,269.41	992.99	276.42	4.592	
15,634.69	7,055.73	15,768.12	7,062.32	137.21	139.97	90.21	1,284.94	-7,468.13	1,269.36	991.79	277.57	4.573 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.45	-1.09	140.04	140.04				
100.00	100.00	101.00	101.00	3.28	3.28	90.45	-1.09	140.04	140.04	132.52	7.53	18.601	
200.00	200.00	201.00	201.00	3.31	3.31	90.45	-1.09	140.04	140.04	132.47	7.57	18.490 CC, ES	
300.00	300.00	298.64	298.63	3.35	3.35	90.15	-0.38	140.66	140.68	133.02	7.66	18.361	
400.00	400.00	395.36	395.26	3.42	3.41	88.91	2.72	143.37	143.51	135.72	7.79	18.425	
500.00	500.00	491.70	491.32	3.50	3.50	86.81	8.25	148.20	148.74	140.79	7.95	18.702	
600.00	600.00	587.44	586.48	3.61	3.61	84.05	16.16	155.10	156.61	148.46	8.15	19.209	
700.00	700.00	682.38	680.44	3.73	3.74	80.87	26.35	164.00	167.37	158.99	8.39	19.959	
800.00	800.00	776.31	772.91	3.87	3.91	77.50	38.75	174.82	181.25	172.60	8.65	20.956	
900.00	899.98	869.27	863.85	4.02	4.10	-17.91	53.25	187.48	196.77	187.85	8.92	22.054	
1,000.00	999.84	961.35	953.27	4.17	4.34	-21.48	69.81	201.93	212.55	203.35	9.20	23.093	
1,100.00	1,099.45	1,057.77	1,046.38	4.33	4.62	-25.25	88.68	218.40	227.99	218.44	9.55	23.868	
1,200.00	1,198.70	1,155.60	1,140.84	4.52	4.94	-28.96	107.86	235.15	241.41	231.47	9.94	24.282	
1,300.00	1,297.47	1,253.53	1,235.39	4.73	5.28	-32.68	127.07	251.92	252.89	242.52	10.37	24.396	
1,400.00	1,395.82	1,351.46	1,329.94	4.97	5.64	-36.45	146.27	268.69	263.45	252.63	10.83	24.337	
1,500.00	1,494.16	1,449.39	1,424.49	5.23	6.02	-39.96	165.48	285.45	275.03	263.71	11.32	24.298	
1,600.00	1,592.50	1,547.32	1,519.05	5.51	6.40	-43.18	184.69	302.22	287.57	275.72	11.85	24.272	
1,700.00	1,690.83	1,645.25	1,613.60	5.79	6.80	-46.13	203.89	318.98	300.95	288.55	12.40	24.261	
1,800.00	1,789.17	1,743.18	1,708.15	6.10	7.21	-48.83	223.10	335.75	315.06	302.08	12.99	24.259	
1,900.00	1,887.51	1,841.11	1,802.71	6.26	7.55	-51.30	242.30	352.52	329.81	316.81	13.00	25.363	
2,000.00	1,985.85	1,939.04	1,897.26	6.30	7.71	-53.55	261.51	369.28	345.12	331.97	13.16	26.229	
2,100.00	2,084.19	2,036.97	1,991.81	6.35	7.78	-55.62	280.72	386.05	360.92	347.66	13.26	27.214	
2,200.00	2,182.53	2,134.90	2,086.36	6.43	7.87	-57.51	299.92	402.81	377.14	363.74	13.41	28.132	
2,300.00	2,280.86	2,232.82	2,180.92	6.52	7.98	-59.25	319.13	419.58	393.74	380.15	13.59	28.977	
2,400.00	2,379.20	2,330.75	2,275.47	6.63	8.11	-60.84	338.33	436.35	410.66	396.85	13.81	29.745	
2,500.00	2,477.54	2,428.68	2,370.02	6.75	8.25	-62.31	357.54	453.11	427.87	413.81	14.06	30.435	
2,600.00	2,575.88	2,526.61	2,464.57	6.89	8.40	-63.67	376.75	469.88	445.33	430.99	14.34	31.048	
2,700.00	2,674.22	2,624.54	2,559.13	7.05	8.58	-64.93	395.95	486.64	463.03	448.37	14.66	31.586	
2,800.00	2,772.55	2,722.47	2,653.68	7.21	8.76	-66.09	415.16	503.41	480.92	465.92	15.00	32.055	
2,900.00	2,870.89	2,820.40	2,748.23	7.39	8.96	-67.17	434.36	520.18	498.99	483.62	15.37	32.458	
3,000.00	2,969.23	2,918.33	2,842.78	7.59	9.17	-68.17	453.57	536.94	517.23	501.46	15.77	32.801	
3,100.00	3,067.57	3,016.26	2,937.34	7.79	9.40	-69.11	472.78	553.71	535.61	519.42	16.19	33.090	
3,200.00	3,165.91	3,114.19	3,031.89	8.00	9.63	-69.98	491.98	570.47	554.11	537.49	16.62	33.331	
3,300.00	3,264.25	3,212.12	3,126.44	8.22	9.87	-70.80	511.19	587.24	572.74	555.66	17.08	33.528	
3,400.00	3,362.58	3,310.05	3,220.99	8.46	10.13	-71.57	530.39	604.01	591.47	573.92	17.56	33.687	
3,500.00	3,460.92	3,407.98	3,315.55	8.69	10.39	-72.29	549.60	620.77	610.30	592.25	18.05	33.813	
3,600.00	3,559.26	3,505.91	3,410.10	8.94	10.66	-72.97	568.81	637.54	629.22	610.66	18.56	33.908	
3,700.00	3,657.60	3,603.84	3,504.65	9.19	10.93	-73.60	588.01	654.30	648.22	629.14	19.08	33.978	
3,800.00	3,755.94	3,701.77	3,599.20	9.45	11.22	-74.21	607.22	671.07	667.29	647.68	19.61	34.027	
3,900.00	3,854.27	3,800.31	3,693.76	9.72	11.51	-74.77	626.42	687.84	686.42	666.27	20.16	34.054	
4,000.00	3,952.61	3,902.38	3,788.31	9.99	11.82	-75.31	645.63	704.60	705.62	684.90	20.72	34.049	
4,100.00	4,050.95	4,004.45	3,882.86	10.26	12.13	-75.82	664.84	721.37	724.88	703.58	21.30	34.030	
4,200.00	4,149.29	4,106.52	3,977.41	10.54	12.45	-76.30	684.04	738.14	744.19	722.30	21.89	33.999	
4,300.00	4,247.63	4,191.41	4,071.97	10.82	12.72	-76.76	703.25	754.90	763.55	741.11	22.43	34.036	
4,400.00	4,345.97	4,289.34	4,166.52	11.11	13.04	-77.20	722.45	771.67	782.95	759.92	23.02	34.006	
4,500.00	4,444.30	4,387.27	4,261.07	11.40	13.36	-77.61	741.66	788.43	802.39	778.77	23.62	33.969	
4,600.00	4,542.64	4,485.20	4,355.62	11.69	13.68	-78.01	760.87	805.20	821.88	797.65	24.23	33.926	
4,700.00	4,640.98	4,583.13	4,450.18	11.99	14.01	-78.38	780.07	821.97	841.39	816.56	24.84	33.878	
4,800.00	4,739.32	4,681.06	4,544.73	12.29	14.34	-78.74	799.28	838.73	860.95	835.49	25.45	33.826	
4,900.00	4,837.66	4,778.99	4,639.28	12.59	14.67	-79.09	818.48	855.50	880.53	854.46	26.07	33.771	
5,000.00	4,936.00	4,876.92	4,733.84	12.89	15.00	-79.42	837.69	872.26	900.14	873.44	26.70	33.714	
5,100.00	5,034.33	4,974.85	4,828.39	13.20	15.34	-79.73	856.90	889.03	919.78	892.45	27.33	33.654	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,132.67	5,072.78	4,922.94	13.51	15.68	-80.03	876.10	905.80	939.45	911.48	27.97	33.593	
5,300.00	5,231.01	5,170.71	5,017.49	13.82	16.03	-80.32	895.31	922.56	959.14	930.53	28.60	33.531	
5,400.00	5,329.35	5,268.64	5,112.05	14.13	16.37	-80.60	914.51	939.33	978.85	949.60	29.25	33.468	
5,500.00	5,427.69	5,366.56	5,206.60	14.44	16.72	-80.87	933.72	956.09	998.58	968.69	29.89	33.405	
5,600.00	5,526.02	5,464.49	5,301.15	14.76	17.07	-81.12	952.93	972.86	1,018.34	987.79	30.54	33.341	
5,700.00	5,624.36	5,562.42	5,395.70	15.08	17.42	-81.37	972.13	989.63	1,038.11	1,006.91	31.20	33.277	
5,800.00	5,722.70	5,660.35	5,490.26	15.39	17.77	-81.61	991.34	1,006.39	1,057.90	1,026.05	31.85	33.214	
5,900.00	5,821.04	5,758.28	5,584.81	15.71	18.13	-81.84	1,010.54	1,023.16	1,077.71	1,045.20	32.51	33.151	
6,000.00	5,919.38	5,856.21	5,679.36	16.03	18.48	-82.06	1,029.75	1,039.92	1,097.53	1,064.36	33.17	33.088	
6,100.00	6,017.72	5,954.14	5,773.91	16.35	18.84	-82.27	1,048.96	1,056.69	1,117.37	1,083.53	33.83	33.026	
6,200.00	6,116.05	6,052.07	5,868.47	16.68	19.20	-82.48	1,068.16	1,073.46	1,137.22	1,102.72	34.50	32.964	
6,300.00	6,214.39	6,150.00	5,963.02	17.00	19.56	-82.68	1,087.37	1,090.22	1,157.09	1,121.92	35.17	32.903	
6,400.00	6,312.73	6,247.93	6,057.57	17.33	19.92	-82.87	1,106.57	1,106.99	1,176.97	1,141.13	35.84	32.843	
6,500.00	6,411.07	6,345.86	6,152.12	17.65	20.28	-83.05	1,125.78	1,123.75	1,196.86	1,160.35	36.51	32.784	
6,600.00	6,509.41	6,449.05	6,251.83	17.98	20.65	-83.26	1,146.03	1,140.94	1,216.72	1,179.52	37.20	32.707	
6,700.00	6,608.03	6,570.86	6,370.93	18.27	20.96	-86.13	1,170.26	1,145.50	1,235.51	1,197.65	37.86	32.636	
6,800.00	6,707.89	6,688.09	6,484.34	18.44	21.17	99.88	1,193.36	1,127.97	1,254.26	1,215.97	38.29	32.755	
6,900.00	6,806.95	6,800.92	6,588.76	18.53	21.29	92.57	1,214.67	1,091.34	1,272.95	1,234.37	38.58	32.996	
7,000.00	6,902.79	6,909.55	6,681.79	18.56	21.33	89.18	1,233.70	1,038.86	1,291.18	1,252.43	38.75	33.320	
7,100.00	6,993.03	7,014.28	6,761.96	18.55	21.32	86.29	1,250.13	973.69	1,308.54	1,269.69	38.86	33.676	
7,200.00	7,075.46	7,115.45	6,828.46	18.51	21.26	83.69	1,263.79	898.83	1,324.62	1,285.67	38.95	34.007	
7,300.00	7,148.05	7,213.41	6,881.00	18.49	21.17	81.37	1,274.63	816.97	1,339.01	1,299.92	39.09	34.256	
7,400.00	7,209.00	7,308.51	6,919.66	18.51	21.06	79.35	1,282.66	730.56	1,351.32	1,312.00	39.32	34.366	
7,500.00	7,256.83	7,401.03	6,944.77	18.59	20.96	77.63	1,287.93	641.75	1,361.22	1,321.53	39.69	34.298	
7,600.00	7,290.34	7,491.25	6,956.86	18.76	20.89	76.23	1,290.55	552.45	1,368.43	1,328.22	40.21	34.028	
7,700.00	7,308.73	7,583.08	6,957.14	19.02	20.96	75.18	1,290.78	460.67	1,372.69	1,331.77	40.92	33.548	
7,800.00	7,311.63	7,682.82	6,954.49	19.37	21.38	74.89	1,290.42	360.97	1,373.19	1,331.33	41.86	32.808	
7,900.00	7,308.36	7,782.82	6,951.82	19.85	22.04	74.91	1,290.06	261.01	1,372.06	1,329.04	43.01	31.898	
8,000.00	7,305.09	7,882.81	6,949.16	20.46	22.84	74.92	1,289.71	161.05	1,370.93	1,326.54	44.39	30.885	
8,100.00	7,301.83	7,982.80	6,946.49	21.18	23.72	74.93	1,289.35	61.10	1,369.80	1,323.84	45.96	29.805	
8,200.00	7,298.56	8,082.80	6,943.83	22.01	24.69	74.95	1,288.99	-38.86	1,368.67	1,320.96	47.70	28.690	
8,300.00	7,295.30	8,182.79	6,941.16	22.93	25.72	74.96	1,288.63	-138.82	1,367.54	1,317.93	49.61	27.567	
8,400.00	7,292.03	8,282.78	6,938.50	23.93	26.81	74.97	1,288.27	-238.78	1,366.41	1,314.76	51.65	26.454	
8,500.00	7,288.76	8,382.78	6,935.83	25.01	27.95	74.99	1,287.91	-338.73	1,365.28	1,311.46	53.82	25.368	
8,600.00	7,285.50	8,482.77	6,933.17	26.14	29.14	75.00	1,287.55	-438.69	1,364.15	1,308.06	56.10	24.318	
8,700.00	7,282.23	8,582.76	6,930.51	27.34	30.37	75.01	1,287.20	-538.65	1,363.03	1,304.56	58.47	23.312	
8,800.00	7,278.96	8,682.75	6,927.84	28.58	31.64	75.03	1,286.84	-638.60	1,361.90	1,300.97	60.93	22.353	
8,900.00	7,275.70	8,782.75	6,925.18	29.86	32.94	75.04	1,286.48	-738.56	1,360.77	1,297.31	63.46	21.443	
9,000.00	7,272.43	8,882.74	6,922.51	31.18	34.28	75.06	1,286.12	-838.52	1,359.64	1,293.58	66.06	20.583	
9,100.00	7,269.17	8,982.73	6,919.85	32.54	35.64	75.07	1,285.76	-938.47	1,358.51	1,289.80	68.72	19.770	
9,200.00	7,265.90	9,082.73	6,917.18	33.92	37.02	75.08	1,285.40	-1,038.43	1,357.38	1,285.96	71.42	19.005	
9,300.00	7,262.63	9,182.72	6,914.52	35.33	38.43	75.10	1,285.05	-1,138.39	1,356.25	1,282.08	74.18	18.283	
9,400.00	7,259.37	9,282.71	6,911.86	36.76	39.85	75.11	1,284.69	-1,238.35	1,355.13	1,278.15	76.98	17.605	
9,500.00	7,256.10	9,382.71	6,909.19	38.21	41.29	75.12	1,284.33	-1,338.30	1,354.00	1,274.19	79.81	16.965	
9,600.00	7,252.84	9,482.70	6,906.53	39.67	42.75	75.14	1,283.97	-1,438.26	1,352.87	1,270.19	82.68	16.364	
9,700.00	7,249.57	9,582.69	6,903.86	41.16	44.23	75.15	1,283.61	-1,538.22	1,351.74	1,266.17	85.57	15.797	
9,800.00	7,246.30	9,682.69	6,901.20	42.65	45.71	75.16	1,283.25	-1,638.17	1,350.61	1,262.12	88.49	15.262	
9,900.00	7,243.04	9,782.68	6,898.53	44.16	47.21	75.18	1,282.90	-1,738.13	1,349.49	1,258.05	91.44	14.758	
10,000.00	7,239.77	9,882.67	6,895.87	45.68	48.72	75.19	1,282.54	-1,838.09	1,348.36	1,253.95	94.41	14.282	
10,100.00	7,236.50	9,982.67	6,893.20	47.21	50.24	75.21	1,282.18	-1,938.04	1,347.23	1,249.83	97.40	13.832	
10,200.00	7,233.24	10,082.66	6,890.54	48.75	51.77	75.22	1,281.82	-2,038.00	1,346.10	1,245.70	100.41	13.407	
10,300.00	7,229.97	10,182.65	6,887.88	50.30	53.30	75.23	1,281.46	-2,137.96	1,344.98	1,241.55	103.43	13.004	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	7,226.71	10,282.64	6,885.21	51.86	54.85	75.25	1,281.10	-2,237.92	1,343.85	1,237.38	106.47	12.622	
10,500.00	7,223.44	10,382.64	6,882.55	53.42	56.40	75.26	1,280.74	-2,337.87	1,342.72	1,233.20	109.52	12.260	
10,600.00	7,220.17	10,482.63	6,879.88	54.99	57.95	75.28	1,280.39	-2,437.83	1,341.59	1,229.01	112.59	11.916	
10,700.00	7,216.91	10,582.62	6,877.22	56.57	59.52	75.29	1,280.03	-2,537.79	1,340.47	1,224.80	115.67	11.589	
10,800.00	7,213.64	10,682.62	6,874.55	58.15	61.09	75.30	1,279.67	-2,637.74	1,339.34	1,220.59	118.75	11.278	
10,900.00	7,210.38	10,782.61	6,871.89	59.74	62.66	75.32	1,279.31	-2,737.70	1,338.21	1,216.36	121.85	10.982	
11,000.00	7,207.11	10,882.60	6,869.23	61.33	64.24	75.33	1,278.95	-2,837.66	1,337.09	1,212.12	124.96	10.700	
11,100.00	7,203.84	10,982.60	6,866.56	62.92	65.82	75.35	1,278.59	-2,937.61	1,335.96	1,207.88	128.08	10.431	
11,200.00	7,200.58	11,082.59	6,863.90	64.52	67.41	75.36	1,278.24	-3,037.57	1,334.83	1,203.63	131.20	10.174	
11,300.00	7,197.31	11,182.58	6,861.23	66.12	69.00	75.37	1,277.88	-3,137.53	1,333.71	1,199.37	134.34	9.928	
11,400.00	7,194.05	11,282.58	6,858.57	67.73	70.60	75.39	1,277.52	-3,237.48	1,332.58	1,195.10	137.48	9.693	
11,500.00	7,190.78	11,382.57	6,855.90	69.34	72.20	75.40	1,277.16	-3,337.44	1,331.45	1,190.83	140.62	9.468	
11,600.00	7,187.51	11,482.56	6,853.24	70.95	73.80	75.42	1,276.80	-3,437.40	1,330.33	1,186.55	143.77	9.253	
11,700.00	7,184.25	11,582.56	6,850.57	72.57	75.40	75.43	1,276.44	-3,537.36	1,329.20	1,182.27	146.93	9.046	
11,800.00	7,180.98	11,682.55	6,847.91	74.18	77.01	75.44	1,276.09	-3,637.31	1,328.07	1,177.98	150.10	8.848	
11,900.00	7,177.71	11,782.54	6,845.25	75.80	78.62	75.46	1,275.73	-3,737.27	1,326.95	1,173.68	153.26	8.658	
12,000.00	7,174.45	11,882.53	6,842.58	77.43	80.23	75.47	1,275.37	-3,837.23	1,325.82	1,169.38	156.44	8.475	
12,100.00	7,171.18	11,982.53	6,839.92	79.05	81.85	75.49	1,275.01	-3,937.18	1,324.70	1,165.08	159.62	8.299	
12,200.00	7,167.92	12,082.52	6,837.25	80.68	83.47	75.50	1,274.65	-4,037.14	1,323.57	1,160.77	162.80	8.130	
12,300.00	7,164.65	12,182.51	6,834.59	82.30	85.08	75.52	1,274.29	-4,137.10	1,322.44	1,156.46	165.99	7.967	
12,400.00	7,161.38	12,282.51	6,831.92	83.93	86.71	75.53	1,273.93	-4,237.05	1,321.32	1,152.14	169.18	7.810	
12,500.00	7,158.12	12,382.50	6,829.26	85.56	88.33	75.54	1,273.58	-4,337.01	1,320.19	1,147.82	172.37	7.659	
12,600.00	7,154.85	12,482.49	6,826.60	87.20	89.95	75.56	1,273.22	-4,436.97	1,319.07	1,143.50	175.57	7.513	
12,700.00	7,151.59	12,582.49	6,823.93	88.83	91.58	75.57	1,272.86	-4,536.93	1,317.94	1,139.17	178.77	7.372	
12,800.00	7,148.32	12,682.48	6,821.27	90.47	93.21	75.59	1,272.50	-4,636.88	1,316.82	1,134.84	181.97	7.236	
12,900.00	7,145.05	12,782.47	6,818.60	92.11	94.84	75.60	1,272.14	-4,736.84	1,315.69	1,130.51	185.18	7.105	
13,000.00	7,141.79	12,882.47	6,815.94	93.74	96.47	75.62	1,271.78	-4,836.80	1,314.56	1,126.17	188.39	6.978	
13,100.00	7,138.52	12,982.46	6,813.27	95.38	98.10	75.63	1,271.43	-4,936.75	1,313.44	1,121.84	191.60	6.855	
13,200.00	7,135.25	13,082.45	6,810.61	97.02	99.73	75.65	1,271.07	-5,036.71	1,312.31	1,117.49	194.82	6.736	
13,300.00	7,131.99	13,182.44	6,807.94	98.67	101.37	75.66	1,270.71	-5,136.67	1,311.19	1,113.15	198.04	6.621	
13,400.00	7,128.72	13,282.44	6,805.28	100.31	103.00	75.67	1,270.35	-5,236.62	1,310.06	1,108.81	201.26	6.509	
13,500.00	7,125.46	13,382.43	6,802.62	101.95	104.64	75.69	1,269.99	-5,336.58	1,308.94	1,104.46	204.48	6.401	
13,600.00	7,122.19	13,482.42	6,799.95	103.60	106.28	75.70	1,269.63	-5,436.54	1,307.81	1,100.11	207.71	6.296	
13,700.00	7,118.92	13,582.42	6,797.29	105.24	107.92	75.72	1,269.28	-5,536.50	1,306.69	1,095.76	210.93	6.195	
13,800.00	7,115.66	13,682.41	6,794.62	106.89	109.56	75.73	1,268.92	-5,636.45	1,305.57	1,091.40	214.16	6.096	
13,900.00	7,112.39	13,782.40	6,791.96	108.54	111.20	75.75	1,268.56	-5,736.41	1,304.44	1,087.05	217.39	6.000	
14,000.00	7,109.13	13,882.40	6,789.29	110.18	112.84	75.76	1,268.20	-5,836.37	1,303.32	1,082.69	220.63	5.907	
14,100.00	7,105.86	13,982.39	6,786.63	111.83	114.48	75.78	1,267.84	-5,936.32	1,302.19	1,078.33	223.86	5.817	
14,200.00	7,102.59	14,082.38	6,783.97	113.48	116.13	75.79	1,267.48	-6,036.28	1,301.07	1,073.97	227.10	5.729	
14,300.00	7,099.33	14,182.38	6,781.30	115.13	117.77	75.81	1,267.12	-6,136.24	1,299.94	1,069.61	230.33	5.644	
14,400.00	7,096.06	14,282.37	6,778.64	116.78	119.42	75.82	1,266.77	-6,236.19	1,298.82	1,065.24	233.57	5.561	
14,500.00	7,092.79	14,382.36	6,775.97	118.43	121.06	75.84	1,266.41	-6,336.15	1,297.70	1,060.88	236.82	5.480	
14,600.00	7,089.53	14,482.36	6,773.31	120.09	122.71	75.85	1,266.05	-6,436.11	1,296.57	1,056.51	240.06	5.401	
14,700.00	7,086.26	14,582.35	6,770.64	121.74	124.36	75.87	1,265.69	-6,536.06	1,295.45	1,052.14	243.30	5.324	
14,800.00	7,083.00	14,682.34	6,767.98	123.39	126.00	75.88	1,265.33	-6,636.02	1,294.32	1,047.77	246.55	5.250	
14,900.00	7,079.73	14,782.33	6,765.31	125.05	127.65	75.90	1,264.97	-6,735.98	1,293.20	1,043.40	249.80	5.177	
15,000.00	7,076.46	14,882.33	6,762.65	126.70	129.30	75.91	1,264.62	-6,835.94	1,292.08	1,039.03	253.04	5.106	
15,100.00	7,073.20	14,982.32	6,759.99	128.35	130.95	75.93	1,264.26	-6,935.89	1,290.95	1,034.66	256.29	5.037	
15,200.00	7,069.93	15,082.31	6,757.32	130.01	132.60	75.94	1,263.90	-7,035.85	1,289.83	1,030.28	259.55	4.970	
15,300.00	7,066.67	15,182.31	6,754.66	131.66	134.25	75.96	1,263.54	-7,135.81	1,288.71	1,025.91	262.80	4.904	
15,400.00	7,063.40	15,282.30	6,751.99	133.32	135.90	75.97	1,263.18	-7,235.76	1,287.58	1,021.53	266.05	4.840	
15,500.00	7,060.13	15,382.29	6,749.33	134.98	137.55	75.99	1,262.82	-7,335.72	1,286.46	1,017.15	269.31	4.777	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	7,056.87	15,482.29	6,746.66	136.63	139.21	76.00	1,262.47	-7,435.68	1,285.34	1,012.78	272.56	4.716	
15,634.69	7,055.73	15,516.97	6,745.74	137.21	139.78	76.01	1,262.34	-7,470.35	1,284.95	1,011.26	273.69	4.695 SF	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	90.46	-1.46	180.13	180.14				
100.00	100.00	102.00	102.00	3.28	3.28	90.46	-1.46	180.13	180.14	172.61	7.53	23.925	
200.00	200.00	202.00	202.00	3.31	3.31	90.46	-1.46	180.13	180.14	172.56	7.57	23.782	CC, ES
300.00	300.00	298.26	298.24	3.35	3.35	90.04	-0.11	181.15	181.19	173.53	7.66	23.649	
400.00	400.00	394.38	394.23	3.42	3.42	88.82	3.79	184.12	184.32	176.53	7.79	23.666	
500.00	500.00	490.06	489.56	3.50	3.50	86.90	10.23	189.00	189.69	181.73	7.95	23.850	
600.00	600.00	585.09	583.93	3.61	3.61	84.42	19.13	195.76	197.52	189.36	8.16	24.220	
700.00	700.00	679.28	677.05	3.73	3.75	81.54	30.40	204.31	208.07	199.67	8.39	24.796	
800.00	800.00	772.44	768.64	3.87	3.91	78.43	43.95	214.59	221.57	212.92	8.66	25.589	
900.00	899.98	864.58	858.64	4.02	4.11	-16.78	59.67	226.53	236.59	227.65	8.94	26.468	
1,000.00	999.84	955.78	947.05	4.17	4.35	-20.18	77.49	240.06	251.74	242.51	9.23	27.281	
1,100.00	1,099.45	1,051.30	1,039.08	4.33	4.64	-23.84	97.88	255.53	266.65	257.07	9.58	27.840	
1,200.00	1,198.70	1,148.79	1,132.97	4.52	4.96	-27.49	118.76	271.38	279.68	269.71	9.97	28.046	
1,300.00	1,297.47	1,246.34	1,226.92	4.73	5.31	-31.14	139.65	287.24	290.86	280.47	10.40	27.971	
1,400.00	1,395.82	1,343.87	1,320.86	4.97	5.68	-34.83	160.54	303.09	301.22	290.37	10.85	27.751	
1,500.00	1,494.16	1,441.40	1,414.80	5.23	6.06	-38.31	181.44	318.95	312.73	301.38	11.35	27.561	
1,600.00	1,592.50	1,538.93	1,508.74	5.51	6.46	-41.54	202.33	334.81	325.33	313.46	11.87	27.410	
1,700.00	1,690.83	1,636.46	1,602.67	5.79	6.86	-44.53	223.22	350.67	338.91	326.49	12.42	27.291	
1,800.00	1,789.17	1,733.99	1,696.61	6.10	7.28	-47.29	244.11	366.52	353.34	340.35	12.99	27.195	
1,900.00	1,887.51	1,831.52	1,790.55	6.26	7.64	-49.83	265.00	382.38	368.53	355.35	13.19	27.951	
2,000.00	1,985.85	1,929.05	1,884.49	6.30	7.83	-52.17	285.89	398.24	384.40	371.22	13.17	29.183	
2,100.00	2,084.19	2,026.58	1,978.42	6.35	7.90	-54.33	306.78	414.09	400.85	387.58	13.27	30.218	
2,200.00	2,182.53	2,124.11	2,072.36	6.43	7.99	-56.31	327.68	429.95	417.82	404.42	13.40	31.183	
2,300.00	2,280.86	2,221.64	2,166.30	6.52	8.10	-58.15	348.57	445.81	435.26	421.68	13.57	32.069	
2,400.00	2,379.20	2,319.17	2,260.23	6.63	8.22	-59.84	369.46	461.67	453.09	439.31	13.78	32.874	
2,500.00	2,477.54	2,416.70	2,354.17	6.75	8.36	-61.41	390.35	477.52	471.29	457.26	14.03	33.595	
2,600.00	2,575.88	2,514.23	2,448.11	6.89	8.52	-62.86	411.24	493.38	489.81	475.50	14.31	34.233	
2,700.00	2,674.22	2,611.76	2,542.05	7.05	8.70	-64.20	432.13	509.24	508.62	494.00	14.62	34.792	
2,800.00	2,772.55	2,709.29	2,635.98	7.21	8.88	-65.45	453.02	525.09	527.68	512.72	14.96	35.275	
2,900.00	2,870.89	2,806.82	2,729.92	7.39	9.09	-66.62	473.91	540.95	546.96	531.64	15.33	35.689	
3,000.00	2,969.23	2,904.35	2,823.86	7.59	9.30	-67.70	494.81	556.81	566.45	550.74	15.72	36.039	
3,100.00	3,067.57	3,001.88	2,917.79	7.79	9.52	-68.71	515.70	572.67	586.13	570.00	16.13	36.331	
3,200.00	3,165.91	3,100.59	3,011.73	8.00	9.76	-69.66	536.59	588.52	605.97	589.40	16.57	36.565	
3,300.00	3,264.25	3,203.06	3,105.67	8.22	10.02	-70.55	557.48	604.38	625.96	608.92	17.04	36.735	
3,400.00	3,362.58	3,305.53	3,199.61	8.46	10.29	-71.38	578.37	620.24	646.09	628.57	17.53	36.863	
3,500.00	3,460.92	3,408.00	3,293.54	8.69	10.57	-72.16	599.26	636.09	666.35	648.32	18.03	36.956	
3,600.00	3,559.26	3,489.53	3,387.48	8.94	10.80	-72.90	620.15	651.95	686.71	668.21	18.50	37.123	
3,700.00	3,657.60	3,587.06	3,481.42	9.19	11.08	-73.60	641.04	667.81	707.18	688.16	19.02	37.184	
3,800.00	3,755.94	3,684.59	3,575.35	9.45	11.37	-74.25	661.94	683.67	727.75	708.20	19.55	37.222	
3,900.00	3,854.27	3,782.12	3,669.29	9.72	11.66	-74.87	682.83	699.52	748.40	728.30	20.10	37.241	
4,000.00	3,952.61	3,879.65	3,763.23	9.99	11.96	-75.46	703.72	715.38	769.13	748.48	20.65	37.243	
4,100.00	4,050.95	3,977.18	3,857.17	10.26	12.26	-76.01	724.61	731.24	789.94	768.72	21.22	37.231	
4,200.00	4,149.29	4,074.71	3,951.10	10.54	12.57	-76.54	745.50	747.09	810.81	789.02	21.79	37.207	
4,300.00	4,247.63	4,172.24	4,045.04	10.82	12.89	-77.04	766.39	762.95	831.74	809.37	22.37	37.173	
4,400.00	4,345.97	4,269.77	4,138.98	11.11	13.20	-77.52	787.28	778.81	852.74	829.77	22.97	37.131	
4,500.00	4,444.30	4,367.30	4,232.91	11.40	13.53	-77.97	808.17	794.67	873.79	850.22	23.56	37.082	
4,600.00	4,542.64	4,464.83	4,326.85	11.69	13.85	-78.41	829.07	810.52	894.88	870.72	24.17	37.027	
4,700.00	4,640.98	4,562.36	4,420.79	11.99	14.18	-78.82	849.96	826.38	916.03	891.25	24.78	36.968	
4,800.00	4,739.32	4,659.89	4,514.73	12.29	14.52	-79.21	870.85	842.24	937.22	911.82	25.40	36.904	
4,900.00	4,837.66	4,757.42	4,608.66	12.59	14.85	-79.59	891.74	858.09	958.45	932.43	26.02	36.838	
5,000.00	4,936.00	4,854.95	4,702.60	12.89	15.19	-79.95	912.63	873.95	979.71	953.07	26.64	36.770	
5,100.00	5,034.33	4,952.48	4,796.54	13.20	15.53	-80.30	933.52	889.81	1,001.02	973.74	27.28	36.699	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,132.67	5,050.00	4,890.47	13.51	15.88	-80.63	954.41	905.66	1,022.35	994.44	27.91	36.628		
5,300.00	5,231.01	5,147.53	4,984.41	13.82	16.22	-80.94	975.30	921.52	1,043.72	1,015.17	28.55	36.555		
5,400.00	5,329.35	5,245.06	5,078.35	14.13	16.57	-81.25	996.20	937.38	1,065.12	1,035.92	29.20	36.483		
5,500.00	5,427.69	5,342.59	5,172.29	14.44	16.92	-81.54	1,017.09	953.24	1,086.54	1,056.70	29.84	36.409		
5,600.00	5,526.02	5,440.12	5,266.22	14.76	17.28	-81.82	1,037.98	969.09	1,107.99	1,077.50	30.49	36.336		
5,700.00	5,624.36	5,537.65	5,360.16	15.08	17.63	-82.09	1,058.87	984.95	1,129.47	1,098.32	31.15	36.264		
5,800.00	5,722.70	5,635.18	5,454.10	15.39	17.99	-82.35	1,079.76	1,000.81	1,150.96	1,119.16	31.80	36.191		
5,900.00	5,821.04	5,732.71	5,548.04	15.71	18.35	-82.61	1,100.65	1,016.66	1,172.48	1,140.02	32.46	36.119		
6,000.00	5,919.38	5,830.24	5,641.97	16.03	18.70	-82.85	1,121.54	1,032.52	1,194.03	1,160.90	33.12	36.048		
6,100.00	6,017.72	5,927.77	5,735.91	16.35	19.07	-83.08	1,142.44	1,048.38	1,215.59	1,181.80	33.79	35.978		
6,200.00	6,116.05	6,025.30	5,829.85	16.68	19.43	-83.31	1,163.33	1,064.24	1,237.17	1,202.71	34.45	35.908		
6,300.00	6,214.39	6,122.83	5,923.78	17.00	19.79	-83.52	1,184.22	1,080.09	1,258.76	1,223.64	35.12	35.839		
6,400.00	6,312.73	6,220.36	6,017.72	17.33	20.16	-83.73	1,205.11	1,095.95	1,280.38	1,244.58	35.79	35.772		
6,500.00	6,411.07	6,317.89	6,111.66	17.65	20.52	-83.94	1,226.00	1,111.81	1,302.01	1,265.54	36.47	35.705		
6,600.00	6,509.41	6,415.42	6,205.60	17.98	20.89	-84.14	1,246.89	1,127.66	1,323.65	1,286.51	37.14	35.640		
6,700.00	6,608.03	6,512.94	6,299.52	18.27	21.26	-86.40	1,267.78	1,143.52	1,345.53	1,307.75	37.78	35.612		
6,800.00	6,707.89	6,615.67	6,398.57	18.44	21.63	100.74	1,289.82	1,159.45	1,368.84	1,330.55	38.28	35.756		
6,900.00	6,806.95	6,737.48	6,517.25	18.53	21.95	94.73	1,316.36	1,161.65	1,392.29	1,353.59	38.70	35.977		
7,000.00	6,902.79	6,863.25	6,637.84	18.56	22.19	92.52	1,343.53	1,139.61	1,414.81	1,375.81	39.00	36.277		
7,100.00	6,993.03	6,992.30	6,754.67	18.55	22.33	90.63	1,370.06	1,092.25	1,435.75	1,396.54	39.20	36.623		
7,200.00	7,075.46	7,123.52	6,861.40	18.51	22.37	88.83	1,394.54	1,020.37	1,454.49	1,415.13	39.36	36.957		
7,300.00	7,148.05	7,255.43	6,951.90	18.49	22.33	87.10	1,415.56	927.06	1,470.54	1,431.01	39.53	37.204		
7,400.00	7,209.00	7,386.38	7,021.27	18.51	22.21	85.46	1,431.99	817.49	1,483.51	1,443.71	39.80	37.272		
7,500.00	7,256.83	7,514.75	7,066.64	18.59	22.04	83.93	1,443.12	698.16	1,493.17	1,452.93	40.24	37.104		
7,600.00	7,290.34	7,639.18	7,087.48	18.76	21.84	82.56	1,448.80	575.82	1,499.38	1,458.51	40.87	36.685		
7,700.00	7,308.73	7,749.70	7,087.79	19.02	21.70	81.52	1,449.78	465.37	1,502.28	1,460.62	41.66	36.059		
7,800.00	7,311.63	7,849.44	7,085.14	19.37	22.12	81.26	1,450.00	365.65	1,502.74	1,460.15	42.59	35.287		
7,900.00	7,308.36	7,949.44	7,082.48	19.85	22.85	81.28	1,450.23	265.69	1,502.23	1,458.50	43.73	34.350		
8,000.00	7,305.09	8,049.44	7,079.83	20.46	23.68	81.30	1,450.46	165.73	1,501.72	1,456.62	45.10	33.297		
8,100.00	7,301.83	8,149.44	7,077.17	21.18	24.58	81.32	1,450.69	65.77	1,501.21	1,454.55	46.67	32.168		
8,200.00	7,298.56	8,249.43	7,074.51	22.01	25.54	81.34	1,450.92	-34.19	1,500.71	1,452.29	48.42	30.996		
8,300.00	7,295.30	8,349.43	7,071.85	22.93	26.57	81.36	1,451.15	-134.15	1,500.20	1,449.87	50.33	29.809		
8,400.00	7,292.03	8,449.43	7,069.19	23.93	27.66	81.38	1,451.38	-234.12	1,499.70	1,447.31	52.38	28.629		
8,500.00	7,288.76	8,549.43	7,066.54	25.01	28.79	81.40	1,451.61	-334.08	1,499.19	1,444.62	54.57	27.475		
8,600.00	7,285.50	8,649.42	7,063.88	26.14	29.97	81.42	1,451.84	-434.04	1,498.68	1,441.82	56.86	26.357		
8,700.00	7,282.23	8,749.42	7,061.22	27.34	31.19	81.44	1,452.07	-534.00	1,498.18	1,438.92	59.25	25.284		
8,800.00	7,278.96	8,849.42	7,058.56	28.58	32.45	81.46	1,452.30	-633.96	1,497.67	1,435.94	61.74	24.259		
8,900.00	7,275.70	8,949.41	7,055.91	29.86	33.74	81.49	1,452.53	-733.92	1,497.17	1,432.87	64.30	23.286		
9,000.00	7,272.43	9,049.41	7,053.25	31.18	35.06	81.51	1,452.75	-833.89	1,496.66	1,429.74	66.92	22.364		
9,100.00	7,269.17	9,149.41	7,050.59	32.54	36.41	81.53	1,452.98	-933.85	1,496.16	1,426.55	69.61	21.493		
9,200.00	7,265.90	9,249.41	7,047.93	33.92	37.78	81.55	1,453.21	-1,033.81	1,495.65	1,423.30	72.35	20.672		
9,300.00	7,262.63	9,349.40	7,045.28	35.33	39.18	81.57	1,453.44	-1,133.77	1,495.15	1,420.01	75.14	19.898		
9,400.00	7,259.37	9,449.40	7,042.62	36.76	40.59	81.59	1,453.67	-1,233.73	1,494.64	1,416.67	77.97	19.169		
9,500.00	7,256.10	9,549.40	7,039.96	38.21	42.03	81.61	1,453.90	-1,333.70	1,494.14	1,413.30	80.84	18.483		
9,600.00	7,252.84	9,649.40	7,037.30	39.67	43.47	81.63	1,454.13	-1,433.66	1,493.64	1,409.89	83.74	17.836		
9,700.00	7,249.57	9,749.39	7,034.64	41.16	44.94	81.65	1,454.36	-1,533.62	1,493.13	1,406.45	86.68	17.226		
9,800.00	7,246.30	9,849.39	7,031.99	42.65	46.42	81.67	1,454.59	-1,633.58	1,492.63	1,402.99	89.64	16.651		
9,900.00	7,243.04	9,949.39	7,029.33	44.16	47.90	81.69	1,454.82	-1,733.54	1,492.12	1,399.50	92.63	16.109		
10,000.00	7,239.77	10,049.38	7,026.67	45.68	49.41	81.71	1,455.05	-1,833.50	1,491.62	1,395.99	95.64	15.597		
10,100.00	7,236.50	10,149.38	7,024.01	47.21	50.92	81.73	1,455.28	-1,933.47	1,491.12	1,392.45	98.67	15.113		
10,200.00	7,233.24	10,249.38	7,021.36	48.75	52.44	81.76	1,455.51	-2,033.43	1,490.62	1,388.90	101.71	14.655		
10,300.00	7,229.97	10,349.38	7,018.70	50.30	53.96	81.78	1,455.73	-2,133.39	1,490.11	1,385.33	104.78	14.221		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	7,226.71	10,449.37	7,016.04	51.86	55.50	81.80	1,455.96	-2,233.35	1,489.61	1,381.75	107.86	13.810	
10,500.00	7,223.44	10,549.37	7,013.38	53.42	57.05	81.82	1,456.19	-2,333.31	1,489.11	1,378.15	110.96	13.421	
10,600.00	7,220.17	10,649.37	7,010.73	54.99	58.60	81.84	1,456.42	-2,433.27	1,488.61	1,374.54	114.07	13.050	
10,700.00	7,216.91	10,749.37	7,008.07	56.57	60.15	81.86	1,456.65	-2,533.24	1,488.11	1,370.92	117.19	12.699	
10,800.00	7,213.64	10,849.36	7,005.41	58.15	61.72	81.88	1,456.88	-2,633.20	1,487.60	1,367.28	120.32	12.364	
10,900.00	7,210.38	10,949.36	7,002.75	59.74	63.29	81.90	1,457.11	-2,733.16	1,487.10	1,363.64	123.46	12.045	
11,000.00	7,207.11	11,049.36	7,000.09	61.33	64.86	81.92	1,457.34	-2,833.12	1,486.60	1,359.99	126.61	11.741	
11,100.00	7,203.84	11,149.35	6,997.44	62.92	66.44	81.94	1,457.57	-2,933.08	1,486.10	1,356.32	129.78	11.451	
11,200.00	7,200.58	11,249.35	6,994.78	64.52	68.02	81.96	1,457.80	-3,033.04	1,485.60	1,352.65	132.95	11.174	
11,300.00	7,197.31	11,349.35	6,992.12	66.12	69.61	81.99	1,458.03	-3,133.01	1,485.10	1,348.98	136.12	10.910	
11,400.00	7,194.05	11,449.35	6,989.46	67.73	71.20	82.01	1,458.26	-3,232.97	1,484.60	1,345.29	139.31	10.657	
11,500.00	7,190.78	11,549.34	6,986.81	69.34	72.79	82.03	1,458.48	-3,332.93	1,484.10	1,341.60	142.50	10.415	
11,600.00	7,187.51	11,649.34	6,984.15	70.95	74.39	82.05	1,458.71	-3,432.89	1,483.60	1,337.90	145.70	10.183	
11,700.00	7,184.25	11,749.34	6,981.49	72.57	75.99	82.07	1,458.94	-3,532.85	1,483.10	1,334.20	148.90	9.960	
11,800.00	7,180.98	11,849.34	6,978.83	74.18	77.59	82.09	1,459.17	-3,632.81	1,482.60	1,330.49	152.11	9.747	
11,900.00	7,177.71	11,949.33	6,976.17	75.80	79.20	82.11	1,459.40	-3,732.78	1,482.10	1,326.78	155.32	9.542	
12,000.00	7,174.45	12,049.33	6,973.52	77.43	80.81	82.13	1,459.63	-3,832.74	1,481.60	1,323.06	158.54	9.345	
12,100.00	7,171.18	12,149.33	6,970.86	79.05	82.42	82.15	1,459.86	-3,932.70	1,481.10	1,319.33	161.77	9.156	
12,200.00	7,167.92	12,249.32	6,968.20	80.68	84.03	82.17	1,460.09	-4,032.66	1,480.60	1,315.61	165.00	8.974	
12,300.00	7,164.65	12,349.32	6,965.54	82.30	85.65	82.20	1,460.32	-4,132.62	1,480.10	1,311.88	168.23	8.798	
12,400.00	7,161.38	12,449.32	6,962.89	83.93	87.27	82.22	1,460.55	-4,232.58	1,479.61	1,308.14	171.46	8.629	
12,500.00	7,158.12	12,549.32	6,960.23	85.56	88.89	82.24	1,460.78	-4,332.55	1,479.11	1,304.40	174.70	8.466	
12,600.00	7,154.85	12,649.31	6,957.57	87.20	90.51	82.26	1,461.01	-4,432.51	1,478.61	1,300.66	177.95	8.309	
12,700.00	7,151.59	12,749.31	6,954.91	88.83	92.13	82.28	1,461.23	-4,532.47	1,478.11	1,296.92	181.20	8.158	
12,800.00	7,148.32	12,849.31	6,952.26	90.47	93.76	82.30	1,461.46	-4,632.43	1,477.61	1,293.17	184.45	8.011	
12,900.00	7,145.05	12,949.30	6,949.60	92.11	95.39	82.32	1,461.69	-4,732.39	1,477.12	1,289.42	187.70	7.870	
13,000.00	7,141.79	13,049.30	6,946.94	93.74	97.01	82.34	1,461.92	-4,832.35	1,476.62	1,285.66	190.95	7.733	
13,100.00	7,138.52	13,149.30	6,944.28	95.38	98.64	82.37	1,462.15	-4,932.32	1,476.12	1,281.91	194.21	7.601	
13,200.00	7,135.25	13,249.30	6,941.62	97.02	100.28	82.39	1,462.38	-5,032.28	1,475.63	1,278.15	197.48	7.472	
13,300.00	7,131.99	13,349.29	6,938.97	98.67	101.91	82.41	1,462.61	-5,132.24	1,475.13	1,274.39	200.74	7.348	
13,400.00	7,128.72	13,449.29	6,936.31	100.31	103.54	82.43	1,462.84	-5,232.20	1,474.63	1,270.63	204.01	7.228	
13,500.00	7,125.46	13,549.29	6,933.65	101.95	105.18	82.45	1,463.07	-5,332.16	1,474.14	1,266.86	207.27	7.112	
13,600.00	7,122.19	13,649.29	6,930.99	103.60	106.81	82.47	1,463.30	-5,432.12	1,473.64	1,263.10	210.54	6.999	
13,700.00	7,118.92	13,749.28	6,928.34	105.24	108.45	82.49	1,463.53	-5,532.09	1,473.15	1,259.33	213.82	6.890	
13,800.00	7,115.66	13,849.28	6,925.68	106.89	110.09	82.51	1,463.76	-5,632.05	1,472.65	1,255.56	217.09	6.784	
13,900.00	7,112.39	13,949.28	6,923.02	108.54	111.73	82.54	1,463.99	-5,732.01	1,472.15	1,251.79	220.37	6.680	
14,000.00	7,109.13	14,049.27	6,920.36	110.18	113.37	82.56	1,464.21	-5,831.97	1,471.66	1,248.01	223.65	6.580	
14,100.00	7,105.86	14,149.27	6,917.71	111.83	115.01	82.58	1,464.44	-5,931.93	1,471.16	1,244.24	226.93	6.483	
14,200.00	7,102.59	14,249.27	6,915.05	113.48	116.65	82.60	1,464.67	-6,031.89	1,470.67	1,240.46	230.21	6.388	
14,300.00	7,099.33	14,349.27	6,912.39	115.13	118.29	82.62	1,464.90	-6,131.86	1,470.17	1,236.68	233.49	6.296	
14,400.00	7,096.06	14,449.26	6,909.73	116.78	119.94	82.64	1,465.13	-6,231.82	1,469.68	1,232.90	236.78	6.207	
14,500.00	7,092.79	14,549.26	6,907.07	118.43	121.58	82.66	1,465.36	-6,331.78	1,469.19	1,229.12	240.07	6.120	
14,600.00	7,089.53	14,649.26	6,904.42	120.09	123.23	82.69	1,465.59	-6,431.74	1,468.69	1,225.34	243.35	6.035	
14,700.00	7,086.26	14,749.26	6,901.76	121.74	124.87	82.71	1,465.82	-6,531.70	1,468.20	1,221.56	246.64	5.953	
14,800.00	7,083.00	14,849.25	6,899.10	123.39	126.52	82.73	1,466.05	-6,631.66	1,467.71	1,217.77	249.93	5.872	
14,900.00	7,079.73	14,949.25	6,896.44	125.05	128.17	82.75	1,466.28	-6,731.63	1,467.21	1,213.99	253.23	5.794	
15,000.00	7,076.46	15,049.25	6,893.79	126.70	129.81	82.77	1,466.51	-6,831.59	1,466.72	1,210.20	256.52	5.718	
15,100.00	7,073.20	15,149.24	6,891.13	128.35	131.46	82.79	1,466.74	-6,931.55	1,466.23	1,206.41	259.82	5.643	
15,200.00	7,069.93	15,249.24	6,888.47	130.01	133.11	82.81	1,466.96	-7,031.51	1,465.73	1,202.62	263.11	5.571	
15,300.00	7,066.67	15,349.24	6,885.81	131.66	134.76	82.84	1,467.19	-7,131.47	1,465.24	1,198.83	266.41	5.500	
15,400.00	7,063.40	15,449.24	6,883.16	133.32	136.41	82.86	1,467.42	-7,231.43	1,464.75	1,195.04	269.71	5.431	
15,500.00	7,060.13	15,549.23	6,880.50	134.98	138.06	82.88	1,467.65	-7,331.40	1,464.26	1,191.25	273.01	5.363	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,056.87	15,649.23	6,877.84	136.63	139.71	82.90	1,467.88	-7,431.36	1,463.77	1,187.46	276.31	5.298	
15,634.69	7,055.73	15,683.92	6,876.92	137.21	140.29	82.91	1,467.96	-7,466.03	1,463.59	1,186.14	277.45	5.275 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.69	-0.73	60.14	60.14				
100.00	100.00	100.00	100.00	3.28	3.28	90.69	-0.73	60.14	60.14	52.61	7.53	7.988	
200.00	200.00	200.00	200.00	3.31	3.31	90.69	-0.73	60.14	60.14	52.57	7.57	7.941	
203.36	203.36	203.36	203.36	3.31	3.31	90.69	-0.73	60.14	60.14	52.56	7.58	7.938 CC, ES	
300.00	300.00	299.04	299.03	3.35	3.35	90.55	-0.58	60.53	60.54	52.88	7.66	7.901	
400.00	400.00	397.00	396.93	3.42	3.41	89.45	0.61	63.66	63.74	55.95	7.79	8.186	
500.00	500.00	494.61	494.32	3.50	3.50	87.56	2.98	69.89	70.19	62.24	7.95	8.833	
600.00	600.00	591.66	590.86	3.61	3.61	85.31	6.49	79.16	79.95	71.81	8.14	9.824	
700.00	700.00	687.93	686.23	3.73	3.74	83.06	11.13	91.37	93.07	84.71	8.36	11.130	
800.00	800.00	784.50	781.44	3.87	3.91	81.01	16.84	106.41	109.33	100.70	8.62	12.677	
900.00	899.98	883.24	878.69	4.02	4.11	-12.71	22.92	122.41	124.67	115.75	8.92	13.972	
1,000.00	999.84	982.43	976.38	4.17	4.33	-14.40	29.02	138.48	136.75	127.51	9.24	14.799	
1,100.00	1,099.45	1,081.93	1,074.37	4.33	4.58	-16.20	35.14	154.60	145.61	136.02	9.59	15.181	
1,200.00	1,198.70	1,181.62	1,172.56	4.52	4.84	-18.20	41.27	170.76	151.28	141.31	9.97	15.168	
1,300.00	1,297.47	1,281.39	1,270.81	4.73	5.12	-20.51	47.41	186.92	153.87	143.48	10.39	14.812	
1,400.00	1,395.82	1,381.14	1,369.06	4.97	5.41	-23.10	53.54	203.08	154.43	143.60	10.83	14.255	
1,500.00	1,494.16	1,480.89	1,467.30	5.23	5.72	-25.69	59.68	219.24	155.23	143.93	11.31	13.729	
1,600.00	1,592.50	1,580.64	1,565.54	5.51	6.03	-28.25	65.82	235.41	156.35	144.54	11.81	13.239	
1,700.00	1,690.83	1,680.40	1,663.78	5.79	6.35	-30.76	71.95	251.57	157.77	145.43	12.34	12.787	
1,800.00	1,789.17	1,780.15	1,762.02	6.10	6.67	-33.23	78.09	267.73	159.49	146.60	12.89	12.372	
1,900.00	1,887.51	1,879.90	1,860.27	6.26	6.88	-35.64	84.22	283.89	161.51	148.66	12.85	12.572	
2,000.00	1,985.85	1,979.65	1,958.51	6.30	6.95	-37.98	90.36	300.05	163.80	150.85	12.95	12.650	
2,100.00	2,084.19	2,079.40	2,056.75	6.35	7.00	-40.26	96.50	316.21	166.36	153.30	13.06	12.736	
2,200.00	2,182.53	2,179.15	2,154.99	6.43	7.07	-42.47	102.63	332.38	169.17	155.96	13.21	12.805	
2,300.00	2,280.86	2,278.90	2,253.23	6.52	7.15	-44.60	108.77	348.54	172.23	158.83	13.40	12.855	
2,400.00	2,379.20	2,378.65	2,351.47	6.63	7.25	-46.65	114.90	364.70	175.52	161.90	13.62	12.888	
2,500.00	2,477.54	2,478.40	2,449.71	6.75	7.36	-48.63	121.04	380.86	179.03	165.15	13.87	12.905	
2,600.00	2,575.88	2,578.15	2,547.96	6.89	7.48	-50.53	127.18	397.02	182.74	168.58	14.16	12.907	
2,700.00	2,674.22	2,677.90	2,646.20	7.05	7.62	-52.35	133.31	413.18	186.64	172.17	14.47	12.897	
2,800.00	2,772.55	2,777.65	2,744.44	7.21	7.77	-54.09	139.45	429.35	190.73	175.92	14.81	12.875	
2,900.00	2,870.89	2,877.41	2,842.68	7.39	7.93	-55.76	145.58	445.51	194.98	179.80	15.18	12.844	
3,000.00	2,969.23	2,977.16	2,940.92	7.59	8.11	-57.36	151.72	461.67	199.40	183.83	15.57	12.805	
3,100.00	3,067.57	3,076.91	3,039.16	7.79	8.29	-58.89	157.86	477.83	203.96	187.98	15.98	12.761	
3,200.00	3,165.91	3,176.66	3,137.40	8.00	8.48	-60.35	163.99	493.99	208.66	192.25	16.41	12.712	
3,300.00	3,264.25	3,276.41	3,235.65	8.22	8.68	-61.74	170.13	510.15	213.49	196.63	16.86	12.659	
3,400.00	3,362.58	3,376.16	3,333.89	8.46	8.89	-63.08	176.26	526.32	218.45	201.12	17.33	12.605	
3,500.00	3,460.92	3,475.91	3,432.13	8.69	9.11	-64.35	182.40	542.48	223.51	205.70	17.81	12.548	
3,600.00	3,559.26	3,575.66	3,530.37	8.94	9.33	-65.57	188.54	558.64	228.68	210.37	18.31	12.492	
3,700.00	3,657.60	3,675.41	3,628.61	9.19	9.56	-66.73	194.67	574.80	233.95	215.14	18.81	12.435	
3,800.00	3,755.94	3,775.16	3,726.85	9.45	9.80	-67.84	200.81	590.96	239.31	219.98	19.33	12.378	
3,900.00	3,854.27	3,874.91	3,825.09	9.72	10.04	-68.90	206.94	607.12	244.76	224.90	19.86	12.323	
4,000.00	3,952.61	3,974.67	3,923.34	9.99	10.29	-69.92	213.08	623.29	250.29	229.88	20.40	12.268	
4,100.00	4,050.95	4,074.42	4,021.58	10.26	10.54	-70.89	219.22	639.45	255.89	234.94	20.95	12.215	
4,200.00	4,149.29	4,174.17	4,119.82	10.54	10.80	-71.82	225.35	655.61	261.56	240.06	21.51	12.163	
4,300.00	4,247.63	4,273.92	4,218.06	10.82	11.06	-72.71	231.49	671.77	267.30	245.23	22.07	12.112	
4,400.00	4,345.97	4,373.67	4,316.30	11.11	11.32	-73.56	237.62	687.93	273.10	250.46	22.64	12.064	
4,500.00	4,444.30	4,473.42	4,414.54	11.40	11.59	-74.38	243.76	704.09	278.96	255.74	23.21	12.017	
4,600.00	4,542.64	4,573.17	4,512.78	11.69	11.87	-75.16	249.90	720.26	284.87	261.07	23.80	11.971	
4,700.00	4,640.98	4,672.92	4,611.03	11.99	12.14	-75.91	256.03	736.42	290.83	266.45	24.38	11.928	
4,800.00	4,739.32	4,772.67	4,709.27	12.29	12.42	-76.63	262.17	752.58	296.84	271.87	24.97	11.886	
4,900.00	4,837.66	4,872.42	4,807.51	12.59	12.70	-77.32	268.31	768.74	302.90	277.33	25.57	11.845	
5,000.00	4,936.00	4,972.17	4,905.75	12.89	12.99	-77.99	274.44	784.90	309.00	282.83	26.17	11.807	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,071.92	5,003.99	13.20	13.27	-78.63	280.58	801.06	315.14	288.36	26.78	11.769	
5,200.00	5,132.67	5,171.68	5,102.23	13.51	13.56	-79.24	286.71	817.22	321.31	293.93	27.38	11.734	
5,300.00	5,231.01	5,271.43	5,200.47	13.82	13.85	-79.83	292.85	833.39	327.52	299.53	28.00	11.699	
5,400.00	5,329.35	5,371.18	5,298.72	14.13	14.15	-80.40	298.99	849.55	333.77	305.16	28.61	11.666	
5,500.00	5,427.69	5,470.93	5,396.96	14.44	14.44	-80.95	305.12	865.71	340.04	310.82	29.23	11.635	
5,600.00	5,526.02	5,570.68	5,495.20	14.76	14.74	-81.48	311.26	881.87	346.35	316.50	29.85	11.604	
5,700.00	5,624.36	5,670.43	5,593.44	15.08	15.04	-81.99	317.39	898.03	352.69	322.22	30.47	11.575	
5,800.00	5,722.70	5,770.18	5,691.68	15.39	15.34	-82.48	323.53	914.19	359.05	327.95	31.09	11.547	
5,900.00	5,821.04	5,869.93	5,789.92	15.71	15.64	-82.96	329.67	930.36	365.43	333.71	31.72	11.520	
6,000.00	5,919.38	5,969.68	5,888.17	16.03	15.94	-83.42	335.80	946.52	371.85	339.50	32.35	11.494	
6,100.00	6,017.72	6,069.43	5,986.41	16.35	16.25	-83.86	341.94	962.68	378.28	345.30	32.98	11.469	
6,200.00	6,116.05	6,169.18	6,084.65	16.68	16.55	-84.29	348.07	978.84	384.74	351.12	33.62	11.445	
6,300.00	6,214.39	6,268.93	6,182.89	17.00	16.86	-84.70	354.21	995.00	391.21	356.96	34.25	11.422	
6,400.00	6,312.73	6,368.69	6,281.13	17.33	17.17	-85.10	360.35	1,011.16	397.71	362.82	34.89	11.400	
6,500.00	6,411.07	6,468.44	6,379.37	17.65	17.48	-85.49	366.48	1,027.33	404.22	368.70	35.52	11.379	
6,600.00	6,509.41	6,568.19	6,477.61	17.98	17.79	-85.86	372.62	1,043.49	410.76	374.59	36.16	11.358	
6,700.00	6,608.03	6,668.97	6,576.91	18.27	18.09	-87.48	378.82	1,059.57	417.46	380.69	36.77	11.354	
6,800.00	6,707.89	6,775.05	6,682.52	18.44	18.30	100.94	385.47	1,064.99	424.46	387.32	37.14	11.428	
6,900.00	6,806.95	6,881.48	6,787.90	18.53	18.43	95.93	392.17	1,052.71	431.29	393.93	37.36	11.543	
7,000.00	6,902.79	6,988.09	6,889.94	18.56	18.49	94.69	398.74	1,022.97	437.78	400.32	37.46	11.687	
7,100.00	6,993.03	7,094.69	6,985.59	18.55	18.49	93.74	404.97	976.61	443.76	406.30	37.46	11.846	
7,200.00	7,075.46	7,201.11	7,072.05	18.51	18.47	92.84	410.68	915.04	449.10	411.67	37.42	12.001	
7,300.00	7,148.05	7,307.16	7,146.84	18.49	18.46	91.95	415.71	840.19	453.67	416.26	37.41	12.128	
7,400.00	7,209.00	7,412.67	7,207.92	18.51	18.49	91.06	419.92	754.42	457.38	419.90	37.48	12.203	
7,500.00	7,256.83	7,517.49	7,253.80	18.59	18.61	90.17	423.20	660.36	460.16	422.45	37.71	12.203	
7,600.00	7,290.34	7,621.48	7,283.49	18.76	18.84	89.32	425.49	560.85	461.95	423.83	38.13	12.116	
7,700.00	7,308.73	7,724.54	7,296.60	19.02	19.17	88.51	426.74	458.74	462.75	424.00	38.74	11.944	
7,800.00	7,311.63	7,825.64	7,295.43	19.37	19.62	88.00	427.08	357.68	462.59	423.04	39.56	11.695	
7,900.00	7,308.36	7,925.64	7,292.38	19.85	20.18	88.03	427.30	257.73	462.16	421.55	40.60	11.382	
8,000.00	7,305.09	8,025.63	7,289.34	20.46	20.87	88.05	427.52	157.78	461.72	419.82	41.90	11.020	
8,100.00	7,301.83	8,125.63	7,286.30	21.18	21.66	88.08	427.74	57.83	461.29	417.87	43.41	10.626	
8,200.00	7,298.56	8,225.63	7,283.26	22.01	22.55	88.10	427.96	-42.13	460.85	415.72	45.13	10.212	
8,300.00	7,295.30	8,325.63	7,280.22	22.93	23.53	88.13	428.18	-142.08	460.41	413.39	47.02	9.792	
8,400.00	7,292.03	8,425.63	7,277.17	23.93	24.57	88.16	428.40	-242.03	459.98	410.91	49.07	9.374	
8,500.00	7,288.76	8,525.63	7,274.13	25.01	25.69	88.18	428.62	-341.98	459.54	408.28	51.26	8.965	
8,600.00	7,285.50	8,625.63	7,271.09	26.14	26.86	88.21	428.84	-441.94	459.11	405.54	53.57	8.570	
8,700.00	7,282.23	8,725.63	7,268.05	27.34	28.08	88.24	429.06	-541.89	458.67	402.69	55.98	8.193	
8,800.00	7,278.96	8,825.63	7,265.01	28.58	29.34	88.26	429.28	-641.84	458.23	399.74	58.49	7.834	
8,900.00	7,275.70	8,925.62	7,261.97	29.86	30.65	88.29	429.50	-741.79	457.80	396.72	61.08	7.495	
9,000.00	7,272.43	9,025.62	7,258.92	31.18	31.98	88.31	429.72	-841.74	457.36	393.62	63.74	7.175	
9,100.00	7,269.17	9,125.62	7,255.88	32.54	33.35	88.34	429.94	-941.70	456.93	390.47	66.46	6.875	
9,200.00	7,265.90	9,225.62	7,252.84	33.92	34.75	88.37	430.16	-1,041.65	456.49	387.25	69.24	6.593	
9,300.00	7,262.63	9,325.62	7,249.80	35.33	36.16	88.39	430.38	-1,141.60	456.06	383.99	72.07	6.328	
9,400.00	7,259.37	9,425.62	7,246.76	36.76	37.60	88.42	430.60	-1,241.55	455.62	380.69	74.93	6.080	
9,500.00	7,256.10	9,525.62	7,243.71	38.21	39.06	88.45	430.82	-1,341.51	455.19	377.35	77.84	5.848	
9,600.00	7,252.84	9,625.62	7,240.67	39.67	40.53	88.47	431.04	-1,441.46	454.75	373.97	80.78	5.629	
9,700.00	7,249.57	9,725.61	7,237.63	41.16	42.02	88.50	431.26	-1,541.41	454.32	370.56	83.75	5.424	
9,800.00	7,246.30	9,825.61	7,234.59	42.65	43.52	88.53	431.48	-1,641.36	453.88	367.13	86.75	5.232	
9,900.00	7,243.04	9,925.61	7,231.55	44.16	45.04	88.56	431.70	-1,741.32	453.45	363.67	89.78	5.051	
10,000.00	7,239.77	10,025.61	7,228.51	45.68	46.56	88.58	431.92	-1,841.27	453.01	360.19	92.82	4.880	
10,100.00	7,236.50	10,125.61	7,225.46	47.21	48.10	88.61	432.14	-1,941.22	452.58	356.69	95.89	4.720	
10,200.00	7,233.24	10,225.61	7,222.42	48.75	49.64	88.64	432.36	-2,041.17	452.15	353.17	98.97	4.568	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,229.97	10,325.61	7,219.38	50.30	51.19	88.66	432.58	-2,141.12	451.71	349.64	102.07	4.425		
10,400.00	7,226.71	10,425.61	7,216.34	51.86	52.75	88.69	432.80	-2,241.08	451.28	346.09	105.19	4.290		
10,500.00	7,223.44	10,525.61	7,213.30	53.42	54.31	88.72	433.02	-2,341.03	450.84	342.53	108.32	4.162		
10,600.00	7,220.17	10,625.60	7,210.25	54.99	55.89	88.75	433.24	-2,440.98	450.41	338.95	111.46	4.041		
10,700.00	7,216.91	10,725.60	7,207.21	56.57	57.46	88.77	433.46	-2,540.93	449.98	335.36	114.61	3.926		
10,800.00	7,213.64	10,825.60	7,204.17	58.15	59.04	88.80	433.68	-2,640.89	449.54	331.77	117.78	3.817		
10,900.00	7,210.38	10,925.60	7,201.13	59.74	60.63	88.83	433.90	-2,740.84	449.11	328.16	120.95	3.713		
11,000.00	7,207.11	11,025.60	7,198.09	61.33	62.22	88.86	434.12	-2,840.79	448.68	324.54	124.13	3.614		
11,100.00	7,203.84	11,125.60	7,195.05	62.92	63.82	88.88	434.34	-2,940.74	448.24	320.92	127.33	3.520		
11,200.00	7,200.58	11,225.60	7,192.00	64.52	65.42	88.91	434.56	-3,040.70	447.81	317.29	130.52	3.431		
11,300.00	7,197.31	11,325.60	7,188.96	66.12	67.02	88.94	434.78	-3,140.65	447.38	313.65	133.73	3.345		
11,400.00	7,194.05	11,425.59	7,185.92	67.73	68.63	88.97	435.00	-3,240.60	446.94	310.00	136.94	3.264		
11,500.00	7,190.78	11,525.59	7,182.88	69.34	70.24	88.99	435.21	-3,340.55	446.51	306.35	140.16	3.186		
11,600.00	7,187.51	11,625.59	7,179.84	70.95	71.85	89.02	435.43	-3,440.50	446.08	302.69	143.39	3.111		
11,700.00	7,184.25	11,725.59	7,176.80	72.57	73.47	89.05	435.65	-3,540.46	445.65	299.03	146.62	3.040		
11,800.00	7,180.98	11,825.59	7,173.75	74.18	75.08	89.08	435.87	-3,640.41	445.21	295.36	149.85	2.971		
11,900.00	7,177.71	11,925.59	7,170.71	75.80	76.70	89.11	436.09	-3,740.36	444.78	291.69	153.09	2.905		
12,000.00	7,174.45	12,025.59	7,167.67	77.43	78.33	89.13	436.31	-3,840.31	444.35	288.01	156.33	2.842		
12,100.00	7,171.18	12,125.59	7,164.63	79.05	79.95	89.16	436.53	-3,940.27	443.92	284.33	159.58	2.782		
12,200.00	7,167.92	12,225.59	7,161.59	80.68	81.58	89.19	436.75	-4,040.22	443.48	280.65	162.83	2.724		
12,300.00	7,164.65	12,325.58	7,158.54	82.30	83.20	89.22	436.97	-4,140.17	443.05	276.96	166.09	2.668		
12,400.00	7,161.38	12,425.58	7,155.50	83.93	84.83	89.25	437.19	-4,240.12	442.62	273.27	169.35	2.614		
12,500.00	7,158.12	12,525.58	7,152.46	85.56	86.46	89.27	437.41	-4,340.08	442.19	269.58	172.61	2.562		
12,600.00	7,154.85	12,625.58	7,149.42	87.20	88.10	89.30	437.63	-4,440.03	441.76	265.88	175.88	2.512		
12,700.00	7,151.59	12,725.58	7,146.38	88.83	89.73	89.33	437.85	-4,539.98	441.32	262.18	179.15	2.463		
12,800.00	7,148.32	12,825.58	7,143.34	90.47	91.37	89.36	438.07	-4,639.93	440.89	258.48	182.42	2.417		
12,900.00	7,145.05	12,925.58	7,140.29	92.11	93.00	89.39	438.29	-4,739.88	440.46	254.77	185.69	2.372		
13,000.00	7,141.79	13,025.58	7,137.25	93.74	94.64	89.42	438.51	-4,839.84	440.03	251.06	188.97	2.329		
13,100.00	7,138.52	13,125.58	7,134.21	95.38	96.28	89.45	438.73	-4,939.79	439.60	247.35	192.25	2.287		
13,200.00	7,135.25	13,225.57	7,131.17	97.02	97.92	89.47	438.95	-5,039.74	439.17	243.64	195.53	2.246		
13,300.00	7,131.99	13,325.57	7,128.13	98.67	99.56	89.50	439.17	-5,139.69	438.74	239.93	198.81	2.207		
13,400.00	7,128.72	13,425.57	7,125.08	100.31	101.21	89.53	439.39	-5,239.65	438.31	236.21	202.09	2.169		
13,500.00	7,125.46	13,525.57	7,122.04	101.95	102.85	89.56	439.61	-5,339.60	437.88	232.50	205.38	2.132		
13,600.00	7,122.19	13,625.57	7,119.00	103.60	104.49	89.59	439.83	-5,439.55	437.45	228.78	208.67	2.096		
13,700.00	7,118.92	13,725.57	7,115.96	105.24	106.14	89.62	440.05	-5,539.50	437.01	225.06	211.96	2.062		
13,800.00	7,115.66	13,825.57	7,112.92	106.89	107.78	89.65	440.27	-5,639.46	436.58	221.33	215.25	2.028		
13,900.00	7,112.39	13,925.57	7,109.88	108.54	109.43	89.68	440.49	-5,739.41	436.15	217.61	218.54	1.996		
14,000.00	7,109.13	14,025.56	7,106.83	110.18	111.08	89.71	440.71	-5,839.36	435.72	213.89	221.84	1.964		
14,100.00	7,105.86	14,125.56	7,103.79	111.83	112.73	89.74	440.93	-5,939.31	435.29	210.16	225.13	1.933		
14,200.00	7,102.59	14,225.56	7,100.75	113.48	114.38	89.77	441.15	-6,039.26	434.86	206.43	228.43	1.904		
14,300.00	7,099.33	14,325.56	7,097.71	115.13	116.03	89.79	441.37	-6,139.22	434.43	202.70	231.73	1.875		
14,400.00	7,096.06	14,425.56	7,094.67	116.78	117.68	89.82	441.59	-6,239.17	434.00	198.97	235.03	1.847		
14,500.00	7,092.79	14,525.56	7,091.62	118.43	119.33	89.85	441.81	-6,339.12	433.57	195.24	238.33	1.819		
14,600.00	7,089.53	14,625.56	7,088.58	120.09	120.98	89.88	442.03	-6,439.07	433.15	191.51	241.63	1.793		
14,700.00	7,086.26	14,725.56	7,085.54	121.74	122.63	89.91	442.25	-6,539.03	432.72	187.78	244.94	1.767		
14,800.00	7,083.00	14,825.56	7,082.50	123.39	124.28	89.94	442.47	-6,638.98	432.29	184.05	248.24	1.741		
14,900.00	7,079.73	14,925.55	7,079.46	125.05	125.94	89.97	442.69	-6,738.93	431.86	180.31	251.55	1.717		
15,000.00	7,076.46	15,025.55	7,076.42	126.70	127.59	90.00	442.91	-6,838.88	431.43	176.58	254.85	1.693		
15,100.00	7,073.20	15,125.55	7,073.37	128.35	129.25	90.03	443.13	-6,938.84	431.00	172.84	258.16	1.670		
15,200.00	7,069.93	15,225.55	7,070.33	130.01	130.90	90.06	443.35	-7,038.79	430.57	169.11	261.47	1.647		
15,300.00	7,066.67	15,325.55	7,067.29	131.66	132.55	90.09	443.57	-7,138.74	430.14	165.37	264.77	1.625		
15,400.00	7,063.40	15,425.55	7,064.25	133.32	134.21	90.12	443.79	-7,238.69	429.71	161.63	268.08	1.603		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,060.13	15,525.55	7,061.21	134.98	135.87	90.15	444.01	-7,338.64	429.29	157.89	271.39	1.582	
15,600.00	7,056.87	15,625.55	7,058.16	136.63	137.52	90.18	444.23	-7,438.60	428.86	154.15	274.70	1.561	
15,634.69	7,055.73	15,660.24	7,057.11	137.21	138.10	90.19	444.31	-7,473.27	428.71	152.86	275.85	1.554 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	91.04	-0.36	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	91.04	-0.36	20.05	20.05	12.52	7.53	2.663	
200.00	200.00	200.00	200.00	3.31	3.31	91.04	-0.36	20.05	20.05	12.47	7.57	2.647	
300.00	300.00	300.00	300.00	3.35	3.35	91.04	-0.36	20.05	20.05	12.38	7.66	2.616	
400.00	400.00	400.00	400.00	3.42	3.42	91.04	-0.36	20.05	20.05	12.25	7.80	2.571	
500.00	500.00	500.00	500.00	3.50	3.50	91.04	-0.36	20.05	20.05	12.08	7.97	2.515	
600.00	600.00	600.00	600.00	3.61	3.61	91.04	-0.36	20.05	20.05	11.87	8.18	2.450	
700.00	700.00	700.00	700.00	3.73	3.73	91.04	-0.36	20.05	20.05	11.62	8.43	2.378	
800.00	800.00	800.00	800.00	3.87	3.87	91.04	-0.36	20.05	20.05	11.34	8.71	2.302	
900.00	899.98	899.31	899.29	4.02	4.02	-1.42	-0.26	21.76	20.03	11.04	8.99	2.228	
1,000.00	999.84	998.61	998.45	4.17	4.17	-2.80	0.04	26.92	19.99	10.72	9.27	2.156	
1,100.00	1,099.45	1,097.92	1,097.38	4.33	4.33	-5.11	0.54	35.50	19.95	10.38	9.57	2.084	
1,159.43	1,158.49	1,156.93	1,156.01	4.44	4.44	-6.93	0.93	42.21	19.94	10.18	9.76	2.042 CC	
1,200.00	1,198.70	1,197.22	1,195.95	4.52	4.52	-8.36	1.24	47.49	19.95	10.05	9.89	2.016	
1,300.00	1,297.47	1,296.52	1,294.04	4.73	4.73	-12.50	2.14	62.89	20.03	9.80	10.24	1.957 ES	
1,400.00	1,395.82	1,396.16	1,391.95	4.97	4.97	-16.90	3.22	81.32	20.85	10.21	10.64	1.960	
1,500.00	1,494.16	1,496.14	1,490.12	5.23	5.23	-20.74	4.33	100.22	22.10	11.01	11.09	1.993	
1,600.00	1,592.50	1,603.88	1,588.30	5.51	5.53	-24.15	5.44	119.13	23.44	11.84	11.60	2.021	
1,700.00	1,690.83	1,703.89	1,686.47	5.79	5.83	-27.19	6.54	138.04	24.86	12.74	12.12	2.051	
1,800.00	1,789.17	1,803.91	1,784.64	6.10	6.13	-29.89	7.65	156.95	26.34	13.68	12.66	2.080	
1,900.00	1,887.51	1,903.93	1,882.81	6.26	6.30	-32.30	8.76	175.86	27.87	15.29	12.58	2.215	
2,000.00	1,985.85	2,003.95	1,980.98	6.30	6.33	-34.45	9.86	194.76	29.44	16.78	12.66	2.326	
2,100.00	2,084.19	2,103.97	2,079.15	6.35	6.39	-36.39	10.97	213.67	31.05	18.28	12.77	2.432	
2,200.00	2,182.53	2,203.99	2,177.32	6.43	6.47	-38.13	12.08	232.58	32.70	19.78	12.92	2.530	
2,300.00	2,280.86	2,304.00	2,275.49	6.52	6.56	-39.70	13.18	251.49	34.37	21.26	13.11	2.622	
2,400.00	2,379.20	2,404.02	2,373.67	6.63	6.67	-41.13	14.29	270.40	36.06	22.74	13.33	2.706	
2,500.00	2,477.54	2,504.04	2,471.84	6.75	6.80	-42.43	15.40	289.30	37.78	24.20	13.58	2.782	
2,600.00	2,575.88	2,604.06	2,570.01	6.89	6.95	-43.61	16.50	308.21	39.51	25.65	13.86	2.850	
2,700.00	2,674.22	2,704.08	2,668.18	7.05	7.11	-44.70	17.61	327.12	41.26	27.09	14.18	2.911	
2,800.00	2,772.55	2,804.09	2,766.35	7.21	7.28	-45.69	18.72	346.03	43.02	28.51	14.52	2.964	
2,900.00	2,870.89	2,904.11	2,864.52	7.39	7.46	-46.61	19.82	364.94	44.80	29.92	14.88	3.010	
3,000.00	2,969.23	3,004.13	2,962.69	7.59	7.66	-47.46	20.93	383.84	46.58	31.31	15.27	3.050	
3,100.00	3,067.57	3,104.15	3,060.87	7.79	7.87	-48.24	22.04	402.75	48.37	32.69	15.68	3.085	
3,200.00	3,165.91	3,195.83	3,159.04	8.00	8.07	-48.97	23.14	421.66	50.18	34.08	16.09	3.118	
3,300.00	3,264.25	3,304.19	3,257.21	8.22	8.31	-49.65	24.25	440.57	51.99	35.42	16.56	3.139	
3,400.00	3,362.58	3,404.20	3,355.38	8.46	8.55	-50.28	25.36	459.48	53.80	36.77	17.03	3.159	
3,500.00	3,460.92	3,504.22	3,453.55	8.69	8.79	-50.87	26.47	478.38	55.63	38.11	17.51	3.176	
3,600.00	3,559.26	3,595.76	3,551.72	8.94	9.02	-51.43	27.57	497.29	57.45	39.47	17.99	3.194	
3,700.00	3,657.60	3,704.26	3,649.89	9.19	9.30	-51.94	28.68	516.20	59.29	40.77	18.52	3.201	
3,800.00	3,755.94	3,804.28	3,748.07	9.45	9.57	-52.43	29.79	535.11	61.13	42.08	19.04	3.210	
3,900.00	3,854.27	3,904.30	3,846.24	9.72	9.84	-52.89	30.89	554.02	62.97	43.39	19.58	3.216	
4,000.00	3,952.61	4,004.31	3,944.41	9.99	10.11	-53.32	32.00	572.92	64.81	44.69	20.12	3.221	
4,100.00	4,050.95	4,104.33	4,042.58	10.26	10.39	-53.73	33.11	591.83	66.66	45.99	20.68	3.224	
4,200.00	4,149.29	4,195.65	4,140.75	10.54	10.65	-54.12	34.21	610.74	68.52	47.30	21.22	3.229	
4,300.00	4,247.63	4,304.37	4,238.92	10.82	10.96	-54.49	35.32	629.65	70.37	48.56	21.81	3.226	
4,400.00	4,345.97	4,404.39	4,337.09	11.11	11.25	-54.84	36.43	648.56	72.23	49.84	22.39	3.226	
4,500.00	4,444.30	4,504.40	4,435.27	11.40	11.55	-55.17	37.53	667.46	74.09	51.12	22.98	3.225	
4,600.00	4,542.64	4,595.58	4,533.44	11.69	11.82	-55.48	38.64	686.37	75.95	52.41	23.54	3.226	
4,700.00	4,640.98	4,704.44	4,631.61	11.99	12.15	-55.78	39.75	705.28	77.82	53.66	24.16	3.220	
4,800.00	4,739.32	4,804.46	4,729.78	12.29	12.45	-56.06	40.85	724.19	79.69	54.92	24.77	3.217	
4,900.00	4,837.66	4,895.52	4,827.95	12.59	12.73	-56.34	41.96	743.10	81.56	56.21	25.35	3.217	
5,000.00	4,936.00	4,995.50	4,926.12	12.89	13.04	-56.60	43.07	762.00	83.43	57.47	25.96	3.214	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,095.49	5,024.29	13.20	13.35	-56.85	44.17	780.91	85.30	58.72	26.58	3.210	
5,200.00	5,132.67	5,204.53	5,122.47	13.51	13.69	-57.08	45.28	799.82	87.17	59.95	27.23	3.202	
5,300.00	5,231.01	5,304.55	5,220.64	13.82	14.01	-57.31	46.39	818.73	89.05	61.20	27.85	3.197	
5,400.00	5,329.35	5,395.43	5,318.81	14.13	14.30	-57.53	47.49	837.64	90.93	62.48	28.45	3.196	
5,500.00	5,427.69	5,504.59	5,416.98	14.44	14.64	-57.74	48.60	856.54	92.81	63.69	29.11	3.188	
5,600.00	5,526.02	5,595.40	5,515.15	14.76	14.94	-57.94	49.71	875.45	94.68	64.97	29.72	3.186	
5,700.00	5,624.36	5,704.62	5,613.32	15.08	15.29	-58.13	50.81	894.36	96.57	66.18	30.38	3.178	
5,800.00	5,722.70	5,804.64	5,711.49	15.39	15.61	-58.32	51.92	913.27	98.45	67.42	31.02	3.173	
5,900.00	5,821.04	5,904.66	5,809.66	15.71	15.93	-58.50	53.03	932.18	100.33	68.66	31.67	3.168	
6,000.00	5,919.38	5,995.32	5,907.84	16.03	16.23	-58.67	54.14	951.08	102.21	69.93	32.28	3.166	
6,100.00	6,017.72	6,104.70	6,006.01	16.35	16.59	-58.84	55.24	969.99	104.10	71.14	32.96	3.158	
6,200.00	6,116.05	6,204.71	6,104.18	16.68	16.91	-59.00	56.35	988.90	105.98	72.37	33.61	3.153	
6,300.00	6,214.39	6,295.27	6,202.35	17.00	17.21	-59.15	57.46	1,007.81	107.87	73.64	34.23	3.151	
6,400.00	6,312.73	6,402.18	6,308.04	17.33	17.48	-61.49	58.64	1,023.24	107.44	72.53	34.91	3.078	
6,500.00	6,411.07	6,507.75	6,413.47	17.65	17.63	-72.33	59.81	1,021.56	100.48	64.80	35.68	2.816	
6,589.74	6,499.32	6,594.78	6,499.22	17.95	17.69	-89.66	60.75	1,007.08	95.86	59.69	36.17	2.650	
6,600.00	6,509.41	6,604.15	6,508.31	17.98	17.69	-91.97	60.85	1,004.82	95.95	59.78	36.17	2.653	
6,700.00	6,608.03	6,689.67	6,589.49	18.27	17.71	-116.02	61.73	978.15	108.20	73.03	35.17	3.077	
6,800.00	6,707.89	6,789.79	6,661.67	18.44	17.70	55.52	62.50	943.49	135.63	102.19	33.45	4.055	
6,900.00	6,806.95	6,846.45	6,726.14	18.53	17.67	39.95	63.18	902.10	168.61	136.63	31.98	5.272	
7,000.00	6,902.79	6,920.42	6,783.19	18.56	17.65	32.21	63.77	855.10	202.10	171.29	30.81	6.559	
7,100.00	6,993.03	6,992.28	6,833.05	18.55	17.65	27.22	64.27	803.40	233.72	203.82	29.90	7.816	
7,200.00	7,075.46	7,062.49	6,875.83	18.51	17.66	23.82	64.70	747.78	262.23	232.98	29.25	8.965	
7,300.00	7,148.05	7,131.41	6,911.62	18.49	17.72	21.43	65.04	688.91	286.89	258.00	28.89	9.931	
7,400.00	7,209.00	7,200.00	6,940.72	18.51	17.81	19.74	65.31	626.84	307.22	278.38	28.84	10.652	
7,500.00	7,256.83	7,266.58	6,962.42	18.59	17.94	18.58	65.50	563.93	322.89	293.76	29.13	11.084	
7,600.00	7,290.34	7,333.29	6,977.46	18.76	18.13	17.81	65.60	498.97	333.69	303.94	29.75	11.217	
7,700.00	7,308.73	7,400.00	6,986.63	19.02	18.35	17.38	65.64	432.79	339.46	308.81	30.65	11.075	
7,800.00	7,311.63	7,468.56	6,986.80	19.37	18.62	17.25	65.59	364.27	340.20	308.44	31.77	10.710	
7,900.00	7,308.36	7,568.56	6,984.27	19.85	19.14	17.16	65.47	264.31	339.27	306.69	32.58	10.413	
8,000.00	7,305.09	7,668.55	6,981.75	20.46	19.78	17.07	65.35	164.35	338.34	304.85	33.49	10.103	
8,100.00	7,301.83	7,768.54	6,979.22	21.18	20.53	16.99	65.24	64.39	337.41	302.92	34.49	9.783	
8,200.00	7,298.56	7,868.54	6,976.69	22.01	21.39	16.90	65.12	-35.58	336.49	300.91	35.57	9.459	
8,300.00	7,295.30	7,968.53	6,974.16	22.93	22.34	16.81	65.00	-135.54	335.56	298.83	36.73	9.136	
8,400.00	7,292.03	8,068.53	6,971.63	23.93	23.37	16.72	64.88	-235.50	334.63	296.68	37.95	8.817	
8,500.00	7,288.76	8,168.52	6,969.10	25.01	24.47	16.63	64.76	-335.46	333.71	294.47	39.24	8.505	
8,600.00	7,285.50	8,268.52	6,966.57	26.14	25.64	16.54	64.65	-435.43	332.78	292.20	40.58	8.201	
8,700.00	7,282.23	8,368.51	6,964.04	27.34	26.86	16.45	64.53	-535.39	331.86	289.89	41.96	7.908	
8,800.00	7,278.96	8,468.50	6,961.51	28.58	28.12	16.36	64.41	-635.35	330.93	287.54	43.39	7.627	
8,900.00	7,275.70	8,568.50	6,958.98	29.86	29.43	16.27	64.29	-735.31	330.01	285.15	44.86	7.356	
9,000.00	7,272.43	8,668.49	6,956.45	31.18	30.77	16.17	64.18	-835.27	329.09	282.73	46.36	7.098	
9,100.00	7,269.17	8,768.49	6,953.92	32.54	32.14	16.08	64.06	-935.24	328.17	280.27	47.89	6.852	
9,200.00	7,265.90	8,868.48	6,951.40	33.92	33.54	15.99	63.94	-1,035.20	327.25	277.79	49.45	6.617	
9,300.00	7,262.63	8,968.48	6,948.87	35.33	34.97	15.90	63.82	-1,135.16	326.33	275.29	51.04	6.394	
9,400.00	7,259.37	9,068.47	6,946.34	36.76	36.41	15.80	63.71	-1,235.12	325.41	272.77	52.64	6.182	
9,500.00	7,256.10	9,168.46	6,943.81	38.21	37.87	15.71	63.59	-1,335.09	324.49	270.23	54.27	5.980	
9,600.00	7,252.84	9,268.46	6,941.28	39.67	39.35	15.61	63.47	-1,435.05	323.58	267.67	55.91	5.788	
9,700.00	7,249.57	9,368.45	6,938.75	41.16	40.85	15.51	63.35	-1,535.01	322.66	265.10	57.56	5.605	
9,800.00	7,246.30	9,468.45	6,936.22	42.65	42.36	15.42	63.24	-1,634.97	321.75	262.51	59.23	5.432	
9,900.00	7,243.04	9,568.44	6,933.69	44.16	43.88	15.32	63.12	-1,734.93	320.83	259.92	60.92	5.267	
10,000.00	7,239.77	9,668.44	6,931.16	45.68	45.41	15.22	63.00	-1,834.90	319.92	257.31	62.61	5.110	
10,100.00	7,236.50	9,768.43	6,928.63	47.21	46.95	15.13	62.88	-1,934.86	319.01	254.70	64.31	4.960	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,233.24	9,868.43	6,926.10	48.75	48.50	15.03	62.77	-2,034.82	318.10	252.07	66.02	4.818	
10,300.00	7,229.97	9,968.42	6,923.57	50.30	50.06	14.93	62.65	-2,134.78	317.19	249.44	67.74	4.682	
10,400.00	7,226.71	10,068.41	6,921.04	51.86	51.62	14.83	62.53	-2,234.75	316.28	246.81	69.47	4.553	
10,500.00	7,223.44	10,168.41	6,918.52	53.42	53.19	14.73	62.41	-2,334.71	315.37	244.17	71.20	4.429	
10,600.00	7,220.17	10,268.40	6,915.99	54.99	54.77	14.63	62.29	-2,434.67	314.46	241.53	72.93	4.312	
10,700.00	7,216.91	10,368.40	6,913.46	56.57	56.35	14.53	62.18	-2,534.63	313.56	238.88	74.68	4.199	
10,800.00	7,213.64	10,468.39	6,910.93	58.15	57.94	14.42	62.06	-2,634.60	312.65	236.23	76.42	4.091	
10,900.00	7,210.38	10,568.39	6,908.40	59.74	59.53	14.32	61.94	-2,734.56	311.75	233.58	78.17	3.988	
11,000.00	7,207.11	10,668.38	6,905.87	61.33	61.13	14.22	61.82	-2,834.52	310.84	230.92	79.92	3.889	
11,100.00	7,203.84	10,768.37	6,903.34	62.92	62.73	14.11	61.71	-2,934.48	309.94	228.27	81.67	3.795	
11,200.00	7,200.58	10,868.37	6,900.81	64.52	64.33	14.01	61.59	-3,034.44	309.04	225.61	83.43	3.704	
11,300.00	7,197.31	10,968.36	6,898.28	66.12	65.94	13.90	61.47	-3,134.41	308.14	222.95	85.19	3.617	
11,400.00	7,194.05	11,068.36	6,895.75	67.73	67.55	13.80	61.35	-3,234.37	307.24	220.29	86.95	3.534	
11,500.00	7,190.78	11,168.35	6,893.22	69.34	69.16	13.69	61.24	-3,334.33	306.34	217.64	88.71	3.453	
11,600.00	7,187.51	11,268.35	6,890.69	70.95	70.78	13.58	61.12	-3,434.29	305.44	214.98	90.47	3.376	
11,700.00	7,184.25	11,368.34	6,888.16	72.57	72.40	13.48	61.00	-3,534.26	304.55	212.32	92.23	3.302	
11,800.00	7,180.98	11,468.33	6,885.64	74.18	74.02	13.37	60.88	-3,634.22	303.65	209.67	93.99	3.231	
11,900.00	7,177.71	11,568.33	6,883.11	75.80	75.64	13.26	60.77	-3,734.18	302.76	207.01	95.75	3.162	
12,000.00	7,174.45	11,668.32	6,880.58	77.43	77.27	13.15	60.65	-3,834.14	301.87	204.36	97.51	3.096	
12,100.00	7,171.18	11,768.32	6,878.05	79.05	78.90	13.04	60.53	-3,934.11	300.98	201.70	99.27	3.032	
12,200.00	7,167.92	11,868.31	6,875.52	80.68	80.53	12.93	60.41	-4,034.07	300.09	199.05	101.03	2.970	
12,300.00	7,164.65	11,968.31	6,872.99	82.30	82.16	12.82	60.30	-4,134.03	299.20	196.41	102.79	2.911	
12,400.00	7,161.38	12,068.30	6,870.46	83.93	83.79	12.71	60.18	-4,233.99	298.31	193.76	104.55	2.853	
12,500.00	7,158.12	12,168.30	6,867.93	85.56	85.42	12.59	60.06	-4,333.95	297.42	191.11	106.31	2.798	
12,600.00	7,154.85	12,268.29	6,865.40	87.20	87.06	12.48	59.94	-4,433.92	296.54	188.47	108.06	2.744	
12,700.00	7,151.59	12,368.28	6,862.87	88.83	88.70	12.37	59.83	-4,533.88	295.65	185.83	109.82	2.692	
12,800.00	7,148.32	12,468.28	6,860.34	90.47	90.33	12.25	59.71	-4,633.84	294.77	183.19	111.57	2.642	
12,900.00	7,145.05	12,568.27	6,857.81	92.11	91.97	12.13	59.59	-4,733.80	293.89	180.56	113.33	2.593	
13,000.00	7,141.79	12,668.27	6,855.28	93.74	93.61	12.02	59.47	-4,833.77	293.00	177.93	115.08	2.546	
13,100.00	7,138.52	12,768.26	6,852.76	95.38	95.26	11.90	59.35	-4,933.73	292.12	175.30	116.83	2.500	
13,200.00	7,135.25	12,868.26	6,850.23	97.02	96.90	11.78	59.24	-5,033.69	291.25	172.67	118.57	2.456	
13,300.00	7,131.99	12,968.25	6,847.70	98.67	98.54	11.67	59.12	-5,133.65	290.37	170.05	120.32	2.413	
13,400.00	7,128.72	13,068.24	6,845.17	100.31	100.19	11.55	59.00	-5,233.61	289.49	167.43	122.07	2.372	
13,500.00	7,125.46	13,168.24	6,842.64	101.95	101.83	11.43	58.88	-5,333.58	288.62	164.81	123.81	2.331	
13,600.00	7,122.19	13,268.23	6,840.11	103.60	103.48	11.31	58.77	-5,433.54	287.74	162.19	125.55	2.292	
13,700.00	7,118.92	13,368.23	6,837.58	105.24	105.13	11.18	58.65	-5,533.50	286.87	159.58	127.29	2.254	
13,800.00	7,115.66	13,468.22	6,835.05	106.89	106.77	11.06	58.53	-5,633.46	286.00	156.98	129.02	2.217	
13,900.00	7,112.39	13,568.22	6,832.52	108.54	108.42	10.94	58.41	-5,733.43	285.13	154.37	130.76	2.181	
14,000.00	7,109.13	13,668.21	6,829.99	110.18	110.07	10.82	58.30	-5,833.39	284.26	151.77	132.49	2.145	
14,100.00	7,105.86	13,768.20	6,827.46	111.83	111.72	10.69	58.18	-5,933.35	283.39	149.17	134.22	2.111	
14,200.00	7,102.59	13,868.20	6,824.93	113.48	113.37	10.57	58.06	-6,033.31	282.53	146.58	135.95	2.078	
14,300.00	7,099.33	13,968.19	6,822.41	115.13	115.02	10.44	57.94	-6,133.28	281.66	143.99	137.68	2.046	
14,400.00	7,096.06	14,068.19	6,819.88	116.78	116.68	10.32	57.83	-6,233.24	280.80	141.40	139.40	2.014	
14,500.00	7,092.79	14,168.18	6,817.35	118.43	118.33	10.19	57.71	-6,333.20	279.94	138.81	141.13	1.984	
14,600.00	7,089.53	14,268.18	6,814.82	120.09	119.98	10.06	57.59	-6,433.16	279.08	136.23	142.85	1.954	
14,700.00	7,086.26	14,368.17	6,812.29	121.74	121.64	9.93	57.47	-6,533.12	278.22	133.65	144.57	1.925	
14,800.00	7,083.00	14,468.17	6,809.76	123.39	123.29	9.80	57.36	-6,633.09	277.36	131.08	146.28	1.896	
14,900.00	7,079.73	14,568.16	6,807.23	125.05	124.94	9.67	57.24	-6,733.05	276.51	128.51	148.00	1.868	
15,000.00	7,076.46	14,668.15	6,804.70	126.70	126.60	9.54	57.12	-6,833.01	275.65	125.94	149.71	1.841	
15,100.00	7,073.20	14,768.15	6,802.17	128.35	128.25	9.41	57.00	-6,932.97	274.80	123.38	151.42	1.815	
15,200.00	7,069.93	14,868.14	6,799.64	130.01	129.91	9.27	56.88	-7,032.94	273.95	120.82	153.13	1.789	
15,300.00	7,066.67	14,968.14	6,797.11	131.66	131.57	9.14	56.77	-7,132.90	273.10	118.26	154.84	1.764	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	7,063.40	15,068.13	6,794.58	133.32	133.22	9.01	56.65	-7,232.86	272.25	115.71	156.54	1.739	
15,500.00	7,060.13	15,168.13	6,792.05	134.98	134.88	8.87	56.53	-7,332.82	271.40	113.16	158.24	1.715	
15,600.00	7,056.87	15,268.12	6,789.53	136.63	136.54	8.73	56.41	-7,432.79	270.56	110.61	159.95	1.692	
15,634.69	7,055.73	15,302.81	6,788.65	137.21	137.11	8.69	56.37	-7,467.46	270.26	109.73	160.54	1.684 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.52	-0.36	40.09	40.09				
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-0.36	40.09	40.09	32.56	7.53	5.325	
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-0.36	40.09	40.09	32.52	7.57	5.294	CC
300.00	300.00	298.63	298.61	3.35	3.35	89.88	0.09	41.73	41.75	34.09	7.66	5.451	
400.00	400.00	397.03	396.88	3.42	3.41	88.22	1.45	46.62	46.74	38.96	7.78	6.007	
500.00	500.00	494.97	494.45	3.50	3.50	86.14	3.69	54.71	55.12	47.18	7.94	6.942	
600.00	600.00	592.22	591.00	3.61	3.62	84.11	6.80	65.92	66.88	58.75	8.13	8.226	
700.00	700.00	688.57	686.21	3.73	3.76	82.37	10.74	80.14	82.02	73.67	8.35	9.819	
800.00	800.00	787.12	783.33	3.87	3.94	81.02	15.21	96.26	98.87	90.23	8.64	11.445	
900.00	899.98	885.93	880.71	4.02	4.15	-12.06	19.69	112.41	114.06	105.12	8.94	12.758	
1,000.00	999.84	985.19	978.52	4.17	4.38	-13.23	24.19	128.64	125.92	116.66	9.26	13.597	
1,100.00	1,099.45	1,084.77	1,076.66	4.33	4.63	-14.57	28.71	144.93	134.46	124.84	9.61	13.985	
1,200.00	1,198.70	1,184.55	1,175.00	4.52	4.90	-16.15	33.23	161.24	139.72	129.72	10.00	13.973	
1,300.00	1,297.47	1,284.42	1,273.41	4.73	5.18	-18.05	37.76	177.57	141.77	131.35	10.42	13.612	
1,400.00	1,395.82	1,384.27	1,371.81	4.97	5.47	-20.25	42.29	193.90	141.66	130.80	10.86	13.044	
1,441.80	1,436.92	1,426.01	1,412.95	5.08	5.60	-21.17	44.18	200.73	141.64	130.59	11.06	12.811	
1,500.00	1,494.16	1,484.12	1,470.22	5.23	5.78	-22.46	46.82	210.23	141.68	130.35	11.34	12.499	
1,600.00	1,592.50	1,583.97	1,568.62	5.51	6.09	-24.67	51.35	226.56	141.91	130.07	11.84	11.990	
1,700.00	1,690.83	1,683.82	1,667.02	5.79	6.41	-26.86	55.88	242.88	142.35	129.99	12.36	11.517	
1,800.00	1,789.17	1,783.67	1,765.42	6.10	6.73	-29.04	60.40	259.21	142.99	130.09	12.91	11.078	
1,900.00	1,887.51	1,883.52	1,863.82	6.26	6.93	-31.20	64.93	275.54	143.85	130.99	12.85	11.191	
2,000.00	1,985.85	1,983.37	1,962.23	6.30	7.00	-33.33	69.46	291.87	144.90	131.95	12.95	11.191	
2,100.00	2,084.19	2,083.22	2,060.63	6.35	7.05	-35.42	73.99	308.20	146.15	133.09	13.06	11.193	
2,200.00	2,182.53	2,183.07	2,159.03	6.43	7.12	-37.48	78.52	324.52	147.60	134.39	13.20	11.178	
2,300.00	2,280.86	2,282.92	2,257.43	6.52	7.20	-39.49	83.04	340.85	149.23	135.84	13.39	11.147	
2,400.00	2,379.20	2,382.77	2,358.83	6.63	7.30	-41.46	87.57	357.18	151.04	137.43	13.60	11.102	
2,500.00	2,477.54	2,482.62	2,454.24	6.75	7.41	-43.38	92.10	373.51	153.02	139.17	13.86	11.044	
2,600.00	2,575.88	2,582.47	2,552.64	6.89	7.53	-45.25	96.63	389.83	155.18	141.04	14.14	10.975	
2,700.00	2,674.22	2,682.32	2,651.04	7.05	7.67	-47.06	101.16	406.16	157.49	143.04	14.45	10.897	
2,800.00	2,772.55	2,782.17	2,749.44	7.21	7.82	-48.83	105.68	422.49	159.96	145.17	14.79	10.813	
2,900.00	2,870.89	2,882.02	2,847.84	7.39	7.98	-50.53	110.21	438.82	162.58	147.41	15.16	10.724	
3,000.00	2,969.23	2,981.87	2,946.25	7.59	8.15	-52.18	114.74	455.14	165.33	149.78	15.55	10.631	
3,100.00	3,067.57	3,081.72	3,044.65	7.79	8.33	-53.78	119.27	471.47	168.22	152.25	15.96	10.537	
3,200.00	3,165.91	3,181.57	3,143.05	8.00	8.52	-55.32	123.80	487.80	171.23	154.83	16.40	10.442	
3,300.00	3,264.25	3,281.42	3,241.45	8.22	8.72	-56.81	128.33	504.13	174.36	157.51	16.85	10.348	
3,400.00	3,362.58	3,381.27	3,339.85	8.46	8.93	-58.24	132.85	520.46	177.61	160.29	17.32	10.255	
3,500.00	3,460.92	3,481.12	3,438.26	8.69	9.14	-59.62	137.38	536.78	180.97	163.16	17.80	10.164	
3,600.00	3,559.26	3,580.97	3,536.66	8.94	9.36	-60.95	141.91	553.11	184.42	166.12	18.30	10.076	
3,700.00	3,657.60	3,680.82	3,635.06	9.19	9.59	-62.23	146.44	569.44	187.97	169.16	18.81	9.991	
3,800.00	3,755.94	3,780.67	3,733.46	9.45	9.83	-63.47	150.97	585.77	191.61	172.28	19.34	9.910	
3,900.00	3,854.27	3,880.52	3,831.86	9.72	10.07	-64.65	155.49	602.09	195.34	175.47	19.87	9.831	
4,000.00	3,952.61	3,980.37	3,930.27	9.99	10.31	-65.79	160.02	618.42	199.15	178.74	20.41	9.756	
4,100.00	4,050.95	4,080.22	4,028.67	10.26	10.56	-66.89	164.55	634.75	203.03	182.07	20.96	9.685	
4,200.00	4,149.29	4,180.07	4,127.07	10.54	10.82	-67.95	169.08	651.08	206.99	185.47	21.52	9.617	
4,300.00	4,247.63	4,279.92	4,225.47	10.82	11.08	-68.97	173.61	667.40	211.01	188.92	22.09	9.552	
4,400.00	4,345.97	4,379.77	4,323.87	11.11	11.34	-69.95	178.13	683.73	215.10	192.44	22.66	9.491	
4,500.00	4,444.30	4,479.62	4,422.28	11.40	11.61	-70.89	182.66	700.06	219.25	196.01	23.24	9.433	
4,600.00	4,542.64	4,579.47	4,520.68	11.69	11.88	-71.79	187.19	716.39	223.45	199.62	23.83	9.377	
4,700.00	4,640.98	4,679.32	4,619.08	11.99	12.15	-72.67	191.72	732.71	227.71	203.29	24.42	9.325	
4,800.00	4,739.32	4,779.17	4,717.48	12.29	12.43	-73.51	196.25	749.04	232.02	207.01	25.01	9.276	
4,900.00	4,837.66	4,879.02	4,815.88	12.59	12.71	-74.32	200.77	765.37	236.38	210.77	25.61	9.229	
5,000.00	4,936.00	4,978.87	4,914.29	12.89	12.99	-75.10	205.30	781.70	240.78	214.57	26.22	9.184	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,078.72	5,012.69	13.20	13.28	-75.85	209.83	798.03	245.23	218.41	26.82	9.142	
5,200.00	5,132.67	5,178.57	5,111.09	13.51	13.57	-76.58	214.36	814.35	249.72	222.28	27.43	9.103	
5,300.00	5,231.01	5,278.43	5,209.49	13.82	13.86	-77.28	218.89	830.68	254.24	226.20	28.05	9.065	
5,400.00	5,329.35	5,378.28	5,307.90	14.13	14.15	-77.95	223.42	847.01	258.80	230.14	28.66	9.029	
5,500.00	5,427.69	5,478.13	5,406.30	14.44	14.44	-78.60	227.94	863.34	263.40	234.12	29.28	8.995	
5,600.00	5,526.02	5,577.98	5,504.70	14.76	14.74	-79.23	232.47	879.66	268.03	238.13	29.90	8.963	
5,700.00	5,624.36	5,677.83	5,603.10	15.08	15.03	-79.84	237.00	895.99	272.69	242.17	30.53	8.933	
5,800.00	5,722.70	5,777.68	5,701.50	15.39	15.33	-80.43	241.53	912.32	277.38	246.23	31.15	8.904	
5,900.00	5,821.04	5,877.53	5,799.91	15.71	15.63	-81.00	246.06	928.65	282.10	250.32	31.78	8.877	
6,000.00	5,919.38	5,977.38	5,898.31	16.03	15.93	-81.55	250.58	944.97	286.85	254.44	32.41	8.851	
6,100.00	6,017.72	6,077.23	5,996.71	16.35	16.24	-82.08	255.11	961.30	291.62	258.58	33.04	8.826	
6,200.00	6,116.05	6,177.08	6,095.11	16.68	16.54	-82.59	259.64	977.63	296.41	262.74	33.68	8.802	
6,300.00	6,214.39	6,276.93	6,193.51	17.00	16.85	-83.09	264.17	993.96	301.23	266.92	34.31	8.780	
6,400.00	6,312.73	6,376.78	6,291.92	17.33	17.15	-83.57	268.70	1,010.29	306.07	271.13	34.95	8.758	
6,500.00	6,411.07	6,476.63	6,390.32	17.65	17.46	-84.04	273.22	1,026.61	310.93	275.35	35.58	8.738	
6,600.00	6,509.41	6,578.96	6,491.34	17.98	17.74	-84.72	277.86	1,042.13	315.67	279.47	36.20	8.720	
6,700.00	6,608.03	6,683.17	6,595.31	18.27	17.92	-88.84	282.54	1,044.23	319.34	282.65	36.69	8.704	
6,800.00	6,707.89	6,784.28	6,695.22	18.44	18.02	96.51	286.92	1,030.04	323.49	286.54	36.95	8.755	
6,900.00	6,806.95	6,882.75	6,789.17	18.53	18.06	88.68	290.94	1,001.18	328.28	291.22	37.06	8.859	
7,000.00	6,902.79	6,978.81	6,875.49	18.56	18.06	84.91	294.52	959.39	333.52	296.48	37.04	9.005	
7,100.00	6,993.03	7,072.72	6,952.87	18.55	18.04	81.76	297.62	906.43	338.95	302.02	36.93	9.178	
7,200.00	7,075.46	7,164.74	7,020.36	18.51	18.03	79.02	300.21	844.05	344.30	307.51	36.79	9.359	
7,300.00	7,148.05	7,255.13	7,077.24	18.49	18.04	76.65	302.27	773.92	349.29	312.61	36.68	9.523	
7,400.00	7,209.00	7,344.15	7,123.01	18.51	18.11	74.65	303.79	697.67	353.65	316.97	36.68	9.641	
7,500.00	7,256.83	7,432.04	7,157.35	18.59	18.25	73.03	304.77	616.85	357.13	320.28	36.85	9.691	
7,600.00	7,290.34	7,519.03	7,180.08	18.76	18.47	71.78	305.20	532.95	359.55	322.32	37.23	9.657	
7,700.00	7,308.73	7,605.34	7,191.15	19.02	18.75	70.90	305.10	447.41	360.75	322.92	37.83	9.536	
7,800.00	7,311.63	7,704.35	7,191.01	19.37	19.18	70.47	304.46	357.15	360.47	321.80	38.66	9.323	
7,900.00	7,308.36	7,804.36	7,187.83	19.85	19.74	70.40	303.62	257.22	359.04	319.33	39.70	9.043	
8,000.00	7,305.09	7,904.37	7,184.65	20.46	20.42	70.33	302.78	157.28	357.60	316.63	40.97	8.728	
8,100.00	7,301.83	8,004.38	7,181.47	21.18	21.21	70.27	301.94	57.35	356.17	313.73	42.45	8.391	
8,200.00	7,298.56	8,104.39	7,178.29	22.01	22.10	70.20	301.10	-42.59	354.74	310.63	44.11	8.043	
8,300.00	7,295.30	8,204.40	7,175.12	22.93	23.07	70.13	300.25	-142.52	353.31	307.37	45.94	7.691	
8,400.00	7,292.03	8,304.42	7,171.94	23.93	24.12	70.06	299.41	-242.46	351.88	303.97	47.91	7.345	
8,500.00	7,288.76	8,404.43	7,168.76	25.01	25.24	69.99	298.57	-342.39	350.45	300.44	50.01	7.007	
8,600.00	7,285.50	8,504.44	7,165.58	26.14	26.42	69.92	297.73	-442.33	349.02	296.79	52.23	6.683	
8,700.00	7,282.23	8,604.45	7,162.40	27.34	27.64	69.85	296.89	-542.26	347.59	293.05	54.54	6.373	
8,800.00	7,278.96	8,704.46	7,159.22	28.58	28.91	69.78	296.05	-642.20	346.16	289.23	56.94	6.080	
8,900.00	7,275.70	8,804.47	7,156.04	29.86	30.22	69.70	295.21	-742.13	344.73	285.33	59.41	5.803	
9,000.00	7,272.43	8,904.48	7,152.86	31.18	31.57	69.63	294.37	-842.07	343.31	281.36	61.95	5.542	
9,100.00	7,269.17	9,004.49	7,149.68	32.54	32.94	69.56	293.52	-942.00	341.88	277.34	64.54	5.297	
9,200.00	7,265.90	9,104.50	7,146.50	33.92	34.34	69.48	292.68	-1,041.94	340.45	273.27	67.19	5.067	
9,300.00	7,262.63	9,204.52	7,143.32	35.33	35.76	69.41	291.84	-1,141.87	339.03	269.15	69.88	4.852	
9,400.00	7,259.37	9,304.53	7,140.14	36.76	37.21	69.33	291.00	-1,241.81	337.60	265.00	72.61	4.650	
9,500.00	7,256.10	9,404.54	7,136.97	38.21	38.67	69.26	290.16	-1,341.74	336.18	260.81	75.37	4.460	
9,600.00	7,252.84	9,504.55	7,133.79	39.67	40.15	69.18	289.32	-1,441.67	334.76	256.59	78.16	4.283	
9,700.00	7,249.57	9,604.56	7,130.61	41.16	41.64	69.11	288.48	-1,541.61	333.33	252.35	80.98	4.116	
9,800.00	7,246.30	9,695.43	7,127.43	42.65	43.01	69.03	287.64	-1,641.54	331.91	248.22	83.69	3.966	
9,900.00	7,243.04	9,804.58	7,124.25	44.16	44.66	68.95	286.79	-1,741.48	330.49	243.80	86.69	3.812	
10,000.00	7,239.77	9,904.59	7,121.07	45.68	46.19	68.87	285.95	-1,841.41	329.07	239.49	89.57	3.674	
10,100.00	7,236.50	10,004.61	7,117.89	47.21	47.73	68.79	285.11	-1,941.35	327.65	235.17	92.47	3.543	
10,200.00	7,233.24	10,104.62	7,114.71	48.75	49.27	68.71	284.27	-2,041.28	326.22	230.84	95.39	3.420	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,229.97	10,204.63	7,111.53	50.30	50.83	68.63	283.43	-2,141.22	324.81	226.49	98.32	3.304	
10,400.00	7,226.71	10,304.64	7,108.35	51.86	52.39	68.55	282.59	-2,241.15	323.39	222.13	101.26	3.194	
10,500.00	7,223.44	10,404.65	7,105.17	53.42	53.96	68.46	281.75	-2,341.09	321.97	217.76	104.21	3.090	
10,600.00	7,220.17	10,504.66	7,102.00	54.99	55.53	68.38	280.91	-2,441.02	320.55	213.38	107.17	2.991	
10,700.00	7,216.91	10,604.67	7,098.82	56.57	57.11	68.30	280.06	-2,540.96	319.13	209.00	110.14	2.898	
10,800.00	7,213.64	10,704.68	7,095.64	58.15	58.70	68.21	279.22	-2,640.89	317.72	204.61	113.11	2.809	
10,900.00	7,210.38	10,804.69	7,092.46	59.74	60.29	68.13	278.38	-2,740.83	316.30	200.21	116.09	2.725	
11,000.00	7,207.11	10,904.71	7,089.28	61.33	61.88	68.04	277.54	-2,840.76	314.89	195.81	119.08	2.644	
11,100.00	7,203.84	11,004.72	7,086.10	62.92	63.48	67.95	276.70	-2,940.70	313.47	191.40	122.07	2.568	
11,200.00	7,200.58	11,104.73	7,082.92	64.52	65.08	67.86	275.86	-3,040.63	312.06	186.99	125.07	2.495	
11,300.00	7,197.31	11,204.74	7,079.74	66.12	66.68	67.78	275.02	-3,140.57	310.65	182.58	128.07	2.426	
11,400.00	7,194.05	11,304.75	7,076.56	67.73	68.29	67.69	274.18	-3,240.50	309.24	178.16	131.08	2.359	
11,500.00	7,190.78	11,395.24	7,073.38	69.34	69.75	67.59	273.33	-3,340.44	307.83	173.89	133.94	2.298	
11,600.00	7,187.51	11,495.23	7,070.20	70.95	71.36	67.50	272.49	-3,440.37	306.42	169.47	136.95	2.238	
11,700.00	7,184.25	11,604.78	7,067.02	72.57	73.13	67.41	271.65	-3,540.31	305.01	164.90	140.10	2.177	
11,800.00	7,180.98	11,704.79	7,063.85	74.18	74.75	67.32	270.81	-3,640.24	303.60	160.48	143.11	2.121	
11,900.00	7,177.71	11,804.81	7,060.67	75.80	76.37	67.22	269.97	-3,740.17	302.19	156.06	146.13	2.068	
12,000.00	7,174.45	11,904.82	7,057.49	77.43	77.99	67.13	269.13	-3,840.11	300.78	151.64	149.14	2.017	
12,100.00	7,171.18	12,004.83	7,054.31	79.05	79.62	67.03	268.29	-3,940.04	299.38	147.22	152.16	1.968	
12,200.00	7,167.92	12,104.84	7,051.13	80.68	81.25	66.94	267.45	-4,039.98	297.97	142.80	155.17	1.920	
12,300.00	7,164.65	12,204.85	7,047.95	82.30	82.87	66.84	266.60	-4,139.91	296.57	138.38	158.18	1.875	
12,400.00	7,161.38	12,304.86	7,044.77	83.93	84.51	66.74	265.76	-4,239.85	295.16	133.97	161.20	1.831	
12,500.00	7,158.12	12,404.87	7,041.59	85.56	86.14	66.64	264.92	-4,339.78	293.76	129.55	164.21	1.789	
12,600.00	7,154.85	12,504.88	7,038.41	87.20	87.77	66.54	264.08	-4,439.72	292.36	125.14	167.22	1.748	
12,700.00	7,151.59	12,604.89	7,035.23	88.83	89.41	66.44	263.24	-4,539.65	290.96	120.73	170.23	1.709	
12,800.00	7,148.32	12,704.91	7,032.05	90.47	91.04	66.34	262.40	-4,639.59	289.56	116.32	173.24	1.671	
12,900.00	7,145.05	12,804.92	7,028.88	92.11	92.68	66.24	261.56	-4,739.52	288.16	111.91	176.25	1.635	
13,000.00	7,141.79	12,904.93	7,025.70	93.74	94.32	66.13	260.72	-4,839.46	286.76	107.51	179.25	1.600	
13,100.00	7,138.52	12,995.06	7,022.52	95.38	95.79	66.03	259.87	-4,939.39	285.36	103.26	182.10	1.567	
13,200.00	7,135.25	13,104.95	7,019.34	97.02	97.60	65.92	259.03	-5,039.33	283.97	98.72	185.25	1.533	
13,300.00	7,131.99	13,195.04	7,016.16	98.67	99.08	65.81	258.19	-5,139.26	282.57	94.48	188.10	1.502	
13,400.00	7,128.72	13,304.97	7,012.98	100.31	100.88	65.70	257.35	-5,239.20	281.18	89.93	191.24	1.470 Level 3	
13,500.00	7,125.46	13,404.98	7,009.80	101.95	102.53	65.60	256.51	-5,339.13	279.79	85.55	194.24	1.440 Level 3	
13,600.00	7,122.19	13,505.00	7,006.62	103.60	104.17	65.48	255.67	-5,439.07	278.39	81.17	197.22	1.412 Level 3	
13,700.00	7,118.92	13,605.01	7,003.44	105.24	105.82	65.37	254.83	-5,539.00	277.00	76.79	200.21	1.384 Level 3	
13,800.00	7,115.66	13,705.02	7,000.26	106.89	107.46	65.26	253.99	-5,638.94	275.61	72.42	203.19	1.356 Level 3	
13,900.00	7,112.39	13,805.03	6,997.08	108.54	109.11	65.15	253.14	-5,738.87	274.22	68.06	206.17	1.330 Level 3	
14,000.00	7,109.13	13,905.04	6,993.90	110.18	110.76	65.03	252.30	-5,838.80	272.83	63.69	209.14	1.305 Level 3	
14,100.00	7,105.86	14,005.05	6,990.73	111.83	112.40	64.92	251.46	-5,938.74	271.45	59.34	212.11	1.280 Level 3	
14,200.00	7,102.59	14,105.06	6,987.55	113.48	114.05	64.80	250.62	-6,038.67	270.06	54.99	215.08	1.256 Level 3	
14,300.00	7,099.33	14,205.07	6,984.37	115.13	115.70	64.68	249.78	-6,138.61	268.68	50.64	218.04	1.232 Level 2	
14,400.00	7,096.06	14,305.08	6,981.19	116.78	117.35	64.56	248.94	-6,238.54	267.29	46.30	220.99	1.210 Level 2	
14,500.00	7,092.79	14,405.10	6,978.01	118.43	119.00	64.44	248.10	-6,338.48	265.91	41.97	223.94	1.187 Level 2	
14,600.00	7,089.53	14,505.11	6,974.83	120.09	120.66	64.32	247.26	-6,438.41	264.53	37.64	226.89	1.166 Level 2	
14,700.00	7,086.26	14,605.12	6,971.65	121.74	122.31	64.19	246.41	-6,538.35	263.15	33.32	229.83	1.145 Level 2	
14,800.00	7,083.00	14,705.13	6,968.47	123.39	123.96	64.07	245.57	-6,638.28	261.77	29.01	232.77	1.125 Level 2	
14,900.00	7,079.73	14,805.14	6,965.29	125.05	125.61	63.94	244.73	-6,738.22	260.40	24.70	235.70	1.105 Level 2	
15,000.00	7,076.46	14,905.15	6,962.11	126.70	127.27	63.81	243.89	-6,838.15	259.02	20.40	238.62	1.085 Level 2	
15,100.00	7,073.20	15,005.16	6,958.93	128.35	128.92	63.68	243.05	-6,938.09	257.65	16.11	241.54	1.067 Level 2	
15,200.00	7,069.93	15,105.17	6,955.76	130.01	130.57	63.55	242.21	-7,038.02	256.27	11.82	244.45	1.048 Level 2	
15,300.00	7,066.67	15,205.18	6,952.58	131.66	132.23	63.42	241.37	-7,137.96	254.90	7.54	247.36	1.030 Level 2	
15,400.00	7,063.40	15,305.20	6,949.40	133.32	133.88	63.29	240.53	-7,237.89	253.53	3.27	250.26	1.013 Level 2	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,060.13	15,394.79	6,946.22	134.98	135.37	63.15	239.68	-7,337.83	252.16	-0.83	252.99	0.997	Level 1
15,600.00	7,056.87	15,494.78	6,943.04	136.63	137.02	63.02	238.84	-7,437.76	250.79	-5.09	255.88	0.980	Level 1
15,634.69	7,055.73	15,529.47	6,941.94	137.21	137.60	62.97	238.55	-7,472.43	250.32	-6.56	256.88	0.974	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	-89.74	0.36	-79.90	79.90				
100.00	100.00	100.00	100.00	3.28	3.28	-89.74	0.36	-79.90	79.90	72.38	7.53	10.613	
200.00	200.00	200.00	200.00	3.31	3.31	-89.74	0.36	-79.90	79.90	72.33	7.57	10.550	
300.00	300.00	301.19	301.19	3.35	3.35	-89.92	0.11	-79.52	79.53	71.87	7.66	10.380	
400.00	400.00	403.45	403.38	3.42	3.41	-91.41	-1.89	-76.47	76.56	68.78	7.78	9.836	
500.00	500.00	505.31	504.98	3.50	3.50	-94.76	-5.86	-70.39	70.81	62.86	7.95	8.909	
600.00	600.00	606.54	605.62	3.61	3.61	-100.86	-11.77	-61.36	62.73	54.58	8.16	7.691	
700.00	700.00	706.87	704.94	3.73	3.75	-111.55	-19.54	-49.48	53.43	45.01	8.42	6.345	
800.00	800.00	806.09	802.61	3.87	3.94	-129.83	-29.10	-34.88	45.50	36.74	8.76	5.193	
858.21	858.21	863.32	858.71	3.95	4.06	124.49	-35.26	-25.47	43.83	34.85	8.98	4.880 CC, ES	
900.00	899.98	904.46	899.05	4.02	4.16	115.21	-39.70	-18.68	44.60	35.47	9.13	4.883	
1,000.00	999.84	1,003.24	995.89	4.17	4.41	98.25	-50.36	-2.38	51.14	41.65	9.49	5.390	
1,100.00	1,099.45	1,102.37	1,093.08	4.33	4.69	88.99	-61.07	13.97	60.88	51.01	9.87	6.170	
1,200.00	1,198.70	1,201.73	1,190.48	4.52	4.99	85.10	-71.79	30.36	71.34	61.04	10.30	6.929	
1,300.00	1,297.47	1,301.19	1,288.00	4.73	5.30	84.60	-82.53	46.77	81.63	70.84	10.78	7.569	
1,400.00	1,395.82	1,400.66	1,385.51	4.97	5.63	85.85	-93.27	63.18	91.71	80.38	11.33	8.095	
1,500.00	1,494.16	1,500.13	1,483.03	5.23	5.98	86.95	-104.00	79.59	101.83	89.92	11.91	8.552	
1,600.00	1,592.50	1,600.40	1,580.55	5.51	6.33	87.85	-114.74	95.99	111.98	99.46	12.52	8.948	
1,700.00	1,690.83	1,700.93	1,678.07	5.79	6.70	88.60	-125.48	112.40	122.15	109.00	13.15	9.292	
1,800.00	1,789.17	1,801.46	1,775.58	6.10	7.06	89.23	-136.22	128.81	132.34	118.55	13.79	9.594	
1,900.00	1,887.51	1,901.99	1,873.10	6.26	7.27	89.78	-146.95	145.22	142.54	128.77	13.77	10.350	
2,000.00	1,985.85	2,002.52	1,970.62	6.30	7.31	90.25	-157.69	161.63	152.76	138.90	13.86	11.024	
2,100.00	2,084.19	2,096.95	2,068.14	6.35	7.37	90.66	-168.43	178.04	162.98	149.00	13.97	11.663	
2,200.00	2,182.53	2,203.58	2,165.65	6.43	7.46	91.02	-179.17	194.45	173.21	159.08	14.13	12.256	
2,300.00	2,280.86	2,295.89	2,263.17	6.52	7.55	91.35	-189.90	210.86	183.44	169.13	14.31	12.816	
2,400.00	2,379.20	2,404.64	2,360.69	6.63	7.68	91.63	-200.64	227.26	193.69	179.14	14.54	13.318	
2,500.00	2,477.54	2,505.17	2,458.21	6.75	7.81	91.89	-211.38	243.67	203.93	189.14	14.79	13.784	
2,600.00	2,575.88	2,605.70	2,555.72	6.89	7.96	92.13	-222.12	260.08	214.18	199.10	15.08	14.206	
2,700.00	2,674.22	2,706.23	2,653.24	7.05	8.12	92.34	-232.86	276.49	224.43	209.05	15.39	14.587	
2,800.00	2,772.55	2,806.76	2,750.76	7.21	8.29	92.54	-243.59	292.90	234.69	218.97	15.72	14.928	
2,900.00	2,870.89	2,907.29	2,848.28	7.39	8.48	92.72	-254.33	309.31	244.95	228.87	16.08	15.231	
3,000.00	2,969.23	3,007.82	2,945.79	7.59	8.68	92.88	-265.07	325.72	255.21	238.74	16.47	15.500	
3,100.00	3,067.57	3,108.35	3,043.31	7.79	8.89	93.03	-275.81	342.13	265.47	248.60	16.87	15.737	
3,200.00	3,165.91	3,191.12	3,140.83	8.00	9.07	93.17	-286.54	358.54	275.73	258.48	17.26	15.979	
3,300.00	3,264.25	3,290.59	3,238.35	8.22	9.30	93.30	-297.28	374.94	286.00	268.30	17.69	16.163	
3,400.00	3,362.58	3,409.94	3,335.86	8.46	9.58	93.42	-308.02	391.35	296.26	278.07	18.20	16.282	
3,500.00	3,460.92	3,489.53	3,433.38	8.69	9.77	93.53	-318.76	407.76	306.53	287.91	18.62	16.462	
3,600.00	3,559.26	3,589.00	3,530.90	8.94	10.02	93.64	-329.49	424.17	316.80	297.69	19.11	16.581	
3,700.00	3,657.60	3,688.47	3,628.42	9.19	10.28	93.74	-340.23	440.58	327.07	307.47	19.61	16.683	
3,800.00	3,755.94	3,787.94	3,725.94	9.45	10.54	93.83	-350.97	456.99	337.34	317.23	20.12	16.770	
3,900.00	3,854.27	3,887.41	3,823.45	9.72	10.81	93.92	-361.71	473.40	347.61	326.97	20.64	16.843	
4,000.00	3,952.61	3,986.88	3,920.97	9.99	11.08	94.00	-372.45	489.81	357.89	336.71	21.17	16.904	
4,100.00	4,050.95	4,086.34	4,018.49	10.26	11.36	94.08	-383.18	506.21	368.16	346.44	21.71	16.954	
4,200.00	4,149.29	4,185.81	4,116.01	10.54	11.65	94.15	-393.92	522.62	378.43	356.17	22.27	16.995	
4,300.00	4,247.63	4,285.28	4,213.52	10.82	11.94	94.22	-404.66	539.03	388.71	365.88	22.83	17.028	
4,400.00	4,345.97	4,384.75	4,311.04	11.11	12.23	94.29	-415.40	555.44	398.98	375.59	23.39	17.054	
4,500.00	4,444.30	4,484.22	4,408.56	11.40	12.53	94.35	-426.13	571.85	409.26	385.29	23.97	17.074	
4,600.00	4,542.64	4,583.69	4,506.08	11.69	12.83	94.41	-436.87	588.26	419.53	394.98	24.55	17.088	
4,700.00	4,640.98	4,683.16	4,603.59	11.99	13.13	94.47	-447.61	604.67	429.81	404.67	25.14	17.097	
4,800.00	4,739.32	4,782.63	4,701.11	12.29	13.44	94.52	-458.35	621.08	440.09	414.35	25.73	17.102	
4,900.00	4,837.66	4,882.10	4,798.63	12.59	13.75	94.57	-469.08	637.48	450.36	424.03	26.33	17.103	
5,000.00	4,936.00	4,981.57	4,896.15	12.89	14.06	94.62	-479.82	653.89	460.64	433.70	26.94	17.101	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,034.33	5,081.04	4,993.66	13.20	14.37	94.67	-490.56	670.30	470.92	443.37	27.55	17.096	
5,200.00	5,132.67	5,180.51	5,091.18	13.51	14.69	94.72	-501.30	686.71	481.20	453.04	28.16	17.089	
5,300.00	5,231.01	5,279.98	5,188.70	13.82	15.01	94.76	-512.04	703.12	491.47	462.70	28.78	17.079	
5,400.00	5,329.35	5,379.45	5,286.22	14.13	15.33	94.80	-522.77	719.53	501.75	472.36	29.40	17.068	
5,500.00	5,427.69	5,478.92	5,383.73	14.44	15.66	94.84	-533.51	735.94	512.03	482.01	30.02	17.055	
5,600.00	5,526.02	5,578.39	5,481.25	14.76	15.98	94.88	-544.25	752.35	522.31	491.66	30.65	17.041	
5,700.00	5,624.36	5,677.86	5,578.77	15.08	16.31	94.92	-554.99	768.76	532.59	501.31	31.28	17.026	
5,800.00	5,722.70	5,777.33	5,676.29	15.39	16.64	94.95	-565.72	785.16	542.87	510.95	31.92	17.009	
5,900.00	5,821.04	5,876.80	5,773.80	15.71	16.97	94.99	-576.46	801.57	553.15	520.60	32.55	16.992	
6,000.00	5,919.38	5,976.27	5,871.32	16.03	17.30	95.02	-587.20	817.98	563.43	530.24	33.19	16.975	
6,100.00	6,017.72	6,075.74	5,968.84	16.35	17.63	95.05	-597.94	834.39	573.71	539.87	33.83	16.956	
6,200.00	6,116.05	6,175.21	6,066.36	16.68	17.96	95.08	-608.67	850.80	583.99	549.51	34.48	16.937	
6,300.00	6,214.39	6,274.68	6,163.87	17.00	18.30	95.11	-619.41	867.21	594.27	559.14	35.13	16.918	
6,400.00	6,312.73	6,374.15	6,261.39	17.33	18.64	95.14	-630.15	883.62	604.55	568.77	35.77	16.899	
6,500.00	6,411.07	6,473.62	6,358.91	17.65	18.97	95.17	-640.89	900.03	614.83	578.40	36.43	16.879	
6,600.00	6,509.41	6,573.09	6,456.43	17.98	19.31	95.19	-651.63	916.43	625.11	588.03	37.08	16.859	
6,700.00	6,608.03	6,672.54	6,553.93	18.27	19.65	94.31	-662.36	932.84	635.17	597.48	37.69	16.851	
6,800.00	6,707.89	6,761.87	6,641.98	18.44	19.87	-76.93	-672.08	943.86	644.25	606.24	38.01	16.950	
6,900.00	6,806.95	6,849.67	6,729.16	18.53	20.01	-81.62	-681.80	942.82	653.36	615.20	38.16	17.122	
7,000.00	6,902.79	6,938.83	6,816.70	18.56	20.11	-82.56	-691.64	929.44	662.42	624.23	38.19	17.345	
7,100.00	6,993.03	7,029.68	6,903.06	18.55	20.16	-83.26	-701.45	903.29	671.30	633.16	38.14	17.602	
7,200.00	7,075.46	7,122.52	6,986.58	18.51	20.16	-83.96	-711.04	864.08	679.84	641.81	38.04	17.873	
7,300.00	7,148.05	7,217.68	7,065.36	18.49	20.14	-84.73	-720.19	811.66	687.92	649.99	37.93	18.134	
7,400.00	7,209.00	7,315.49	7,137.30	18.51	20.09	-85.58	-728.68	746.09	695.38	657.49	37.89	18.354	
7,500.00	7,256.83	7,416.22	7,200.06	18.59	20.04	-86.50	-736.25	667.80	702.03	664.08	37.95	18.498	
7,600.00	7,290.34	7,520.12	7,251.11	18.76	19.99	-87.50	-742.59	577.65	707.70	669.51	38.19	18.532	
7,700.00	7,308.73	7,627.36	7,287.80	19.02	19.97	-88.54	-747.41	477.14	712.19	673.55	38.64	18.433	
7,800.00	7,311.63	7,737.97	7,307.54	19.37	20.02	-89.63	-750.41	368.48	715.29	675.98	39.31	18.196	
7,900.00	7,308.36	7,847.64	7,309.06	19.85	20.19	-90.04	-751.38	258.93	716.80	676.56	40.24	17.812	
8,000.00	7,305.09	7,947.63	7,305.89	20.46	20.53	-90.04	-751.76	158.98	717.83	676.47	41.37	17.353	
8,100.00	7,301.83	8,047.63	7,302.72	21.18	21.05	-90.05	-752.14	59.04	718.86	676.14	42.72	16.827	
8,200.00	7,298.56	8,147.62	7,299.54	22.01	21.74	-90.06	-752.52	-40.90	719.89	675.60	44.29	16.255	
8,300.00	7,295.30	8,247.62	7,296.37	22.93	22.56	-90.07	-752.90	-140.85	720.92	674.87	46.05	15.656	
8,400.00	7,292.03	8,347.61	7,293.20	23.93	23.49	-90.07	-753.28	-240.79	721.94	673.97	47.98	15.048	
8,500.00	7,288.76	8,447.61	7,290.03	25.01	24.50	-90.08	-753.65	-340.74	722.97	672.91	50.06	14.443	
8,600.00	7,285.50	8,547.60	7,286.85	26.14	25.58	-90.09	-754.03	-440.68	724.00	671.73	52.27	13.851	
8,700.00	7,282.23	8,647.60	7,283.68	27.34	26.73	-90.10	-754.41	-540.62	725.03	670.43	54.60	13.278	
8,800.00	7,278.96	8,747.59	7,280.51	28.58	27.93	-90.10	-754.79	-640.57	726.06	669.02	57.04	12.730	
8,900.00	7,275.70	8,847.59	7,277.34	29.86	29.17	-90.11	-755.17	-740.51	727.09	667.53	59.56	12.208	
9,000.00	7,272.43	8,947.58	7,274.16	31.18	30.46	-90.12	-755.55	-840.45	728.11	665.96	62.16	11.714	
9,100.00	7,269.17	9,047.58	7,270.99	32.54	31.78	-90.12	-755.93	-940.40	729.14	664.32	64.83	11.248	
9,200.00	7,265.90	9,147.57	7,267.82	33.92	33.13	-90.13	-756.31	-1,040.34	730.17	662.61	67.56	10.808	
9,300.00	7,262.63	9,247.56	7,264.65	35.33	34.51	-90.14	-756.69	-1,140.28	731.20	660.86	70.34	10.395	
9,400.00	7,259.37	9,347.56	7,261.47	36.76	35.92	-90.15	-757.07	-1,240.23	732.23	659.06	73.17	10.007	
9,500.00	7,256.10	9,447.55	7,258.30	38.21	37.34	-90.15	-757.45	-1,340.17	733.26	657.21	76.04	9.643	
9,600.00	7,252.84	9,547.55	7,255.13	39.67	38.79	-90.16	-757.83	-1,440.12	734.28	655.33	78.95	9.300	
9,700.00	7,249.57	9,647.54	7,251.96	41.16	40.25	-90.17	-758.21	-1,540.06	735.31	653.42	81.90	8.979	
9,800.00	7,246.30	9,747.54	7,248.78	42.65	41.73	-90.17	-758.58	-1,640.00	736.34	651.47	84.87	8.676	
9,900.00	7,243.04	9,847.53	7,245.61	44.16	43.22	-90.18	-758.96	-1,739.95	737.37	649.50	87.87	8.392	
10,000.00	7,239.77	9,947.53	7,242.44	45.68	44.73	-90.19	-759.34	-1,839.89	738.40	647.50	90.89	8.124	
10,100.00	7,236.50	10,047.52	7,239.27	47.21	46.24	-90.19	-759.72	-1,939.83	739.43	645.49	93.94	7.871	
10,200.00	7,233.24	10,147.52	7,236.09	48.75	47.77	-90.20	-760.10	-2,039.78	740.45	643.45	97.01	7.633	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,229.97	10,247.51	7,232.92	50.30	49.30	-90.21	-760.48	-2,139.72	741.48	641.39	100.09	7.408		
10,400.00	7,226.71	10,347.51	7,229.75	51.86	50.85	-90.22	-760.86	-2,239.66	742.51	639.32	103.19	7.196		
10,500.00	7,223.44	10,447.50	7,226.58	53.42	52.40	-90.22	-761.24	-2,339.61	743.54	637.23	106.30	6.994		
10,600.00	7,220.17	10,547.50	7,223.40	54.99	53.96	-90.23	-761.62	-2,439.55	744.57	635.13	109.43	6.804		
10,700.00	7,216.91	10,647.49	7,220.23	56.57	55.52	-90.24	-762.00	-2,539.49	745.60	633.02	112.57	6.623		
10,800.00	7,213.64	10,747.49	7,217.06	58.15	57.09	-90.24	-762.38	-2,639.44	746.62	630.90	115.73	6.452		
10,900.00	7,210.38	10,847.48	7,213.89	59.74	58.67	-90.25	-762.76	-2,739.38	747.65	628.76	118.89	6.289		
11,000.00	7,207.11	10,947.47	7,210.71	61.33	60.25	-90.26	-763.14	-2,839.33	748.68	626.62	122.06	6.134		
11,100.00	7,203.84	11,047.47	7,207.54	62.92	61.83	-90.26	-763.51	-2,939.27	749.71	624.46	125.24	5.986		
11,200.00	7,200.58	11,147.46	7,204.37	64.52	63.43	-90.27	-763.89	-3,039.21	750.74	622.30	128.43	5.845		
11,300.00	7,197.31	11,247.46	7,201.19	66.12	65.02	-90.28	-764.27	-3,139.16	751.77	620.13	131.63	5.711		
11,400.00	7,194.05	11,347.45	7,198.02	67.73	66.62	-90.28	-764.65	-3,239.10	752.79	617.96	134.84	5.583		
11,500.00	7,190.78	11,447.45	7,194.85	69.34	68.22	-90.29	-765.03	-3,339.04	753.82	615.78	138.05	5.461		
11,600.00	7,187.51	11,547.44	7,191.68	70.95	69.82	-90.30	-765.41	-3,438.99	754.85	613.59	141.27	5.343		
11,700.00	7,184.25	11,647.44	7,188.50	72.57	71.43	-90.30	-765.79	-3,538.93	755.88	611.39	144.49	5.231		
11,800.00	7,180.98	11,747.43	7,185.33	74.18	73.04	-90.31	-766.17	-3,638.87	756.91	609.19	147.72	5.124		
11,900.00	7,177.71	11,847.43	7,182.16	75.80	74.66	-90.32	-766.55	-3,738.82	757.94	606.99	150.95	5.021		
12,000.00	7,174.45	11,947.42	7,178.99	77.43	76.27	-90.32	-766.93	-3,838.76	758.97	604.78	154.19	4.922		
12,100.00	7,171.18	12,047.42	7,175.81	79.05	77.89	-90.33	-767.31	-3,938.71	759.99	602.56	157.43	4.827		
12,200.00	7,167.92	12,147.41	7,172.64	80.68	79.51	-90.34	-767.69	-4,038.65	761.02	600.34	160.68	4.736		
12,300.00	7,164.65	12,247.41	7,169.47	82.30	81.13	-90.34	-768.07	-4,138.59	762.05	598.12	163.93	4.649		
12,400.00	7,161.38	12,347.40	7,166.30	83.93	82.76	-90.35	-768.44	-4,238.54	763.08	595.89	167.19	4.564		
12,500.00	7,158.12	12,447.39	7,163.12	85.56	84.38	-90.36	-768.82	-4,338.48	764.11	593.67	170.44	4.483		
12,600.00	7,154.85	12,547.39	7,159.95	87.20	86.01	-90.36	-769.20	-4,438.42	765.14	591.43	173.70	4.405		
12,700.00	7,151.59	12,647.38	7,156.78	88.83	87.64	-90.37	-769.58	-4,538.37	766.17	589.20	176.97	4.329		
12,800.00	7,148.32	12,747.38	7,153.61	90.47	89.27	-90.38	-769.96	-4,638.31	767.19	586.96	180.24	4.257		
12,900.00	7,145.05	12,847.37	7,150.43	92.11	90.90	-90.38	-770.34	-4,738.25	768.22	584.72	183.51	4.186		
13,000.00	7,141.79	12,947.37	7,147.26	93.74	92.54	-90.39	-770.72	-4,838.20	769.25	582.47	186.78	4.118		
13,100.00	7,138.52	13,047.36	7,144.09	95.38	94.17	-90.40	-771.10	-4,938.14	770.28	580.23	190.06	4.053		
13,200.00	7,135.25	13,147.36	7,140.92	97.02	95.81	-90.40	-771.48	-5,038.09	771.31	577.98	193.33	3.990		
13,300.00	7,131.99	13,247.35	7,137.74	98.67	97.45	-90.41	-771.86	-5,138.03	772.34	575.73	196.61	3.928		
13,400.00	7,128.72	13,347.35	7,134.57	100.31	99.08	-90.41	-772.24	-5,237.97	773.37	573.47	199.89	3.869		
13,500.00	7,125.46	13,447.34	7,131.40	101.95	100.72	-90.42	-772.62	-5,337.92	774.40	571.22	203.18	3.811		
13,600.00	7,122.19	13,547.34	7,128.23	103.60	102.36	-90.43	-773.00	-5,437.86	775.42	568.96	206.46	3.756		
13,700.00	7,118.92	13,647.33	7,125.05	105.24	104.01	-90.43	-773.37	-5,537.80	776.45	566.70	209.75	3.702		
13,800.00	7,115.66	13,747.33	7,121.88	106.89	105.65	-90.44	-773.75	-5,637.75	777.48	564.44	213.04	3.649		
13,900.00	7,112.39	13,847.32	7,118.71	108.54	107.29	-90.45	-774.13	-5,737.69	778.51	562.18	216.33	3.599		
14,000.00	7,109.13	13,947.31	7,115.54	110.18	108.94	-90.45	-774.51	-5,837.63	779.54	559.91	219.63	3.549		
14,100.00	7,105.86	14,047.31	7,112.36	111.83	110.58	-90.46	-774.89	-5,937.58	780.57	557.65	222.92	3.502		
14,200.00	7,102.59	14,147.30	7,109.19	113.48	112.23	-90.46	-775.27	-6,037.52	781.60	555.38	226.22	3.455		
14,300.00	7,099.33	14,247.30	7,106.02	115.13	113.87	-90.47	-775.65	-6,137.46	782.63	553.11	229.51	3.410		
14,400.00	7,096.06	14,347.29	7,102.85	116.78	115.52	-90.48	-776.03	-6,237.41	783.65	550.84	232.81	3.366		
14,500.00	7,092.79	14,447.29	7,099.67	118.43	117.17	-90.48	-776.41	-6,337.35	784.68	548.57	236.11	3.323		
14,600.00	7,089.53	14,547.28	7,096.50	120.09	118.82	-90.49	-776.79	-6,437.30	785.71	546.30	239.41	3.282		
14,700.00	7,086.26	14,647.28	7,093.33	121.74	120.47	-90.50	-777.17	-6,537.24	786.74	544.03	242.71	3.241		
14,800.00	7,083.00	14,747.27	7,090.16	123.39	122.12	-90.50	-777.55	-6,637.18	787.77	541.75	246.02	3.202		
14,900.00	7,079.73	14,847.27	7,086.98	125.05	123.77	-90.51	-777.92	-6,737.13	788.80	539.48	249.32	3.164		
15,000.00	7,076.46	14,947.26	7,083.81	126.70	125.42	-90.51	-778.30	-6,837.07	789.83	537.20	252.63	3.126		
15,100.00	7,073.20	15,047.26	7,080.64	128.35	127.07	-90.52	-778.68	-6,937.01	790.86	534.92	255.93	3.090		
15,200.00	7,069.93	15,147.25	7,077.47	130.01	128.72	-90.53	-779.06	-7,036.96	791.88	532.64	259.24	3.055		
15,300.00	7,066.67	15,247.25	7,074.29	131.66	130.38	-90.53	-779.44	-7,136.90	792.91	530.36	262.55	3.020		
15,400.00	7,063.40	15,347.24	7,071.12	133.32	132.03	-90.54	-779.82	-7,236.84	793.94	528.08	265.86	2.986		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,060.13	15,447.23	7,067.95	134.98	133.68	-90.54	-780.20	-7,336.79	794.97	525.80	269.17	2.953	
15,600.00	7,056.87	15,547.23	7,064.78	136.63	135.34	-90.55	-780.58	-7,436.73	796.00	523.52	272.48	2.921	
15,634.69	7,055.73	15,581.92	7,063.68	137.21	135.91	-90.55	-780.71	-7,471.40	796.36	522.73	273.63	2.910 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.65	0.36	-59.86	59.86				
100.00	100.00	100.00	100.00	3.28	3.28	-89.65	0.36	-59.86	59.86	52.33	7.53	7.951	
200.00	200.00	200.00	200.00	3.31	3.31	-89.65	0.36	-59.86	59.86	52.29	7.57	7.903	
300.00	300.00	301.89	301.87	3.35	3.35	-90.40	-0.41	-58.22	58.25	50.59	7.66	7.605	
400.00	400.00	403.52	403.35	3.42	3.41	-92.91	-2.71	-53.32	53.49	45.71	7.78	6.874	
500.00	500.00	504.64	504.07	3.50	3.50	-98.21	-6.53	-45.22	45.86	37.92	7.95	5.772	
600.00	600.00	605.01	603.66	3.61	3.62	-109.15	-11.81	-34.00	36.17	28.01	8.16	4.432	
700.00	700.00	704.39	701.78	3.73	3.78	-133.07	-18.49	-19.79	27.14	18.68	8.46	3.208	
755.54	755.54	759.07	755.54	3.81	3.88	-154.80	-22.76	-10.71	25.16	16.50	8.65	2.907 CC, ES	
800.00	800.00	802.74	798.44	3.87	3.97	-172.82	-26.25	-3.31	26.50	17.72	8.79	3.016	
900.00	899.98	901.25	895.20	4.02	4.20	68.87	-34.11	13.40	36.30	27.25	9.05	4.012	
1,000.00	999.84	1,000.24	992.44	4.17	4.45	58.47	-42.00	30.18	48.34	38.99	9.35	5.168	
1,100.00	1,099.45	1,100.41	1,090.03	4.33	4.73	54.96	-49.93	47.02	59.24	49.52	9.72	6.096	
1,200.00	1,198.70	1,200.82	1,187.86	4.52	5.03	54.85	-57.88	63.91	68.23	58.09	10.13	6.734	
1,300.00	1,297.47	1,301.11	1,285.80	4.73	5.34	56.95	-65.83	80.81	75.27	64.66	10.60	7.100	
1,400.00	1,395.82	1,401.38	1,383.76	4.97	5.66	60.25	-73.79	97.72	81.15	70.03	11.13	7.294	
1,500.00	1,494.16	1,501.66	1,481.71	5.23	6.00	63.17	-81.74	114.63	87.24	75.55	11.69	7.463	
1,600.00	1,592.50	1,601.94	1,579.67	5.51	6.35	65.70	-89.70	131.54	93.52	81.23	12.28	7.614	
1,700.00	1,690.83	1,702.21	1,677.63	5.79	6.70	67.91	-97.66	148.45	99.95	87.05	12.90	7.748	
1,800.00	1,789.17	1,797.51	1,775.58	6.10	7.04	69.84	-105.61	165.35	106.52	92.99	13.53	7.875	
1,900.00	1,887.51	1,902.77	1,873.54	6.26	7.25	71.56	-113.57	182.26	113.20	99.68	13.52	8.373	
2,000.00	1,985.85	2,003.05	1,971.50	6.30	7.29	73.08	-121.53	199.17	119.96	106.34	13.62	8.806	
2,100.00	2,084.19	2,103.32	2,069.46	6.35	7.35	74.44	-129.48	216.08	126.80	113.04	13.76	9.217	
2,200.00	2,182.53	2,203.60	2,167.41	6.43	7.43	75.66	-137.44	232.98	133.70	119.78	13.93	9.601	
2,300.00	2,280.86	2,303.88	2,265.37	6.52	7.53	76.75	-145.39	249.89	140.66	126.54	14.12	9.959	
2,400.00	2,379.20	2,404.15	2,363.33	6.63	7.64	77.75	-153.35	266.80	147.67	133.31	14.35	10.288	
2,500.00	2,477.54	2,504.43	2,461.28	6.75	7.76	78.65	-161.31	283.71	154.71	140.10	14.61	10.588	
2,600.00	2,575.88	2,604.71	2,559.24	6.89	7.90	79.48	-169.26	300.62	161.79	146.89	14.90	10.859	
2,700.00	2,674.22	2,704.98	2,657.20	7.05	8.06	80.23	-177.22	317.52	168.90	153.69	15.21	11.104	
2,800.00	2,772.55	2,805.26	2,755.15	7.21	8.22	80.93	-185.18	334.43	176.04	160.49	15.55	11.321	
2,900.00	2,870.89	2,905.54	2,853.11	7.39	8.40	81.57	-193.13	351.34	183.20	167.29	15.91	11.514	
3,000.00	2,969.23	3,005.81	2,951.07	7.59	8.59	82.16	-201.09	368.25	190.38	174.09	16.29	11.684	
3,100.00	3,067.57	3,106.09	3,049.02	7.79	8.79	82.71	-209.04	385.16	197.58	180.88	16.70	11.832	
3,200.00	3,165.91	3,206.37	3,146.98	8.00	9.00	83.22	-217.00	402.06	204.80	187.68	17.12	11.962	
3,300.00	3,264.25	3,306.64	3,244.94	8.22	9.22	83.70	-224.96	418.97	212.03	194.47	17.56	12.073	
3,400.00	3,362.58	3,406.92	3,342.89	8.46	9.45	84.14	-232.91	435.88	219.28	201.26	18.02	12.169	
3,500.00	3,460.92	3,507.20	3,440.85	8.69	9.69	84.56	-240.87	452.79	226.54	208.04	18.49	12.250	
3,600.00	3,559.26	3,607.48	3,538.81	8.94	9.93	84.95	-248.83	469.69	233.81	214.83	18.98	12.319	
3,700.00	3,657.60	3,707.75	3,636.76	9.19	10.18	85.32	-256.78	486.60	241.09	221.61	19.48	12.377	
3,800.00	3,755.94	3,808.03	3,734.72	9.45	10.44	85.66	-264.74	503.51	248.38	228.39	19.99	12.425	
3,900.00	3,854.27	3,908.31	3,832.68	9.72	10.70	85.99	-272.69	520.42	255.67	235.16	20.51	12.464	
4,000.00	3,952.61	3,991.42	3,930.63	9.99	10.92	86.29	-280.65	537.33	262.98	241.98	21.00	12.521	
4,100.00	4,050.95	4,091.14	4,028.59	10.26	11.19	86.59	-288.61	554.23	270.29	248.75	21.54	12.546	
4,200.00	4,149.29	4,190.86	4,126.55	10.54	11.47	86.86	-296.56	571.14	277.61	255.52	22.09	12.565	
4,300.00	4,247.63	4,309.41	4,224.50	10.82	11.80	87.12	-304.52	588.05	284.94	262.23	22.70	12.551	
4,400.00	4,345.97	4,409.69	4,322.46	11.11	12.09	87.37	-312.48	604.96	292.27	269.00	23.27	12.560	
4,500.00	4,444.30	4,509.97	4,420.42	11.40	12.38	87.61	-320.43	621.86	299.60	275.76	23.84	12.565	
4,600.00	4,542.64	4,589.76	4,518.37	11.69	12.61	87.83	-328.39	638.77	306.94	282.57	24.37	12.596	
4,700.00	4,640.98	4,689.48	4,616.33	11.99	12.90	88.05	-336.34	655.68	314.29	289.33	24.95	12.595	
4,800.00	4,739.32	4,789.20	4,714.29	12.29	13.20	88.25	-344.30	672.59	321.64	296.09	25.54	12.591	
4,900.00	4,837.66	4,888.93	4,812.24	12.59	13.50	88.45	-352.26	689.50	328.99	302.85	26.14	12.585	
5,000.00	4,936.00	4,988.65	4,910.20	12.89	13.81	88.63	-360.21	706.40	336.35	309.61	26.74	12.577	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,088.37	5,008.16	13.20	14.11	88.81	-368.17	723.31	343.71	316.36	27.35	12.568	
5,200.00	5,132.67	5,188.10	5,106.12	13.51	14.42	88.98	-376.13	740.22	351.07	323.11	27.96	12.557	
5,300.00	5,231.01	5,287.82	5,204.07	13.82	14.73	89.15	-384.08	757.13	358.44	329.87	28.57	12.545	
5,400.00	5,329.35	5,387.54	5,302.03	14.13	15.04	89.30	-392.04	774.03	365.81	336.62	29.19	12.531	
5,500.00	5,427.69	5,487.26	5,399.99	14.44	15.36	89.46	-399.99	790.94	373.18	343.37	29.81	12.517	
5,600.00	5,526.02	5,586.99	5,497.94	14.76	15.67	89.60	-407.95	807.85	380.55	350.12	30.44	12.503	
5,700.00	5,624.36	5,686.71	5,595.90	15.08	15.99	89.74	-415.91	824.76	387.93	356.86	31.07	12.487	
5,800.00	5,722.70	5,786.43	5,693.86	15.39	16.31	89.88	-423.86	841.67	395.31	363.61	31.70	12.471	
5,900.00	5,821.04	5,886.16	5,791.81	15.71	16.63	90.01	-431.82	858.57	402.69	370.36	32.33	12.455	
6,000.00	5,919.38	5,985.88	5,889.77	16.03	16.95	90.13	-439.78	875.48	410.07	377.11	32.97	12.438	
6,100.00	6,017.72	6,085.60	5,987.73	16.35	17.28	90.25	-447.73	892.39	417.46	383.85	33.61	12.422	
6,200.00	6,116.05	6,185.33	6,085.68	16.68	17.60	90.37	-455.69	909.30	424.85	390.60	34.25	12.405	
6,300.00	6,214.39	6,285.05	6,183.64	17.00	17.93	90.48	-463.64	926.21	432.23	397.34	34.89	12.388	
6,400.00	6,312.73	6,384.77	6,281.60	17.33	18.26	90.59	-471.60	943.11	439.63	404.09	35.54	12.371	
6,500.00	6,411.07	6,484.50	6,379.55	17.65	18.59	90.69	-479.56	960.02	447.02	410.83	36.19	12.353	
6,600.00	6,509.41	6,578.56	6,472.84	17.98	18.77	91.74	-487.18	968.45	455.03	418.30	36.74	12.386	
6,700.00	6,608.03	6,668.81	6,562.57	18.27	18.89	93.38	-494.60	963.52	464.74	427.52	37.22	12.487	
6,800.00	6,707.89	6,756.12	6,647.88	18.44	18.96	-74.62	-501.72	946.68	475.66	438.21	37.45	12.702	
6,900.00	6,806.95	6,841.32	6,728.15	18.53	18.98	-76.24	-508.50	919.12	487.13	449.63	37.50	12.991	
7,000.00	6,902.79	6,924.79	6,802.54	18.56	18.97	-74.35	-514.86	881.93	498.60	461.19	37.40	13.330	
7,100.00	6,993.03	7,006.89	6,870.35	18.55	18.95	-72.47	-520.72	836.13	509.55	472.34	37.21	13.692	
7,200.00	7,075.46	7,087.92	6,930.98	18.51	18.91	-70.87	-526.05	782.71	519.57	482.58	36.99	14.046	
7,300.00	7,148.05	7,168.19	6,983.89	18.49	18.87	-69.63	-530.77	722.61	528.27	491.47	36.79	14.357	
7,400.00	7,209.00	7,247.94	7,028.58	18.51	18.85	-68.75	-534.86	656.75	535.37	498.67	36.70	14.589	
7,500.00	7,256.83	7,327.42	7,064.61	18.59	18.86	-68.26	-538.27	586.04	540.66	503.90	36.76	14.708	
7,600.00	7,290.34	7,406.88	7,091.58	18.76	18.90	-68.15	-540.95	511.40	544.01	507.00	37.02	14.696	
7,700.00	7,308.73	7,486.54	7,109.10	19.02	18.99	-68.42	-542.88	433.77	545.37	507.88	37.49	14.546	
7,800.00	7,311.63	7,566.64	7,116.85	19.37	19.16	-69.06	-544.02	354.11	544.80	506.63	38.17	14.272	
7,826.30	7,310.77	7,587.84	7,117.22	19.50	19.21	-69.17	-544.18	332.91	544.68	506.28	38.39	14.186	
7,900.00	7,308.36	7,657.40	7,115.63	19.85	19.45	-69.27	-544.48	263.37	545.15	506.06	39.10	13.944	
8,000.00	7,305.09	7,757.39	7,113.00	20.46	19.92	-69.37	-544.89	163.42	545.92	505.64	40.28	13.554	
8,100.00	7,301.83	7,857.39	7,110.38	21.18	20.54	-69.47	-545.30	63.46	546.68	505.01	41.67	13.118	
8,200.00	7,298.56	7,957.38	7,107.75	22.01	21.30	-69.57	-545.70	-36.50	547.45	504.19	43.26	12.654	
8,300.00	7,295.30	8,057.37	7,105.12	22.93	22.17	-69.67	-546.11	-136.46	548.22	503.19	45.02	12.176	
8,400.00	7,292.03	8,157.36	7,102.49	23.93	23.14	-69.78	-546.52	-236.41	548.99	502.05	46.94	11.696	
8,500.00	7,288.76	8,257.35	7,099.86	25.01	24.18	-69.88	-546.92	-336.37	549.76	500.76	48.99	11.221	
8,600.00	7,285.50	8,357.35	7,097.24	26.14	25.30	-69.98	-547.33	-436.33	550.53	499.36	51.17	10.759	
8,700.00	7,282.23	8,457.34	7,094.61	27.34	26.48	-70.08	-547.74	-536.28	551.30	497.86	53.45	10.315	
8,800.00	7,278.96	8,557.33	7,091.98	28.58	27.71	-70.18	-548.15	-636.24	552.08	496.26	55.82	9.890	
8,900.00	7,275.70	8,657.32	7,089.35	29.86	28.98	-70.28	-548.55	-736.20	552.86	494.58	58.28	9.487	
9,000.00	7,272.43	8,757.32	7,086.73	31.18	30.29	-70.37	-548.96	-836.15	553.64	492.83	60.81	9.105	
9,100.00	7,269.17	8,857.31	7,084.10	32.54	31.64	-70.47	-549.37	-936.11	554.42	491.02	63.40	8.745	
9,200.00	7,265.90	8,957.30	7,081.47	33.92	33.01	-70.57	-549.78	-1,036.07	555.20	489.15	66.05	8.406	
9,300.00	7,262.63	9,057.29	7,078.84	35.33	34.41	-70.67	-550.18	-1,136.03	555.99	487.24	68.75	8.087	
9,400.00	7,259.37	9,157.29	7,076.22	36.76	35.84	-70.77	-550.59	-1,235.98	556.77	485.28	71.50	7.787	
9,500.00	7,256.10	9,257.28	7,073.59	38.21	37.28	-70.87	-551.00	-1,335.94	557.56	483.28	74.28	7.506	
9,600.00	7,252.84	9,357.27	7,070.96	39.67	38.74	-70.96	-551.40	-1,435.90	558.35	481.24	77.11	7.241	
9,700.00	7,249.57	9,457.26	7,068.33	41.16	40.22	-71.06	-551.81	-1,535.85	559.14	479.18	79.96	6.992	
9,800.00	7,246.30	9,557.26	7,065.70	42.65	41.72	-71.16	-552.22	-1,635.81	559.94	477.08	82.85	6.758	
9,900.00	7,243.04	9,657.25	7,063.08	44.16	43.22	-71.25	-552.63	-1,735.77	560.73	474.97	85.76	6.538	
10,000.00	7,239.77	9,757.24	7,060.45	45.68	44.74	-71.35	-553.03	-1,835.72	561.53	472.82	88.70	6.331	
10,100.00	7,236.50	9,857.23	7,057.82	47.21	46.27	-71.45	-553.44	-1,935.68	562.32	470.66	91.66	6.135	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	9,957.23	7,055.19	48.75	47.81	-71.54	-553.85	-2,035.64	563.12	468.48	94.64	5.950	
10,300.00	7,229.97	10,057.22	7,052.57	50.30	49.35	-71.64	-554.26	-2,135.60	563.92	466.28	97.64	5.776	
10,400.00	7,226.71	10,157.21	7,049.94	51.86	50.91	-71.73	-554.66	-2,235.55	564.72	464.07	100.66	5.610	
10,500.00	7,223.44	10,257.20	7,047.31	53.42	52.47	-71.83	-555.07	-2,335.51	565.53	461.84	103.69	5.454	
10,600.00	7,220.17	10,357.19	7,044.68	54.99	54.04	-71.92	-555.48	-2,435.47	566.33	459.60	106.74	5.306	
10,700.00	7,216.91	10,457.19	7,042.06	56.57	55.61	-72.02	-555.88	-2,535.42	567.14	457.34	109.80	5.165	
10,800.00	7,213.64	10,557.18	7,039.43	58.15	57.19	-72.11	-556.29	-2,635.38	567.95	455.08	112.87	5.032	
10,900.00	7,210.38	10,657.17	7,036.80	59.74	58.78	-72.20	-556.70	-2,735.34	568.76	452.80	115.96	4.905	
11,000.00	7,207.11	10,757.16	7,034.17	61.33	60.37	-72.30	-557.11	-2,835.29	569.57	450.52	119.05	4.784	
11,100.00	7,203.84	10,857.16	7,031.54	62.92	61.96	-72.39	-557.51	-2,935.25	570.38	448.22	122.16	4.669	
11,200.00	7,200.58	10,957.15	7,028.92	64.52	63.56	-72.48	-557.92	-3,035.21	571.20	445.92	125.28	4.560	
11,300.00	7,197.31	11,057.14	7,026.29	66.12	65.16	-72.58	-558.33	-3,135.17	572.01	443.61	128.40	4.455	
11,400.00	7,194.05	11,157.13	7,023.66	67.73	66.76	-72.67	-558.74	-3,235.12	572.83	441.29	131.54	4.355	
11,500.00	7,190.78	11,257.13	7,021.03	69.34	68.37	-72.76	-559.14	-3,335.08	573.65	438.97	134.68	4.259	
11,600.00	7,187.51	11,357.12	7,018.41	70.95	69.98	-72.85	-559.55	-3,435.04	574.47	436.64	137.83	4.168	
11,700.00	7,184.25	11,457.11	7,015.78	72.57	71.59	-72.95	-559.96	-3,534.99	575.29	434.30	140.99	4.080	
11,800.00	7,180.98	11,557.10	7,013.15	74.18	73.21	-73.04	-560.36	-3,634.95	576.11	431.96	144.15	3.997	
11,900.00	7,177.71	11,657.10	7,010.52	75.80	74.83	-73.13	-560.77	-3,734.91	576.94	429.61	147.33	3.916	
12,000.00	7,174.45	11,757.09	7,007.90	77.43	76.45	-73.22	-561.18	-3,834.87	577.77	427.26	150.50	3.839	
12,100.00	7,171.18	11,857.08	7,005.27	79.05	78.07	-73.31	-561.59	-3,934.82	578.59	424.91	153.69	3.765	
12,200.00	7,167.92	11,957.07	7,002.64	80.68	79.70	-73.40	-561.99	-4,034.78	579.42	422.55	156.88	3.693	
12,300.00	7,164.65	12,057.07	7,000.01	82.30	81.33	-73.49	-562.40	-4,134.74	580.25	420.18	160.07	3.625	
12,400.00	7,161.38	12,157.06	6,997.38	83.93	82.95	-73.58	-562.81	-4,234.69	581.09	417.81	163.27	3.559	
12,500.00	7,158.12	12,257.05	6,994.76	85.56	84.58	-73.67	-563.22	-4,334.65	581.92	415.44	166.48	3.495	
12,600.00	7,154.85	12,357.04	6,992.13	87.20	86.22	-73.76	-563.62	-4,434.61	582.75	413.06	169.69	3.434	
12,700.00	7,151.59	12,457.03	6,989.50	88.83	87.85	-73.85	-564.03	-4,534.56	583.59	410.69	172.90	3.375	
12,800.00	7,148.32	12,557.03	6,986.87	90.47	89.48	-73.94	-564.44	-4,634.52	584.43	408.30	176.12	3.318	
12,900.00	7,145.05	12,657.02	6,984.25	92.11	91.12	-74.03	-564.84	-4,734.48	585.27	405.92	179.35	3.263	
13,000.00	7,141.79	12,757.01	6,981.62	93.74	92.76	-74.12	-565.25	-4,834.44	586.11	403.53	182.58	3.210	
13,100.00	7,138.52	12,857.00	6,978.99	95.38	94.40	-74.20	-565.66	-4,934.39	586.95	401.14	185.81	3.159	
13,200.00	7,135.25	12,957.00	6,976.36	97.02	96.04	-74.29	-566.07	-5,034.35	587.79	398.75	189.04	3.109	
13,300.00	7,131.99	13,056.99	6,973.73	98.67	97.68	-74.38	-566.47	-5,134.31	588.64	396.35	192.28	3.061	
13,400.00	7,128.72	13,156.98	6,971.11	100.31	99.32	-74.47	-566.88	-5,234.26	589.48	393.96	195.53	3.015	
13,500.00	7,125.46	13,256.97	6,968.48	101.95	100.96	-74.55	-567.29	-5,334.22	590.33	391.56	198.77	2.970	
13,600.00	7,122.19	13,356.97	6,965.85	103.60	102.61	-74.64	-567.70	-5,434.18	591.18	389.16	202.02	2.926	
13,700.00	7,118.92	13,456.96	6,963.22	105.24	104.25	-74.73	-568.10	-5,534.13	592.03	386.75	205.28	2.884	
13,800.00	7,115.66	13,556.95	6,960.60	106.89	105.90	-74.81	-568.51	-5,634.09	592.88	384.35	208.53	2.843	
13,900.00	7,112.39	13,656.94	6,957.97	108.54	107.54	-74.90	-568.92	-5,734.05	593.73	381.94	211.79	2.803	
14,000.00	7,109.13	13,756.94	6,955.34	110.18	109.19	-74.99	-569.32	-5,834.01	594.59	379.53	215.05	2.765	
14,100.00	7,105.86	13,856.93	6,952.71	111.83	110.84	-75.07	-569.73	-5,933.96	595.44	377.12	218.32	2.727	
14,200.00	7,102.59	13,956.92	6,950.09	113.48	112.49	-75.16	-570.14	-6,033.92	596.30	374.71	221.59	2.691	
14,300.00	7,099.33	14,056.91	6,947.46	115.13	114.13	-75.24	-570.55	-6,133.88	597.16	372.30	224.86	2.656	
14,400.00	7,096.06	14,156.91	6,944.83	116.78	115.78	-75.33	-570.95	-6,233.83	598.02	369.89	228.13	2.621	
14,500.00	7,092.79	14,256.90	6,942.20	118.43	117.43	-75.41	-571.36	-6,333.79	598.88	367.47	231.41	2.588	
14,600.00	7,089.53	14,356.89	6,939.57	120.09	119.09	-75.50	-571.77	-6,433.75	599.74	365.05	234.69	2.555	
14,700.00	7,086.26	14,456.88	6,936.95	121.74	120.74	-75.58	-572.18	-6,533.70	600.60	362.64	237.97	2.524	
14,800.00	7,083.00	14,556.88	6,934.32	123.39	122.39	-75.66	-572.58	-6,633.66	601.47	360.22	241.25	2.493	
14,900.00	7,079.73	14,656.87	6,931.69	125.05	124.04	-75.75	-572.99	-6,733.62	602.33	357.80	244.54	2.463	
15,000.00	7,076.46	14,756.86	6,929.06	126.70	125.69	-75.83	-573.40	-6,833.58	603.20	355.38	247.82	2.434	
15,100.00	7,073.20	14,856.85	6,926.44	128.35	127.35	-75.91	-573.80	-6,933.53	604.07	352.96	251.11	2.406	
15,200.00	7,069.93	14,956.84	6,923.81	130.01	129.00	-76.00	-574.21	-7,033.49	604.94	350.53	254.41	2.378	
15,300.00	7,066.67	15,056.84	6,921.18	131.66	130.66	-76.08	-574.62	-7,133.45	605.81	348.11	257.70	2.351	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,400.00	7,063.40	15,156.83	6,918.55	133.32	132.31	-76.16	-575.03	-7,233.40	606.68	345.69	261.00	2.324	
15,500.00	7,060.13	15,256.82	6,915.93	134.98	133.97	-76.24	-575.43	-7,333.36	607.56	343.26	264.30	2.299	
15,600.00	7,056.87	15,356.81	6,913.30	136.63	135.62	-76.33	-575.84	-7,433.32	608.43	340.84	267.59	2.274	
15,634.69	7,055.73	15,391.50	6,912.39	137.21	136.20	-76.35	-575.98	-7,467.99	608.74	340.00	268.74	2.265 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+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	
300.00	300.00	301.39	301.39	3.35	3.35	-89.75	0.44	-99.59	99.60	91.94	7.66	13.000	
400.00	400.00	404.04	403.96	3.42	3.41	-91.12	-1.89	-96.75	96.84	89.06	7.78	12.441	
500.00	500.00	506.29	505.95	3.50	3.50	-94.10	-6.53	-91.08	91.51	83.56	7.95	11.512	
600.00	600.00	607.90	606.97	3.61	3.61	-99.22	-13.41	-82.67	84.04	75.88	8.16	10.300	
700.00	700.00	708.60	706.65	3.73	3.75	-107.42	-22.47	-71.60	75.34	66.92	8.42	8.943	
800.00	800.00	808.18	804.66	3.87	3.94	-120.09	-33.61	-58.00	67.20	58.44	8.76	7.673	
890.60	890.58	902.56	891.95	4.00	4.16	132.83	-45.38	-43.62	63.92	54.80	9.12	7.007 CC, ES	
900.00	899.98	906.67	900.96	4.02	4.17	131.24	-46.66	-42.06	63.96	54.81	9.15	6.992	
1,000.00	999.84	1,005.03	996.95	4.17	4.44	116.18	-60.25	-25.45	68.27	58.72	9.55	7.149	
1,100.00	1,099.45	1,103.76	1,093.30	4.33	4.73	105.91	-73.89	-8.79	77.56	67.59	9.96	7.784	
1,200.00	1,198.70	1,202.73	1,189.89	4.52	5.05	100.09	-87.56	7.92	89.29	78.88	10.41	8.574	
1,300.00	1,297.47	1,301.83	1,286.61	4.73	5.39	97.52	-101.25	24.65	102.08	91.16	10.92	9.351	
1,400.00	1,395.82	1,400.95	1,383.34	4.97	5.74	96.88	-114.95	41.38	115.27	103.80	11.47	10.048	
1,500.00	1,494.16	1,500.07	1,480.07	5.23	6.11	96.46	-128.64	58.11	128.47	116.42	12.06	10.655	
1,600.00	1,592.50	1,600.81	1,576.80	5.51	6.49	96.12	-142.34	74.85	141.68	129.01	12.68	11.177	
1,700.00	1,690.83	1,701.69	1,673.54	5.79	6.88	95.84	-156.04	91.58	154.90	141.58	13.32	11.631	
1,800.00	1,789.17	1,802.57	1,770.27	6.10	7.28	95.60	-169.73	108.31	168.12	154.14	13.97	12.030	
1,900.00	1,887.51	1,903.45	1,867.00	6.26	7.50	95.40	-183.43	125.04	181.34	167.39	13.95	12.997	
2,000.00	1,985.85	2,004.33	1,963.74	6.30	7.55	95.23	-197.12	141.77	194.56	180.53	14.03	13.868	
2,100.00	2,084.19	2,105.21	2,060.47	6.35	7.62	95.07	-210.82	158.51	207.79	193.64	14.15	14.689	
2,200.00	2,182.53	2,193.91	2,157.20	6.43	7.70	94.94	-224.51	175.24	221.01	206.73	14.29	15.470	
2,300.00	2,280.86	2,306.97	2,253.94	6.52	7.83	94.82	-238.21	191.97	234.24	219.76	14.49	16.171	
2,400.00	2,379.20	2,407.85	2,350.67	6.63	7.95	94.71	-251.90	208.70	247.47	232.76	14.71	16.827	
2,500.00	2,477.54	2,508.73	2,447.40	6.75	8.10	94.62	-265.60	225.44	260.70	245.74	14.96	17.426	
2,600.00	2,575.88	2,609.61	2,544.14	6.89	8.26	94.53	-279.29	242.17	273.93	258.68	15.24	17.969	
2,700.00	2,674.22	2,689.51	2,640.87	7.05	8.40	94.45	-292.99	258.90	287.16	271.64	15.52	18.499	
2,800.00	2,772.55	2,788.63	2,737.60	7.21	8.58	94.38	-306.68	275.63	300.39	284.53	15.86	18.944	
2,900.00	2,870.89	2,887.75	2,834.34	7.39	8.78	94.32	-320.38	292.36	313.62	297.40	16.22	19.340	
3,000.00	2,969.23	2,986.87	2,931.07	7.59	8.98	94.26	-334.07	309.10	326.85	310.25	16.60	19.691	
3,100.00	3,067.57	3,085.99	3,027.80	7.79	9.20	94.20	-347.77	325.83	340.08	323.08	17.00	20.002	
3,200.00	3,165.91	3,185.11	3,124.53	8.00	9.43	94.15	-361.46	342.56	353.31	335.89	17.43	20.274	
3,300.00	3,264.25	3,284.24	3,221.27	8.22	9.67	94.10	-375.16	359.29	366.55	348.68	17.87	20.512	
3,400.00	3,362.58	3,383.36	3,318.00	8.46	9.92	94.06	-388.86	376.03	379.78	361.45	18.33	20.719	
3,500.00	3,460.92	3,482.48	3,414.73	8.69	10.18	94.02	-402.55	392.76	393.01	374.21	18.81	20.898	
3,600.00	3,559.26	3,581.60	3,511.47	8.94	10.44	93.98	-416.25	409.49	406.24	386.95	19.30	21.053	
3,700.00	3,657.60	3,680.72	3,608.20	9.19	10.71	93.94	-429.94	426.22	419.48	399.68	19.80	21.185	
3,800.00	3,755.94	3,779.84	3,704.93	9.45	10.99	93.91	-443.64	442.95	432.71	412.39	20.32	21.298	
3,900.00	3,854.27	3,878.96	3,801.67	9.72	11.28	93.88	-457.33	459.69	445.94	425.10	20.85	21.393	
4,000.00	3,952.61	3,978.08	3,898.40	9.99	11.57	93.85	-471.03	476.42	459.18	437.79	21.38	21.473	
4,100.00	4,050.95	4,077.20	3,995.13	10.26	11.86	93.82	-484.72	493.15	472.41	450.48	21.93	21.539	
4,200.00	4,149.29	4,176.32	4,091.87	10.54	12.16	93.79	-498.42	509.88	485.64	463.15	22.49	21.593	
4,300.00	4,247.63	4,275.44	4,188.60	10.82	12.47	93.76	-512.11	526.62	498.88	475.82	23.06	21.637	
4,400.00	4,345.97	4,374.56	4,285.33	11.11	12.78	93.74	-525.81	543.35	512.11	488.48	23.63	21.671	
4,500.00	4,444.30	4,473.68	4,382.07	11.40	13.09	93.72	-539.50	560.08	525.34	501.13	24.21	21.698	
4,600.00	4,542.64	4,572.80	4,478.80	11.69	13.41	93.70	-553.20	576.81	538.58	513.78	24.80	21.717	
4,700.00	4,640.98	4,671.92	4,575.53	11.99	13.73	93.67	-566.89	593.54	551.81	526.42	25.39	21.730	
4,800.00	4,739.32	4,771.04	4,672.26	12.29	14.05	93.65	-580.59	610.28	565.05	539.05	25.99	21.737	
4,900.00	4,837.66	4,870.16	4,769.00	12.59	14.37	93.64	-594.28	627.01	578.28	551.68	26.60	21.740	
5,000.00	4,936.00	4,969.28	4,865.73	12.89	14.70	93.62	-607.98	643.74	591.51	564.30	27.21	21.738	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,034.33	5,068.40	4,962.46	13.20	15.03	93.60	-621.68	660.47	604.75	576.92	27.83	21.733	
5,200.00	5,132.67	5,167.52	5,059.20	13.51	15.37	93.58	-635.37	677.21	617.98	589.54	28.45	21.725	
5,300.00	5,231.01	5,266.64	5,155.93	13.82	15.70	93.57	-649.07	693.94	631.22	602.15	29.07	21.714	
5,400.00	5,329.35	5,365.76	5,252.66	14.13	16.04	93.55	-662.76	710.67	644.45	614.75	29.70	21.701	
5,500.00	5,427.69	5,464.88	5,349.40	14.44	16.38	93.54	-676.46	727.40	657.69	627.36	30.33	21.685	
5,600.00	5,526.02	5,564.00	5,446.13	14.76	16.72	93.52	-690.15	744.13	670.92	639.96	30.96	21.668	
5,700.00	5,624.36	5,663.12	5,542.86	15.08	17.07	93.51	-703.85	760.87	684.16	652.55	31.60	21.649	
5,800.00	5,722.70	5,762.24	5,639.60	15.39	17.41	93.50	-717.54	777.60	697.39	665.15	32.24	21.630	
5,900.00	5,821.04	5,861.36	5,736.33	15.71	17.76	93.49	-731.24	794.33	710.62	677.74	32.89	21.609	
6,000.00	5,919.38	5,960.48	5,833.06	16.03	18.11	93.47	-744.93	811.06	723.86	690.33	33.53	21.587	
6,100.00	6,017.72	6,059.60	5,929.79	16.35	18.46	93.46	-758.63	827.80	737.09	702.91	34.18	21.564	
6,200.00	6,116.05	6,158.72	6,026.53	16.68	18.81	93.45	-772.32	844.53	750.33	715.50	34.83	21.541	
6,300.00	6,214.39	6,257.84	6,123.26	17.00	19.16	93.44	-786.02	861.26	763.56	728.08	35.49	21.517	
6,400.00	6,312.73	6,356.96	6,219.99	17.33	19.52	93.43	-799.71	877.99	776.80	740.66	36.14	21.493	
6,500.00	6,411.07	6,456.08	6,316.73	17.65	19.87	93.42	-813.41	894.73	790.03	753.23	36.80	21.469	
6,600.00	6,509.41	6,555.20	6,413.46	17.98	20.23	93.41	-827.10	911.46	803.27	765.81	37.46	21.444	
6,700.00	6,608.03	6,646.55	6,502.85	18.27	20.52	92.82	-839.78	925.17	816.60	778.57	38.02	21.477	
6,800.00	6,707.89	6,731.46	6,586.81	18.44	20.68	-77.26	-851.81	927.67	830.11	791.80	38.30	21.673	
6,900.00	6,806.95	6,816.46	6,670.41	18.53	20.80	-80.79	-863.91	918.84	843.48	805.04	38.44	21.941	
7,000.00	6,902.79	6,901.83	6,752.44	18.56	20.87	-80.63	-875.92	898.74	856.42	817.95	38.47	22.264	
7,100.00	6,993.03	6,987.84	6,831.63	18.55	20.90	-80.28	-887.65	867.47	868.64	830.24	38.41	22.617	
7,200.00	7,075.46	7,074.78	6,906.68	18.51	20.90	-80.01	-898.91	825.19	879.92	841.62	38.30	22.972	
7,300.00	7,148.05	7,162.93	6,976.22	18.49	20.87	-79.90	-909.51	772.19	890.04	851.83	38.21	23.293	
7,400.00	7,209.00	7,252.57	7,038.80	18.51	20.83	-79.97	-919.22	708.85	898.81	860.64	38.18	23.543	
7,500.00	7,256.83	7,343.99	7,092.91	18.59	20.76	-80.24	-927.83	635.76	906.09	867.82	38.26	23.680	
7,600.00	7,290.34	7,437.47	7,136.92	18.76	20.69	-80.70	-935.10	553.71	911.73	873.22	38.52	23.672	
7,700.00	7,308.73	7,533.25	7,169.19	19.02	20.63	-81.37	-940.77	463.81	915.65	876.69	38.96	23.503	
7,800.00	7,311.63	7,631.58	7,188.05	19.37	20.59	-82.23	-944.59	367.48	917.78	878.18	39.60	23.175	
7,900.00	7,308.36	7,733.10	7,191.89	19.85	20.60	-82.69	-946.30	266.15	919.19	878.71	40.48	22.709	
8,000.00	7,305.09	7,833.03	7,188.24	20.46	20.77	-82.68	-946.93	166.29	920.50	878.90	41.60	22.127	
8,100.00	7,301.83	7,933.02	7,184.59	21.18	21.16	-82.66	-947.56	66.37	921.82	878.88	42.94	21.466	
8,200.00	7,298.56	8,033.01	7,180.94	22.01	21.76	-82.65	-948.19	-33.55	923.13	878.64	44.49	20.747	
8,300.00	7,295.30	8,133.00	7,177.29	22.93	22.54	-82.64	-948.82	-133.48	924.45	878.21	46.24	19.994	
8,400.00	7,292.03	8,232.99	7,173.64	23.93	23.44	-82.62	-949.44	-233.40	925.76	877.62	48.14	19.229	
8,500.00	7,288.76	8,332.98	7,169.98	25.01	24.43	-82.61	-950.07	-333.32	927.08	876.88	50.20	18.467	
8,600.00	7,285.50	8,432.97	7,166.33	26.14	25.50	-82.60	-950.70	-433.24	928.40	876.00	52.39	17.720	
8,700.00	7,282.23	8,532.97	7,162.68	27.34	26.63	-82.58	-951.33	-533.17	929.71	875.02	54.70	16.998	
8,800.00	7,278.96	8,632.96	7,159.03	28.58	27.82	-82.57	-951.95	-633.09	931.03	873.93	57.10	16.305	
8,900.00	7,275.70	8,732.95	7,155.38	29.86	29.05	-82.56	-952.58	-733.01	932.34	872.75	59.59	15.645	
9,000.00	7,272.43	8,832.94	7,151.72	31.18	30.33	-82.54	-953.21	-832.93	933.66	871.49	62.17	15.019	
9,100.00	7,269.17	8,932.93	7,148.07	32.54	31.64	-82.53	-953.84	-932.86	934.97	870.17	64.81	14.427	
9,200.00	7,265.90	9,032.92	7,144.42	33.92	32.98	-82.52	-954.47	-1,032.78	936.29	868.78	67.51	13.869	
9,300.00	7,262.63	9,132.91	7,140.77	35.33	34.35	-82.50	-955.09	-1,132.70	937.61	867.34	70.26	13.344	
9,400.00	7,259.37	9,232.90	7,137.12	36.76	35.75	-82.49	-955.72	-1,232.62	938.92	865.86	73.06	12.851	
9,500.00	7,256.10	9,332.89	7,133.46	38.21	37.17	-82.48	-956.35	-1,332.55	940.24	864.33	75.91	12.387	
9,600.00	7,252.84	9,432.89	7,129.81	39.67	38.60	-82.46	-956.98	-1,432.47	941.55	862.77	78.79	11.951	
9,700.00	7,249.57	9,532.88	7,126.16	41.16	40.06	-82.45	-957.60	-1,532.39	942.87	861.17	81.70	11.540	
9,800.00	7,246.30	9,632.87	7,122.51	42.65	41.53	-82.44	-958.23	-1,632.31	944.19	859.54	84.65	11.155	
9,900.00	7,243.04	9,732.86	7,118.86	44.16	43.01	-82.42	-958.86	-1,732.24	945.50	857.89	87.62	10.791	
10,000.00	7,239.77	9,832.85	7,115.20	45.68	44.51	-82.41	-959.49	-1,832.16	946.82	856.21	90.61	10.449	
10,100.00	7,236.50	9,932.84	7,111.55	47.21	46.02	-82.40	-960.11	-1,932.08	948.14	854.51	93.63	10.127	
10,200.00	7,233.24	10,032.83	7,107.90	48.75	47.54	-82.38	-960.74	-2,032.00	949.45	852.79	96.66	9.822	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,229.97	10,132.82	7,104.25	50.30	49.07	-82.37	-961.37	-2,131.93	950.77	851.05	99.72	9.534		
10,400.00	7,226.71	10,232.81	7,100.60	51.86	50.61	-82.36	-962.00	-2,231.85	952.08	849.29	102.79	9.262		
10,500.00	7,223.44	10,332.81	7,096.94	53.42	52.16	-82.35	-962.63	-2,331.77	953.40	847.53	105.88	9.005		
10,600.00	7,220.17	10,432.80	7,093.29	54.99	53.71	-82.33	-963.25	-2,431.69	954.72	845.74	108.97	8.761		
10,700.00	7,216.91	10,532.79	7,089.64	56.57	55.27	-82.32	-963.88	-2,531.62	956.03	843.95	112.09	8.529		
10,800.00	7,213.64	10,632.78	7,085.99	58.15	56.83	-82.31	-964.51	-2,631.54	957.35	842.14	115.21	8.310		
10,900.00	7,210.38	10,732.77	7,082.34	59.74	58.41	-82.30	-965.14	-2,731.46	958.67	840.33	118.34	8.101		
11,000.00	7,207.11	10,832.76	7,078.69	61.33	59.98	-82.28	-965.76	-2,831.38	959.98	838.50	121.49	7.902		
11,100.00	7,203.84	10,932.75	7,075.03	62.92	61.57	-82.27	-966.39	-2,931.30	961.30	836.66	124.64	7.713		
11,200.00	7,200.58	11,032.74	7,071.38	64.52	63.15	-82.26	-967.02	-3,031.23	962.62	834.82	127.80	7.532		
11,300.00	7,197.31	11,132.73	7,067.73	66.12	64.74	-82.24	-967.65	-3,131.15	963.94	832.97	130.97	7.360		
11,400.00	7,194.05	11,232.73	7,064.08	67.73	66.34	-82.23	-968.27	-3,231.07	965.25	831.11	134.14	7.196		
11,500.00	7,190.78	11,332.72	7,060.43	69.34	67.94	-82.22	-968.90	-3,330.99	966.57	829.25	137.32	7.039		
11,600.00	7,187.51	11,432.71	7,056.77	70.95	69.54	-82.21	-969.53	-3,430.92	967.89	827.38	140.51	6.888		
11,700.00	7,184.25	11,532.70	7,053.12	72.57	71.14	-82.19	-970.16	-3,530.84	969.20	825.50	143.70	6.745		
11,800.00	7,180.98	11,632.69	7,049.47	74.18	72.75	-82.18	-970.79	-3,630.76	970.52	823.62	146.90	6.607		
11,900.00	7,177.71	11,732.68	7,045.82	75.80	74.36	-82.17	-971.41	-3,730.68	971.84	821.73	150.10	6.474		
12,000.00	7,174.45	11,832.67	7,042.17	77.43	75.97	-82.16	-972.04	-3,830.61	973.15	819.84	153.31	6.348		
12,100.00	7,171.18	11,932.66	7,038.51	79.05	77.59	-82.15	-972.67	-3,930.53	974.47	817.95	156.52	6.226		
12,200.00	7,167.92	12,032.65	7,034.86	80.68	79.20	-82.13	-973.30	-4,030.45	975.79	816.05	159.74	6.109		
12,300.00	7,164.65	12,132.65	7,031.21	82.30	80.82	-82.12	-973.92	-4,130.37	977.11	814.15	162.96	5.996		
12,400.00	7,161.38	12,232.64	7,027.56	83.93	82.45	-82.11	-974.55	-4,230.30	978.42	812.24	166.19	5.888		
12,500.00	7,158.12	12,332.63	7,023.91	85.56	84.07	-82.10	-975.18	-4,330.22	979.74	810.33	169.41	5.783		
12,600.00	7,154.85	12,432.62	7,020.25	87.20	85.69	-82.08	-975.81	-4,430.14	981.06	808.42	172.64	5.683		
12,700.00	7,151.59	12,532.61	7,016.60	88.83	87.32	-82.07	-976.43	-4,530.06	982.38	806.50	175.88	5.586		
12,800.00	7,148.32	12,632.60	7,012.95	90.47	88.95	-82.06	-977.06	-4,629.99	983.69	804.58	179.11	5.492		
12,900.00	7,145.05	12,732.59	7,009.30	92.11	90.58	-82.05	-977.69	-4,729.91	985.01	802.66	182.35	5.402		
13,000.00	7,141.79	12,832.58	7,005.65	93.74	92.21	-82.04	-978.32	-4,829.83	986.33	800.74	185.59	5.314		
13,100.00	7,138.52	12,932.57	7,001.99	95.38	93.84	-82.02	-978.95	-4,929.75	987.65	798.81	188.84	5.230		
13,200.00	7,135.25	13,032.57	6,998.34	97.02	95.48	-82.01	-979.57	-5,029.68	988.96	796.88	192.08	5.149		
13,300.00	7,131.99	13,132.56	6,994.69	98.67	97.11	-82.00	-980.20	-5,129.60	990.28	794.95	195.33	5.070		
13,400.00	7,128.72	13,232.55	6,991.04	100.31	98.75	-81.99	-980.83	-5,229.52	991.60	793.02	198.58	4.993		
13,500.00	7,125.46	13,332.54	6,987.39	101.95	100.39	-81.98	-981.46	-5,329.44	992.92	791.09	201.83	4.920		
13,600.00	7,122.19	13,432.53	6,983.73	103.60	102.03	-81.97	-982.08	-5,429.37	994.24	789.15	205.09	4.848		
13,700.00	7,118.92	13,532.52	6,980.08	105.24	103.67	-81.95	-982.71	-5,529.29	995.55	787.21	208.34	4.778		
13,800.00	7,115.66	13,632.51	6,976.43	106.89	105.31	-81.94	-983.34	-5,629.21	996.87	785.27	211.60	4.711		
13,900.00	7,112.39	13,732.50	6,972.78	108.54	106.95	-81.93	-983.97	-5,729.13	998.19	783.33	214.86	4.646		
14,000.00	7,109.13	13,832.49	6,969.13	110.18	108.59	-81.92	-984.59	-5,829.06	999.51	781.39	218.12	4.582		
14,100.00	7,105.86	13,932.49	6,965.48	111.83	110.23	-81.91	-985.22	-5,928.98	1,000.83	779.45	221.38	4.521		
14,200.00	7,102.59	14,032.48	6,961.82	113.48	111.88	-81.90	-985.85	-6,028.90	1,002.14	777.50	224.64	4.461		
14,300.00	7,099.33	14,132.47	6,958.17	115.13	113.52	-81.88	-986.48	-6,128.82	1,003.46	775.56	227.91	4.403		
14,400.00	7,096.06	14,232.46	6,954.52	116.78	115.17	-81.87	-987.11	-6,228.75	1,004.78	773.61	231.17	4.346		
14,500.00	7,092.79	14,332.45	6,950.87	118.43	116.82	-81.86	-987.73	-6,328.67	1,006.10	771.66	234.44	4.292		
14,600.00	7,089.53	14,432.44	6,947.22	120.09	118.46	-81.85	-988.36	-6,428.59	1,007.42	769.71	237.71	4.238		
14,700.00	7,086.26	14,532.43	6,943.56	121.74	120.11	-81.84	-988.99	-6,528.51	1,008.74	767.76	240.98	4.186		
14,800.00	7,083.00	14,632.42	6,939.91	123.39	121.76	-81.83	-989.62	-6,628.43	1,010.05	765.81	244.25	4.135		
14,900.00	7,079.73	14,732.41	6,936.26	125.05	123.41	-81.81	-990.24	-6,728.36	1,011.37	763.86	247.52	4.086		
15,000.00	7,076.46	14,832.41	6,932.61	126.70	125.06	-81.80	-990.87	-6,828.28	1,012.69	761.90	250.79	4.038		
15,100.00	7,073.20	14,932.40	6,928.96	128.35	126.71	-81.79	-991.50	-6,928.20	1,014.01	759.95	254.06	3.991		
15,200.00	7,069.93	15,032.39	6,925.30	130.01	128.36	-81.78	-992.13	-7,028.12	1,015.33	757.99	257.33	3.946		
15,300.00	7,066.67	15,132.38	6,921.65	131.66	130.01	-81.77	-992.75	-7,128.05	1,016.65	756.04	260.61	3.901		
15,400.00	7,063.40	15,232.37	6,918.00	133.32	131.66	-81.76	-993.38	-7,227.97	1,017.97	754.08	263.88	3.858		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 34N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,060.13	15,332.36	6,914.35	134.98	133.31	-81.75	-994.01	-7,327.89	1,019.28	752.13	267.16	3.815	
15,600.00	7,056.87	15,432.35	6,910.70	136.63	134.96	-81.74	-994.64	-7,427.81	1,020.60	750.17	270.43	3.774	
15,634.69	7,055.73	15,467.04	6,909.43	137.21	135.54	-81.73	-994.86	-7,462.48	1,021.06	749.49	271.57	3.760 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	-89.85	2.57	-979.72	979.73				
100.00	100.00	100.00	100.00	3.28	3.28	-89.85	2.57	-979.72	979.73	972.20	7.53	130.130	
200.00	200.00	200.00	200.00	3.31	3.31	-89.85	2.57	-979.72	979.73	972.15	7.57	129.356	
300.00	300.00	336.16	336.11	3.35	3.37	-89.97	0.53	-977.21	977.88	970.20	7.68	127.389	
400.00	400.00	471.71	471.31	3.42	3.47	-90.33	-5.54	-969.72	972.36	964.53	7.83	124.147	
500.00	500.00	606.06	604.70	3.50	3.62	-90.93	-15.53	-957.41	963.25	955.20	8.05	119.673	
600.00	600.00	738.63	735.46	3.61	3.84	-91.78	-29.24	-940.52	950.67	942.34	8.33	114.083	
700.00	700.00	837.45	832.53	3.73	4.05	-92.53	-40.93	-926.11	936.44	927.80	8.64	108.389	
800.00	800.00	935.67	929.00	3.87	4.28	-93.30	-52.54	-911.79	922.37	913.38	8.99	102.648	
900.00	899.98	1,034.14	1,025.71	4.02	4.54	-93.95	-64.19	-897.44	910.19	900.84	9.35	97.296	
1,000.00	999.84	1,133.00	1,122.82	4.17	4.83	-93.19	-75.88	-883.02	901.63	891.89	9.75	92.497	
1,100.00	1,099.45	1,232.15	1,220.21	4.33	5.13	-92.44	-87.61	-868.57	896.70	886.52	10.18	88.122	
1,186.67	1,185.49	1,318.22	1,304.75	4.50	5.40	-91.81	-97.79	-856.02	895.34	884.77	10.57	84.690	
1,200.00	1,198.70	1,331.46	1,317.76	4.52	5.44	-91.71	-99.35	-854.09	895.38	884.74	10.63	84.198	
1,300.00	1,297.47	1,430.81	1,415.34	4.73	5.77	-91.00	-111.10	-839.61	897.65	886.53	11.12	80.696	
1,400.00	1,395.82	1,530.13	1,512.89	4.97	6.11	-90.32	-122.85	-825.13	902.48	890.84	11.64	77.537	
1,500.00	1,494.16	1,629.44	1,610.43	5.23	6.45	-90.65	-134.60	-810.65	907.53	895.35	12.18	74.536	
1,600.00	1,592.50	1,728.75	1,707.98	5.51	6.81	-90.99	-146.34	-796.18	912.70	899.97	12.73	71.684	
1,700.00	1,690.83	1,828.06	1,805.52	5.79	7.12	-90.34	-158.09	-781.70	917.99	904.90	13.09	70.122	
1,800.00	1,789.17	1,927.37	1,903.06	6.10	7.27	-90.69	-169.83	-767.22	923.40	909.92	13.49	68.472	
1,900.00	1,887.51	2,026.68	2,000.61	6.26	7.32	-90.06	-181.58	-752.74	928.93	915.46	13.46	68.994	
2,000.00	1,985.85	2,125.99	2,098.15	6.30	7.39	-90.43	-193.32	-738.27	934.57	921.02	13.55	68.960	
2,100.00	2,084.19	2,225.30	2,195.70	6.35	7.47	-90.80	-205.07	-723.79	940.32	926.65	13.68	68.761	
2,200.00	2,182.53	2,324.61	2,293.24	6.43	7.57	-90.19	-216.81	-709.31	946.18	932.35	13.83	68.406	
2,300.00	2,280.86	2,423.92	2,390.79	6.52	7.68	-90.58	-228.56	-694.83	952.16	938.13	14.02	67.907	
2,400.00	2,379.20	2,523.23	2,488.33	6.63	7.81	-90.98	-240.31	-680.36	958.23	943.99	14.24	67.279	
2,500.00	2,477.54	2,622.54	2,585.87	6.75	7.95	-91.39	-252.05	-665.88	964.42	949.92	14.49	66.538	
2,600.00	2,575.88	2,721.85	2,683.42	6.89	8.11	-91.81	-263.80	-651.40	970.70	955.93	14.77	65.701	
2,700.00	2,674.22	2,821.15	2,780.96	7.05	8.28	-92.23	-275.54	-636.92	977.09	962.00	15.08	64.784	
2,800.00	2,772.55	2,920.46	2,878.51	7.21	8.46	-92.66	-287.29	-622.45	983.57	968.15	15.42	63.803	
2,900.00	2,870.89	3,019.77	2,976.05	7.39	8.65	-93.10	-299.03	-607.97	990.15	974.38	15.77	62.773	
3,000.00	2,969.23	3,119.08	3,073.60	7.59	8.85	-93.54	-310.78	-593.49	996.83	980.67	16.15	61.708	
3,100.00	3,067.57	3,218.39	3,171.14	7.79	9.06	-93.99	-322.52	-579.01	1,003.59	987.04	16.56	60.620	
3,200.00	3,165.91	3,317.70	3,268.69	8.00	9.28	-94.45	-334.27	-564.54	1,010.45	993.47	16.98	59.520	
3,300.00	3,264.25	3,417.01	3,366.23	8.22	9.51	-94.92	-346.02	-550.06	1,017.40	999.98	17.42	58.417	
3,400.00	3,362.58	3,516.32	3,463.77	8.46	9.75	-95.40	-357.76	-535.58	1,024.43	1,006.56	17.87	57.318	
3,500.00	3,460.92	3,615.63	3,561.32	8.69	9.99	-95.88	-369.51	-521.10	1,031.55	1,013.21	18.34	56.231	
3,600.00	3,559.26	3,714.94	3,658.86	8.94	10.24	-96.37	-381.25	-506.63	1,038.75	1,019.92	18.83	55.160	
3,700.00	3,657.60	3,814.25	3,756.41	9.19	10.50	-96.86	-393.00	-492.15	1,046.04	1,026.71	19.33	54.109	
3,800.00	3,755.94	3,913.56	3,853.95	9.45	10.76	-97.36	-404.74	-477.67	1,053.41	1,033.56	19.85	53.082	
3,900.00	3,854.27	4,012.87	3,951.50	9.72	11.03	-97.87	-416.49	-463.19	1,060.85	1,040.48	20.37	52.080	
4,000.00	3,952.61	4,112.18	4,049.04	9.99	11.31	-98.39	-428.23	-448.72	1,068.37	1,047.46	20.90	51.106	
4,100.00	4,050.95	4,211.49	4,146.58	10.26	11.58	-98.91	-439.98	-434.24	1,075.97	1,054.52	21.45	50.162	
4,200.00	4,149.29	4,310.80	4,244.13	10.54	11.87	-99.44	-451.73	-419.76	1,083.64	1,061.63	22.00	49.246	
4,300.00	4,247.63	4,410.11	4,341.67	10.82	12.15	-99.98	-463.47	-405.28	1,091.38	1,068.81	22.57	48.361	
4,400.00	4,345.97	4,509.42	4,439.22	11.11	12.44	-100.52	-475.22	-390.81	1,099.19	1,076.05	23.14	47.505	
4,500.00	4,444.30	4,608.73	4,536.76	11.40	12.73	-101.07	-486.96	-376.33	1,107.07	1,083.35	23.72	46.678	
4,600.00	4,542.64	4,708.04	4,634.31	11.69	13.03	-101.63	-498.71	-361.85	1,115.02	1,090.72	24.30	45.881	
4,700.00	4,640.98	4,807.35	4,731.85	11.99	13.33	-102.19	-510.45	-347.37	1,123.04	1,098.14	24.89	45.113	
4,800.00	4,739.32	4,906.66	4,829.39	12.29	13.63	-102.76	-522.20	-332.90	1,131.12	1,105.62	25.49	44.372	
4,900.00	4,837.66	5,005.97	4,926.94	12.59	13.94	-103.33	-533.94	-318.42	1,139.26	1,113.16	26.10	43.658	
5,000.00	4,936.00	5,105.28	5,024.48	12.89	14.25	-103.91	-545.69	-303.94	1,147.47	1,120.76	26.70	42.970	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 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	5,034.33	5,204.59	5,122.03	13.20	14.56	150.50	-557.44	-289.46	1,155.73	1,128.41	27.32	42.308	
5,200.00	5,132.67	5,303.90	5,219.57	13.51	14.87	150.09	-569.18	-274.99	1,164.06	1,136.12	27.93	41.670	
5,300.00	5,231.01	5,403.21	5,317.12	13.82	15.18	149.69	-580.93	-260.51	1,172.44	1,143.88	28.56	41.056	
5,400.00	5,329.35	5,502.52	5,414.66	14.13	15.50	149.29	-592.67	-246.03	1,180.88	1,151.70	29.18	40.464	
5,500.00	5,427.69	5,601.83	5,512.20	14.44	15.82	148.90	-604.42	-231.55	1,189.38	1,159.57	29.81	39.894	
5,600.00	5,526.02	5,701.14	5,609.75	14.76	16.14	148.51	-616.16	-217.08	1,197.93	1,167.48	30.45	39.345	
5,700.00	5,624.36	5,800.45	5,707.29	15.08	16.46	148.13	-627.91	-202.60	1,206.54	1,175.45	31.08	38.816	
5,800.00	5,722.70	5,900.24	5,804.84	15.39	16.78	147.76	-639.65	-188.12	1,215.19	1,183.47	31.73	38.304	
5,900.00	5,821.04	6,000.93	5,902.38	15.71	17.11	147.39	-651.40	-173.64	1,223.90	1,191.53	32.37	37.807	
6,000.00	5,919.38	6,101.62	5,999.93	16.03	17.44	147.03	-663.15	-159.17	1,232.66	1,199.64	33.02	37.327	
6,100.00	6,017.72	6,202.31	6,097.47	16.35	17.77	146.67	-674.89	-144.69	1,241.47	1,207.79	33.68	36.865	
6,200.00	6,116.05	6,303.00	6,195.02	16.68	18.10	146.31	-686.64	-130.21	1,250.32	1,215.99	34.33	36.419	
6,300.00	6,214.39	6,403.69	6,292.56	17.00	18.44	145.96	-698.38	-115.73	1,259.22	1,224.23	34.99	35.989	
6,400.00	6,312.73	6,504.38	6,390.01	17.33	18.78	145.61	-710.12	-101.24	1,268.15	1,232.56	35.66	35.566	
6,500.00	6,411.07	6,605.07	6,486.54	17.65	19.12	145.26	-721.35	-86.75	1,277.12	1,240.92	36.33	35.149	
6,600.00	6,509.41	6,705.76	6,582.22	17.98	19.46	144.91	-732.12	-72.26	1,286.12	1,249.23	37.00	34.736	
6,700.00	6,608.03	6,806.45	6,678.90	18.30	19.80	144.56	-742.91	-57.77	1,295.15	1,257.56	37.67	34.327	
6,800.00	6,707.89	6,907.14	6,779.58	18.63	20.14	144.21	-753.12	-43.28	1,304.22	1,265.92	38.34	33.922	
6,900.00	6,806.95	7,007.83	6,876.26	18.95	20.48	143.86	-762.91	-28.79	1,313.32	1,274.23	39.01	33.521	
7,000.00	6,902.79	7,108.52	6,967.00	19.28	20.82	143.51	-772.35	-14.30	1,322.44	1,282.56	39.68	33.122	
7,100.00	6,993.03	7,209.21	7,056.68	19.60	21.16	143.16	-781.34	0.19	1,331.59	1,290.92	40.35	32.727	
7,200.00	7,075.46	7,309.90	7,146.05	19.93	21.50	142.81	-790.35	15.70	1,340.77	1,299.23	41.02	32.336	
7,300.00	7,148.05	7,410.59	7,235.64	20.25	21.84	142.46	-799.38	31.21	1,349.98	1,307.56	41.69	31.947	
7,400.00	7,209.00	7,511.28	7,325.33	20.58	22.18	142.11	-808.35	46.72	1,359.22	1,315.92	42.36	31.561	
7,500.00	7,256.83	7,611.97	7,374.02	20.90	22.52	141.76	-817.35	62.23	1,368.49	1,324.23	43.03	31.177	
7,600.00	7,290.34	7,712.66	7,412.71	21.23	22.86	141.41	-826.35	77.74	1,377.77	1,332.56	43.70	30.794	
7,700.00	7,308.73	7,813.35	7,451.40	21.55	23.20	141.06	-835.35	93.25	1,387.07	1,340.92	44.37	30.412	
7,800.00	7,311.63	7,914.04	7,490.09	21.88	23.54	140.71	-844.35	108.76	1,396.39	1,349.23	45.04	30.032	
7,891.26	7,308.65	7,952.83	7,488.78	22.20	23.88	140.36	-853.35	124.27	1,405.72	1,357.56	45.71	29.654	
7,900.00	7,308.36	7,952.83	7,488.78	22.53	24.22	140.01	-862.35	139.78	1,415.07	1,365.92	46.38	29.279	
8,000.00	7,305.09	7,952.83	7,488.78	22.85	24.56	139.66	-871.35	155.29	1,424.44	1,374.23	47.05	28.906	
8,100.00	7,301.83	7,952.83	7,488.78	23.18	24.90	139.31	-880.35	170.80	1,433.82	1,382.56	47.72	28.535	
8,200.00	7,298.56	7,952.83	7,488.78	23.50	25.24	138.96	-889.35	186.31	1,443.22	1,390.92	48.39	28.166	
8,300.00	7,295.30	7,952.83	7,488.78	23.83	25.58	138.61	-898.35	201.82	1,452.63	1,399.23	49.06	27.799	
8,400.00	7,292.03	7,952.83	7,488.78	24.15	25.92	138.26	-907.35	217.33	1,462.05	1,407.56	49.73	27.434	
8,500.00	7,288.76	7,952.83	7,488.78	24.48	26.26	137.91	-916.35	232.84	1,471.48	1,415.92	50.40	27.071	
8,600.00	7,285.50	7,952.83	7,488.78	24.80	26.60	137.56	-925.35	248.35	1,480.92	1,424.23	51.07	26.710	
8,700.00	7,282.23	7,952.83	7,488.78	25.13	26.94	137.21	-934.35	263.86	1,490.37	1,432.56	51.74	26.351	
8,800.00	7,278.96	7,952.83	7,488.78	25.45	27.28	136.86	-943.35	279.37	1,500.82	1,440.92	52.41	25.994	
8,900.00	7,275.70	7,952.83	7,488.78	25.78	27.62	136.51	-952.35	294.88	1,510.28	1,449.23	53.08	25.639	
9,000.00	7,272.43	7,952.83	7,488.78	26.10	27.96	136.16	-961.35	310.39	1,519.75	1,457.56	53.75	25.286	
9,100.00	7,269.17	7,952.83	7,488.78	26.43	28.30	135.81	-970.35	325.90	1,529.22	1,465.92	54.42	24.935	
9,200.00	7,265.90	7,952.83	7,488.78	26.75	28.64	135.46	-979.35	341.41	1,538.69	1,474.23	55.09	24.586	
9,300.00	7,262.63	7,952.83	7,488.78	27.08	28.98	135.11	-988.35	356.92	1,548.17	1,482.56	55.76	24.239	
9,400.00	7,259.37	7,952.83	7,488.78	27.40	29.32	134.76	-997.35	372.43	1,557.66	1,490.92	56.43	23.894	
9,500.00	7,256.10	7,952.83	7,488.78	27.73	29.66	134.41	-1006.35	387.94	1,567.15	1,499.23	57.10	23.551	
9,600.00	7,252.84	7,952.83	7,488.78	28.05	30.00	134.06	-1015.35	403.45	1,576.64	1,507.56	57.77	23.209	
9,700.00	7,249.57	7,952.83	7,488.78	28.38	30.34	133.71	-1024.35	418.96	1,586.12	1,515.92	58.44	22.869	
9,800.00	7,246.30	7,952.83	7,488.78	28.70	30.68	133.36	-1033.35	434.47	1,595.63	1,524.23	59.11	22.531	
9,900.00	7,243.04	7,952.83	7,488.78	29.03	31.02	133.01	-1042.35	449.98	1,605.15	1,532.56	59.78	22.195	
10,000.00	7,239.77	7,952.83	7,488.78	29.35	31.36	132.66	-1051.35	465.49	1,614.68	1,540.92	60.45	21.861	
10,100.00	7,236.50	7,952.83	7,488.78	29.68	31.70	132.31	-1060.35	481.00	1,624.22	1,549.23	61.12	21.528	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 36C-3-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	6,900.00	6,787.26	48.75	20.10	-54.82	-757.95	-42.09	2,178.44	2,134.97	43.47	50.118	
10,300.00	7,229.97	6,900.00	6,787.26	50.30	20.10	-54.82	-757.95	-42.09	2,270.13	2,226.67	43.47	52.228	
10,400.00	7,226.71	6,892.18	6,779.61	51.86	20.07	-54.39	-757.03	-43.38	2,362.44	2,318.97	43.48	54.338	
10,500.00	7,223.44	6,883.25	6,770.84	53.42	20.04	-53.90	-755.97	-44.75	2,455.35	2,411.86	43.49	56.456	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.87	2.20	-959.68	959.68				
100.00	100.00	100.00	100.00	3.28	3.28	-89.87	2.20	-959.68	959.68	952.15	7.53	127.467	
200.00	200.00	200.00	200.00	3.31	3.31	-89.87	2.20	-959.68	959.68	952.11	7.57	126.709	
300.00	300.00	330.33	330.29	3.35	3.36	-90.00	0.07	-957.62	958.10	950.42	7.67	124.863	
400.00	400.00	460.12	459.77	3.42	3.46	-90.38	-6.29	-951.48	953.38	945.55	7.82	121.847	
500.00	500.00	588.86	587.66	3.50	3.59	-91.02	-16.75	-941.37	945.59	937.56	8.04	117.679	
600.00	600.00	716.03	713.24	3.61	3.79	-91.92	-31.14	-927.48	934.89	926.58	8.31	112.494	
700.00	700.00	834.52	829.36	3.73	4.04	-93.02	-48.06	-911.14	921.53	912.88	8.65	106.526	
800.00	800.00	932.26	924.90	3.87	4.29	-94.01	-62.92	-896.79	907.63	898.61	9.01	100.683	
900.00	899.98	1,030.24	1,020.67	4.02	4.57	173.00	-77.82	-882.41	895.73	886.32	9.41	95.224	
1,000.00	999.84	1,128.64	1,116.85	4.17	4.87	172.02	-92.78	-867.96	887.56	877.74	9.83	90.324	
1,100.00	1,099.45	1,227.33	1,213.31	4.33	5.20	171.04	-107.78	-853.47	883.12	872.83	10.29	85.864	
1,169.82	1,168.79	1,303.65	1,280.76	4.46	5.46	170.37	-118.27	-843.34	882.22	871.57	10.65	82.842 CC, ES	
1,200.00	1,198.70	1,326.19	1,309.94	4.52	5.54	170.08	-122.81	-838.96	882.39	871.61	10.78	81.873	
1,300.00	1,297.47	1,425.10	1,406.61	4.73	5.89	169.15	-137.85	-824.44	885.33	874.03	11.30	78.324	
1,400.00	1,395.82	1,523.98	1,503.26	4.97	6.25	168.25	-152.88	-809.93	890.92	879.06	11.86	75.137	
1,500.00	1,494.16	1,622.86	1,599.90	5.23	6.63	167.38	-167.91	-795.41	896.81	884.37	12.43	72.129	
1,600.00	1,592.50	1,721.74	1,696.55	5.51	7.01	166.52	-182.94	-780.90	902.90	889.87	13.03	69.287	
1,700.00	1,690.83	1,820.61	1,793.19	5.79	7.36	165.67	-197.97	-766.39	909.20	895.59	13.61	66.787	
1,800.00	1,789.17	1,919.49	1,889.84	6.10	7.54	164.83	-213.00	-751.87	915.71	901.83	13.87	66.004	
1,900.00	1,887.51	2,018.37	1,986.48	6.26	7.59	164.00	-228.03	-737.36	922.40	908.54	13.87	66.519	
2,000.00	1,985.85	2,117.25	2,083.12	6.30	7.67	163.19	-243.07	-722.84	929.29	915.32	13.97	66.522	
2,100.00	2,084.19	2,216.12	2,179.77	6.35	7.75	162.38	-258.10	-708.33	936.37	922.26	14.11	66.370	
2,200.00	2,182.53	2,315.00	2,276.41	6.43	7.86	161.59	-273.13	-693.81	943.63	929.35	14.28	66.073	
2,300.00	2,280.86	2,413.88	2,373.06	6.52	7.98	160.81	-288.16	-679.30	951.08	936.59	14.49	65.641	
2,400.00	2,379.20	2,512.75	2,469.70	6.63	8.12	160.05	-303.19	-664.78	958.69	943.96	14.73	65.090	
2,500.00	2,477.54	2,611.63	2,566.34	6.75	8.28	159.29	-318.22	-650.27	966.48	951.48	15.00	64.435	
2,600.00	2,575.88	2,710.51	2,662.99	6.89	8.44	158.55	-333.25	-635.76	974.43	959.13	15.30	63.690	
2,700.00	2,674.22	2,809.38	2,759.63	7.05	8.62	157.82	-348.28	-621.24	982.55	966.92	15.63	62.877	
2,800.00	2,772.55	2,908.26	2,856.27	7.21	8.82	157.10	-363.32	-606.73	990.83	974.85	15.98	61.996	
2,900.00	2,870.89	3,007.14	2,952.92	7.39	9.02	156.39	-378.35	-592.21	999.26	982.90	16.36	61.078	
3,000.00	2,969.23	3,106.02	3,049.56	7.59	9.24	155.69	-393.38	-577.70	1,007.84	991.08	16.76	60.122	
3,100.00	3,067.57	3,204.89	3,146.21	7.79	9.46	155.01	-408.41	-563.18	1,016.57	999.38	17.19	59.150	
3,200.00	3,165.91	3,303.77	3,242.85	8.00	9.70	154.34	-423.44	-548.67	1,025.44	1,007.81	17.63	58.165	
3,300.00	3,264.25	3,402.65	3,339.49	8.22	9.94	153.68	-438.47	-534.15	1,034.46	1,016.36	18.09	57.179	
3,400.00	3,362.58	3,501.52	3,436.14	8.46	10.19	153.03	-453.50	-519.64	1,043.61	1,025.04	18.57	56.197	
3,500.00	3,460.92	3,600.40	3,532.78	8.69	10.45	152.39	-468.53	-505.13	1,052.89	1,033.82	19.06	55.226	
3,600.00	3,559.26	3,700.72	3,629.43	8.94	10.72	151.76	-483.57	-490.61	1,062.30	1,042.72	19.58	54.260	
3,700.00	3,657.60	3,801.85	3,726.07	9.19	11.00	151.14	-498.60	-476.10	1,071.83	1,051.73	20.11	53.306	
3,800.00	3,755.94	3,897.03	3,822.71	9.45	11.27	150.54	-513.63	-461.58	1,081.49	1,060.86	20.63	52.418	
3,900.00	3,854.27	3,995.91	3,919.36	9.72	11.55	149.94	-528.66	-447.07	1,091.27	1,070.09	21.18	51.527	
4,000.00	3,952.61	4,105.21	4,016.00	9.99	11.87	149.36	-543.69	-432.55	1,101.17	1,079.40	21.77	50.590	
4,100.00	4,050.95	4,206.34	4,112.65	10.26	12.18	148.78	-558.72	-418.04	1,111.17	1,088.83	22.34	49.737	
4,200.00	4,149.29	4,292.54	4,209.29	10.54	12.44	148.22	-573.75	-403.52	1,121.29	1,098.41	22.88	49.010	
4,300.00	4,247.63	4,408.58	4,305.93	10.82	12.79	147.67	-588.78	-389.01	1,131.51	1,108.00	23.52	48.116	
4,400.00	4,345.97	4,509.71	4,402.58	11.11	13.11	147.12	-603.82	-374.50	1,141.84	1,117.73	24.12	47.347	
4,500.00	4,444.30	4,589.17	4,499.22	11.40	13.36	146.59	-618.85	-359.98	1,152.27	1,127.62	24.66	46.735	
4,600.00	4,542.64	4,688.05	4,595.87	11.69	13.67	146.06	-633.88	-345.47	1,162.80	1,137.54	25.26	46.031	
4,700.00	4,640.98	4,786.92	4,692.51	11.99	13.99	145.55	-648.91	-330.95	1,173.42	1,147.55	25.87	45.352	
4,800.00	4,739.32	4,885.80	4,789.15	12.29	14.31	145.04	-663.94	-316.44	1,184.14	1,157.65	26.49	44.699	
4,900.00	4,837.66	4,984.68	4,885.80	12.59	14.63	144.54	-678.97	-301.92	1,194.95	1,167.83	27.12	44.069	
5,000.00	4,936.00	5,083.56	4,982.44	12.89	14.95	144.05	-694.00	-287.41	1,205.84	1,178.10	27.74	43.464	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,034.33	5,182.43	5,079.09	13.20	15.28	143.57	-709.04	-272.89	1,216.82	1,188.45	28.38	42.882		
5,200.00	5,132.67	5,281.31	5,175.73	13.51	15.61	143.10	-724.07	-258.38	1,227.89	1,198.88	29.01	42.321		
5,300.00	5,231.01	5,380.19	5,272.37	13.82	15.94	142.64	-739.10	-243.87	1,239.04	1,209.38	29.66	41.782		
5,400.00	5,329.35	5,479.06	5,369.02	14.13	16.28	142.19	-754.13	-229.35	1,250.26	1,219.96	30.30	41.263		
5,500.00	5,427.69	5,577.94	5,465.66	14.44	16.61	141.74	-769.16	-214.84	1,261.57	1,230.62	30.95	40.763		
5,600.00	5,526.02	5,676.82	5,562.31	14.76	16.95	141.30	-784.19	-200.32	1,272.95	1,241.35	31.60	40.283		
5,700.00	5,624.36	5,775.69	5,658.95	15.08	17.29	140.87	-799.22	-185.81	1,284.40	1,252.14	32.26	39.820		
5,800.00	5,722.70	5,874.57	5,755.59	15.39	17.63	140.44	-814.25	-171.29	1,295.92	1,263.01	32.91	39.374		
5,900.00	5,821.04	5,973.45	5,852.24	15.71	17.97	140.03	-829.29	-156.78	1,307.51	1,273.94	33.57	38.945		
6,000.00	5,919.38	6,072.33	5,948.88	16.03	18.31	139.62	-844.32	-142.27	1,319.17	1,284.94	34.24	38.532		
6,100.00	6,017.72	6,171.20	6,045.53	16.35	18.66	139.22	-859.35	-127.75	1,330.90	1,296.00	34.90	38.133		
6,200.00	6,116.05	7,871.49	6,990.04	16.68	30.21	97.00	-1,005.78	938.38	1,308.07	1,270.11	37.96	34.457		
6,300.00	6,214.39	7,889.11	6,989.94	17.00	30.41	96.00	-1,005.76	956.00	1,243.94	1,204.51	39.43	31.546		
6,400.00	6,312.73	7,906.73	6,989.85	17.33	30.63	94.99	-1,005.74	973.62	1,184.53	1,143.54	41.00	28.893		
6,500.00	6,411.07	7,924.35	6,989.76	17.65	30.84	93.98	-1,005.71	991.24	1,130.59	1,087.95	42.64	26.516		
6,600.00	6,509.41	7,941.97	6,989.66	17.98	31.06	92.96	-1,005.69	1,008.86	1,082.92	1,038.60	44.32	24.436		
6,700.00	6,608.03	7,957.78	6,989.58	18.27	31.25	89.04	-1,005.67	1,024.67	1,042.30	996.37	45.93	22.691		
6,800.00	6,707.89	7,960.04	6,989.57	18.44	31.28	-85.42	-1,005.67	1,026.93	1,009.50	962.31	47.19	21.393		
6,900.00	6,806.95	7,946.66	6,989.64	18.53	31.11	-91.31	-1,005.68	1,013.55	986.05	938.06	47.99	20.548		
7,000.00	6,902.79	7,917.95	6,989.79	18.56	30.76	-91.53	-1,005.72	984.84	972.59	924.33	48.27	20.151 SF		
7,097.55	6,990.91	7,875.85	6,990.01	18.55	30.26	-89.89	-1,005.78	942.74	968.54	920.50	48.04	20.160		
7,100.00	6,993.03	7,874.62	6,990.02	18.55	30.24	-89.83	-1,005.78	941.52	968.55	920.51	48.03	20.165		
7,200.00	7,075.46	7,817.75	6,990.32	18.51	29.57	-86.87	-1,005.86	884.65	972.27	924.91	47.37	20.526		
7,300.00	7,148.05	7,748.74	6,990.69	18.49	28.79	-83.20	-1,005.95	815.63	981.38	934.96	46.42	21.143		
7,400.00	7,209.00	7,669.27	6,991.11	18.51	27.91	-79.42	-1,006.05	736.17	993.16	947.84	45.32	21.915		
7,500.00	7,256.83	7,581.31	6,991.57	18.59	26.99	-76.06	-1,006.17	648.21	1,005.02	960.80	44.22	22.729		
7,600.00	7,290.34	7,489.46	6,991.97	18.76	26.09	-73.56	-1,006.28	556.36	1,014.77	971.54	43.23	23.473		
7,700.00	7,308.73	7,412.02	6,986.46	19.02	25.37	-71.87	-1,005.46	479.17	1,022.03	979.54	42.49	24.055		
7,800.00	7,311.63	7,336.15	6,972.12	19.37	24.69	-70.58	-1,003.27	404.74	1,026.99	985.09	41.90	24.510		
7,900.00	7,308.36	7,263.44	6,950.27	19.85	24.08	-69.50	-999.90	335.52	1,032.64	991.15	41.49	24.889		
8,000.00	7,305.09	7,196.04	6,923.17	20.46	23.54	-68.13	-995.71	273.98	1,041.51	1,000.27	41.24	25.253		
8,100.00	7,301.83	7,134.71	6,893.06	21.18	23.07	-66.59	-991.05	220.79	1,054.26	1,013.10	41.16	25.613		
8,200.00	7,298.56	7,079.66	6,861.82	22.01	22.68	-65.01	-986.22	175.73	1,071.53	1,030.30	41.22	25.992		
8,300.00	7,295.30	7,030.66	6,830.88	22.93	22.35	-63.45	-981.42	138.06	1,093.81	1,052.40	41.41	26.414		
8,400.00	7,292.03	6,987.26	6,801.16	23.93	22.07	-61.96	-976.81	106.79	1,121.42	1,079.73	41.69	26.899		
8,500.00	7,288.76	6,950.00	6,774.00	25.01	21.84	-60.63	-972.60	81.63	1,154.49	1,112.45	42.04	27.460		
8,600.00	7,285.50	6,914.98	6,747.20	26.14	21.63	-59.33	-968.44	59.48	1,192.99	1,150.57	42.43	28.119		
8,700.00	7,282.23	6,884.93	6,723.27	27.34	21.46	-58.18	-964.73	41.69	1,236.74	1,193.91	42.83	28.875		
8,800.00	7,278.96	6,850.00	6,694.45	28.58	21.27	-56.83	-960.25	22.48	1,285.53	1,242.33	43.20	29.760		
8,900.00	7,275.70	6,834.45	6,681.30	29.86	21.19	-56.21	-958.21	14.45	1,338.84	1,295.21	43.63	30.689		
9,000.00	7,272.43	6,813.18	6,662.99	31.18	21.08	-55.37	-955.36	3.99	1,396.47	1,352.47	43.99	31.743		
9,100.00	7,269.17	6,800.00	6,651.48	32.54	21.01	-54.85	-953.58	-2.18	1,458.01	1,413.67	44.35	32.877		
9,200.00	7,265.90	6,776.87	6,630.99	33.92	20.90	-53.93	-950.39	-12.41	1,523.01	1,478.37	44.64	34.120		
9,300.00	7,262.63	6,750.00	6,606.74	35.33	20.77	-52.85	-946.62	-23.35	1,591.32	1,546.43	44.89	35.453		
9,400.00	7,259.37	6,725.00	6,606.74	36.76	20.77	-52.85	-946.62	-23.35	1,662.23	1,617.07	45.16	36.805		
9,500.00	7,256.10	6,734.29	6,592.35	38.21	20.70	-52.23	-944.39	-29.26	1,735.78	1,690.40	45.38	38.254		
9,600.00	7,252.84	6,722.52	6,581.48	39.67	20.65	-51.76	-942.70	-33.45	1,811.60	1,766.03	45.57	39.757		
9,700.00	7,249.57	6,700.00	6,560.49	41.16	20.55	-50.86	-939.44	-40.90	1,889.58	1,843.85	45.72	41.328		
9,800.00	7,246.30	6,700.00	6,560.49	42.65	20.55	-50.86	-939.44	-40.90	1,969.11	1,923.23	45.88	42.918		
9,900.00	7,243.04	6,700.00	6,560.49	44.16	20.55	-50.86	-939.44	-40.90	2,050.44	2,004.42	46.02	44.559		
10,000.00	7,239.77	6,700.00	6,560.49	45.68	20.55	-50.86	-939.44	-40.90	2,133.35	2,087.22	46.13	46.244		
10,100.00	7,236.50	6,676.30	6,538.12	47.21	20.45	-49.92	-935.96	-47.92	2,217.16	2,170.93	46.23	47.960		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,233.24	6,668.99	6,531.18	48.75	20.42	-49.63	-934.88	-49.92	2,302.37	2,256.05	46.32	49.707	
10,300.00	7,229.97	6,650.00	6,513.02	50.30	20.35	-48.89	-932.06	-54.72	2,388.77	2,342.38	46.40	51.484	
10,400.00	7,226.71	6,650.00	6,513.02	51.86	20.35	-48.89	-932.06	-54.72	2,475.90	2,429.42	46.47	53.279	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.85	2.57	-999.49	999.49				
100.00	100.00	100.00	100.00	3.28	3.28	-89.85	2.57	-999.49	999.49	991.96	7.53	132.755	
200.00	200.00	200.00	200.00	3.31	3.31	-89.85	2.57	-999.49	999.49	991.92	7.57	131.966	
300.00	300.00	343.36	343.30	3.35	3.37	-89.95	0.79	-996.38	997.32	989.64	7.68	129.855	
400.00	400.00	486.01	485.53	3.42	3.48	-90.26	-4.53	-987.12	990.83	982.98	7.84	126.348	
500.00	500.00	627.25	625.66	3.50	3.65	-90.78	-13.26	-971.91	980.09	972.02	8.07	121.493	
600.00	600.00	753.29	749.89	3.61	3.87	-91.43	-23.85	-953.45	965.45	957.11	8.34	115.723	
700.00	700.00	851.64	846.62	3.73	4.08	-92.00	-32.71	-938.02	949.97	941.33	8.64	109.933	
800.00	800.00	949.99	943.34	3.87	4.31	-92.58	-41.56	-922.59	934.59	925.61	8.98	104.106	
900.00	899.98	1,048.60	1,040.33	4.02	4.57	174.85	-50.44	-907.13	921.02	911.69	9.33	98.687	
1,000.00	999.84	1,147.65	1,137.74	4.17	4.85	174.28	-59.36	-891.59	911.00	901.29	9.71	93.831	
1,100.00	1,099.45	1,247.01	1,235.47	4.33	5.14	173.72	-68.30	-876.00	904.54	894.42	10.12	89.398	
1,200.00	1,198.70	1,346.57	1,333.39	4.52	5.45	173.17	-77.27	-860.38	901.63	891.08	10.56	85.419	
1,231.90	1,230.27	1,378.36	1,364.65	4.59	5.56	173.00	-80.13	-855.40	901.45	890.75	10.70	84.232	
1,300.00	1,297.47	1,446.21	1,431.38	4.73	5.78	172.63	-86.24	-844.75	902.27	891.25	11.02	81.849	
1,400.00	1,395.82	1,545.83	1,529.36	4.97	6.11	172.12	-95.20	-829.13	905.43	893.91	11.52	78.622	
1,500.00	1,494.16	1,645.45	1,627.34	5.23	6.45	171.61	-104.17	-813.50	908.74	896.71	12.03	75.545	
1,600.00	1,592.50	1,745.07	1,725.31	5.51	6.79	171.11	-113.14	-797.87	912.13	899.57	12.56	72.616	
1,700.00	1,690.83	1,844.69	1,823.29	5.79	7.07	170.61	-122.11	-782.25	915.59	902.71	12.87	71.128	
1,800.00	1,789.17	1,944.31	1,921.27	6.10	7.20	170.11	-131.08	-766.62	919.11	905.88	13.23	69.484	
1,900.00	1,887.51	2,043.93	2,019.24	6.26	7.25	169.62	-140.05	-750.99	922.71	909.51	13.20	69.924	
2,000.00	1,985.85	2,143.55	2,117.22	6.30	7.31	169.13	-149.01	-735.37	926.37	913.09	13.28	69.778	
2,100.00	2,084.19	2,243.17	2,215.20	6.35	7.39	168.64	-157.98	-719.74	930.10	916.71	13.39	69.462	
2,200.00	2,182.53	2,342.79	2,313.17	6.43	7.49	168.16	-166.95	-704.11	933.90	920.36	13.54	68.985	
2,300.00	2,280.86	2,442.41	2,411.15	6.52	7.61	167.69	-175.92	-688.49	937.76	924.04	13.72	68.362	
2,400.00	2,379.20	2,542.03	2,509.13	6.63	7.73	167.21	-184.89	-672.86	941.69	927.76	13.93	67.608	
2,500.00	2,477.54	2,641.65	2,607.10	6.75	7.87	166.74	-193.86	-657.23	945.68	931.51	14.17	66.740	
2,600.00	2,575.88	2,741.27	2,705.08	6.89	8.03	166.28	-202.83	-641.61	949.73	935.29	14.44	65.775	
2,700.00	2,674.22	2,840.88	2,803.06	7.05	8.20	165.82	-211.79	-625.98	953.85	939.12	14.74	64.731	
2,800.00	2,772.55	2,940.50	2,901.03	7.21	8.37	165.36	-220.76	-610.35	958.03	942.97	15.06	63.624	
2,900.00	2,870.89	3,040.12	2,999.01	7.39	8.56	164.91	-229.73	-594.73	962.27	946.86	15.40	62.470	
3,000.00	2,969.23	3,139.74	3,096.99	7.59	8.76	164.46	-238.70	-579.10	966.57	950.80	15.77	61.284	
3,100.00	3,067.57	3,239.36	3,194.96	7.79	8.97	164.01	-247.67	-563.47	970.93	954.76	16.16	60.077	
3,200.00	3,165.91	3,338.98	3,292.94	8.00	9.19	163.57	-256.64	-547.85	975.34	958.77	16.57	58.861	
3,300.00	3,264.25	3,438.60	3,390.92	8.22	9.41	163.13	-265.60	-532.22	979.82	962.82	17.00	57.645	
3,400.00	3,362.58	3,538.22	3,488.89	8.46	9.65	162.70	-274.57	-516.59	984.35	966.91	17.44	56.437	
3,500.00	3,460.92	3,637.84	3,586.87	8.69	9.89	162.27	-283.54	-500.97	988.94	971.03	17.90	55.244	
3,600.00	3,559.26	3,737.46	3,684.85	8.94	10.13	161.84	-292.51	-485.34	993.58	975.20	18.38	54.071	
3,700.00	3,657.60	3,837.08	3,782.82	9.19	10.39	161.42	-301.48	-469.71	998.28	979.41	18.86	52.922	
3,800.00	3,755.94	3,936.70	3,880.80	9.45	10.64	161.00	-310.45	-454.09	1,003.03	983.66	19.36	51.800	
3,900.00	3,854.27	4,036.32	3,978.78	9.72	10.91	160.59	-319.42	-438.46	1,007.83	987.95	19.88	50.708	
4,000.00	3,952.61	4,135.94	4,076.75	9.99	11.18	160.18	-328.38	-422.83	1,012.69	992.29	20.40	49.647	
4,100.00	4,050.95	4,235.56	4,174.73	10.26	11.45	159.78	-337.35	-407.21	1,017.59	996.66	20.93	48.618	
4,200.00	4,149.29	4,335.18	4,272.71	10.54	11.73	159.37	-346.32	-391.58	1,022.55	1,001.08	21.47	47.622	
4,300.00	4,247.63	4,434.80	4,370.68	10.82	12.01	158.98	-355.29	-375.95	1,027.56	1,005.54	22.02	46.659	
4,400.00	4,345.97	4,534.42	4,468.66	11.11	12.30	158.58	-364.26	-360.33	1,032.62	1,010.03	22.58	45.728	
4,500.00	4,444.30	4,634.04	4,566.64	11.40	12.58	158.19	-373.23	-344.70	1,037.72	1,014.57	23.15	44.830	
4,600.00	4,542.64	4,733.66	4,664.61	11.69	12.88	157.80	-382.19	-329.07	1,042.88	1,019.15	23.72	43.964	
4,700.00	4,640.98	4,833.28	4,762.59	11.99	13.17	157.42	-391.16	-313.45	1,048.08	1,023.78	24.30	43.130	
4,800.00	4,739.32	4,932.90	4,860.57	12.29	13.47	157.04	-400.13	-297.82	1,053.32	1,028.44	24.89	42.325	
4,900.00	4,837.66	5,032.52	4,958.54	12.59	13.77	156.67	-409.10	-282.19	1,058.62	1,033.14	25.48	41.550	
5,000.00	4,936.00	5,132.14	5,056.52	12.89	14.07	156.30	-418.07	-266.57	1,063.95	1,037.88	26.07	40.804	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,034.33	5,231.76	5,154.50	13.20	14.38	155.93	-427.04	-250.94	1,069.34	1,042.66	26.68	40.085		
5,200.00	5,132.67	5,331.37	5,252.48	13.51	14.68	155.56	-436.01	-235.31	1,074.76	1,047.48	27.28	39.393		
5,300.00	5,231.01	5,430.99	5,350.45	13.82	14.99	155.20	-444.97	-219.69	1,080.23	1,052.34	27.89	38.726		
5,400.00	5,329.35	5,530.61	5,448.43	14.13	15.30	154.85	-453.94	-204.06	1,085.74	1,057.23	28.51	38.083		
5,500.00	5,427.69	5,630.23	5,546.41	14.44	15.62	154.49	-462.91	-188.43	1,091.30	1,062.17	29.13	37.464		
5,600.00	5,526.02	5,729.85	5,644.38	14.76	15.93	154.14	-471.88	-172.80	1,096.89	1,067.14	29.75	36.868		
5,700.00	5,624.36	5,829.47	5,742.36	15.08	16.25	153.80	-480.85	-157.18	1,102.52	1,072.15	30.38	36.293		
5,800.00	5,722.70	5,929.09	5,840.34	15.39	16.56	153.45	-489.82	-141.55	1,108.20	1,077.19	31.01	35.739		
5,900.00	5,821.04	6,028.71	5,938.31	15.71	16.88	153.12	-498.79	-125.92	1,113.91	1,082.27	31.64	35.205		
6,000.00	5,919.38	6,128.33	6,036.29	16.03	17.20	152.78	-507.75	-110.30	1,119.67	1,087.39	32.28	34.690		
6,100.00	6,017.72	6,227.95	6,134.27	16.35	17.52	152.45	-516.72	-94.67	1,125.46	1,092.54	32.91	34.193		
6,200.00	6,116.05	6,327.57	6,232.24	16.68	17.85	152.12	-525.69	-79.04	1,131.28	1,097.73	33.56	33.713		
6,300.00	6,214.39	7,933.93	7,115.79	17.00	29.48	103.68	-602.94	956.24	1,066.37	1,032.27	34.10	31.273		
6,400.00	6,312.73	7,951.73	7,115.72	17.33	29.70	102.02	-602.86	974.04	984.19	948.76	35.42	27.783		
6,500.00	6,411.07	7,969.52	7,115.66	17.65	29.92	100.34	-602.78	991.83	905.24	868.28	36.96	24.490		
6,600.00	6,509.41	7,987.32	7,115.60	17.98	30.15	98.63	-602.71	1,009.63	830.47	791.72	38.75	21.432		
6,700.00	6,608.03	8,003.30	7,115.54	18.27	30.35	91.87	-602.64	1,025.61	760.91	720.14	40.77	18.664		
6,800.00	6,707.89	8,005.75	7,115.53	18.44	30.38	-86.90	-602.63	1,028.06	697.82	655.01	42.81	16.299		
6,900.00	6,806.95	8,007.46	7,115.58	18.53	30.40	-95.73	-602.68	1,014.85	644.67	599.79	44.88	14.366		
7,000.00	6,902.79	7,964.00	7,115.68	18.56	29.85	-97.55	-602.81	986.31	604.51	558.34	46.18	13.092		
7,100.00	6,993.03	7,920.84	7,115.83	18.55	29.32	-96.29	-603.00	943.15	578.94	531.99	46.95	12.331		
7,200.00	7,075.46	7,864.12	7,116.03	18.51	28.62	-92.77	-603.25	886.43	567.39	520.46	46.93	12.091 SF		
7,250.40	7,113.39	7,830.82	7,116.15	18.50	28.22	-90.41	-603.39	853.13	566.10	519.45	46.64	12.137 CC, ES		
7,300.00	7,148.05	7,804.77	7,116.27	18.49	27.91	-87.84	-603.55	817.54	567.18	520.84	46.33	12.242		
7,400.00	7,209.00	7,715.88	7,116.55	18.51	26.89	-82.42	-603.89	738.19	574.30	529.20	45.10	12.733		
7,500.00	7,256.83	7,628.01	7,116.85	18.59	25.92	-77.48	-604.28	650.32	584.50	540.63	43.88	13.321		
7,600.00	7,290.34	7,542.10	7,115.67	18.76	25.02	-73.78	-604.52	564.45	594.48	551.70	42.78	13.896		
7,700.00	7,308.73	7,463.82	7,105.85	19.02	24.23	-70.77	-603.93	486.83	604.01	562.14	41.87	14.425		
7,800.00	7,311.63	7,387.55	7,087.23	19.37	23.50	-68.24	-602.51	412.93	612.69	571.54	41.15	14.889		
7,900.00	7,308.36	7,315.21	7,061.56	19.85	22.84	-66.17	-600.42	345.37	623.72	583.12	40.61	15.361		
8,000.00	7,305.09	7,250.00	7,032.02	20.46	22.28	-63.78	-597.93	287.32	640.18	599.97	40.22	15.919		
8,100.00	7,301.83	7,189.40	6,999.40	21.18	21.79	-61.20	-595.13	236.36	662.98	623.01	39.97	16.589		
8,200.00	7,298.56	7,136.37	6,967.01	22.01	21.39	-58.71	-592.31	194.48	692.72	652.85	39.86	17.378		
8,300.00	7,295.30	7,089.50	6,935.58	22.93	21.06	-56.37	-589.56	159.84	729.61	689.74	39.87	18.299		
8,400.00	7,292.03	7,050.00	6,907.18	23.93	20.80	-54.34	-587.05	132.51	773.50	733.53	39.97	19.351		
8,500.00	7,288.76	7,011.82	6,878.17	25.01	20.56	-52.33	-584.48	107.82	823.95	783.85	40.11	20.545		
8,600.00	7,285.50	6,979.74	6,852.70	26.14	20.36	-50.64	-582.21	88.46	880.37	840.10	40.27	21.861		
8,700.00	7,282.23	6,950.00	6,828.25	27.34	20.19	-49.07	-580.02	71.68	942.09	901.65	40.44	23.299		
8,800.00	7,278.96	6,926.19	6,808.13	28.58	20.06	-47.83	-578.22	59.09	1,008.42	967.82	40.60	24.836		
8,900.00	7,275.70	6,900.00	6,785.47	29.86	19.92	-46.47	-576.18	46.11	1,078.78	1,038.04	40.74	26.479		
9,000.00	7,272.43	6,883.73	6,771.13	31.18	19.84	-45.63	-574.89	38.53	1,152.55	1,111.68	40.88	28.195		
9,100.00	7,269.17	6,865.73	6,755.05	32.54	19.75	-44.71	-573.44	30.57	1,229.30	1,188.31	40.99	29.991		
9,200.00	7,265.90	6,850.00	6,740.82	33.92	19.67	-43.92	-572.16	24.00	1,308.59	1,267.51	41.08	31.853		
9,300.00	7,262.63	6,834.83	6,726.94	35.33	19.60	-43.17	-570.90	17.99	1,390.07	1,348.91	41.16	33.770		
9,400.00	7,259.37	6,821.49	6,714.64	36.76	19.54	-42.51	-569.79	12.98	1,473.44	1,432.21	41.23	35.737		
9,500.00	7,256.10	6,800.00	6,694.58	38.21	19.45	-41.47	-567.97	5.46	1,558.53	1,517.24	41.30	37.741		
9,600.00	7,252.84	6,800.00	6,694.58	39.67	19.45	-41.47	-567.97	5.46	1,644.87	1,603.54	41.33	39.799		
9,700.00	7,249.57	6,800.00	6,694.58	41.16	19.45	-41.47	-567.97	5.46	1,732.67	1,691.32	41.35	41.902		
9,800.00	7,246.30	6,778.63	6,674.41	42.65	19.36	-40.45	-566.14	-1.34	1,821.27	1,779.86	41.41	43.983		
9,900.00	7,243.04	6,769.97	6,666.17	44.16	19.32	-40.05	-565.39	-3.90	1,910.96	1,869.53	41.44	46.116		
10,000.00	7,239.77	6,750.00	6,647.05	45.68	19.24	-39.13	-563.65	-9.37	2,001.65	1,960.16	41.49	48.243		
10,100.00	7,236.50	6,750.00	6,647.05	47.21	19.24	-39.13	-563.65	-9.37	2,092.81	2,051.31	41.50	50.431		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,233.24	6,750.00	6,647.05	48.75	19.24	-39.13	-563.65	-9.37	2,184.75	2,143.25	41.50	52.639	
10,300.00	7,229.97	6,750.00	6,647.05	50.30	19.24	-39.13	-563.65	-9.37	2,277.37	2,235.86	41.51	54.864	
10,400.00	7,226.71	6,750.00	6,647.05	51.86	19.24	-39.13	-563.65	-9.37	2,370.59	2,329.08	41.51	57.104	
10,500.00	7,223.44	6,729.44	6,627.19	53.42	19.17	-38.21	-561.84	-14.37	2,463.93	2,422.36	41.58	59.264	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7000-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	7,154.85	7,230.81	7,229.66	87.20	20.76	-103.12	-422.30	-6,904.35	2,498.53	2,453.07	45.46	54.965		
12,700.00	7,151.59	7,227.39	7,226.24	88.83	20.70	-102.68	-422.43	-6,904.36	2,400.20	2,354.15	46.05	52.124		
12,800.00	7,148.32	7,223.96	7,222.82	90.47	20.65	-102.25	-422.57	-6,904.37	2,302.00	2,255.30	46.71	49.286		
12,900.00	7,145.05	7,220.54	7,219.40	92.11	20.59	-101.81	-422.70	-6,904.37	2,203.97	2,156.52	47.45	46.453		
13,000.00	7,141.79	7,217.12	7,215.98	93.74	20.53	-101.38	-422.83	-6,904.38	2,106.11	2,057.84	48.27	43.629		
13,100.00	7,138.52	7,213.70	7,212.56	95.38	20.47	-100.94	-422.97	-6,904.39	2,008.46	1,959.26	49.21	40.818		
13,200.00	7,135.25	7,210.27	7,209.14	97.02	20.42	-100.50	-423.10	-6,904.39	1,911.05	1,860.79	50.26	38.025		
13,300.00	7,131.99	7,206.85	7,205.72	98.67	20.36	-100.07	-423.23	-6,904.40	1,813.91	1,762.46	51.45	35.255		
13,400.00	7,128.72	7,203.43	7,202.30	100.31	20.30	-99.63	-423.37	-6,904.40	1,717.09	1,664.28	52.81	32.516		
13,500.00	7,125.46	7,200.01	7,198.88	101.95	20.24	-99.18	-423.50	-6,904.41	1,620.65	1,566.29	54.36	29.814		
13,600.00	7,122.19	7,203.42	7,195.46	103.60	20.30	-98.74	-423.63	-6,904.42	1,524.67	1,468.41	56.25	27.103		
13,700.00	7,118.92	7,193.16	7,192.04	105.24	20.16	-98.30	-423.77	-6,904.42	1,429.22	1,371.00	58.22	24.548		
13,800.00	7,115.66	7,189.74	7,188.62	106.89	20.11	-97.86	-423.90	-6,904.43	1,334.44	1,273.82	60.62	22.013		
13,900.00	7,112.39	7,186.31	7,185.20	108.54	20.07	-97.41	-424.03	-6,904.44	1,240.46	1,177.05	63.41	19.561		
14,000.00	7,109.13	7,182.89	7,181.78	110.18	20.02	-96.97	-424.16	-6,904.44	1,147.49	1,080.80	66.69	17.205		
14,100.00	7,105.86	7,179.47	7,178.36	111.83	19.98	-96.52	-424.30	-6,904.45	1,055.80	985.23	70.57	14.962		
14,200.00	7,102.59	7,176.05	7,174.94	113.48	19.94	-96.08	-424.43	-6,904.46	965.74	890.58	75.16	12.848		
14,300.00	7,099.33	7,172.62	7,171.52	115.13	19.89	-95.63	-424.56	-6,904.46	877.83	797.18	80.66	10.884		
14,400.00	7,096.06	7,169.20	7,168.10	116.78	19.85	-95.19	-424.70	-6,904.47	792.78	705.54	87.24	9.087		
14,500.00	7,092.79	7,165.78	7,164.68	118.43	19.81	-94.74	-424.83	-6,904.47	711.60	616.48	95.12	7.481		
14,600.00	7,089.53	7,162.36	7,161.26	120.09	19.76	-94.29	-424.96	-6,904.48	635.79	531.35	104.44	6.087		
14,700.00	7,086.26	7,158.93	7,157.84	121.74	19.72	-93.85	-425.10	-6,904.49	567.51	452.33	115.18	4.927		
14,800.00	7,083.00	7,155.51	7,154.42	123.39	19.67	-93.40	-425.23	-6,904.49	509.78	383.00	126.78	4.021		
14,900.00	7,079.73	7,152.09	7,151.00	125.05	19.63	-92.95	-425.36	-6,904.50	466.54	328.77	137.77	3.386		
15,000.00	7,076.46	7,148.66	7,147.58	126.70	19.59	-92.50	-425.49	-6,904.51	442.07	296.42	145.65	3.035		
15,061.31	7,074.46	7,146.57	7,145.48	127.71	19.56	-92.23	-425.58	-6,904.51	437.80	289.99	147.81	2.962	CC, ES, SF	
15,100.00	7,073.20	7,145.24	7,144.16	128.35	19.54	-92.06	-425.63	-6,904.51	439.51	291.56	147.95	2.971		
15,200.00	7,069.93	7,141.82	7,140.74	130.01	19.50	-91.61	-425.76	-6,904.52	459.22	315.08	144.14	3.186		
15,300.00	7,066.67	7,138.40	7,137.32	131.66	19.46	-91.16	-425.89	-6,904.52	498.57	362.52	136.06	3.664		
15,400.00	7,063.40	7,134.97	7,133.90	133.32	19.41	-90.71	-426.03	-6,904.53	553.39	427.15	126.24	4.384		
15,500.00	7,060.13	7,131.55	7,130.48	134.98	19.37	-90.27	-426.16	-6,904.54	619.59	503.07	116.52	5.318		
15,600.00	7,056.87	7,128.13	7,127.06	136.63	19.32	-89.82	-426.29	-6,904.54	693.91	586.18	107.74	6.441		
15,634.69	7,055.73	7,126.94	7,125.87	137.21	19.31	-89.66	-426.34	-6,904.55	721.14	616.18	104.97	6.870		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,800.00	7,148.32	7,131.41	7,071.35	90.47	15.89	89.35	2,358.04	-5,456.64	2,498.32	2,396.37	101.94	24.507	
12,900.00	7,145.05	7,130.18	7,070.12	92.11	15.89	89.32	2,358.02	-5,456.61	2,466.81	2,362.27	104.54	23.596	
13,000.00	7,141.79	7,128.94	7,068.87	93.74	15.89	89.29	2,358.00	-5,456.58	2,439.00	2,331.92	107.08	22.778	
13,100.00	7,138.52	7,127.68	7,067.62	95.38	15.89	89.26	2,357.98	-5,456.56	2,415.01	2,305.47	109.53	22.048	
13,200.00	7,135.25	7,126.42	7,066.36	97.02	15.88	89.23	2,357.96	-5,456.53	2,394.95	2,283.06	111.89	21.405	
13,300.00	7,131.99	7,125.15	7,065.09	98.67	15.88	89.20	2,357.94	-5,456.51	2,378.94	2,264.81	114.12	20.845	
13,400.00	7,128.72	7,123.88	7,063.82	100.31	15.88	89.16	2,357.92	-5,456.48	2,367.04	2,250.82	116.22	20.366	
13,500.00	7,125.46	7,122.59	7,062.53	101.95	15.87	89.13	2,357.90	-5,456.46	2,359.33	2,241.16	118.17	19.965	
13,600.00	7,122.19	7,121.30	7,061.24	103.60	15.87	89.10	2,357.88	-5,456.43	2,355.83	2,235.88	119.95	19.640	
13,632.34	7,121.13	7,120.87	7,060.82	104.13	15.87	89.09	2,357.87	-5,456.42	2,355.61	2,235.12	120.49	19.550 CC	
13,700.00	7,118.92	7,119.99	7,059.93	105.24	15.87	89.07	2,357.86	-5,456.40	2,356.58	2,235.03	121.56	19.387 ES	
13,800.00	7,115.66	7,118.68	7,058.62	106.89	15.87	89.04	2,357.83	-5,456.38	2,361.57	2,238.60	122.97	19.204	
13,900.00	7,112.39	7,118.97	7,058.92	108.54	15.87	89.05	2,357.83	-5,456.39	2,370.76	2,246.56	124.20	19.088	
14,000.00	7,109.13	7,117.57	7,057.51	110.18	15.86	89.01	2,357.81	-5,456.36	2,384.12	2,258.89	125.24	19.037 SF	
14,100.00	7,105.86	7,116.15	7,056.09	111.83	15.86	88.98	2,357.79	-5,456.33	2,401.58	2,275.50	126.08	19.048	
14,200.00	7,102.59	7,114.71	7,054.65	113.48	15.86	88.94	2,357.77	-5,456.30	2,423.03	2,296.30	126.73	19.119	
14,300.00	7,099.33	7,113.25	7,053.19	115.13	15.86	88.91	2,357.74	-5,456.27	2,448.39	2,321.18	127.20	19.248	
14,400.00	7,096.06	7,111.77	7,051.71	116.78	15.85	88.87	2,357.72	-5,456.24	2,477.52	2,350.02	127.50	19.431	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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	
11,400.00	7,194.05	7,282.80	7,152.05	67.73	16.59	93.37	947.75	-5,548.42	2,498.33	2,450.87	47.45	52.649	
11,500.00	7,190.78	7,281.03	7,150.28	69.34	16.59	93.26	947.77	-5,548.39	2,406.07	2,357.26	48.81	49.296	
11,600.00	7,187.51	7,279.26	7,148.51	70.95	16.58	93.15	947.80	-5,548.37	2,314.46	2,264.18	50.29	46.025	
11,700.00	7,184.25	7,277.47	7,146.72	72.57	16.58	93.04	947.82	-5,548.35	2,223.57	2,171.67	51.90	42.841	
11,800.00	7,180.98	7,275.68	7,144.93	74.18	16.58	92.93	947.84	-5,548.32	2,133.50	2,079.83	53.67	39.753	
11,900.00	7,177.71	7,273.88	7,143.13	75.80	16.57	92.83	947.86	-5,548.30	2,044.35	1,988.75	55.60	36.770	
12,000.00	7,174.45	7,272.06	7,141.31	77.43	16.57	92.72	947.88	-5,548.27	1,956.24	1,898.53	57.71	33.897	
12,100.00	7,171.18	7,270.24	7,139.49	79.05	16.56	92.61	947.90	-5,548.25	1,869.33	1,809.31	60.02	31.144	
12,200.00	7,167.92	7,268.40	7,137.66	80.68	16.56	92.49	947.92	-5,548.23	1,783.79	1,721.24	62.55	28.516	
12,300.00	7,164.65	7,266.56	7,135.81	82.30	16.56	92.38	947.94	-5,548.20	1,699.83	1,634.50	65.33	26.020	
12,400.00	7,161.38	7,264.71	7,133.96	83.93	16.55	92.27	947.97	-5,548.18	1,617.69	1,549.33	68.36	23.664	
12,500.00	7,158.12	7,262.84	7,132.10	85.56	16.55	92.16	947.99	-5,548.16	1,537.66	1,465.99	71.67	21.454	
12,600.00	7,154.85	7,260.97	7,130.22	87.20	16.55	92.04	948.01	-5,548.13	1,460.09	1,384.81	75.28	19.394	
12,700.00	7,151.59	7,259.08	7,128.34	88.83	16.54	91.93	948.03	-5,548.11	1,385.40	1,306.20	79.20	17.491	
12,800.00	7,148.32	7,257.19	7,126.44	90.47	16.54	91.82	948.06	-5,548.08	1,314.08	1,230.65	83.44	15.750	
12,900.00	7,145.05	7,255.28	7,124.54	92.11	16.54	91.70	948.08	-5,548.06	1,246.70	1,158.74	87.96	14.173	
13,000.00	7,141.79	7,253.37	7,122.62	93.74	16.53	91.58	948.10	-5,548.04	1,183.94	1,091.20	92.75	12.765	
13,100.00	7,138.52	7,251.44	7,120.69	95.38	16.53	91.47	948.13	-5,548.01	1,126.57	1,028.86	97.71	11.529	
13,200.00	7,135.25	7,249.50	7,118.76	97.02	16.52	91.35	948.15	-5,547.99	1,075.45	972.70	102.75	10.466	
13,300.00	7,131.99	7,247.56	7,116.81	98.67	16.52	91.23	948.18	-5,547.96	1,031.52	923.82	107.70	9.578	
13,400.00	7,128.72	7,245.60	7,114.85	100.31	16.52	91.11	948.20	-5,547.94	995.71	883.38	112.34	8.864	
13,500.00	7,125.46	7,243.62	7,112.88	101.95	16.51	90.99	948.23	-5,547.91	968.94	852.52	116.43	8.322	
13,600.00	7,122.19	7,241.64	7,110.90	103.60	16.51	90.87	948.25	-5,547.89	951.97	832.25	119.72	7.952	
13,700.00	7,118.92	7,239.65	7,108.91	105.24	16.50	90.75	948.28	-5,547.87	945.33	823.31	122.02	7.747	
13,713.05	7,118.50	7,239.39	7,108.64	105.46	16.50	90.74	948.28	-5,547.86	945.24	823.00	122.24	7.733 CC, ES	
13,800.00	7,115.66	7,237.65	7,106.90	106.89	16.50	90.63	948.30	-5,547.84	949.23	826.03	123.20	7.705 SF	
13,900.00	7,112.39	7,235.63	7,104.89	108.54	16.50	90.51	948.33	-5,547.82	963.54	840.29	123.26	7.817	
14,000.00	7,109.13	7,233.60	7,102.86	110.18	16.49	90.39	948.35	-5,547.79	987.82	865.54	122.28	8.078	
14,100.00	7,105.86	7,231.56	7,100.82	111.83	16.49	90.26	948.38	-5,547.77	1,021.35	900.90	120.44	8.480	
14,200.00	7,102.59	7,229.51	7,098.77	113.48	16.48	90.14	948.41	-5,547.74	1,063.25	945.29	117.96	9.014	
14,300.00	7,099.33	7,227.45	7,096.71	115.13	16.48	90.01	948.43	-5,547.72	1,112.58	997.54	115.04	9.671	
14,400.00	7,096.06	7,225.37	7,094.63	116.78	16.48	89.89	948.46	-5,547.69	1,168.41	1,056.54	111.87	10.444	
14,500.00	7,092.79	7,223.29	7,092.55	118.43	16.47	89.76	948.49	-5,547.67	1,229.84	1,121.23	108.60	11.324	
14,600.00	7,089.53	7,221.19	7,090.45	120.09	16.47	89.63	948.52	-5,547.65	1,296.08	1,190.73	105.35	12.303	
14,700.00	7,086.26	7,219.08	7,088.34	121.74	16.46	89.51	948.55	-5,547.62	1,366.43	1,264.25	102.18	13.373	
14,800.00	7,083.00	7,216.95	7,086.21	123.39	16.46	89.38	948.57	-5,547.60	1,440.29	1,341.15	99.14	14.528	
14,900.00	7,079.73	7,214.82	7,084.08	125.05	16.46	89.25	948.60	-5,547.57	1,517.14	1,420.88	96.27	15.760	
15,000.00	7,076.46	7,212.67	7,081.93	126.70	16.45	89.12	948.63	-5,547.55	1,596.56	1,502.99	93.57	17.063	
15,100.00	7,073.20	7,210.51	7,079.77	128.35	16.45	88.99	948.66	-5,547.52	1,678.18	1,587.13	91.05	18.432	
15,200.00	7,069.93	7,208.33	7,077.59	130.01	16.44	88.86	948.69	-5,547.50	1,761.69	1,672.98	88.70	19.861	
15,300.00	7,066.67	7,206.15	7,075.41	131.66	16.44	88.72	948.72	-5,547.47	1,846.83	1,760.31	86.53	21.344	
15,400.00	7,063.40	7,203.95	7,073.21	133.32	16.43	88.59	948.75	-5,547.45	1,933.40	1,848.89	84.51	22.878	
15,500.00	7,060.13	7,201.73	7,070.99	134.98	16.43	88.46	948.78	-5,547.43	2,021.21	1,938.57	82.64	24.458	
15,600.00	7,056.87	7,199.55	7,068.81	136.63	16.43	88.32	948.81	-5,547.40	2,110.09	2,029.19	80.91	26.080	
15,634.69	7,055.73	7,198.84	7,068.10	137.21	16.42	88.28	948.82	-5,547.39	2,141.16	2,060.82	80.34	26.652	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-06 Offsets Incomplete - SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,400.00	7,194.05	7,581.33	7,120.23	67.73	25.29	-93.88	-382.07	-5,631.18	2,418.41	2,373.58	44.83	53.941		
11,500.00	7,190.78	7,578.70	7,117.61	69.34	25.27	-93.50	-381.82	-5,631.16	2,319.75	2,274.55	45.20	51.318		
11,600.00	7,187.51	7,576.07	7,114.99	70.95	25.26	-93.11	-381.57	-5,631.14	2,221.21	2,175.59	45.62	48.689		
11,700.00	7,184.25	7,573.43	7,112.37	72.57	25.25	-92.72	-381.32	-5,631.12	2,122.80	2,076.71	46.09	46.057		
11,800.00	7,180.98	7,570.80	7,109.75	74.18	25.23	-92.34	-381.07	-5,631.11	2,024.54	1,977.91	46.63	43.421		
11,900.00	7,177.71	7,568.17	7,107.13	75.80	25.22	-91.95	-380.82	-5,631.09	1,926.46	1,879.22	47.23	40.785		
12,000.00	7,174.45	7,565.54	7,104.52	77.43	25.21	-91.56	-380.57	-5,631.07	1,828.58	1,780.64	47.93	38.150		
12,100.00	7,171.18	7,562.91	7,101.90	79.05	25.20	-91.17	-380.32	-5,631.05	1,730.94	1,682.20	48.73	35.519		
12,200.00	7,167.92	7,560.28	7,099.28	80.68	25.18	-90.78	-380.07	-5,631.03	1,633.58	1,583.92	49.66	32.897		
12,300.00	7,164.65	7,557.66	7,096.66	82.30	25.14	-90.39	-379.82	-5,631.02	1,536.55	1,485.85	50.70	30.306		
12,400.00	7,161.38	7,555.02	7,094.04	83.93	25.14	-90.00	-379.57	-5,631.00	1,439.93	1,387.97	51.96	27.710		
12,500.00	7,158.12	7,552.39	7,091.42	85.56	25.13	-89.61	-379.32	-5,630.98	1,343.80	1,290.35	53.44	25.144		
12,600.00	7,154.85	7,549.76	7,088.81	87.20	25.13	-89.22	-379.07	-5,630.96	1,248.27	1,193.08	55.19	22.617		
12,700.00	7,151.59	7,547.13	7,086.19	88.83	25.13	-88.82	-378.82	-5,630.94	1,153.49	1,096.22	57.27	20.142		
12,800.00	7,148.32	7,544.50	7,083.57	90.47	25.12	-88.43	-378.57	-5,630.93	1,059.66	999.91	59.75	17.734		
12,900.00	7,145.05	7,541.87	7,080.95	92.11	25.12	-88.04	-378.32	-5,630.91	967.07	904.32	62.75	15.411		
13,000.00	7,141.79	7,539.24	7,078.33	93.74	25.12	-87.64	-378.07	-5,630.89	876.10	809.70	66.40	13.195		
13,100.00	7,138.52	7,536.61	7,075.71	95.38	25.11	-87.25	-377.81	-5,630.87	787.31	716.45	70.86	11.111		
13,200.00	7,135.25	7,533.98	7,073.09	97.02	25.11	-86.85	-377.56	-5,630.85	701.53	625.18	76.36	9.188		
13,300.00	7,131.99	7,531.34	7,070.47	98.67	25.11	-86.46	-377.31	-5,630.84	620.02	536.90	83.12	7.459		
13,400.00	7,128.72	7,528.71	7,067.85	100.31	25.10	-86.06	-377.06	-5,630.82	544.70	453.35	91.35	5.963		
13,500.00	7,125.46	7,526.08	7,065.23	101.95	25.10	-85.67	-376.81	-5,630.80	478.49	377.47	101.01	4.737		
13,600.00	7,122.19	7,523.45	7,062.62	103.60	25.10	-85.28	-376.56	-5,630.78	425.66	314.24	111.42	3.820		
13,700.00	7,118.92	7,520.82	7,060.00	105.24	25.09	-84.88	-376.31	-5,630.77	391.68	270.98	120.71	3.245		
13,788.97	7,116.02	7,518.48	7,057.67	106.71	25.09	-84.53	-376.09	-5,630.75	381.45	255.81	125.64	3.036 CC		
13,800.00	7,115.66	7,518.19	7,057.38	106.89	25.09	-84.49	-376.06	-5,630.75	381.61	255.68	125.93	3.030 ES, SF		
13,900.00	7,112.39	7,515.56	7,054.76	108.54	25.08	-84.09	-375.81	-5,630.73	397.27	272.14	125.13	3.175		
14,000.00	7,109.13	7,512.93	7,052.14	110.18	25.08	-83.70	-375.56	-5,630.71	435.90	316.57	119.33	3.653		
14,100.00	7,105.86	7,510.30	7,049.52	111.83	25.08	-83.30	-375.31	-5,630.69	492.12	380.85	111.26	4.423		
14,200.00	7,102.59	7,507.67	7,046.91	113.48	25.07	-82.91	-375.06	-5,630.68	560.66	457.58	103.08	5.439		
14,300.00	7,099.33	7,505.04	7,044.29	115.13	25.07	-82.51	-374.81	-5,630.66	637.56	541.82	95.74	6.659		
14,400.00	7,096.06	7,502.41	7,041.67	116.78	25.07	-82.12	-374.56	-5,630.64	720.15	630.65	89.50	8.046		
14,500.00	7,092.79	7,499.78	7,039.05	118.43	25.06	-81.72	-374.31	-5,630.62	806.68	722.38	84.30	9.569		
14,600.00	7,089.53	7,497.15	7,036.43	120.09	25.06	-81.33	-374.06	-5,630.60	896.01	816.02	79.98	11.202		
14,700.00	7,086.26	7,494.52	7,033.81	121.74	25.06	-80.94	-373.80	-5,630.59	987.38	910.98	76.40	12.925		
14,800.00	7,083.00	7,491.89	7,031.20	123.39	25.05	-80.54	-373.55	-5,630.57	1,080.27	1,006.87	73.40	14.718		
14,900.00	7,079.73	7,489.26	7,028.58	125.05	25.05	-80.15	-373.30	-5,630.55	1,174.33	1,103.45	70.88	16.569		
15,000.00	7,076.46	7,486.63	7,025.96	126.70	25.05	-79.76	-373.05	-5,630.53	1,269.29	1,200.55	68.74	18.465		
15,100.00	7,073.20	7,484.00	7,023.34	128.35	25.04	-79.37	-372.80	-5,630.51	1,364.96	1,298.04	66.92	20.397		
15,200.00	7,069.93	7,481.37	7,020.72	130.01	25.04	-78.97	-372.55	-5,630.50	1,461.21	1,395.86	65.36	22.357		
15,300.00	7,066.67	7,478.74	7,018.11	131.66	25.04	-78.58	-372.30	-5,630.48	1,557.93	1,493.92	64.01	24.338		
15,400.00	7,063.40	7,476.11	7,015.49	133.32	25.03	-78.19	-372.05	-5,630.46	1,655.03	1,592.19	62.85	26.335		
15,500.00	7,060.13	7,473.48	7,012.87	134.98	25.03	-77.80	-371.80	-5,630.44	1,752.46	1,690.63	61.83	28.342		
15,600.00	7,056.87	7,470.85	7,010.25	136.63	25.02	-77.41	-371.55	-5,630.42	1,850.16	1,789.21	60.94	30.358		
15,634.69	7,055.73	7,469.94	7,009.35	137.21	25.02	-77.28	-371.46	-5,630.42	1,884.10	1,823.44	60.66	31.058		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,900.00	7,243.04	7,284.04	7,284.04	44.16	256.34	-99.65	-476.51	-4,197.94	2,497.06	2,221.48	275.59	9.061	
10,000.00	7,239.77	7,280.77	7,280.77	45.68	256.22	-99.27	-476.51	-4,197.94	2,398.98	2,123.20	275.78	8.699	
10,100.00	7,236.50	7,277.50	7,277.50	47.21	256.11	-98.88	-476.51	-4,197.94	2,301.06	2,025.04	276.03	8.336	
10,200.00	7,233.24	7,274.24	7,274.24	48.75	255.99	-98.49	-476.51	-4,197.94	2,203.33	1,927.01	276.32	7.974	
10,300.00	7,229.97	7,270.97	7,270.97	50.30	255.88	-98.10	-476.51	-4,197.94	2,105.80	1,829.13	276.66	7.611	
10,400.00	7,226.71	7,267.71	7,267.71	51.86	255.76	-97.71	-476.51	-4,197.94	2,008.51	1,731.43	277.08	7.249	
10,500.00	7,223.44	7,264.44	7,264.44	53.42	255.65	-97.32	-476.51	-4,197.94	1,911.49	1,633.91	277.57	6.886	
10,600.00	7,220.17	7,261.17	7,261.17	54.99	255.53	-96.93	-476.51	-4,197.94	1,814.79	1,536.63	278.16	6.524	
10,700.00	7,216.91	7,257.91	7,257.91	56.57	255.41	-96.54	-476.51	-4,197.94	1,718.46	1,439.60	278.86	6.163	
10,800.00	7,213.64	7,254.64	7,254.64	58.15	255.30	-96.15	-476.51	-4,197.94	1,622.57	1,342.89	279.68	5.801	
10,900.00	7,210.38	7,251.38	7,251.38	59.74	255.18	-95.75	-476.51	-4,197.94	1,527.20	1,246.54	280.66	5.441	
11,000.00	7,207.11	7,248.11	7,248.11	61.33	255.07	-95.36	-476.51	-4,197.94	1,432.45	1,150.62	281.83	5.083	
11,100.00	7,203.84	7,244.84	7,244.84	62.92	254.95	-94.97	-476.51	-4,197.94	1,338.46	1,055.24	283.22	4.726	
11,200.00	7,200.58	7,241.58	7,241.58	64.52	254.84	-94.57	-476.51	-4,197.94	1,245.40	960.52	284.88	4.372	
11,300.00	7,197.31	7,238.31	7,238.31	66.12	254.72	-94.18	-476.51	-4,197.94	1,153.49	866.62	286.87	4.021	
11,400.00	7,194.05	7,235.05	7,235.05	67.73	254.60	-93.78	-476.51	-4,197.94	1,063.03	773.77	289.26	3.675	
11,500.00	7,190.78	7,231.78	7,231.78	69.34	254.49	-93.39	-476.51	-4,197.94	974.43	682.29	292.14	3.336	
11,600.00	7,187.51	7,228.51	7,228.51	70.95	254.37	-92.99	-476.51	-4,197.94	888.24	592.63	295.61	3.005	
11,700.00	7,184.25	7,225.25	7,225.25	72.57	254.26	-92.59	-476.51	-4,197.94	805.23	505.43	299.80	2.686	
11,800.00	7,180.98	7,221.98	7,221.98	74.18	254.14	-92.20	-476.51	-4,197.94	726.51	421.70	304.81	2.383	
11,900.00	7,177.71	7,218.71	7,218.71	75.80	254.03	-91.80	-476.51	-4,197.94	653.61	342.89	310.71	2.104	
12,000.00	7,174.45	7,215.45	7,215.45	77.43	253.91	-91.40	-476.51	-4,197.94	588.70	271.27	317.43	1.855	
12,100.00	7,171.18	7,212.18	7,212.18	79.05	253.79	-91.01	-476.51	-4,197.94	534.71	210.15	324.56	1.647	
12,200.00	7,167.92	7,208.92	7,208.92	80.68	253.68	-90.61	-476.51	-4,197.94	495.22	164.02	331.20	1.495	Level 3
12,300.00	7,164.65	7,205.65	7,205.65	82.30	253.56	-90.21	-476.51	-4,197.94	473.87	137.91	335.96	1.411	Level 3
12,353.58	7,162.90	7,203.90	7,203.90	83.18	253.50	-90.00	-476.51	-4,197.94	470.83	133.57	337.26	1.396	Level 3, CC, ES, SF
12,400.00	7,161.38	7,202.38	7,202.38	83.93	253.45	-89.82	-476.51	-4,197.94	473.11	135.54	337.57	1.402	Level 3
12,500.00	7,158.12	7,200.88	7,199.12	85.56	253.39	-89.42	-476.51	-4,197.94	493.05	157.20	335.85	1.468	Level 3
12,600.00	7,154.85	7,204.15	7,195.85	87.20	253.51	-89.02	-476.51	-4,197.94	531.36	199.54	331.82	1.601	
12,700.00	7,151.59	7,207.42	7,192.59	88.83	253.63	-88.62	-476.51	-4,197.94	584.43	257.83	326.61	1.789	
12,800.00	7,148.32	7,189.32	7,189.32	90.47	252.98	-88.23	-476.51	-4,197.94	648.66	328.18	320.48	2.024	
12,900.00	7,145.05	7,186.05	7,186.05	92.11	252.87	-87.83	-476.51	-4,197.94	721.07	405.80	315.26	2.287	
13,000.00	7,141.79	7,182.79	7,182.79	93.74	252.75	-87.43	-476.51	-4,197.94	799.43	488.79	310.64	2.574	
13,100.00	7,138.52	7,179.52	7,179.52	95.38	252.64	-87.04	-476.51	-4,197.94	882.17	575.54	306.63	2.877	
13,200.00	7,135.25	7,176.25	7,176.25	97.02	252.52	-86.64	-476.51	-4,197.94	968.17	664.97	303.20	3.193	
13,300.00	7,131.99	7,172.99	7,172.99	98.67	252.41	-86.25	-476.51	-4,197.94	1,056.62	756.37	300.25	3.519	
13,400.00	7,128.72	7,169.72	7,169.72	100.31	252.29	-85.85	-476.51	-4,197.94	1,146.96	849.24	297.72	3.852	
13,500.00	7,125.46	7,166.46	7,166.46	101.95	252.17	-85.46	-476.51	-4,197.94	1,238.77	943.23	295.54	4.192	
13,600.00	7,122.19	7,163.19	7,163.19	103.60	252.06	-85.06	-476.51	-4,197.94	1,331.76	1,038.11	293.65	4.535	
13,700.00	7,118.92	7,159.92	7,159.92	105.24	251.94	-84.67	-476.51	-4,197.94	1,425.69	1,133.69	292.00	4.882	
13,800.00	7,115.66	7,156.66	7,156.66	106.89	251.83	-84.27	-476.51	-4,197.94	1,520.39	1,229.83	290.56	5.233	
13,900.00	7,112.39	7,153.39	7,153.39	108.54	251.71	-83.88	-476.51	-4,197.94	1,615.72	1,326.43	289.29	5.585	
14,000.00	7,109.13	7,150.13	7,150.13	110.18	251.60	-83.49	-476.51	-4,197.94	1,711.57	1,423.41	288.16	5.940	
14,100.00	7,105.86	7,146.86	7,146.86	111.83	251.48	-83.10	-476.51	-4,197.94	1,807.87	1,520.71	287.16	6.296	
14,200.00	7,102.59	7,143.59	7,143.59	113.48	251.36	-82.70	-476.51	-4,197.94	1,904.55	1,618.28	286.27	6.653	
14,300.00	7,099.33	7,140.33	7,140.33	115.13	251.25	-82.31	-476.51	-4,197.94	2,001.55	1,716.08	285.47	7.012	
14,400.00	7,096.06	7,137.06	7,137.06	116.78	251.13	-81.92	-476.51	-4,197.94	2,098.82	1,814.08	284.74	7.371	
14,500.00	7,092.79	7,133.79	7,133.79	118.43	251.02	-81.54	-476.51	-4,197.94	2,196.33	1,912.24	284.09	7.731	
14,600.00	7,089.53	7,130.53	7,130.53	120.09	250.90	-81.15	-476.51	-4,197.94	2,294.06	2,010.56	283.50	8.092	
14,700.00	7,086.26	7,127.26	7,127.26	121.74	250.79	-80.76	-476.51	-4,197.94	2,391.96	2,109.01	282.96	8.453	
14,800.00	7,083.00	7,124.00	7,124.00	123.39	250.67	-80.37	-476.51	-4,197.94	2,490.03	2,207.57	282.46	8.815	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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		
5,000.00	4,936.00	15,644.83	7,156.94	12.89	255.57	108.35	-1,215.05	666.00	2,446.47	2,290.06	156.41	15.641		
5,100.00	5,034.33	15,665.07	7,157.37	13.20	256.16	107.49	-1,215.10	686.23	2,361.10	2,200.56	160.54	14.707		
5,200.00	5,132.67	15,685.30	7,157.80	13.51	256.76	106.63	-1,215.16	706.46	2,276.74	2,111.78	164.95	13.802		
5,300.00	5,231.01	15,705.54	7,158.23	13.82	257.36	105.76	-1,215.21	726.69	2,193.50	2,023.84	169.66	12.929		
5,400.00	5,329.35	15,725.77	7,158.66	14.13	257.95	104.88	-1,215.27	746.93	2,111.53	1,936.83	174.70	12.087		
5,500.00	5,427.69	15,746.01	7,159.09	14.44	258.55	103.99	-1,215.32	767.16	2,030.97	1,850.90	180.07	11.279		
5,600.00	5,526.02	15,766.24	7,159.52	14.76	259.14	103.10	-1,215.38	787.39	1,952.00	1,766.19	185.81	10.505		
5,700.00	5,624.36	15,786.48	7,159.95	15.08	259.74	102.19	-1,215.43	807.62	1,874.82	1,682.90	191.92	9.769		
5,800.00	5,722.70	15,806.71	7,160.39	15.39	260.34	101.28	-1,215.49	827.85	1,799.67	1,601.24	198.42	9.070		
5,900.00	5,821.04	15,826.95	7,160.82	15.71	260.93	100.36	-1,215.54	848.08	1,726.79	1,521.49	205.31	8.411		
6,000.00	5,919.38	15,847.18	7,161.25	16.03	261.53	99.44	-1,215.60	868.31	1,656.50	1,443.94	212.57	7.793		
6,100.00	6,017.72	15,867.42	7,161.68	16.35	262.13	98.51	-1,215.65	888.54	1,589.15	1,368.97	220.18	7.218		
6,200.00	6,116.05	15,887.65	7,162.11	16.68	262.72	97.57	-1,215.71	908.77	1,525.10	1,297.01	228.09	6.686		
6,300.00	6,214.39	15,907.89	7,162.54	17.00	263.32	96.63	-1,215.76	929.00	1,464.81	1,228.59	236.23	6.201		
6,400.00	6,312.73	15,928.12	7,162.97	17.33	263.91	95.69	-1,215.81	949.23	1,408.76	1,164.28	244.47	5.762		
6,500.00	6,411.07	15,948.36	7,163.40	17.65	264.51	94.74	-1,215.87	969.46	1,357.46	1,104.78	252.68	5.372		
6,600.00	6,509.41	15,968.59	7,163.83	17.98	265.11	93.79	-1,215.92	989.69	1,311.48	1,050.83	260.64	5.032		
6,700.00	6,608.03	15,987.02	7,164.22	18.27	265.65	89.91	-1,215.97	1,008.12	1,271.27	1,003.19	268.08	4.742		
6,800.00	6,707.89	16,008.06	7,164.33	18.44	266.27	-84.79	-1,215.99	1,013.04	1,237.17	962.37	274.79	4.502		
6,900.00	6,806.95	15,981.20	7,164.10	18.53	265.48	-91.26	-1,215.96	1,002.29	1,210.51	931.56	278.95	4.340		
7,000.00	6,902.79	15,955.04	7,163.54	18.56	264.71	-92.35	-1,215.89	976.14	1,192.05	910.47	281.58	4.233		
7,100.00	6,993.03	15,914.13	7,162.67	18.55	263.50	-91.72	-1,215.78	935.24	1,181.66	899.48	282.17	4.188 SF		
7,200.00	7,075.46	15,859.46	7,161.51	18.51	261.89	-89.93	-1,215.63	880.59	1,178.32	897.40	280.92	4.195 ES		
7,205.98	7,080.09	15,855.79	7,161.43	18.51	261.78	-89.80	-1,215.62	876.91	1,178.31	897.51	280.79	4.196 CC		
7,300.00	7,148.05	15,807.61	7,160.08	18.49	260.36	-87.41	-1,215.45	813.53	1,180.38	901.69	278.69	4.235		
7,400.00	7,209.00	15,714.56	7,158.42	18.51	257.62	-84.62	-1,215.24	735.72	1,185.81	911.13	274.68	4.317		
7,500.00	7,256.83	15,627.90	7,156.58	18.59	255.07	-81.98	-1,215.00	649.07	1,192.54	921.77	270.77	4.404		
7,600.00	7,290.34	15,534.52	7,154.59	18.76	252.32	-79.88	-1,214.75	555.72	1,198.70	931.73	266.97	4.490		
7,700.00	7,308.73	15,436.75	7,152.51	19.02	249.44	-78.59	-1,214.49	457.97	1,202.87	939.27	263.61	4.563		
7,800.00	7,311.63	15,336.97	7,150.38	19.37	246.50	-78.24	-1,214.22	358.21	1,204.23	943.34	260.89	4.616		
7,900.00	7,308.36	15,236.98	7,148.25	19.85	243.56	-78.30	-1,213.95	258.24	1,204.37	945.83	258.54	4.658		
8,000.00	7,305.09	15,136.98	7,146.13	20.46	240.61	-78.35	-1,213.68	158.27	1,204.51	948.20	256.30	4.700		
8,100.00	7,301.83	15,036.99	7,144.00	21.18	237.67	-78.41	-1,213.41	58.30	1,204.65	950.46	254.19	4.739		
8,200.00	7,298.56	14,937.00	7,141.87	22.01	234.73	-78.47	-1,213.14	-41.67	1,204.79	952.63	252.17	4.778		
8,300.00	7,295.30	14,837.01	7,139.74	22.93	231.78	-78.52	-1,212.87	-141.64	1,204.94	954.70	250.24	4.815		
8,400.00	7,292.03	14,737.01	7,137.61	23.93	228.84	-78.58	-1,212.60	-241.61	1,205.08	956.70	248.38	4.852		
8,500.00	7,288.76	14,637.02	7,135.48	25.01	225.90	-78.64	-1,212.33	-341.58	1,205.23	958.63	246.60	4.887		
8,600.00	7,285.50	14,537.03	7,133.35	26.14	222.96	-78.69	-1,212.06	-441.55	1,205.38	960.50	244.88	4.922		
8,700.00	7,282.23	14,437.03	7,131.22	27.34	220.02	-78.75	-1,211.79	-541.52	1,205.53	962.31	243.22	4.957		
8,800.00	7,278.96	14,337.04	7,129.09	28.58	217.08	-78.81	-1,211.52	-641.49	1,205.68	964.08	241.60	4.990		
8,900.00	7,275.70	14,237.05	7,126.96	29.86	214.14	-78.86	-1,211.25	-741.46	1,205.83	965.81	240.02	5.024		
9,000.00	7,272.43	14,137.06	7,124.83	31.18	211.21	-78.92	-1,210.98	-841.43	1,205.98	967.51	238.47	5.057		
9,100.00	7,269.17	14,037.06	7,122.71	32.54	208.27	-78.98	-1,210.71	-941.39	1,206.14	969.18	236.96	5.090		
9,200.00	7,265.90	13,937.07	7,120.58	33.92	205.33	-79.03	-1,210.44	-1,041.36	1,206.29	970.81	235.48	5.123		
9,300.00	7,262.63	13,837.08	7,118.45	35.33	202.40	-79.09	-1,210.17	-1,141.33	1,206.45	972.43	234.02	5.155		
9,400.00	7,259.37	13,737.08	7,116.32	36.76	199.46	-79.14	-1,209.90	-1,241.30	1,206.61	974.02	232.58	5.188		
9,500.00	7,256.10	13,637.09	7,114.19	38.21	196.53	-79.20	-1,209.63	-1,341.27	1,206.76	975.60	231.16	5.220		
9,600.00	7,252.84	13,537.10	7,112.06	39.67	193.59	-79.26	-1,209.36	-1,441.24	1,206.92	977.16	229.76	5.253		
9,700.00	7,249.57	13,437.11	7,109.93	41.16	190.66	-79.31	-1,209.09	-1,541.21	1,207.08	978.71	228.38	5.285		
9,800.00	7,246.30	13,337.11	7,107.80	42.65	187.73	-79.37	-1,208.82	-1,641.18	1,207.25	980.24	227.01	5.318		
9,900.00	7,243.04	13,237.12	7,105.67	44.16	184.80	-79.43	-1,208.55	-1,741.15	1,207.41	981.76	225.65	5.351		
10,000.00	7,239.77	13,137.13	7,103.54	45.68	181.87	-79.48	-1,208.28	-1,841.12	1,207.57	983.27	224.30	5.384		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design 5N-66W-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		
10,100.00	7,236.50	13,037.14	7,101.42	47.21	178.94	-79.54	-1,208.01	-1,941.09	1,207.74	984.77	222.97	5.417		
10,200.00	7,233.24	12,937.14	7,099.29	48.75	176.02	-79.60	-1,207.74	-2,041.06	1,207.91	986.26	221.64	5.450		
10,300.00	7,229.97	12,837.15	7,097.16	50.30	173.09	-79.65	-1,207.47	-2,141.03	1,208.08	987.75	220.33	5.483		
10,400.00	7,226.71	12,737.16	7,095.03	51.86	170.17	-79.71	-1,207.20	-2,241.00	1,208.24	989.23	219.02	5.517		
10,500.00	7,223.44	12,637.16	7,092.90	53.42	167.24	-79.76	-1,206.93	-2,340.97	1,208.41	990.70	217.72	5.550		
10,600.00	7,220.17	12,537.17	7,090.77	54.99	164.32	-79.82	-1,206.66	-2,440.94	1,208.59	992.17	216.42	5.584		
10,700.00	7,216.91	12,437.18	7,088.64	56.57	161.40	-79.88	-1,206.39	-2,540.91	1,208.76	993.63	215.13	5.619		
10,800.00	7,213.64	12,337.19	7,086.51	58.15	158.48	-79.93	-1,206.12	-2,640.88	1,208.93	995.08	213.85	5.653		
10,900.00	7,210.38	12,237.19	7,084.38	59.74	155.57	-79.99	-1,205.85	-2,740.85	1,209.11	996.53	212.58	5.688		
11,000.00	7,207.11	12,137.20	7,082.25	61.33	152.65	-80.05	-1,205.58	-2,840.82	1,209.28	997.98	211.31	5.723		
11,100.00	7,203.84	12,037.21	7,080.12	62.92	149.74	-80.10	-1,205.31	-2,940.79	1,209.46	999.42	210.04	5.758		
11,200.00	7,200.58	11,937.21	7,078.00	64.52	146.83	-80.16	-1,205.04	-3,040.76	1,209.64	1,000.86	208.78	5.794		
11,300.00	7,197.31	11,837.22	7,075.87	66.12	143.92	-80.21	-1,204.77	-3,140.73	1,209.82	1,002.29	207.53	5.830		
11,400.00	7,194.05	11,737.23	7,073.74	67.73	141.01	-80.27	-1,204.50	-3,240.70	1,210.00	1,003.72	206.28	5.866		
11,500.00	7,190.78	11,637.24	7,071.61	69.34	138.11	-80.33	-1,204.23	-3,340.67	1,210.18	1,005.15	205.03	5.902		
11,600.00	7,187.51	11,537.24	7,069.48	70.95	135.21	-80.38	-1,203.96	-3,440.64	1,210.36	1,006.57	203.79	5.939		
11,700.00	7,184.25	11,437.25	7,067.35	72.57	132.31	-80.44	-1,203.69	-3,540.61	1,210.55	1,007.99	202.56	5.976		
11,800.00	7,180.98	11,337.26	7,065.22	74.18	129.42	-80.49	-1,203.42	-3,640.58	1,210.73	1,009.41	201.33	6.014		
11,900.00	7,177.71	11,237.26	7,063.09	75.80	126.52	-80.55	-1,203.15	-3,740.55	1,210.92	1,010.82	200.10	6.051		
12,000.00	7,174.45	11,137.27	7,060.96	77.43	123.63	-80.61	-1,202.88	-3,840.52	1,211.11	1,012.23	198.88	6.090		
12,100.00	7,171.18	11,037.28	7,058.83	79.05	120.75	-80.66	-1,202.61	-3,940.49	1,211.30	1,013.63	197.67	6.128		
12,200.00	7,167.92	10,937.29	7,056.70	80.68	117.87	-80.72	-1,202.34	-4,040.46	1,211.49	1,015.03	196.46	6.167		
12,300.00	7,164.65	10,837.29	7,054.58	82.30	114.99	-80.77	-1,202.07	-4,140.43	1,211.68	1,016.43	195.25	6.206		
12,400.00	7,161.38	10,737.30	7,052.45	83.93	112.12	-80.83	-1,201.80	-4,240.40	1,211.87	1,017.82	194.05	6.245		
12,500.00	7,158.12	10,637.31	7,050.32	85.56	109.25	-80.89	-1,201.53	-4,340.37	1,212.06	1,019.21	192.86	6.285		
12,600.00	7,154.85	10,537.31	7,048.19	87.20	106.39	-80.94	-1,201.26	-4,440.34	1,212.26	1,020.59	191.67	6.325		
12,700.00	7,151.59	10,437.32	7,046.06	88.83	103.53	-81.00	-1,200.99	-4,540.31	1,212.46	1,021.97	190.49	6.365		
12,800.00	7,148.32	10,337.33	7,043.93	90.47	100.68	-81.05	-1,200.72	-4,640.28	1,212.65	1,023.34	189.32	6.405		
12,900.00	7,145.05	10,237.34	7,041.80	92.11	97.83	-81.11	-1,200.45	-4,740.25	1,212.85	1,024.70	188.15	6.446		
13,000.00	7,141.79	10,137.34	7,039.67	93.74	95.00	-81.17	-1,200.18	-4,840.22	1,213.05	1,026.06	186.99	6.487		
13,100.00	7,138.52	10,037.35	7,037.54	95.38	92.17	-81.22	-1,199.91	-4,940.19	1,213.25	1,027.41	185.84	6.529		
13,200.00	7,135.25	9,937.36	7,035.41	97.02	89.35	-81.28	-1,199.64	-5,040.16	1,213.45	1,028.76	184.70	6.570		
13,300.00	7,131.99	9,837.37	7,033.29	98.67	86.54	-81.33	-1,199.37	-5,140.13	1,213.65	1,030.09	183.56	6.612		
13,400.00	7,128.72	9,737.37	7,031.16	100.31	83.74	-81.39	-1,199.10	-5,240.10	1,213.86	1,031.42	182.44	6.653		
13,500.00	7,125.46	9,637.38	7,029.03	101.95	80.95	-81.44	-1,198.83	-5,340.07	1,214.06	1,032.73	181.33	6.695		
13,600.00	7,122.19	9,537.39	7,026.90	103.60	78.18	-81.50	-1,198.56	-5,440.04	1,214.27	1,034.03	180.24	6.737		
13,700.00	7,118.92	9,437.39	7,024.77	105.24	75.42	-81.56	-1,198.29	-5,540.00	1,214.48	1,035.32	179.16	6.779		
13,800.00	7,115.66	9,337.40	7,022.64	106.89	72.68	-81.61	-1,198.02	-5,639.97	1,214.69	1,036.60	178.09	6.821		
13,900.00	7,112.39	9,237.41	7,020.51	108.54	69.96	-81.67	-1,197.75	-5,739.94	1,214.90	1,037.85	177.04	6.862		
14,000.00	7,109.13	9,137.42	7,018.38	110.18	67.26	-81.72	-1,197.48	-5,839.91	1,215.11	1,039.09	176.01	6.904		
14,100.00	7,105.86	9,037.42	7,016.25	111.83	64.58	-81.78	-1,197.21	-5,939.88	1,215.32	1,040.31	175.01	6.944		
14,200.00	7,102.59	8,937.43	7,014.12	113.48	61.93	-81.83	-1,196.94	-6,039.85	1,215.53	1,041.50	174.03	6.985		
14,300.00	7,099.33	8,837.44	7,011.99	115.13	59.31	-81.89	-1,196.67	-6,139.82	1,215.75	1,042.67	173.07	7.024		
14,400.00	7,096.06	8,737.44	7,009.87	116.78	56.73	-81.95	-1,196.40	-6,239.79	1,215.96	1,043.81	172.15	7.063		
14,500.00	7,092.79	8,637.45	7,007.74	118.43	54.19	-82.00	-1,196.13	-6,339.76	1,216.18	1,044.90	171.27	7.101		
14,600.00	7,089.53	8,537.46	7,005.61	120.09	51.70	-82.06	-1,195.86	-6,439.73	1,216.39	1,045.96	170.43	7.137		
14,700.00	7,086.26	8,437.47	7,003.48	121.74	49.26	-82.11	-1,195.59	-6,539.70	1,216.61	1,046.97	169.64	7.172		
14,800.00	7,083.00	8,337.47	7,001.35	123.39	46.90	-82.17	-1,195.32	-6,639.67	1,216.83	1,047.92	168.91	7.204		
14,900.00	7,079.73	8,237.48	6,999.22	125.05	44.61	-82.22	-1,195.05	-6,739.64	1,217.05	1,048.81	168.25	7.234		
15,000.00	7,076.46	8,137.49	6,997.09	126.70	42.42	-82.28	-1,194.78	-6,839.61	1,217.28	1,049.62	167.66	7.260		
15,100.00	7,073.20	8,037.49	6,994.96	128.35	40.35	-82.33	-1,194.51	-6,939.58	1,217.50	1,050.34	167.16	7.283		
15,200.00	7,069.93	7,937.50	6,992.83	130.01	38.41	-82.39	-1,194.24	-7,039.55	1,217.72	1,050.95	166.78	7.301		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-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	
15,300.00	7,066.67	7,837.51	6,990.70	131.66	36.63	-82.44	-1,193.97	-7,139.52	1,217.95	1,051.43	166.52	7.314	
15,400.00	7,063.40	7,737.52	6,988.58	133.32	35.04	-82.50	-1,193.70	-7,239.49	1,218.18	1,051.77	166.40	7.321	
15,500.00	7,060.13	7,637.52	6,986.45	134.98	33.65	-82.56	-1,193.43	-7,339.46	1,218.40	1,051.95	166.45	7.320	
15,600.00	7,056.87	7,567.17	6,983.07	136.63	32.80	-82.51	-1,193.60	-7,409.71	1,219.59	1,052.76	166.83	7.310	
15,634.69	7,055.73	7,550.00	6,981.17	137.21	32.60	-82.45	-1,193.84	-7,426.77	1,220.72	1,053.75	166.96	7.311	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 25-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,900.00	5,821.04	6,563.98	6,084.89	15.71	52.21	36.55	-1,526.01	2,833.19	2,475.98	2,410.01	65.97	37.530	
6,000.00	5,919.38	6,735.40	6,240.13	16.03	53.84	35.26	-1,458.77	2,860.84	2,450.12	2,382.28	67.84	36.116	
6,100.00	6,017.72	6,862.15	6,355.03	16.35	55.02	34.31	-1,407.87	2,877.26	2,421.34	2,352.04	69.30	34.941	
6,200.00	6,116.05	6,903.02	6,392.42	16.68	55.37	34.02	-1,392.18	2,882.36	2,393.59	2,323.48	70.11	34.138	
6,300.00	6,214.39	6,952.00	6,437.46	17.00	55.80	33.67	-1,374.16	2,889.13	2,368.05	2,297.08	70.97	33.368	
6,400.00	6,312.73	7,002.49	6,484.22	17.33	56.21	33.33	-1,356.60	2,896.50	2,344.52	2,272.73	71.79	32.659	
6,500.00	6,411.07	7,046.00	6,524.86	17.65	56.56	33.05	-1,342.40	2,902.85	2,322.83	2,250.29	72.53	32.025	
6,600.00	6,509.41	7,106.00	6,581.14	17.98	57.02	32.67	-1,323.99	2,912.48	2,303.34	2,229.98	73.36	31.397	
6,700.00	6,608.03	7,140.00	6,613.07	18.27	57.29	30.94	-1,314.08	2,918.69	2,287.83	2,213.89	73.94	30.941	
6,754.79	6,662.69	7,140.00	6,613.07	18.36	57.29	19.20	-1,314.08	2,918.69	2,285.21	2,211.18	74.03	30.870 CC, ES, SF	
6,800.00	6,707.89	7,140.00	6,613.07	18.44	57.29	-140.30	-1,314.08	2,918.69	2,286.99	2,212.92	74.08	30.874	
6,900.00	6,806.95	7,140.00	6,613.07	18.53	57.29	-143.95	-1,314.08	2,918.69	2,303.46	2,229.40	74.06	31.103	
7,000.00	6,902.79	7,140.00	6,613.07	18.56	57.29	-142.73	-1,314.08	2,918.69	2,336.46	2,262.54	73.92	31.608	
7,100.00	6,993.03	7,188.79	6,658.16	18.55	57.72	-140.84	-1,300.46	2,931.24	2,381.02	2,306.68	74.34	32.028	
7,200.00	7,075.46	7,235.00	6,699.03	18.51	58.13	-137.66	-1,288.29	2,948.97	2,443.06	2,368.34	74.72	32.696	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Offset Depths are relative to Offset Datum

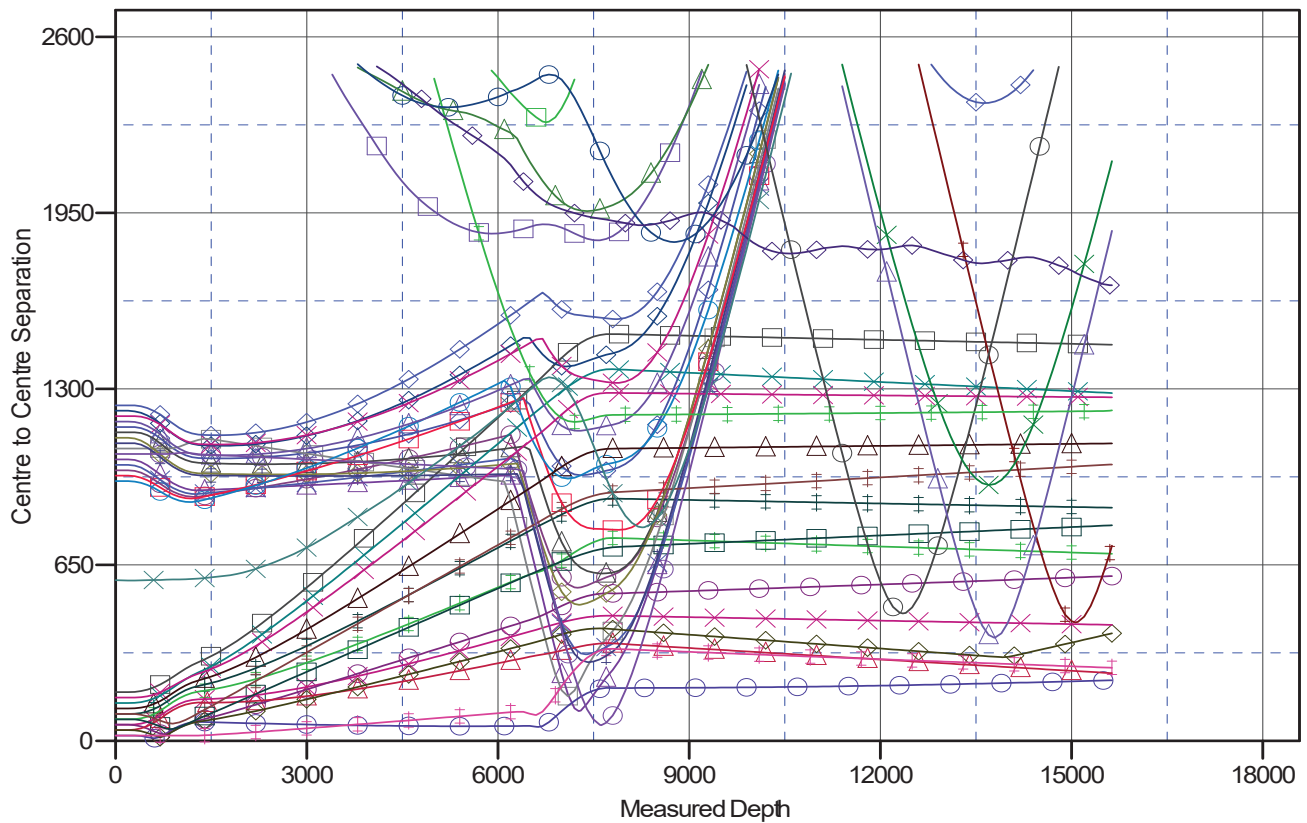
Central Meridian is -105.500000

Coordinates are relative to: VOLT 13C-6-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

Ladder Plot



LEGEND

TCMOISERHLL 2-9-11, XOG PRWell, Actual Survey V0	VOLT33NECM, Wellbore#1, Design#1V0	VOLT12NECM, Wellbore#1, Design#1V0
VOLT36NBBL, Wellbore#1, Design#1V0	VOLT23NBBL, Wellbore#1, Design#1V0	VOLT33NEAM, Wellbore#1, Design#1V0
VOLT11NBCL, Wellbore#1, Design#1V0	VOLT32NBAM, Wellbore#1, Design#1V0	BRANDOND1, PDCSWWell, Actual MS Energy Survey V0
VOLT33OB-M, Wellbore#1, Design#1V0	VOLT23NBCL, Wellbore#1, Design#1V0	WLKEN 55-6, PDCSWWell, No Survey V0
VOLT14NBBL, Wellbore#1, Design#1V0	VOLT36CG-L, Wellbore#1, Design#1V0	SOUTH6 22D, SRCPBAWell, Actual VBS Survey V0
VOLT12NBAM, Wellbore#1, Design#1V0	VOLT36NBL, Wellbore#1, Design#1V0	SOUTH6 24D, SRCPBAWell, VES Gyro Survey V0
VOLT23NBAL, Wellbore#1, Design#1V0	VOLT11NBBL, Wellbore#1, Design#1V0	SOUTH6 23D, SRCPBAWell, Actual VBS Survey V0
VOLT12NB6M, Wellbore#1, Design#1V0	VOLT34NBAL, Wellbore#1, Design#1V0	BOSTFARM05N88-L, Wellbore#1, Design#1V0
VOLT11CG-L, Wellbore#1, Design#1V0	VOLT34NECM, Wellbore#1, Design#1V0	WEDMAN25-5, Noble Energy PRWell, Actual Coretech Survey (Grid to True) V0
VOLT13NB6M, Wellbore#1, Design#1V0	VOLT34CG-M, Wellbore#1, Design#1V0	BOOMERANG28C-3-L, SRC Energy PRWell, Actual BHS Survey V0
VOLT32NB6M, Wellbore#1, Design#1V0	VOLT14CG-L, Wellbore#1, Design#1V0	WEDMAN22-5, Noble Energy PRWell, Actual Coretech Survey (Grid to True) V0
VOLT25NBCL, Wellbore#1, Design#1V0	VOLT25NBL, Wellbore#1, Design#1V0	BOOMERANG34N6C-M, SRC PRWell, Actual BHS Survey V0
VOLT34NB6M, Wellbore#1, Design#1V0	VOLT25CG-L, Wellbore#1, Design#1V0	PSCJ541.1, Noble Energy SWWell, Actual VES Survey (Grid to True) V0
VOLT14NBCL, Wellbore#1, Design#1V0	VOLT32OB-M, Wellbore#1, Design#1V0	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 13C-6-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 13C-6-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

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

Offset Depths are relative to Offset Datum

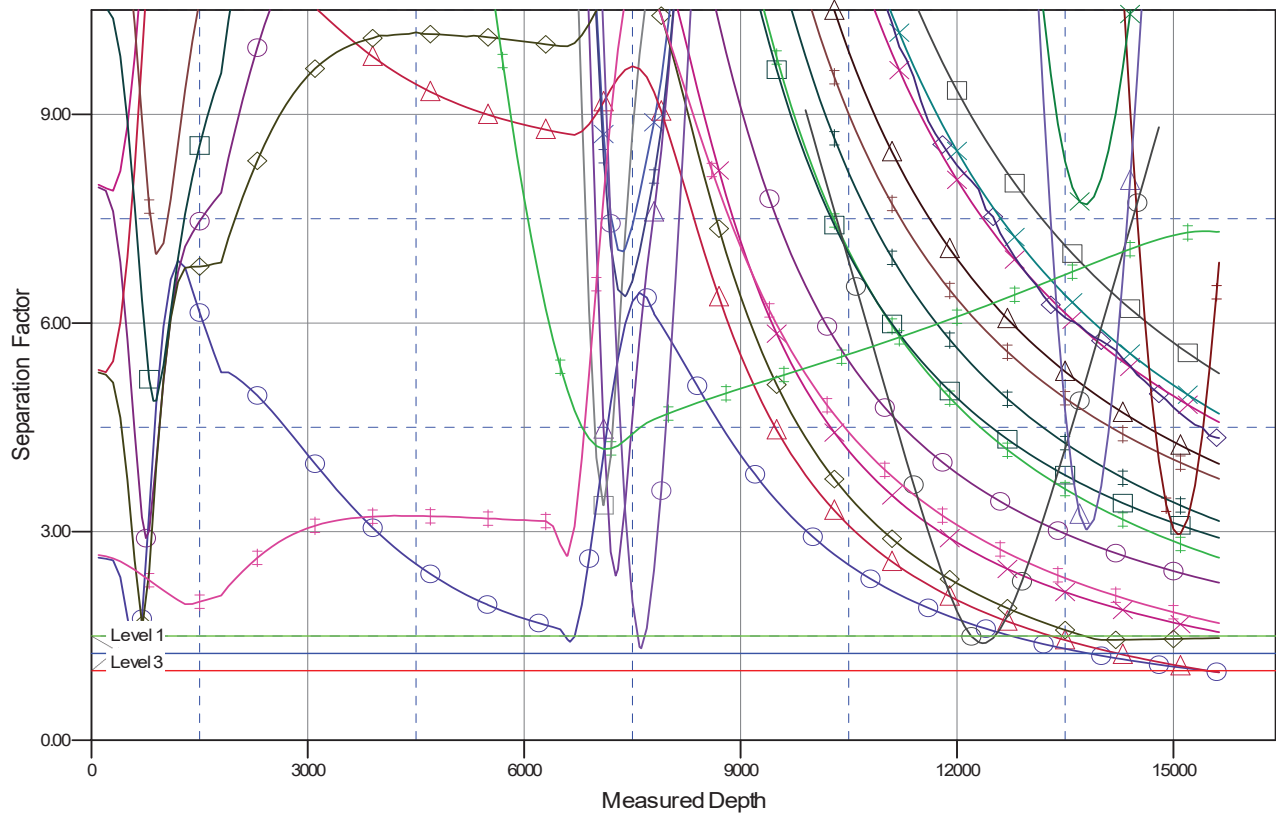
Central Meridian is -105.500000

Coordinates are relative to: VOLT 13C-6-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

Separation Factor Plot



LEGEND

TCMOISERHLL 2-9-11,XOG PRWell,Actual SurveysV0	VOLT 33NECM,Wellbore#1,Design#1V0	VOLT 12NECM,Wellbore#1,Design#1V0
VOLT 36NB8L,Wellbore#1,Design#1V0	VOLT 23NB8L,Wellbore#1,Design#1V0	VOLT 33NEAM,Wellbore#1,Design#1V0
VOLT 11NBCL,Wellbore#1,Design#1V0	VOLT 32NBAM,Wellbore#1,Design#1V0	BRANDOND1_PDCSWel,Actual MS Energy SurveysV0
VOLT 33O6-M,Wellbore#1,Design#1V0	VOLT 23NBCL,Wellbore#1,Design#1V0	WILKEN 55-6_PDCSWel, No SurveysV0
VOLT 14NB8L,Wellbore#1,Design#1V0	VOLT 36C3-L,Wellbore#1,Design#1V0	SOUTH6 22D,SRC P8A Well, Actual VBS SurveysV0
VOLT 12NBAM,Wellbore#1,Design#1V0	VOLT 36NBAL,Wellbore#1,Design#1V0	SOUTH6 24D,SRC P8A Well, VES Gyro SurveysV0
VOLT 23NBAL,Wellbore#1,Design#1V0	VOLT 11NB8L,Wellbore#1,Design#1V0	SOUTH6 23D,SRC P8A Well, Actual VBS SurveysV0
VOLT 12NB6M,Wellbore#1,Design#1V0	VOLT 13NECM,Wellbore#1,Design#1V0	BOSTFARM6SN88L,Wellbore#1,Design#1V0
VOLT 11C3-L,Wellbore#1,Design#1V0	VOLT 34O6-M,Wellbore#1,Design#1V0	WEDMAN25-5,Noble Energy PRWell,Actual Coretech Surveys (Grid to True)V0
VOLT 13NB6M,Wellbore#1,Design#1V0	VOLT 14C3-L,Wellbore#1,Design#1V0	BOOMERANG28C-3-L,SRC Energy PRWell,Actual BH SurveysV0
VOLT 32NB6M,Wellbore#1,Design#1V0	VOLT 25NBAL,Wellbore#1,Design#1V0	WEDMAN25-5,Noble Energy PRWell,Actual Coretech Surveys (Grid to True)V0
VOLT 25NBCL,Wellbore#1,Design#1V0	VOLT 23C3-L,Wellbore#1,Design#1V0	BOOMERANG34N-6C-M,SRC PRWell,Actual BH SurveysV0
VOLT 34NB6M,Wellbore#1,Design#1V0		PDCJ5411,Noble Energy SWWell,Actual VBS Surveys (Grid to True)V0
VOLT 14NBCL,Wellbore#1,Design#1V0		