

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)**

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

**VOLT 34N-6B-M**

**Wellbore #1**

**Design #1**

## **Anticollision Report**

**18 November, 2018**

# Hewlett-Packard

## Anticollision Report

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

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

<b>Survey Tool Program</b>	<b>Date</b>	11/18/2018		
<b>From (usft)</b>	<b>To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	15,392.03	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

<b>Summary</b>						
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	6,900.00	7,744.16	2,481.03	2,438.49	58.326	SF
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	7,189.88	7,585.21	2,466.64	2,426.79	61.899	CC, ES
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,353.35	15,570.00	2,273.82	1,887.65	5.888	CC
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	15,392.03	15,570.00	2,274.15	1,887.59	5.883	ES, SF
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	195.06	178.06	602.78	595.39	81.603	CC
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	200.00	182.63	602.78	595.39	81.576	ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	8,400.00	7,037.51	1,348.85	1,307.89	32.928	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	8,510.89	7,368.75	2,364.68	2,315.84	48.414	CC, ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	9,300.00	7,337.62	2,492.68	2,435.16	43.340	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	5,584.88	6,035.24	2,260.13	2,223.57	61.806	CC
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	5,600.00	6,043.43	2,260.16	2,223.55	61.732	ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	8,100.00	7,453.84	2,488.83	2,439.92	50.883	SF
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	1,495.11	1,697.16	1,072.13	1,059.78	86.816	CC
VOLT 11C-3-L - Wellbore #1 - Design #1	1,600.00	1,800.60	1,072.27	1,059.33	82.860	ES
VOLT 11C-3-L - Wellbore #1 - Design #1	7,100.00	7,840.42	1,166.33	1,121.09	25.783	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	1,271.05	1,489.48	1,106.24	1,094.63	95.262	CC
VOLT 11N-3B-L - Wellbore #1 - Design #1	1,400.00	1,614.47	1,106.70	1,094.30	89.239	ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	6,900.00	7,814.83	1,653.68	1,605.76	34.508	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	1,252.54	1,462.95	1,093.19	1,081.88	96.636	CC
VOLT 11N-3C-L - Wellbore #1 - Design #1	1,400.00	1,606.70	1,093.69	1,081.52	89.888	ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	7,000.00	7,886.63	1,497.39	1,449.92	31.543	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	645.96	628.47	134.05	125.83	16.309	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	15,392.03	15,366.56	1,235.04	960.70	4.502	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	686.31	666.18	152.14	143.81	18.279	CC
VOLT 12N-6B-M - Wellbore #1 - Design #1	700.00	679.06	152.15	143.80	18.206	ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	15,392.03	15,543.57	1,432.36	1,156.87	5.199	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	717.86	694.61	169.88	161.47	20.197	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	15,392.03	15,649.32	1,683.29	1,407.57	6.105	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	760.70	757.20	25.16	16.50	2.905	CC, ES
VOLT 13C-6-M - Wellbore #1 - Design #1	15,392.03	15,629.89	608.72	340.09	2.266	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	710.20	705.00	30.22	21.81	3.596	CC, ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	15,392.03	15,432.45	424.62	150.95	1.552	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	725.13	722.72	14.44	5.95	1.700	CC
VOLT 13N-6C-M - Wellbore #1 - Design #1	15,389.77	15,486.92	212.55	-50.50	0.808	Level 1, ES, SF

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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 14C-3-L - Wellbore #1 - Design #1	7,709.76	7,265.09	565.26	523.86	13.656	CC, ES, SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,300.00	7,534.19	395.32	352.12	9.150	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	7,397.71	7,444.19	392.66	350.03	9.211	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	7,574.75	7,355.52	190.81	149.32	4.598	CC, ES, SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	7,084.58	7,603.99	658.29	611.54	14.083	CC, ES, SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,100.00	7,680.97	1,009.76	964.19	22.158	SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,300.00	7,488.20	1,003.03	959.10	22.832	ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	7,381.32	7,411.16	1,002.49	959.22	23.167	CC
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,200.00	7,631.46	807.57	763.78	18.444	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	7,629.94	7,240.46	776.69	735.25	18.742	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	200.00	203.00	1,139.81	1,132.24	150.472	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	8,100.00	6,945.95	1,816.32	1,771.92	40.907	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	1,300.57	1,535.42	1,143.78	1,131.69	94.597	CC
VOLT 25N-3A-L - Wellbore #1 - Design #1	1,400.00	1,630.70	1,144.14	1,131.38	89.709	ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	6,800.00	7,752.92	1,871.58	1,822.33	38.008	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	200.00	203.00	1,179.63	1,172.05	155.728	CC
VOLT 25N-3C-L - Wellbore #1 - Design #1	1,400.00	1,634.72	1,182.44	1,169.73	93.045	ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	8,300.00	6,829.16	2,082.42	2,036.32	45.172	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	807.59	779.26	199.01	190.32	22.903	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	15,392.03	15,762.56	1,866.78	1,591.35	6.778	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	722.94	697.22	190.42	181.98	22.584	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	15,392.03	15,517.27	1,845.95	1,569.84	6.685	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	741.61	710.95	230.67	222.18	27.172	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	15,392.03	15,680.73	2,044.29	1,767.44	7.384	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	607.27	593.21	115.34	107.21	14.191	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	15,392.03	15,657.65	1,030.51	757.86	3.780	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	850.72	845.30	33.56	24.59	3.738	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	15,392.03	15,301.48	644.35	373.83	2.382	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	200.00	200.00	99.95	92.38	13.197	CC
VOLT 33N-6C-M - Wellbore #1 - Design #1	300.00	296.74	100.00	92.34	13.065	ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	15,392.03	15,533.36	815.07	540.82	2.972	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	200.00	200.00	20.05	12.47	2.647	CC, ES
VOLT 34C-6-M - Wellbore #1 - Design #1	15,392.03	15,583.06	254.58	18.19	1.077	Level 2, SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	200.00	200.00	40.09	32.52	5.294	CC, ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	15,392.03	15,470.34	418.91	146.61	1.538	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	7,829.10	7,228.54	249.62	208.44	6.061	CC, ES, SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	7,200.00	7,630.69	473.76	428.92	10.566	SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	7,260.43	7,579.44	472.71	428.33	10.651	CC, ES
VOLT 36N-3B-L - Wellbore #1 - Design #1	7,463.53	7,432.96	61.31	18.96	1.448	Level 3, CC, ES, SF
5N-66W-06 Offsets Incomplete						
BRANDONDI 1 - PDC SI Well - Actual MS Energy Surve	14,827.70	6,976.65	141.61	-3.94	0.973	Level 1, CC, ES, SF
SOUTH 6-21D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-22D - SRCI P&A Well - Actual VES Surveys						Out of range
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,462.12	7,096.09	1,518.70	1,397.87	12.569	CC
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,500.00	7,095.65	1,519.17	1,397.82	12.519	ES
SOUTH 6-23D - SRCI P&A Well - Actual VES Surveys	13,600.00	7,094.50	1,524.94	1,402.52	12.456	SF
SOUTH 6-24D - SRCI P&A Well - VES Gyro Surveys	13,551.56	7,419.79	202.97	78.22	1.627	CC, ES, SF
WILKEN 15-6 - PDC SI Well - No Surveys	12,119.94	7,039.36	86.15	-244.42	0.261	Level 1, CC, ES, SF

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	7,300.00	15,587.53	677.98	405.27	2.486	SF
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,400.00	15,504.61	674.19	403.94	2.495	ES
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	15,307.74	7,595.57	617.89	450.89	3.700	CC
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	6,612.04	7,021.47	2,114.14	2,040.95	28.884	CC, ES
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	6,700.00	7,065.93	2,120.58	2,046.90	28.782	SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	6,634.46	6,979.96	2,301.83	2,230.84	32.428	CC, ES
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	6,800.00	7,091.11	2,321.97	2,249.73	32.142	SF
5N-67W-01 Offsets Incomplete						
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	14,988.17	6,716.95	2,471.53	2,323.21	16.663	CC
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,000.00	6,718.43	2,471.56	2,323.06	16.644	ES
Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI	15,300.00	6,785.38	2,490.55	2,338.35	16.364	SF
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,057.63	6,785.02	2,277.89	2,128.58	15.256	CC
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,100.00	6,803.84	2,278.21	2,128.17	15.185	ES
Bluff Federal 32N-2C-L - SRC Energy Planned Well - BH	15,392.03	7,017.98	2,294.38	2,139.14	14.780	SF
Bluff Federal 5N-2B-L - SRC Energy Planned Well - BHI						Out of range
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,126.44	7,090.39	322.50	174.41	2.178	CC, ES
GREELEY-ROTHER 34C-2-L - SRC Energy PR Well - Act	15,200.00	7,140.27	327.15	176.76	2.175	SF
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,364.12	7,221.85	201.60	46.82	1.302	Level 3, CC
GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - A	15,392.03	7,250.02	201.72	45.84	1.294	Level 3, ES, SF
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,156.31	7,099.52	1,116.02	965.66	7.422	CC, ES
GREELEY-ROTHER FEDERAL 12C-2-L - SRC Energy PR	15,300.00	7,175.65	1,122.20	969.89	7.368	SF
GREELEY-ROTHER FEDERAL 12N-2A-L - SRC Energy P	15,392.03	7,273.00	1,333.51	1,176.34	8.485	CC, ES, SF
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,000.12	6,708.00	1,537.16	1,392.56	10.630	CC, ES
GREELEY-ROTHER FEDERAL 12N-2C-L - SRC Energy P	15,200.00	6,730.93	1,549.80	1,403.20	10.571	SF
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,293.97	7,260.54	502.79	351.32	3.320	CC
GREELEY-ROTHER FEDERAL 13C-2-L - SRC Energy PR	15,300.00	7,264.87	502.80	351.31	3.319	ES, SF
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,392.03	7,206.73	277.63	122.93	1.795	CC, ES, SF
GREELEY-ROTHER FEDERAL 13N-2B-L - SRC Energy P	15,392.03	7,289.34	83.40	-59.04	0.586	Level 1, CC, ES, SF
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	14,989.36	6,713.00	1,917.00	1,770.87	13.118	CC
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,000.00	6,713.00	1,917.03	1,770.76	13.106	ES
GREELEY-ROTHER FEDERAL 32C-2-L - SRC Energy PR	15,200.00	6,677.05	1,927.46	1,779.87	13.060	SF
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,038.47	6,865.60	1,730.80	1,582.70	11.687	CC, ES
GREELEY-ROTHER FEDERAL 32N-2B-L - SRC Energy P	15,200.00	6,899.00	1,737.88	1,587.83	11.582	SF
GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy P	15,306.37	7,078.94	718.14	565.92	4.718	CC
GREELEY-ROTHER FEDERAL 33N-2B-L - SRC Energy P	15,392.03	7,154.61	719.19	564.30	4.643	ES, SF
GREELEY-ROTHER FEDERAL 33N-2C-L - SRC Energy P	15,392.03	7,366.00	897.05	740.70	5.738	CC, ES, SF
HERTZKE 1-33 - SRC Energy SI Well - No Surveys						Out of range

Offset Design												
5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												
Reference Offset Semi Major Axis												
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor
6,800.00	6,689.68	7,755.15	7,259.69	18.97	24.49	106.94	1,915.46	967.65	2,493.96	2,451.35	42.61	58.536
6,900.00	6,780.96	7,744.16	7,258.96	18.98	24.27	103.63	1,915.52	956.69	2,481.03	2,438.49	42.54	58.326 SF
7,000.00	6,864.89	7,693.90	7,255.23	18.95	23.38	101.22	1,916.30	906.58	2,472.57	2,430.90	41.66	59.346
7,100.00	6,939.42	7,637.36	7,248.66	18.90	22.46	99.30	1,917.56	850.44	2,467.92	2,427.27	40.65	60.713
7,189.88	6,996.86	7,585.21	7,239.12	18.87	21.76	97.76	1,919.24	799.22	2,466.64	2,426.79	39.85	61.899 CC, ES

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
5N-66W-05 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,200.00	7,002.70	7,579.47	7,237.80	18.86	21.69	97.59	1,919.47	793.64	2,466.66	2,426.90	39.76	62.037	
7,300.00	7,053.18	7,521.75	7,221.63	18.85	21.13	95.95	1,922.13	738.30	2,468.42	2,429.43	39.00	63.300	
7,400.00	7,089.61	7,460.87	7,200.12	18.89	20.78	94.30	1,925.54	681.48	2,472.71	2,434.35	38.36	64.458	
7,500.00	7,111.10	7,389.07	7,169.09	19.02	20.56	92.55	1,930.07	616.91	2,478.82	2,440.97	37.85	65.485	
7,600.00	7,117.12	7,358.00	7,153.69	19.24	20.50	91.40	1,932.11	590.01	2,486.40	2,448.47	37.92	65.567	
7,700.00	7,114.51	7,302.33	7,123.13	19.62	20.39	90.68	1,936.58	543.72	2,495.77	2,457.80	37.98	65.715	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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		
6,400.00	6,296.55	7,106.21	6,912.40	18.31	21.72	-117.06	1,935.14	1,019.04	2,492.93	2,456.46	36.47	68.359		
6,500.00	6,394.83	7,129.53	6,926.81	18.63	21.72	-122.02	1,931.50	1,001.06	2,476.89	2,440.01	36.88	67.162		
6,600.00	6,494.21	7,154.64	6,941.77	18.81	21.72	166.99	1,928.01	981.21	2,464.10	2,426.92	37.18	66.277		
6,700.00	6,593.31	7,186.23	6,959.73	18.92	21.71	114.96	1,924.22	955.50	2,454.47	2,417.02	37.44	65.553		
6,800.00	6,689.68	7,240.21	6,987.55	18.97	21.69	103.60	1,918.66	909.60	2,447.52	2,409.70	37.82	64.716		
6,900.00	6,780.96	7,379.83	7,041.07	18.98	21.64	97.65	1,905.55	781.58	2,442.09	2,403.10	39.00	62.625		
7,000.00	6,864.89	7,458.03	7,061.57	18.95	21.65	94.78	1,897.66	706.54	2,436.39	2,396.44	39.95	60.987		
7,100.00	6,939.42	7,536.17	7,076.14	18.90	22.23	92.85	1,890.17	630.17	2,431.48	2,390.35	41.14	59.109		
7,200.00	7,002.70	7,591.14	7,081.84	18.86	23.17	91.71	1,885.41	575.71	2,427.39	2,385.33	42.06	57.709		
7,300.00	7,053.18	7,646.00	7,082.36	18.85	24.19	90.82	1,881.74	521.00	2,424.59	2,381.47	43.12	56.234		
7,400.00	7,089.61	7,714.14	7,079.73	18.89	25.58	90.07	1,878.08	453.02	2,422.48	2,377.87	44.61	54.305		
7,500.00	7,111.10	7,791.91	7,076.69	19.02	27.24	89.65	1,874.37	375.39	2,420.15	2,373.67	46.48	52.065		
7,600.00	7,117.12	7,869.32	7,073.68	19.24	28.98	89.66	1,871.36	298.10	2,417.42	2,368.87	48.55	49.794		
7,700.00	7,114.51	7,993.60	7,068.89	19.62	31.90	89.64	1,867.22	173.98	2,414.66	2,362.72	51.93	46.496		
7,800.00	7,111.88	8,086.06	7,065.38	20.15	34.15	89.62	1,862.84	81.69	2,410.37	2,355.58	54.79	43.996		
7,900.00	7,109.26	8,140.82	7,063.27	20.84	35.52	89.60	1,860.95	27.01	2,407.45	2,350.61	56.85	42.350		
7,978.12	7,107.20	8,174.59	7,062.01	21.47	36.37	89.59	1,860.50	-6.74	2,406.73	2,348.43	58.30	41.280		
8,000.00	7,106.63	8,184.05	7,061.66	21.65	36.61	89.59	1,860.49	-16.19	2,406.79	2,348.08	58.71	40.996		
8,100.00	7,104.00	8,233.92	7,059.85	22.56	37.89	89.58	1,861.14	-66.02	2,408.43	2,347.60	60.82	39.597		
8,200.00	7,101.37	8,302.00	7,057.28	23.57	39.65	89.56	1,863.29	-134.02	2,411.90	2,348.39	63.52	37.972		
8,300.00	7,098.74	8,354.95	7,055.35	24.65	41.04	89.55	1,865.83	-186.87	2,416.97	2,351.10	65.87	36.694		
8,400.00	7,096.12	8,425.85	7,053.11	25.79	42.91	89.54	1,870.23	-257.60	2,423.53	2,354.74	68.79	35.230		
8,500.00	7,093.49	8,508.54	7,050.52	26.99	45.12	89.53	1,875.96	-340.04	2,430.89	2,358.76	72.14	33.699		
8,600.00	7,090.86	8,583.28	7,048.27	28.24	47.13	89.52	1,881.84	-414.52	2,439.15	2,363.85	75.30	32.393		
8,700.00	7,088.23	8,669.19	7,045.65	29.53	49.46	89.52	1,889.26	-500.07	2,448.20	2,369.34	78.87	31.043		
8,800.00	7,085.60	8,808.51	7,041.44	30.86	53.28	89.51	1,900.48	-638.88	2,456.64	2,372.46	84.18	29.183		
8,900.00	7,082.98	8,900.00	7,039.60	32.22	55.82	89.55	1,909.05	-770.99	2,463.45	2,375.25	88.20	27.931		
9,000.00	7,080.35	9,226.92	7,035.22	33.60	65.00	89.62	1,915.24	-1,056.81	2,465.90	2,366.66	99.25	24.846		
9,100.00	7,077.72	9,640.85	7,021.72	35.02	76.62	89.55	1,879.18	-1,468.63	2,455.11	2,343.10	112.01	21.919		
9,200.00	7,075.09	9,704.00	7,019.61	36.45	78.39	89.54	1,871.21	-1,531.24	2,442.56	2,327.25	115.31	21.182		
9,300.00	7,072.47	9,752.64	7,018.04	37.90	79.76	89.53	1,865.94	-1,579.56	2,431.64	2,313.38	118.26	20.562		
9,400.00	7,069.84	10,122.39	7,007.78	39.37	90.09	89.50	1,808.93	-1,944.43	2,418.93	2,290.07	128.87	18.771		
9,500.00	7,067.21	10,169.00	7,006.63	40.86	91.37	89.50	1,799.10	-1,989.98	2,398.44	2,266.48	131.96	18.175		
9,600.00	7,064.58	10,201.99	7,005.76	42.36	92.30	89.50	1,792.94	-2,022.38	2,380.38	2,245.64	134.75	17.666		
9,700.00	7,061.95	10,230.29	7,004.99	43.87	93.09	89.50	1,788.54	-2,050.32	2,365.26	2,227.91	137.35	17.221		
9,800.00	7,059.33	10,264.00	7,004.05	45.39	94.04	89.50	1,784.40	-2,083.76	2,353.12	2,213.11	140.01	16.807		
9,900.00	7,056.70	10,306.30	7,002.86	46.92	95.25	89.49	1,780.30	-2,125.84	2,343.61	2,200.76	142.84	16.407		
10,000.00	7,054.07	10,357.00	7,001.47	48.47	96.71	89.49	1,776.30	-2,176.36	2,336.16	2,190.31	145.85	16.017		
10,100.00	7,051.44	10,401.19	7,000.41	50.02	97.99	89.49	1,773.81	-2,220.47	2,330.96	2,182.33	148.63	15.683		
10,200.00	7,048.81	10,449.00	6,999.55	51.57	99.37	89.50	1,772.35	-2,268.25	2,328.19	2,176.74	151.46	15.372		
10,277.79	7,046.77	10,485.96	6,999.06	52.79	100.44	89.51	1,771.97	-2,305.20	2,327.59	2,173.98	153.61	15.153		
10,300.00	7,046.19	10,498.11	6,998.93	53.14	100.79	89.52	1,771.94	-2,317.35	2,327.64	2,173.37	154.27	15.088		
10,400.00	7,043.56	10,554.70	6,998.49	54.71	102.44	89.55	1,772.53	-2,373.93	2,329.04	2,171.76	157.28	14.808		
10,500.00	7,040.93	10,619.95	6,998.01	56.29	104.34	89.58	1,774.25	-2,439.16	2,332.08	2,171.52	160.56	14.525		
10,600.00	7,038.30	10,689.98	6,997.43	57.87	106.37	89.61	1,777.11	-2,509.13	2,336.53	2,172.55	163.98	14.249		
10,700.00	7,035.67	10,764.03	6,996.98	59.46	108.53	89.64	1,781.00	-2,583.08	2,342.17	2,174.63	167.54	13.980		
10,800.00	7,033.05	10,845.83	6,996.35	61.05	110.91	89.68	1,786.11	-2,664.71	2,348.80	2,177.43	171.38	13.705		
10,900.00	7,030.42	10,990.60	6,995.28	62.64	115.13	89.75	1,794.84	-2,809.22	2,355.43	2,177.85	177.58	13.264		
11,000.00	7,027.79	11,128.75	6,993.95	64.24	119.16	89.81	1,799.56	-2,947.27	2,359.10	2,175.60	183.50	12.856		
11,100.00	7,025.16	11,200.00	6,993.83	65.84	121.24	89.85	1,802.13	-3,018.48	2,363.11	2,176.11	187.00	12.637		
11,200.00	7,022.53	11,407.91	6,995.14	67.45	127.32	90.01	1,807.48	-3,226.28	2,366.78	2,171.47	195.31	12.118		
11,300.00	7,019.91	11,300.00	6,995.21	69.06	124.17	90.11	1,805.33	-3,371.61	2,365.63	2,171.73	193.91	12.200		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	
11,400.00	7,017.28	11,683.35	6,993.88	70.67	135.36	90.16	1,800.75	-3,501.62	2,362.33	2,155.56	206.77	11.425	
11,500.00	7,014.65	11,739.98	6,992.78	72.29	137.02	90.17	1,799.27	-3,558.21	2,360.13	2,150.17	209.96	11.241	
11,587.31	7,012.36	11,796.88	6,991.29	73.70	138.68	90.17	1,798.73	-3,615.09	2,359.62	2,146.68	212.94	11.081	
11,600.00	7,012.02	11,805.95	6,991.09	73.90	138.95	90.17	1,798.70	-3,624.15	2,359.63	2,146.24	213.40	11.057	
11,700.00	7,009.40	11,877.55	6,989.82	75.52	141.05	90.18	1,798.95	-3,695.74	2,360.39	2,143.40	216.99	10.878	
11,800.00	7,006.77	11,950.00	6,988.81	77.15	143.18	90.21	1,800.07	-3,768.18	2,362.34	2,141.75	220.59	10.709	
11,900.00	7,004.14	12,006.79	6,988.11	78.77	144.84	90.22	1,801.80	-3,824.94	2,365.79	2,142.19	223.59	10.581	
12,000.00	7,001.51	12,071.95	6,987.35	80.40	146.76	90.25	1,804.94	-3,890.02	2,370.97	2,144.12	226.85	10.452	
12,100.00	6,998.88	12,157.87	6,986.21	82.02	149.28	90.27	1,809.95	-3,975.78	2,377.20	2,146.31	230.88	10.296	
12,200.00	6,996.26	12,362.40	6,983.94	83.65	155.29	90.35	1,817.85	-4,180.11	2,381.55	2,142.21	239.34	9.951	
12,300.00	6,993.63	12,565.52	6,981.63	85.28	161.26	90.42	1,817.94	-4,383.19	2,382.66	2,135.37	247.29	9.635	
12,400.00	6,991.00	12,731.32	6,981.16	86.92	166.10	90.51	1,810.66	-4,548.82	2,378.52	2,124.75	253.77	9.373	
12,500.00	6,988.37	12,864.54	6,982.07	88.55	169.99	90.62	1,802.46	-4,681.79	2,372.83	2,113.62	259.21	9.154	
12,600.00	6,985.74	12,983.38	6,981.61	90.19	173.45	90.69	1,793.72	-4,800.30	2,365.90	2,101.65	264.24	8.954	
12,700.00	6,983.12	13,055.82	6,980.71	91.82	175.56	90.72	1,788.65	-4,872.56	2,359.28	2,091.20	268.08	8.801	
12,800.00	6,980.49	13,127.67	6,979.85	93.46	177.66	90.74	1,784.35	-4,944.27	2,353.73	2,081.85	271.88	8.657	
12,900.00	6,977.86	13,271.88	6,977.96	95.10	181.87	90.79	1,775.75	-5,088.21	2,348.34	2,070.73	277.61	8.459	
13,000.00	6,975.23	13,369.53	6,976.63	96.74	184.72	90.82	1,768.50	-5,185.58	2,341.34	2,059.24	282.10	8.300	
13,100.00	6,972.60	13,437.00	6,975.73	98.38	186.69	90.85	1,764.07	-5,252.90	2,335.24	2,049.43	285.80	8.171	
13,200.00	6,969.98	13,476.35	6,975.23	100.03	187.84	90.86	1,762.27	-5,292.21	2,331.14	2,042.52	288.63	8.077	
13,300.00	6,967.35	13,529.00	6,974.59	101.67	189.39	90.88	1,761.57	-5,344.84	2,329.84	2,038.13	291.71	7.987	
13,317.04	6,966.90	13,529.00	6,974.59	101.95	189.39	90.88	1,761.57	-5,344.84	2,329.77	2,037.85	291.92	7.981	
13,400.00	6,964.72	13,555.57	6,974.28	103.31	190.17	90.89	1,761.90	-5,371.41	2,330.90	2,037.16	293.74	7.935	
13,500.00	6,962.09	13,598.94	6,973.81	104.96	191.45	90.90	1,763.29	-5,414.75	2,334.53	2,038.37	296.16	7.883	
13,600.00	6,959.47	13,734.51	6,972.43	106.60	195.45	90.95	1,768.98	-5,550.19	2,339.36	2,037.21	302.15	7.742	
13,700.00	6,956.84	13,808.00	6,971.73	108.25	197.61	90.98	1,771.31	-5,623.64	2,343.05	2,037.32	305.73	7.664	
13,800.00	6,954.21	13,879.53	6,971.02	109.90	199.73	91.01	1,774.42	-5,695.10	2,347.90	2,038.72	309.19	7.594	
13,900.00	6,951.58	13,976.29	6,970.00	111.55	202.58	91.04	1,779.79	-5,791.71	2,353.88	2,040.22	313.66	7.505	
14,000.00	6,948.95	14,077.18	6,968.94	113.20	205.56	91.08	1,785.12	-5,892.44	2,359.59	2,041.29	318.30	7.413	
14,100.00	6,946.33	14,293.96	6,966.16	114.84	211.95	91.15	1,790.41	-6,109.12	2,362.01	2,034.67	327.34	7.216	
14,200.00	6,943.70	14,577.57	6,962.70	116.50	220.28	91.25	1,781.26	-6,392.46	2,359.76	2,022.50	337.26	6.997	
14,300.00	6,941.07	14,650.00	6,961.84	118.15	222.40	91.28	1,776.40	-6,464.72	2,353.46	2,012.30	341.16	6.898	
14,400.00	6,938.44	14,779.76	6,960.33	119.80	226.19	91.33	1,767.73	-6,594.18	2,347.29	2,000.84	346.44	6.775	
14,500.00	6,935.81	14,878.31	6,958.98	121.45	229.06	91.36	1,759.87	-6,692.41	2,339.75	1,988.78	350.97	6.666	
14,600.00	6,933.19	14,964.37	6,957.85	123.10	231.57	91.39	1,754.08	-6,778.27	2,333.40	1,978.19	355.21	6.569	
14,700.00	6,930.56	15,176.51	6,955.89	124.75	237.73	91.50	1,732.82	-6,989.29	2,323.01	1,960.99	362.02	6.417	
14,800.00	6,927.93	15,248.63	6,955.42	126.41	239.81	91.54	1,724.75	-7,060.95	2,312.30	1,946.22	366.07	6.316	
14,900.00	6,925.30	15,318.85	6,954.92	128.06	241.85	91.57	1,717.83	-7,130.82	2,302.88	1,932.83	370.05	6.223	
15,000.00	6,922.67	15,397.00	6,954.45	129.72	244.13	91.62	1,710.92	-7,208.67	2,294.51	1,920.36	374.15	6.133	
15,100.00	6,920.05	15,465.09	6,954.10	131.37	246.12	91.66	1,705.69	-7,276.56	2,287.30	1,909.32	377.99	6.051	
15,200.00	6,917.42	15,570.00	6,953.51	133.03	250.11	91.72	1,696.57	-7,381.05	2,278.99	1,895.38	383.61	5.941	
15,300.00	6,914.79	15,570.00	6,953.51	134.68	250.11	91.72	1,696.57	-7,381.05	2,274.45	1,888.97	385.47	5.900	
15,353.35	6,913.39	15,570.00	6,953.51	135.57	250.11	91.72	1,696.57	-7,381.05	2,273.82	1,887.65	386.18	5.888 CC	
15,392.03	6,912.37	15,570.00	6,953.51	136.21	250.11	91.72	1,696.57	-7,381.05	2,274.15	1,887.59	386.56	5.883 ES, SF	

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	13.11	587.98	136.97	603.97				
100.00	100.00	88.70	88.70	3.28	3.28	13.11	587.57	136.89	603.33	595.98	7.36	82.024	
195.06	195.06	178.06	178.06	3.30	3.29	13.10	587.09	136.63	602.78	595.39	7.39	81.603 CC	
200.00	200.00	182.63	182.62	3.31	3.29	13.10	587.10	136.61	602.78	595.39	7.39	81.576 ES	
300.00	299.98	280.81	280.81	3.35	3.32	-102.28	587.45	136.39	603.45	596.00	7.45	80.946	
400.00	399.84	379.90	379.89	3.41	3.36	-102.74	587.90	136.30	605.00	597.45	7.55	80.090	
500.00	499.45	479.26	479.25	3.50	3.41	-103.54	588.51	135.90	607.51	599.82	7.69	78.972	
600.00	598.70	580.45	580.44	3.61	3.47	-104.64	588.98	135.56	610.90	603.03	7.88	77.571	
700.00	697.47	676.11	676.09	3.77	3.55	-105.97	589.46	134.91	615.46	607.36	8.10	75.971	
800.00	795.75	773.71	773.69	3.97	3.63	-107.55	590.30	134.77	621.71	613.34	8.38	74.218	
900.00	893.97	871.90	871.88	4.20	3.73	-109.20	591.14	134.33	628.53	619.83	8.69	72.322	
1,000.00	992.20	968.21	968.18	4.45	3.83	-110.83	592.11	133.38	635.98	626.95	9.03	70.400	
1,100.00	1,090.43	1,063.99	1,063.95	4.73	3.94	-112.42	593.39	132.50	644.30	634.90	9.40	68.527	
1,200.00	1,188.66	1,159.62	1,159.55	5.02	4.06	-113.97	595.01	131.51	653.47	643.68	9.79	66.737	
1,300.00	1,286.89	1,258.81	1,258.73	5.34	4.19	-115.49	596.87	130.94	663.32	653.12	10.20	65.005	
1,400.00	1,385.12	1,355.54	1,355.44	5.66	4.33	-116.99	598.42	129.78	673.39	662.76	10.63	63.363	
1,500.00	1,483.35	1,452.59	1,452.46	6.00	4.47	-118.40	600.41	129.17	684.31	673.25	11.06	61.851	
1,600.00	1,581.57	1,554.47	1,554.32	6.34	4.62	-119.88	602.16	127.96	695.38	683.87	11.52	60.375	
1,700.00	1,679.80	1,659.01	1,658.85	6.69	4.78	-121.39	603.08	126.27	706.11	694.13	11.98	58.925	
1,800.00	1,778.03	1,757.47	1,757.28	7.05	4.94	-122.83	603.15	124.08	716.56	704.12	12.44	57.586	
1,900.00	1,876.26	1,849.34	1,849.12	7.25	5.09	-124.14	603.64	121.92	727.93	715.39	12.54	58.054	
2,000.00	1,974.49	1,941.66	1,941.41	7.29	5.24	-125.41	605.00	119.71	740.63	727.92	12.70	58.296	
2,100.00	2,072.72	2,036.95	2,036.65	7.35	5.41	-126.67	606.82	117.44	754.14	741.25	12.90	58.481	
2,200.00	2,170.95	2,132.42	2,132.08	7.43	5.57	-127.84	609.06	115.67	768.32	755.21	13.11	58.622	
2,300.00	2,269.18	2,229.71	2,229.32	7.52	5.75	-128.95	611.71	114.43	783.05	769.71	13.34	58.700	
2,400.00	2,367.40	2,329.22	2,328.79	7.63	5.93	-129.98	614.44	114.06	797.83	784.23	13.60	58.681	
2,500.00	2,465.63	2,425.03	2,424.56	7.76	6.10	-130.91	617.28	114.07	812.96	799.10	13.86	58.651	
2,600.00	2,563.86	2,521.59	2,521.08	7.90	6.28	-131.86	620.13	113.30	828.53	814.39	14.14	58.588	
2,700.00	2,662.09	2,619.23	2,618.67	8.05	6.46	-132.76	623.20	113.03	844.35	829.91	14.44	58.474	
2,800.00	2,760.32	2,713.65	2,713.03	8.21	6.64	-133.58	626.43	112.73	860.62	845.88	14.74	58.370	
2,900.00	2,858.55	2,809.51	2,808.82	8.39	6.82	-134.41	629.90	112.12	877.38	862.31	15.06	58.242	
3,000.00	2,956.78	2,905.96	2,905.20	8.58	7.00	-135.24	633.42	111.07	894.49	879.09	15.40	58.094	
3,100.00	3,055.01	2,999.25	2,998.42	8.78	7.18	-136.04	636.92	109.49	912.10	896.37	15.73	57.972	
3,200.00	3,153.23	3,092.62	3,091.68	8.99	7.37	-136.84	640.65	107.35	930.34	914.26	16.08	57.861	
3,300.00	3,251.46	3,187.78	3,186.73	9.21	7.55	-137.63	644.68	104.86	949.10	932.66	16.44	57.737	
3,400.00	3,349.69	3,283.06	3,281.88	9.43	7.74	-138.38	649.02	102.57	968.25	951.44	16.81	57.608	
3,500.00	3,447.92	3,381.38	3,380.07	9.67	7.93	-139.13	653.53	100.08	987.64	970.45	17.19	57.444	
3,600.00	3,546.15	3,483.70	3,482.25	9.91	8.14	-139.93	657.57	96.82	1,006.90	989.31	17.60	57.225	
3,700.00	3,644.38	3,588.03	3,586.49	10.16	8.35	-140.70	661.26	94.07	1,025.73	1,007.72	18.01	56.950	
3,800.00	3,742.61	3,685.32	3,683.70	10.41	8.54	-141.37	664.54	92.01	1,044.34	1,025.92	18.42	56.707	
3,900.00	3,840.84	3,784.58	3,782.87	10.68	8.74	-142.03	667.83	89.85	1,063.06	1,044.23	18.83	56.448	
4,000.00	3,939.06	3,884.81	3,883.03	10.94	8.94	-142.71	670.61	87.09	1,081.71	1,062.45	19.26	56.174	
4,100.00	4,037.29	3,984.71	3,982.86	11.21	9.15	-143.39	672.99	84.16	1,100.25	1,080.57	19.68	55.895	
4,200.00	4,135.52	4,085.65	4,083.71	11.49	9.35	-144.11	674.65	80.38	1,118.70	1,098.58	20.12	55.607	
4,300.00	4,233.75	4,173.88	4,171.85	11.77	9.53	-144.74	675.98	76.60	1,137.45	1,116.93	20.52	55.423	
4,400.00	4,331.98	4,267.94	4,265.79	12.06	9.72	-145.39	678.08	72.37	1,157.07	1,136.12	20.95	55.235	
4,500.00	4,430.21	4,365.61	4,363.35	12.35	9.92	-146.02	680.39	68.20	1,176.84	1,155.45	21.39	55.024	
4,600.00	4,528.44	4,459.12	4,456.76	12.64	10.12	-146.59	682.89	64.52	1,196.81	1,174.99	21.82	54.847	
4,700.00	4,626.67	4,558.30	4,555.82	12.93	10.32	-147.13	686.29	61.29	1,217.17	1,194.90	22.28	54.643	
4,800.00	4,724.89	4,660.39	4,657.82	13.23	10.53	-147.62	689.84	58.93	1,237.17	1,214.42	22.74	54.400	
4,900.00	4,823.12	4,761.33	4,758.68	13.54	10.74	-148.09	693.20	56.82	1,257.00	1,233.79	23.21	54.159	
5,000.00	4,921.35	4,859.37	4,856.66	13.84	10.95	-148.52	696.42	55.12	1,276.68	1,253.00	23.67	53.931	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	4,955.87	4,953.09	14.15	11.15	-148.92	699.75	53.50	1,296.51	1,272.38	24.13	53.721		
5,200.00	5,117.81	5,057.52	5,054.67	14.46	11.36	-149.33	703.17	51.78	1,316.37	1,291.76	24.61	53.483		
5,300.00	5,216.04	5,152.87	5,149.95	14.77	11.56	-149.72	706.04	50.17	1,335.99	1,310.91	25.08	53.277		
5,400.00	5,314.27	5,250.03	5,247.05	15.08	11.76	-150.11	709.17	48.09	1,356.09	1,330.54	25.55	53.083		
5,500.00	5,412.50	5,356.52	5,353.47	15.40	11.98	-150.58	711.49	45.18	1,375.77	1,349.72	26.04	52.825		
5,600.00	5,510.72	5,452.36	5,449.25	15.71	12.18	-151.02	712.70	42.01	1,395.13	1,368.62	26.51	52.622		
5,700.00	5,608.95	5,542.28	5,539.10	16.03	12.37	-151.43	714.24	38.84	1,415.06	1,388.10	26.97	52.476		
5,800.00	5,707.18	5,633.21	5,629.93	16.35	12.56	-151.84	715.89	35.04	1,435.53	1,408.11	27.42	52.346		
5,900.00	5,805.41	5,725.04	5,721.65	16.68	12.76	-152.25	717.90	31.00	1,456.50	1,428.62	27.89	52.231		
6,000.00	5,903.64	5,822.47	5,818.95	17.00	12.96	-152.68	720.00	26.32	1,477.77	1,449.40	28.37	52.097		
6,100.00	6,001.87	5,927.16	5,923.50	17.33	13.18	-153.15	721.74	21.30	1,498.73	1,469.86	28.87	51.916		
6,200.00	6,100.10	6,025.68	6,021.90	17.65	13.39	-153.58	723.12	16.61	1,519.55	1,490.20	29.35	51.767		
6,300.00	6,198.33	6,122.09	6,118.18	17.98	13.59	-154.00	724.14	11.78	1,540.35	1,510.51	29.83	51.630		
6,400.00	6,296.55	6,209.93	6,205.90	18.31	13.78	-154.37	725.42	7.23	1,561.64	1,531.35	30.29	51.553		
6,500.00	6,394.83	6,305.16	6,300.97	18.63	13.98	-154.81	726.96	1.98	1,583.14	1,552.38	30.77	51.458		
6,600.00	6,494.21	6,396.96	6,392.61	18.81	14.17	127.37	728.61	-3.30	1,598.33	1,567.18	31.14	51.319		
6,700.00	6,593.31	6,518.30	6,513.74	18.92	14.43	75.11	730.24	-10.06	1,603.02	1,571.47	31.55	50.803		
6,800.00	6,689.68	6,608.56	6,603.86	18.97	14.62	65.06	730.93	-15.19	1,597.37	1,565.56	31.82	50.203		
6,900.00	6,780.96	6,687.47	6,682.62	18.98	14.78	62.81	732.06	-19.75	1,582.90	1,550.89	32.01	49.446		
7,000.00	6,864.89	6,764.82	6,759.82	18.95	14.95	63.64	733.99	-24.12	1,560.79	1,528.60	32.19	48.484		
7,100.00	6,939.42	6,835.07	6,829.94	18.90	15.10	66.24	736.32	-27.92	1,532.25	1,499.87	32.37	47.333		
7,200.00	7,002.70	6,895.61	6,890.35	18.86	15.23	69.95	738.74	-31.08	1,498.96	1,466.38	32.58	46.003		
7,300.00	7,053.18	6,955.30	6,949.90	18.85	15.36	74.67	741.32	-33.94	1,462.73	1,429.83	32.90	44.458		
7,400.00	7,089.61	6,999.56	6,994.09	18.89	15.45	79.49	743.22	-35.76	1,425.55	1,392.25	33.31	42.802		
7,500.00	7,111.10	7,023.33	7,017.82	19.02	15.50	83.67	744.26	-36.64	1,389.74	1,355.95	33.79	41.129		
7,600.00	7,117.12	7,032.18	7,026.66	19.24	15.52	87.07	744.66	-36.95	1,357.19	1,322.83	34.36	39.497		
7,700.00	7,114.51	7,032.92	7,027.40	19.62	15.52	87.26	744.69	-36.98	1,330.10	1,295.07	35.03	37.969		
7,800.00	7,111.88	7,033.62	7,028.10	20.15	15.52	87.29	744.73	-37.00	1,310.09	1,274.29	35.80	36.590		
7,900.00	7,109.26	7,034.31	7,028.78	20.84	15.52	87.32	744.76	-37.02	1,297.50	1,260.85	36.66	35.397		
8,000.00	7,106.63	7,034.98	7,029.45	21.65	15.53	87.35	744.79	-37.05	1,292.55	1,255.00	37.55	34.420		
8,014.11	7,106.26	7,035.07	7,029.54	21.78	15.53	87.35	744.79	-37.05	1,292.48	1,254.79	37.69	34.295		
8,100.00	7,104.00	7,035.64	7,030.11	22.56	15.53	87.38	744.82	-37.07	1,295.33	1,256.87	38.46	33.679		
8,200.00	7,101.37	7,036.28	7,030.74	23.57	15.53	87.40	744.85	-37.09	1,305.78	1,266.43	39.35	33.184		
8,300.00	7,098.74	7,036.90	7,031.37	24.65	15.53	87.43	744.88	-37.11	1,323.72	1,283.53	40.19	32.936		
8,400.00	7,096.12	7,037.51	7,031.98	25.79	15.53	87.46	744.91	-37.13	1,348.85	1,307.89	40.96	32.928 SF		
8,500.00	7,093.49	7,038.11	7,032.58	26.99	15.53	87.49	744.93	-37.15	1,380.79	1,339.13	41.66	33.147		
8,600.00	7,090.86	7,038.70	7,033.16	28.24	15.53	87.51	744.96	-37.17	1,419.07	1,376.80	42.26	33.577		
8,700.00	7,088.23	7,039.27	7,033.74	29.53	15.53	87.54	744.99	-37.19	1,463.19	1,420.40	42.78	34.199		
8,800.00	7,085.60	7,039.83	7,034.30	30.86	15.54	87.56	745.01	-37.21	1,512.64	1,469.42	43.22	34.996		
8,900.00	7,082.98	7,040.38	7,034.85	32.22	15.54	87.59	745.04	-37.23	1,566.93	1,523.34	43.59	35.950		
9,000.00	7,080.35	7,040.92	7,035.38	33.60	15.54	87.61	745.06	-37.24	1,625.55	1,581.67	43.88	37.044		
9,100.00	7,077.72	7,041.45	7,035.91	35.02	15.54	87.63	745.09	-37.26	1,688.07	1,643.96	44.12	38.261		
9,200.00	7,075.09	7,041.97	7,036.43	36.45	15.54	87.66	745.11	-37.28	1,754.07	1,709.76	44.31	39.588		
9,300.00	7,072.47	7,042.47	7,036.93	37.90	15.54	87.68	745.14	-37.30	1,823.17	1,778.71	44.45	41.013		
9,400.00	7,069.84	7,042.97	7,037.43	39.37	15.54	87.70	745.16	-37.31	1,895.02	1,850.46	44.56	42.523		
9,500.00	7,067.21	7,043.46	7,037.91	40.86	15.54	87.72	745.18	-37.33	1,969.33	1,924.68	44.65	44.109		
9,600.00	7,064.58	7,043.93	7,038.39	42.36	15.54	87.74	745.21	-37.34	2,045.83	2,001.13	44.71	45.762		
9,700.00	7,061.95	7,044.40	7,038.86	43.87	15.55	87.76	745.23	-37.36	2,124.29	2,079.54	44.75	47.474		
9,800.00	7,059.33	7,044.86	7,039.32	45.39	15.55	87.78	745.25	-37.37	2,204.49	2,159.71	44.77	49.238		
9,900.00	7,056.70	7,045.31	7,039.77	46.92	15.55	87.80	745.27	-37.39	2,286.25	2,241.46	44.79	51.049		
10,000.00	7,054.07	7,045.75	7,040.21	48.47	15.55	87.82	745.29	-37.40	2,369.41	2,324.62	44.79	52.900		
10,100.00	7,051.44	7,046.19	7,040.64	50.02	15.55	87.84	745.31	-37.42	2,453.82	2,409.04	44.79	54.788		

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-66W-05 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448												<b>Offset Well Error:</b>	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
7,700.00	7,114.51	7,400.73	7,102.31	19.62	26.71	91.77	1,815.42	-540.25	2,499.65	2,457.73	41.92	59.629	
7,800.00	7,111.88	7,403.21	7,098.37	20.15	26.74	91.68	1,815.49	-540.31	2,469.07	2,426.57	42.50	58.095	
7,900.00	7,109.26	7,407.16	7,094.42	20.84	26.77	91.58	1,815.56	-540.36	2,442.20	2,398.99	43.21	56.517	
8,000.00	7,106.63	7,388.90	7,090.48	21.65	26.66	91.48	1,815.63	-540.41	2,419.16	2,375.32	43.84	55.182	
8,100.00	7,104.00	7,384.95	7,086.54	22.56	26.64	91.39	1,815.70	-540.46	2,400.06	2,355.38	44.68	53.715	
8,200.00	7,101.37	7,381.01	7,082.59	23.57	26.62	91.29	1,815.77	-540.51	2,385.00	2,339.40	45.60	52.299	
8,300.00	7,098.74	7,377.06	7,078.65	24.65	26.60	91.20	1,815.83	-540.57	2,374.05	2,327.46	46.59	50.954	
8,400.00	7,096.12	7,373.12	7,074.71	25.79	26.58	91.10	1,815.90	-540.62	2,367.28	2,319.64	47.64	49.695	
8,500.00	7,093.49	7,369.18	7,070.76	26.99	26.56	91.01	1,815.97	-540.67	2,364.71	2,315.99	48.72	48.536	
8,510.89	7,093.20	7,368.75	7,070.33	27.13	26.56	91.00	1,815.98	-540.68	2,364.68	2,315.84	48.84	48.414 CC, ES	
8,600.00	7,090.86	7,365.23	7,066.82	28.24	26.54	90.91	1,816.04	-540.72	2,366.36	2,316.53	49.83	47.485	
8,700.00	7,088.23	7,361.29	7,062.88	29.53	26.52	90.82	1,816.11	-540.78	2,372.22	2,321.26	50.96	46.548	
8,800.00	7,085.60	7,357.34	7,058.93	30.86	26.51	90.72	1,816.18	-540.83	2,382.26	2,330.17	52.10	45.727	
8,900.00	7,082.98	7,353.40	7,054.99	32.22	26.49	90.63	1,816.24	-540.88	2,396.43	2,343.21	53.23	45.024	
9,000.00	7,080.35	7,349.45	7,051.05	33.60	26.47	90.53	1,816.31	-540.93	2,414.66	2,360.32	54.34	44.436	
9,100.00	7,077.72	7,345.51	7,047.10	35.02	26.45	90.43	1,816.38	-540.99	2,436.85	2,381.42	55.43	43.962	
9,200.00	7,075.09	7,341.57	7,043.16	36.45	26.43	90.34	1,816.45	-541.04	2,462.90	2,406.41	56.49	43.598	
9,300.00	7,072.47	7,337.62	7,039.22	37.90	26.41	90.24	1,816.52	-541.09	2,492.68	2,435.16	57.52	43.340 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
4,000.00	3,939.06	5,166.42	4,810.25	10.94	23.47	-119.32	2,017.11	570.71	2,481.91	2,452.39	29.52	84.072			
4,100.00	4,037.29	5,231.31	4,869.44	11.21	23.81	-119.30	1,993.61	583.15	2,453.06	2,422.99	30.07	81.570			
4,200.00	4,135.52	5,300.00	4,932.48	11.49	24.16	-119.29	1,969.57	596.00	2,425.47	2,394.83	30.64	79.171			
4,300.00	4,233.75	5,300.00	4,932.48	11.77	24.16	-119.29	1,969.57	596.00	2,400.24	2,369.25	30.99	77.442			
4,400.00	4,331.98	5,359.61	4,987.99	12.06	24.45	-119.30	1,950.53	606.44	2,376.63	2,345.12	31.51	75.418			
4,500.00	4,430.21	5,400.00	5,026.26	12.35	24.64	-119.32	1,939.30	612.84	2,356.32	2,324.36	31.96	73.718			
4,600.00	4,528.44	5,432.97	5,057.77	12.64	24.78	-119.34	1,930.93	617.74	2,338.53	2,306.16	32.37	72.241			
4,700.00	4,626.67	5,500.00	5,122.31	12.93	25.06	-119.41	1,915.47	627.13	2,323.24	2,290.35	32.88	70.653			
4,800.00	4,724.89	5,534.04	5,155.29	13.23	25.20	-119.45	1,908.29	631.57	2,309.68	2,276.42	33.26	69.435			
4,900.00	4,823.12	5,600.00	5,219.43	13.54	25.45	-119.54	1,895.15	639.50	2,298.00	2,264.25	33.75	68.091			
5,000.00	4,921.35	5,665.06	5,282.98	13.84	25.70	-119.65	1,883.06	646.42	2,287.79	2,253.57	34.22	66.865			
5,100.00	5,019.58	5,733.78	5,350.36	14.15	25.94	-119.80	1,871.09	652.76	2,278.91	2,244.23	34.68	65.705			
5,200.00	5,117.81	5,800.00	5,415.49	14.46	26.17	-119.96	1,860.36	657.92	2,271.42	2,236.29	35.13	64.654			
5,300.00	5,216.04	5,848.70	5,463.58	14.77	26.33	-120.10	1,853.31	660.97	2,265.82	2,230.33	35.49	63.842			
5,400.00	5,314.27	5,900.00	5,514.44	15.08	26.49	-120.27	1,847.04	663.30	2,262.56	2,226.71	35.84	63.121			
5,500.00	5,412.50	5,982.18	5,596.10	15.40	26.71	-120.58	1,837.99	664.88	2,260.85	2,224.56	36.28	62.312			
5,584.88	5,495.87	6,035.24	5,648.86	15.67	26.84	-120.82	1,832.39	664.51	2,260.13	2,223.57	36.57	61.806 CC			
5,600.00	5,510.72	6,043.43	5,657.01	15.71	26.86	-120.86	1,831.60	664.39	2,260.16	2,223.55	36.61	61.732 ES			
5,700.00	5,608.95	6,100.00	5,713.36	16.03	26.99	-121.13	1,826.78	663.18	2,261.51	2,224.60	36.91	61.277			
5,800.00	5,707.18	6,150.11	5,763.34	16.35	27.08	-121.38	1,823.48	661.84	2,264.96	2,227.82	37.15	60.974			
5,900.00	5,805.41	6,200.00	5,813.17	16.68	27.17	-121.62	1,821.16	660.58	2,270.55	2,233.18	37.37	60.755			
6,000.00	5,903.64	6,272.98	5,886.10	17.00	27.30	-121.94	1,819.05	659.49	2,277.85	2,240.14	37.70	60.414			
6,100.00	6,001.87	6,345.85	5,958.97	17.33	27.45	-122.24	1,817.99	659.50	2,286.46	2,248.40	38.06	60.077			
6,200.00	6,100.10	6,420.95	6,034.06	17.65	27.58	-122.53	1,817.70	659.65	2,296.21	2,257.80	38.41	59.785			
6,300.00	6,198.33	6,500.00	6,113.11	17.98	27.65	-122.86	1,818.11	659.23	2,307.05	2,268.35	38.69	59.622			
6,400.00	6,296.55	6,571.82	6,184.92	18.31	27.63	-123.16	1,819.11	658.19	2,318.95	2,280.10	38.85	59.693			
6,500.00	6,394.83	6,643.80	6,256.86	18.63	27.60	-128.45	1,820.72	656.48	2,331.93	2,292.94	38.99	59.809			
6,600.00	6,494.21	6,784.15	6,397.07	18.81	27.56	158.60	1,824.41	651.82	2,344.38	2,305.14	39.24	59.745			
6,700.00	6,593.31	6,961.61	6,574.51	18.92	27.81	106.16	1,822.82	652.07	2,349.56	2,309.66	39.91	58.877			
6,800.00	6,689.68	7,047.14	6,660.02	18.97	28.01	95.38	1,821.50	653.40	2,352.11	2,311.85	40.26	58.428			
6,900.00	6,780.96	7,133.10	6,745.94	18.98	28.19	91.96	1,820.83	656.02	2,353.30	2,312.68	40.62	57.931			
7,000.00	6,864.89	7,232.82	6,845.60	18.95	28.42	91.20	1,819.59	658.98	2,353.02	2,311.91	41.10	57.246			
7,100.00	6,939.42	7,318.20	6,930.94	18.90	28.62	91.44	1,817.97	661.36	2,352.13	2,310.53	41.59	56.552			
7,158.47	6,977.89	7,352.80	6,965.52	18.88	28.67	91.61	1,817.27	662.33	2,351.91	2,310.09	41.82	56.242			
7,200.00	7,002.70	7,376.72	6,989.42	18.86	28.71	91.79	1,816.78	662.99	2,352.05	2,310.05	42.00	56.005			
7,300.00	7,053.18	7,424.86	7,037.54	18.85	28.86	92.15	1,815.80	664.33	2,353.84	2,311.26	42.58	55.285			
7,400.00	7,089.61	7,458.76	7,071.41	18.89	29.01	92.21	1,815.11	665.28	2,358.29	2,315.03	43.26	54.514			
7,500.00	7,111.10	7,477.57	7,090.21	19.02	29.09	91.80	1,814.72	665.80	2,365.89	2,321.93	43.96	53.817			
7,600.00	7,117.12	7,480.83	7,093.47	19.24	29.10	90.85	1,814.65	665.89	2,376.79	2,332.13	44.66	53.224			
7,700.00	7,114.51	7,475.45	7,088.09	19.62	29.08	90.66	1,814.76	665.74	2,391.29	2,345.91	45.38	52.690			
7,800.00	7,111.88	7,470.05	7,082.69	20.15	29.05	90.53	1,814.88	665.59	2,409.85	2,363.66	46.19	52.170			
7,900.00	7,109.26	7,464.65	7,077.30	20.84	29.03	90.40	1,814.99	665.44	2,432.36	2,385.30	47.06	51.685			
8,000.00	7,106.63	7,459.25	7,071.90	21.65	29.01	90.27	1,815.10	665.29	2,458.73	2,410.76	47.97	51.252			
8,100.00	7,104.00	7,453.84	7,066.50	22.56	28.98	90.14	1,815.21	665.14	2,488.83	2,439.92	48.91	50.883 SF			

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.82	3.30	-1,079.67	1,079.68				
100.00	100.00	102.00	102.00	3.28	3.28	-89.82	3.30	-1,079.67	1,079.68	1,072.15	7.53	143.401	
200.00	200.00	202.00	202.00	3.31	3.31	-89.82	3.30	-1,079.67	1,079.68	1,072.10	7.57	142.540	
300.00	299.98	303.03	303.03	3.35	3.35	155.00	3.30	-1,079.67	1,081.26	1,073.60	7.66	141.120	
400.00	399.84	455.90	455.83	3.41	3.46	155.25	4.98	-1,075.78	1,083.46	1,075.64	7.82	138.522	
500.00	499.45	608.47	607.87	3.50	3.62	155.80	9.85	-1,064.43	1,083.99	1,075.96	8.03	134.919	
600.00	598.70	760.24	758.27	3.61	3.84	156.65	17.86	-1,045.78	1,082.94	1,074.63	8.31	130.346	
700.00	697.47	910.77	906.15	3.77	4.14	157.79	28.90	-1,020.08	1,080.47	1,071.83	8.64	124.989	
800.00	795.75	1,011.69	1,004.74	3.97	4.39	158.68	37.42	-1,000.25	1,078.32	1,069.32	9.00	119.793	
900.00	893.97	1,110.30	1,101.07	4.20	4.66	159.54	45.74	-980.87	1,076.67	1,067.27	9.40	114.554	
1,000.00	992.20	1,208.92	1,197.40	4.45	4.95	160.41	54.07	-961.49	1,075.27	1,065.44	9.83	109.378	
1,100.00	1,090.43	1,307.53	1,293.73	4.73	5.27	161.28	62.39	-942.11	1,074.13	1,063.84	10.29	104.342	
1,200.00	1,188.66	1,406.14	1,390.07	5.02	5.59	162.15	70.72	-922.73	1,073.25	1,062.47	10.78	99.527	
1,300.00	1,286.89	1,504.76	1,486.40	5.34	5.93	163.03	79.04	-903.35	1,072.62	1,061.33	11.30	94.961	
1,400.00	1,385.12	1,603.37	1,582.73	5.66	6.28	163.90	87.37	-883.98	1,072.25	1,060.42	11.83	90.658	
1,495.11	1,478.54	1,697.16	1,674.35	5.98	6.62	164.73	95.29	-865.54	1,072.13	1,059.78	12.35	86.816 CC	
1,500.00	1,483.35	1,701.99	1,679.06	6.00	6.64	164.78	95.70	-864.60	1,072.13	1,059.76	12.38	86.624	
1,600.00	1,581.57	1,800.60	1,775.39	6.34	7.01	165.65	104.02	-845.22	1,072.27	1,059.33	12.94	82.860 ES	
1,700.00	1,679.80	1,899.21	1,871.73	6.69	7.21	166.52	112.35	-825.84	1,072.67	1,059.47	13.20	81.246	
1,800.00	1,778.03	2,002.17	1,968.06	7.05	7.26	167.40	120.67	-806.46	1,073.33	1,059.81	13.51	79.419	
1,900.00	1,876.26	2,103.56	2,064.39	7.25	7.33	168.27	129.00	-787.08	1,074.23	1,060.73	13.50	79.557	
2,000.00	1,974.49	2,204.94	2,160.72	7.29	7.42	169.14	137.32	-767.70	1,075.40	1,061.81	13.59	79.112	
2,100.00	2,072.72	2,306.33	2,257.05	7.35	7.53	170.01	145.65	-748.32	1,076.82	1,063.10	13.72	78.495	
2,200.00	2,170.95	2,407.72	2,353.39	7.43	7.65	170.87	153.97	-728.94	1,078.49	1,064.62	13.88	77.719	
2,300.00	2,269.18	2,509.10	2,449.72	7.52	7.78	171.74	162.30	-709.56	1,080.42	1,066.35	14.07	76.801	
2,400.00	2,367.40	2,589.51	2,546.05	7.63	7.90	172.60	170.62	-690.18	1,082.59	1,068.33	14.26	75.909	
2,500.00	2,465.63	2,688.13	2,642.38	7.76	8.06	173.45	178.95	-670.80	1,085.02	1,070.51	14.51	74.794	
2,600.00	2,563.86	2,786.74	2,738.71	7.90	8.24	174.30	187.27	-651.42	1,087.69	1,072.91	14.78	73.595	
2,700.00	2,662.09	2,885.35	2,835.05	8.05	8.42	175.15	195.60	-632.04	1,090.61	1,075.53	15.08	72.330	
2,800.00	2,760.32	2,983.97	2,931.38	8.21	8.62	176.00	203.92	-612.66	1,093.77	1,078.37	15.40	71.014	
2,900.00	2,858.55	3,082.58	3,027.71	8.39	8.82	176.83	212.25	-593.28	1,097.18	1,081.43	15.75	69.665	
3,000.00	2,956.78	3,181.20	3,124.04	8.58	9.04	177.67	220.57	-573.91	1,100.82	1,084.70	16.12	68.296	
3,100.00	3,055.01	3,279.81	3,220.37	8.78	9.26	178.49	228.90	-554.53	1,104.70	1,088.20	16.51	66.919	
3,200.00	3,153.23	3,378.42	3,316.71	8.99	9.50	179.32	237.22	-535.15	1,108.82	1,091.90	16.92	65.546	
3,300.00	3,251.46	3,477.04	3,413.04	9.21	9.74	-179.87	245.55	-515.77	1,113.17	1,095.82	17.34	64.184	
3,400.00	3,349.69	3,575.65	3,509.37	9.43	9.99	-179.06	253.87	-496.39	1,117.75	1,099.96	17.79	62.842	
3,500.00	3,447.92	3,674.27	3,605.70	9.67	10.24	-178.26	262.20	-477.01	1,122.55	1,104.30	18.25	61.525	
3,600.00	3,546.15	3,772.88	3,702.03	9.91	10.51	-177.46	270.52	-457.63	1,127.58	1,108.86	18.72	60.238	
3,700.00	3,644.38	3,871.49	3,798.37	10.16	10.77	-176.67	278.85	-438.25	1,132.83	1,113.62	19.21	58.985	
3,800.00	3,742.61	3,970.11	3,894.70	10.41	11.05	-175.89	287.17	-418.87	1,138.29	1,118.59	19.70	57.768	
3,900.00	3,840.84	4,068.72	3,991.03	10.68	11.33	-175.11	295.50	-399.49	1,143.97	1,123.76	20.22	56.589	
4,000.00	3,939.06	4,167.34	4,087.36	10.94	11.61	-174.35	303.82	-380.11	1,149.86	1,129.13	20.74	55.450	
4,100.00	4,037.29	4,265.95	4,183.69	11.21	11.90	-173.59	312.15	-360.73	1,155.96	1,134.70	21.27	54.350	
4,200.00	4,135.52	4,364.56	4,280.03	11.49	12.19	-172.84	320.47	-341.35	1,162.27	1,140.46	21.81	53.290	
4,300.00	4,233.75	4,463.18	4,376.36	11.77	12.48	-172.09	328.80	-321.97	1,168.78	1,146.42	22.36	52.270	
4,400.00	4,331.98	4,561.79	4,472.69	12.06	12.78	-171.36	337.12	-302.59	1,175.48	1,152.56	22.92	51.289	
4,500.00	4,430.21	4,660.41	4,569.02	12.35	13.08	-170.63	345.45	-283.21	1,182.38	1,158.90	23.49	50.346	
4,600.00	4,528.44	4,759.02	4,665.35	12.64	13.39	-169.91	353.77	-263.84	1,189.47	1,165.41	24.06	49.441	
4,700.00	4,626.67	4,857.63	4,761.69	12.93	13.70	-169.20	362.10	-244.46	1,196.75	1,172.11	24.64	48.572	
4,800.00	4,724.89	4,956.25	4,858.02	13.23	14.01	-168.50	370.42	-225.08	1,204.21	1,178.99	25.23	47.739	
4,900.00	4,823.12	5,054.86	4,954.35	13.54	14.32	-167.81	378.75	-205.70	1,211.86	1,186.04	25.82	46.939	
5,000.00	4,921.35	5,153.48	5,050.68	13.84	14.63	-167.13	387.07	-186.32	1,219.68	1,193.27	26.42	46.172	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	5,252.09	5,147.01	14.15	14.95	-166.45	395.40	-166.94	1,227.68	1,200.66	27.02	45.437	
5,200.00	5,117.81	5,350.70	5,243.35	14.46	15.27	-165.78	403.72	-147.56	1,235.85	1,208.22	27.63	44.732	
5,300.00	5,216.04	5,449.32	5,339.68	14.77	15.59	-165.13	412.05	-128.18	1,244.18	1,215.94	28.24	44.055	
5,400.00	5,314.27	5,547.93	5,436.01	15.08	15.92	-164.48	420.37	-108.80	1,252.68	1,223.82	28.86	43.407	
5,500.00	5,412.50	5,646.55	5,532.34	15.40	16.24	-163.83	428.70	-89.42	1,261.34	1,231.86	29.48	42.785	
5,600.00	5,510.72	5,745.16	5,628.67	15.71	16.57	-163.20	437.02	-70.04	1,270.16	1,240.05	30.11	42.189	
5,700.00	5,608.95	5,843.77	5,725.01	16.03	16.89	-162.58	445.35	-50.66	1,279.13	1,248.40	30.74	41.616	
5,800.00	5,707.18	5,942.39	5,821.34	16.35	17.22	-161.96	453.67	-31.28	1,288.26	1,256.89	31.37	41.067	
5,900.00	5,805.41	6,041.00	5,917.67	16.68	17.55	-161.36	462.00	-11.90	1,297.53	1,265.52	32.01	40.540	
6,000.00	5,903.64	6,139.62	6,014.00	17.00	17.89	-160.76	470.32	7.48	1,306.95	1,274.30	32.65	40.034	
6,100.00	6,001.87	6,238.23	6,110.33	17.33	18.22	-160.17	478.65	26.86	1,316.51	1,283.22	33.29	39.548	
6,200.00	6,100.10	6,336.84	6,206.67	17.65	18.55	-159.59	486.97	46.23	1,326.20	1,292.27	33.93	39.081	
6,300.00	6,198.33	6,435.46	6,303.00	17.98	18.89	-159.02	495.30	65.61	1,336.04	1,301.45	34.58	38.632	
6,400.00	6,296.55	6,534.07	6,399.33	18.31	19.22	-158.45	503.62	84.99	1,346.00	1,310.77	35.23	38.201	
6,500.00	6,394.83	6,632.67	6,495.65	18.63	19.56	-162.76	511.95	104.37	1,355.90	1,320.01	35.88	37.787	
6,600.00	6,494.21	6,731.28	6,594.48	18.95	19.89	-162.17	520.28	123.75	1,365.80	1,330.00	36.53	37.378	
6,700.00	6,593.31	6,830.89	6,693.69	19.27	20.22	-161.58	528.60	143.13	1,375.70	1,340.00	37.18	36.975	
6,800.00	6,692.41	6,930.50	6,792.30	19.59	20.55	-160.99	536.92	162.51	1,385.60	1,350.00	37.83	36.578	
6,900.00	6,791.51	7,030.11	6,891.41	19.91	20.88	-160.40	545.24	181.89	1,395.50	1,360.00	38.48	36.181	
7,000.00	6,890.61	7,129.72	6,990.51	20.23	21.21	-159.81	553.56	201.27	1,405.40	1,370.00	39.13	35.784	
7,100.00	6,989.71	7,229.33	7,089.61	20.55	21.54	-159.22	561.88	220.65	1,415.30	1,380.00	39.78	35.387	
7,200.00	7,088.81	7,328.94	7,188.71	20.87	21.87	-158.63	570.20	240.03	1,425.20	1,390.00	40.43	34.990	
7,300.00	7,187.91	7,428.55	7,287.81	21.19	22.20	-158.04	578.52	259.41	1,435.10	1,400.00	41.08	34.593	
7,400.00	7,287.01	7,528.16	7,386.91	21.51	22.53	-157.45	586.84	278.79	1,445.00	1,410.00	41.73	34.196	
7,500.00	7,386.11	7,627.77	7,486.01	21.83	22.86	-156.86	595.16	298.17	1,454.90	1,420.00	42.38	33.799	
7,600.00	7,485.21	7,727.38	7,585.11	22.15	23.19	-156.27	603.48	317.55	1,464.80	1,430.00	43.03	33.402	
7,700.00	7,584.31	7,826.99	7,684.21	22.47	23.52	-155.68	611.80	336.93	1,474.70	1,440.00	43.68	33.005	
7,800.00	7,683.41	7,926.60	7,783.31	22.79	23.85	-155.09	620.12	356.31	1,484.60	1,450.00	44.33	32.608	
7,900.00	7,782.51	8,026.21	7,882.41	23.11	24.18	-154.50	628.44	375.69	1,494.50	1,460.00	44.98	32.211	
8,000.00	7,881.61	8,125.82	7,981.51	23.43	24.51	-153.91	636.76	395.07	1,504.40	1,470.00	45.63	31.814	
8,100.00	7,980.71	8,225.43	8,080.61	23.75	24.84	-153.32	645.08	414.45	1,514.30	1,480.00	46.28	31.417	
8,200.00	8,079.81	8,325.04	8,179.71	24.07	25.17	-152.73	653.40	433.83	1,524.20	1,490.00	46.93	31.020	
8,300.00	8,178.91	8,424.65	8,278.81	24.39	25.50	-152.14	661.72	453.21	1,534.10	1,500.00	47.58	30.623	
8,400.00	8,278.01	8,524.26	8,377.91	24.71	25.83	-151.55	670.04	472.59	1,544.00	1,510.00	48.23	30.226	
8,500.00	8,377.11	8,623.87	8,477.01	25.03	26.16	-150.96	678.36	491.97	1,553.90	1,520.00	48.88	29.829	
8,600.00	8,476.21	8,723.48	8,576.11	25.35	26.49	-150.37	686.68	511.35	1,563.80	1,530.00	49.53	29.432	
8,700.00	8,575.31	8,823.09	8,675.21	25.67	26.82	-149.78	695.00	530.73	1,573.70	1,540.00	50.18	29.035	
8,800.00	8,674.41	8,922.70	8,774.31	25.99	27.15	-149.19	703.32	550.11	1,583.60	1,550.00	50.83	28.638	
8,900.00	8,773.51	9,022.31	8,873.41	26.31	27.48	-148.60	711.64	569.49	1,593.50	1,560.00	51.48	28.241	
9,000.00	8,872.61	9,121.92	8,972.51	26.63	27.81	-148.01	720.00	588.87	1,603.40	1,570.00	52.13	27.844	
9,100.00	8,971.71	9,221.53	9,071.61	26.95	28.14	-147.42	728.32	608.25	1,613.30	1,580.00	52.78	27.447	
9,200.00	9,070.81	9,321.14	9,170.71	27.27	28.47	-146.83	736.64	627.63	1,623.20	1,590.00	53.43	27.050	
9,300.00	9,169.91	9,420.75	9,269.81	27.59	28.80	-146.24	744.96	647.01	1,633.10	1,600.00	54.08	26.653	
9,400.00	9,269.01	9,520.36	9,368.91	27.91	29.13	-145.65	753.28	666.39	1,643.00	1,610.00	54.73	26.256	
9,500.00	9,368.11	9,620.00	9,468.01	28.23	29.46	-145.06	761.60	685.77	1,652.90	1,620.00	55.38	25.859	
9,600.00	9,467.21	9,719.61	9,567.11	28.55	29.79	-144.47	769.92	705.15	1,662.80	1,630.00	56.03	25.462	
9,700.00	9,566.31	9,819.22	9,666.21	28.87	30.12	-143.88	778.24	724.53	1,672.70	1,640.00	56.68	25.065	
9,800.00	9,665.41	9,918.83	9,765.31	29.19	30.45	-143.29	786.56	743.91	1,682.60	1,650.00	57.33	24.668	
9,900.00	9,764.51	10,018.44	9,864.41	29.51	30.78	-142.70	794.88	763.29	1,692.50	1,660.00	57.98	24.271	
10,000.00	9,863.61	10,118.05	9,963.51	29.83	31.11	-142.11	803.20	782.67	1,702.40	1,670.00	58.63	23.874	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.81	3.66	-1,119.76	1,119.77				
100.00	100.00	102.00	102.00	3.28	3.28	-89.81	3.66	-1,119.76	1,119.77	1,112.24	7.53	148.726	
200.00	200.00	202.00	202.00	3.31	3.31	-89.81	3.66	-1,119.76	1,119.77	1,112.19	7.57	147.833	
300.00	299.98	338.80	338.76	3.35	3.37	155.12	5.15	-1,117.80	1,120.00	1,112.32	7.68	145.850	
400.00	399.84	483.23	482.86	3.41	3.49	155.58	10.99	-1,110.15	1,119.49	1,111.65	7.84	142.797	
500.00	499.45	626.67	625.31	3.50	3.66	156.39	21.13	-1,096.85	1,118.28	1,110.22	8.06	138.717	
600.00	598.70	768.58	765.24	3.61	3.90	157.51	35.41	-1,078.12	1,116.55	1,108.20	8.35	133.703	
700.00	697.47	908.48	901.87	3.77	4.21	158.94	53.58	-1,054.29	1,114.58	1,105.87	8.72	127.881	
800.00	795.75	1,032.90	1,022.08	3.97	4.57	160.46	73.02	-1,028.80	1,112.29	1,103.14	9.15	121.557	
900.00	893.97	1,129.83	1,115.43	4.20	4.89	161.68	88.85	-1,008.05	1,110.00	1,100.40	9.60	115.579	
1,000.00	992.20	1,226.76	1,208.78	4.45	5.24	162.91	104.67	-987.30	1,108.25	1,098.15	10.10	109.735	
1,100.00	1,090.43	1,323.68	1,302.13	4.73	5.61	164.14	120.50	-966.54	1,107.04	1,096.41	10.63	104.109	
1,200.00	1,188.66	1,420.61	1,395.48	5.02	6.00	165.38	136.32	-945.79	1,106.38	1,095.19	11.19	98.838	
1,271.05	1,258.45	1,489.48	1,461.80	5.24	6.28	166.25	147.57	-931.05	1,106.24	1,094.63	11.61	95.262 CC	
1,300.00	1,286.89	1,517.54	1,488.83	5.34	6.40	166.61	152.15	-925.04	1,106.27	1,094.48	11.79	93.865	
1,400.00	1,385.12	1,614.47	1,582.18	5.66	6.81	167.84	167.97	-904.28	1,106.70	1,094.30	12.40	89.239 ES	
1,500.00	1,483.35	1,711.40	1,675.52	6.00	7.23	169.08	183.80	-883.53	1,107.68	1,094.64	13.04	84.955	
1,600.00	1,581.57	1,808.33	1,768.87	6.34	7.64	170.31	199.63	-862.78	1,109.20	1,095.52	13.68	81.086	
1,700.00	1,679.80	1,905.26	1,862.22	6.69	7.88	171.53	215.45	-842.02	1,111.26	1,097.27	14.00	79.402	
1,800.00	1,778.03	2,002.18	1,955.57	7.05	7.94	172.75	231.28	-821.27	1,113.87	1,099.53	14.34	77.678	
1,900.00	1,876.26	2,100.89	2,048.92	7.25	8.03	173.97	247.10	-800.52	1,117.01	1,102.64	14.37	77.746	
2,000.00	1,974.49	2,203.96	2,142.27	7.29	8.14	175.18	262.93	-779.76	1,120.68	1,106.17	14.51	77.258	
2,100.00	2,072.72	2,292.97	2,235.62	7.35	8.25	176.38	278.75	-759.01	1,124.87	1,110.21	14.66	76.708	
2,200.00	2,170.95	2,389.90	2,328.97	7.43	8.39	177.57	294.58	-738.26	1,129.59	1,114.72	14.87	75.987	
2,300.00	2,269.18	2,486.83	2,422.32	7.52	8.55	178.75	310.40	-717.50	1,134.82	1,119.72	15.10	75.155	
2,400.00	2,367.40	2,583.76	2,515.66	7.63	8.72	179.93	326.23	-696.75	1,140.55	1,125.19	15.37	74.228	
2,500.00	2,465.63	2,680.68	2,609.01	7.76	8.90	-178.91	342.05	-676.00	1,146.79	1,131.13	15.66	73.224	
2,600.00	2,563.86	2,777.61	2,702.36	7.90	9.10	-177.77	357.88	-655.24	1,153.52	1,137.53	15.99	72.159	
2,700.00	2,662.09	2,874.54	2,795.71	8.05	9.31	-176.63	373.70	-634.49	1,160.72	1,144.39	16.34	71.049	
2,800.00	2,760.32	2,971.47	2,889.06	8.21	9.54	-175.51	389.53	-613.74	1,168.41	1,151.69	16.71	69.908	
2,900.00	2,858.55	3,068.40	2,982.41	8.39	9.77	-174.41	405.36	-592.99	1,176.55	1,159.44	17.11	68.750	
3,000.00	2,956.78	3,165.33	3,075.76	8.58	10.02	-173.31	421.18	-572.23	1,185.15	1,167.62	17.54	67.586	
3,100.00	3,055.01	3,262.26	3,169.11	8.78	10.27	-172.24	437.01	-551.48	1,194.20	1,176.22	17.98	66.425	
3,200.00	3,153.23	3,359.18	3,262.45	8.99	10.53	-171.18	452.83	-530.73	1,203.67	1,185.23	18.44	65.276	
3,300.00	3,251.46	3,456.11	3,355.80	9.21	10.81	-170.13	468.66	-509.97	1,213.58	1,194.66	18.92	64.145	
3,400.00	3,349.69	3,553.04	3,449.15	9.43	11.09	-169.10	484.48	-489.22	1,223.90	1,204.48	19.42	63.039	
3,500.00	3,447.92	3,649.97	3,542.50	9.67	11.37	-168.09	500.31	-468.47	1,234.62	1,214.69	19.93	61.960	
3,600.00	3,546.15	3,746.90	3,635.85	9.91	11.67	-167.10	516.13	-447.71	1,245.73	1,225.28	20.45	60.913	
3,700.00	3,644.38	3,843.83	3,729.20	10.16	11.97	-166.12	531.96	-426.96	1,257.23	1,236.24	20.99	59.899	
3,800.00	3,742.61	3,940.76	3,822.55	10.41	12.27	-165.16	547.78	-406.21	1,269.10	1,247.56	21.54	58.920	
3,900.00	3,840.84	4,037.68	3,915.90	10.68	12.58	-164.22	563.61	-385.45	1,281.33	1,259.23	22.10	57.978	
4,000.00	3,939.06	4,134.61	4,009.25	10.94	12.90	-163.29	579.43	-364.70	1,293.92	1,271.25	22.67	57.071	
4,100.00	4,037.29	4,231.54	4,102.59	11.21	13.22	-162.38	595.26	-343.95	1,306.84	1,283.59	23.25	56.201	
4,200.00	4,135.52	4,328.47	4,195.94	11.49	13.54	-161.49	611.09	-323.19	1,320.10	1,296.26	23.84	55.367	
4,300.00	4,233.75	4,425.40	4,289.29	11.77	13.87	-160.61	626.91	-302.44	1,333.68	1,309.24	24.44	54.568	
4,400.00	4,331.98	4,522.33	4,382.64	12.06	14.20	-159.76	642.74	-281.69	1,347.57	1,322.53	25.05	53.803	
4,500.00	4,430.21	4,619.26	4,475.99	12.35	14.53	-158.92	658.56	-260.93	1,361.77	1,336.11	25.66	53.072	
4,600.00	4,528.44	4,716.18	4,569.34	12.64	14.87	-158.09	674.39	-240.18	1,376.25	1,349.97	26.28	52.373	
4,700.00	4,626.67	4,813.11	4,662.69	12.93	15.21	-157.29	690.21	-219.43	1,391.02	1,364.12	26.90	51.705	
4,800.00	4,724.89	4,910.04	4,756.04	13.23	15.56	-156.50	706.04	-198.68	1,406.07	1,378.54	27.53	51.067	
4,900.00	4,823.12	5,006.97	4,849.39	13.54	15.90	-155.72	721.86	-177.92	1,421.38	1,393.21	28.17	50.457	
5,000.00	4,921.35	5,103.90	4,942.73	13.84	16.25	-154.96	737.69	-157.17	1,436.95	1,408.14	28.81	49.875	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,019.58	5,200.83	5,036.08	14.15	16.60	-154.22	753.51	-136.42	1,452.77	1,423.32	29.46	49.319	
5,200.00	5,117.81	5,302.25	5,129.43	14.46	16.97	-153.49	769.34	-115.66	1,468.83	1,438.71	30.12	48.762	
5,300.00	5,216.04	5,405.32	5,222.78	14.77	17.35	-152.78	785.16	-94.91	1,485.13	1,454.33	30.80	48.220	
5,400.00	5,314.27	5,508.39	5,316.13	15.08	17.73	-152.09	800.99	-74.16	1,501.65	1,470.17	31.48	47.703	
5,500.00	5,412.50	5,588.54	5,409.48	15.40	18.03	-151.40	816.81	-53.40	1,518.39	1,486.31	32.08	47.334	
5,600.00	5,510.72	5,685.47	5,502.83	15.71	18.39	-150.74	832.64	-32.65	1,535.34	1,502.60	32.74	46.891	
5,700.00	5,608.95	5,782.40	5,596.18	16.03	18.75	-150.08	848.47	-11.90	1,552.49	1,519.08	33.41	46.468	
5,800.00	5,707.18	5,879.33	5,689.52	16.35	19.12	-149.45	864.29	8.86	1,569.85	1,535.77	34.08	46.064	
5,900.00	5,805.41	5,976.25	5,782.87	16.68	19.48	-148.82	880.12	29.61	1,587.39	1,552.64	34.75	45.677	
6,000.00	5,903.64	6,073.18	5,876.22	17.00	19.85	-148.21	895.94	50.36	1,605.12	1,569.69	35.43	45.306	
6,100.00	6,001.87	6,170.11	5,969.57	17.33	20.21	-147.61	911.77	71.12	1,623.03	1,586.92	36.11	44.952	
6,200.00	6,100.10	6,267.04	6,062.92	17.65	20.58	-147.02	927.59	91.87	1,641.11	1,604.33	36.79	44.613	
6,300.00	6,198.33	6,363.97	6,156.27	17.98	20.95	-146.45	943.42	112.62	1,659.36	1,621.89	37.47	44.288	
6,400.00	6,296.55	6,460.90	6,249.62	18.31	21.32	-145.89	959.24	133.38	1,677.77	1,639.62	38.15	43.976	
6,500.00	6,394.83	6,557.81	6,342.95	18.63	21.70	-150.36	975.07	154.12	1,696.19	1,657.36	38.83	43.681	
6,600.00	6,494.21	6,653.49	6,435.10	18.81	22.06	137.74	990.69	174.61	1,709.65	1,670.23	39.42	43.372	
6,700.00	6,593.31	7,880.20	7,108.60	18.92	31.88	117.73	1,108.18	1,012.80	1,685.76	1,638.25	47.51	35.481	
6,800.00	6,689.68	7,854.92	7,108.66	18.97	31.58	107.51	1,108.07	987.52	1,666.69	1,618.80	47.89	34.804	
6,900.00	6,780.96	7,814.83	7,108.75	18.98	31.10	103.19	1,107.89	947.43	1,653.68	1,605.76	47.92	34.508 SF	
7,000.00	6,864.89	7,760.92	7,108.87	18.95	30.48	100.14	1,107.65	893.53	1,646.16	1,598.50	47.65	34.544	
7,100.00	6,939.42	7,671.42	7,108.20	18.90	29.48	96.85	1,107.11	804.04	1,643.03	1,596.10	46.92	35.016	
7,200.00	7,002.70	7,498.53	7,076.72	18.86	27.60	91.70	1,100.99	634.70	1,639.98	1,594.61	45.37	36.148	
7,300.00	7,053.18	7,379.41	7,029.36	18.85	26.42	88.12	1,092.49	525.92	1,636.65	1,592.33	44.33	36.923	
7,400.00	7,089.61	7,285.86	6,978.64	18.89	25.57	85.40	1,083.57	447.92	1,633.78	1,590.19	43.59	37.483	
7,500.00	7,111.10	7,206.10	6,926.88	19.02	24.91	83.20	1,074.56	387.97	1,631.35	1,588.28	43.07	37.874	
7,600.00	7,117.12	7,134.57	6,874.49	19.24	24.38	81.38	1,065.51	340.17	1,629.09	1,586.34	42.75	38.108	
7,664.51	7,115.78	7,093.68	6,842.28	19.48	24.10	80.26	1,059.96	315.62	1,628.34	1,585.67	42.66	38.167	
7,700.00	7,114.51	7,073.45	6,825.78	19.62	23.97	79.69	1,057.13	304.27	1,628.48	1,585.84	42.64	38.194	
7,800.00	7,111.88	7,025.54	6,785.35	20.15	23.68	78.27	1,050.20	279.54	1,632.09	1,589.35	42.73	38.191	
7,900.00	7,109.26	6,987.38	6,751.90	20.84	23.46	77.10	1,044.48	262.09	1,640.46	1,597.48	42.99	38.162	
8,000.00	7,106.63	6,956.48	6,724.10	21.65	23.30	76.12	1,039.73	249.47	1,653.90	1,610.55	43.35	38.153	
8,100.00	7,104.00	6,931.06	6,700.80	22.56	23.18	75.30	1,035.76	240.13	1,672.52	1,628.74	43.79	38.196	
8,200.00	7,101.37	6,909.84	6,681.08	23.57	23.08	74.61	1,032.41	233.05	1,696.33	1,652.06	44.27	38.319	
8,300.00	7,098.74	6,900.00	6,671.85	24.65	23.03	74.29	1,030.84	230.00	1,725.26	1,680.45	44.81	38.500	
8,400.00	7,096.12	6,876.56	6,649.70	25.79	22.93	73.51	1,027.07	223.31	1,759.04	1,713.76	45.28	38.850	
8,500.00	7,093.49	6,863.29	6,637.07	26.99	22.88	73.07	1,024.93	219.90	1,797.55	1,751.78	45.77	39.271	
8,600.00	7,090.86	6,850.00	6,624.34	28.24	22.82	72.63	1,022.77	216.74	1,840.52	1,794.28	46.24	39.804	
8,700.00	7,088.23	6,841.70	6,616.36	29.53	22.79	72.35	1,021.42	214.91	1,887.66	1,840.96	46.70	40.421	
8,800.00	7,085.60	6,817.70	6,593.25	30.86	22.70	71.55	1,017.50	209.77	1,938.60	1,891.54	47.06	41.192	
8,900.00	7,082.98	6,793.70	6,570.13	32.22	22.60	70.75	1,013.58	204.63	1,992.98	1,945.58	47.40	42.047	
9,000.00	7,080.35	6,769.70	6,547.02	33.60	22.51	69.96	1,009.66	199.49	2,050.51	2,002.80	47.71	42.980	
9,100.00	7,077.72	6,745.70	6,523.90	35.02	22.42	69.16	1,005.74	194.35	2,110.94	2,062.94	47.99	43.985	
9,200.00	7,075.09	6,721.70	6,500.79	36.45	22.33	68.38	1,001.82	189.22	2,174.02	2,125.77	48.25	45.055	
9,300.00	7,072.47	6,702.30	6,477.67	37.90	22.25	67.60	997.91	184.08	2,239.54	2,191.03	48.51	46.170	
9,400.00	7,069.84	6,673.70	6,454.56	39.37	22.14	66.82	993.99	178.94	2,307.28	2,258.57	48.71	47.370	
9,500.00	7,067.21	6,649.70	6,431.45	40.86	22.05	66.05	990.07	173.80	2,377.06	2,328.15	48.91	48.604	
9,600.00	7,064.58	6,625.70	6,408.33	42.36	21.96	65.28	986.15	168.66	2,448.70	2,399.61	49.09	49.883	

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	2.00	3.28	3.28	-89.81	3.67	-1,099.72	1,099.72				
100.00	100.00	102.00	102.00	3.28	3.28	-89.81	3.67	-1,099.72	1,099.72	1,092.19	7.53	146.063	
200.00	200.00	202.00	202.00	3.31	3.31	-89.81	3.67	-1,099.72	1,099.72	1,092.15	7.57	145.186	
300.00	299.98	321.36	321.36	3.35	3.36	155.05	4.04	-1,099.18	1,100.94	1,093.27	7.67	143.525	
400.00	399.84	467.27	467.09	3.41	3.47	155.41	7.91	-1,093.54	1,101.84	1,094.01	7.83	140.743	
500.00	499.45	612.46	611.57	3.50	3.64	156.11	15.93	-1,081.87	1,101.82	1,093.78	8.04	136.965	
600.00	598.70	756.41	753.93	3.61	3.85	157.13	27.97	-1,064.36	1,101.03	1,092.70	8.32	132.271	
700.00	697.47	898.64	893.36	3.77	4.15	158.46	43.82	-1,041.29	1,099.70	1,091.03	8.67	126.794	
800.00	795.75	1,021.82	1,012.94	3.97	4.47	159.84	60.55	-1,016.94	1,097.84	1,088.76	9.08	120.899	
900.00	893.97	1,119.30	1,107.34	4.20	4.77	160.98	74.33	-996.90	1,096.02	1,086.51	9.51	115.239	
1,000.00	992.20	1,216.78	1,201.73	4.45	5.10	162.11	88.11	-976.85	1,094.64	1,084.66	9.98	109.672	
1,100.00	1,090.43	1,314.26	1,296.13	4.73	5.44	163.25	101.88	-956.80	1,093.72	1,083.23	10.49	104.288	
1,200.00	1,188.66	1,411.74	1,390.53	5.02	5.80	164.39	115.66	-936.75	1,093.26	1,082.24	11.02	99.205	
1,252.54	1,240.27	1,462.95	1,440.12	5.19	6.00	164.99	122.90	-926.22	1,093.19	1,081.88	11.31	96.636 CC	
1,300.00	1,286.89	1,509.22	1,484.92	5.34	6.18	165.53	129.44	-916.71	1,093.24	1,081.66	11.58	94.382	
1,400.00	1,385.12	1,606.70	1,579.32	5.66	6.56	166.67	143.21	-896.66	1,093.69	1,081.52	12.17	89.888 ES	
1,500.00	1,483.35	1,704.18	1,673.72	6.00	6.96	167.81	156.99	-876.61	1,094.59	1,081.81	12.77	85.701	
1,600.00	1,581.57	1,801.66	1,768.11	6.34	7.36	168.94	170.77	-856.56	1,095.94	1,082.54	13.39	81.833	
1,700.00	1,679.80	1,900.86	1,862.51	6.69	7.59	170.07	184.54	-836.52	1,097.74	1,084.04	13.70	80.145	
1,800.00	1,778.03	2,003.38	1,956.91	7.05	7.65	171.20	198.32	-816.47	1,099.99	1,085.96	14.03	78.393	
1,900.00	1,876.26	2,105.90	2,051.30	7.25	7.74	172.33	212.10	-796.42	1,102.69	1,088.64	14.05	78.489	
2,000.00	1,974.49	2,208.42	2,145.70	7.29	7.84	173.44	225.87	-776.37	1,105.83	1,091.66	14.17	78.030	
2,100.00	2,072.72	2,289.06	2,240.10	7.35	7.94	174.56	239.65	-756.33	1,109.42	1,095.11	14.31	77.542	
2,200.00	2,170.95	2,386.55	2,334.49	7.43	8.07	175.66	253.43	-736.28	1,113.43	1,098.94	14.49	76.830	
2,300.00	2,269.18	2,484.03	2,428.89	7.52	8.21	176.76	267.20	-716.23	1,117.88	1,103.17	14.71	75.996	
2,400.00	2,367.40	2,581.51	2,523.29	7.63	8.37	177.84	280.98	-696.19	1,122.76	1,107.80	14.96	75.057	
2,500.00	2,465.63	2,678.99	2,617.69	7.76	8.55	178.92	294.76	-676.14	1,128.05	1,112.81	15.24	74.031	
2,600.00	2,563.86	2,776.47	2,712.08	7.90	8.74	179.99	308.53	-656.09	1,133.76	1,118.21	15.54	72.935	
2,700.00	2,662.09	2,873.95	2,806.48	8.05	8.94	-178.95	322.31	-636.04	1,139.87	1,123.99	15.88	71.786	
2,800.00	2,760.32	2,971.43	2,900.88	8.21	9.15	-177.90	336.09	-616.00	1,146.39	1,130.15	16.24	70.600	
2,900.00	2,858.55	3,068.91	2,995.27	8.39	9.37	-176.87	349.87	-595.95	1,153.30	1,136.68	16.62	69.389	
3,000.00	2,956.78	3,166.39	3,089.67	8.58	9.61	-175.85	363.64	-575.90	1,160.60	1,143.58	17.03	68.167	
3,100.00	3,055.01	3,263.87	3,184.07	8.78	9.85	-174.84	377.42	-555.85	1,168.28	1,150.83	17.45	66.944	
3,200.00	3,153.23	3,361.35	3,278.46	8.99	10.10	-173.84	391.20	-535.81	1,176.34	1,158.44	17.90	65.730	
3,300.00	3,251.46	3,458.83	3,372.86	9.21	10.36	-172.85	404.97	-515.76	1,184.75	1,166.39	18.36	64.532	
3,400.00	3,349.69	3,556.31	3,467.26	9.43	10.63	-171.88	418.75	-495.71	1,193.53	1,174.69	18.84	63.356	
3,500.00	3,447.92	3,653.79	3,561.65	9.67	10.91	-170.93	432.53	-475.66	1,202.65	1,183.32	19.33	62.206	
3,600.00	3,546.15	3,751.27	3,656.05	9.91	11.19	-169.98	446.30	-455.62	1,212.12	1,192.28	19.84	61.088	
3,700.00	3,644.38	3,848.75	3,750.45	10.16	11.48	-169.06	460.08	-435.57	1,221.92	1,201.56	20.36	60.002	
3,800.00	3,742.61	3,946.23	3,844.84	10.41	11.77	-168.14	473.86	-415.52	1,232.05	1,211.15	20.90	58.952	
3,900.00	3,840.84	4,043.72	3,939.24	10.68	12.07	-167.24	487.63	-395.48	1,242.50	1,221.05	21.45	57.939	
4,000.00	3,939.06	4,141.20	4,033.64	10.94	12.37	-166.36	501.41	-375.43	1,253.25	1,231.25	22.00	56.962	
4,100.00	4,037.29	4,238.68	4,128.04	11.21	12.68	-165.49	515.19	-355.38	1,264.31	1,241.74	22.57	56.023	
4,200.00	4,135.52	4,336.16	4,222.43	11.49	12.99	-164.63	528.96	-335.33	1,275.66	1,252.52	23.14	55.121	
4,300.00	4,233.75	4,433.64	4,316.83	11.77	13.30	-163.79	542.74	-315.29	1,287.30	1,263.57	23.73	54.255	
4,400.00	4,331.98	4,531.12	4,411.23	12.06	13.62	-162.96	556.52	-295.24	1,299.21	1,274.89	24.32	53.425	
4,500.00	4,430.21	4,628.60	4,505.62	12.35	13.95	-162.15	570.29	-275.19	1,311.40	1,286.48	24.92	52.630	
4,600.00	4,528.44	4,726.08	4,600.02	12.64	14.27	-161.36	584.07	-255.14	1,323.85	1,298.33	25.52	51.869	
4,700.00	4,626.67	4,823.56	4,694.42	12.93	14.60	-160.57	597.85	-235.10	1,336.56	1,310.42	26.13	51.141	
4,800.00	4,724.89	4,921.04	4,788.81	13.23	14.93	-159.81	611.63	-215.05	1,349.51	1,322.76	26.75	50.444	
4,900.00	4,823.12	5,018.52	4,883.21	13.54	15.26	-159.05	625.40	-195.00	1,362.71	1,335.34	27.38	49.778	
5,000.00	4,921.35	5,116.00	4,977.61	13.84	15.60	-158.31	639.18	-174.95	1,376.15	1,348.14	28.00	49.140	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 11N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	5,213.48	5,072.00	14.15	15.94	-157.59	652.96	-154.91	1,389.81	1,361.17	28.64	48.531		
5,200.00	5,117.81	5,310.96	5,166.40	14.46	16.28	-156.88	666.73	-134.86	1,403.69	1,374.42	29.28	47.948		
5,300.00	5,216.04	5,408.44	5,260.80	14.77	16.62	-156.18	680.51	-114.81	1,417.79	1,387.87	29.92	47.390		
5,400.00	5,314.27	5,505.92	5,355.19	15.08	16.96	-155.49	694.29	-94.76	1,432.10	1,401.53	30.56	46.857		
5,500.00	5,412.50	5,603.41	5,449.59	15.40	17.31	-154.82	708.06	-74.72	1,446.61	1,415.39	31.21	46.347		
5,600.00	5,510.72	5,700.89	5,543.99	15.71	17.66	-154.16	721.84	-54.67	1,461.31	1,429.45	31.87	45.859		
5,700.00	5,608.95	5,801.63	5,638.39	16.03	18.02	-153.52	735.62	-34.62	1,476.21	1,443.67	32.53	45.375		
5,800.00	5,707.18	5,904.15	5,732.78	16.35	18.39	-152.88	749.39	-14.58	1,491.29	1,458.08	33.21	44.904		
5,900.00	5,805.41	6,006.67	5,827.18	16.68	18.76	-152.26	763.17	5.47	1,506.55	1,472.66	33.89	44.453		
6,000.00	5,903.64	6,109.19	5,921.58	17.00	19.13	-151.65	776.95	25.52	1,521.98	1,487.41	34.57	44.020		
6,100.00	6,001.87	6,188.29	6,015.97	17.33	19.41	-151.06	790.72	45.57	1,537.59	1,502.41	35.18	43.712		
6,200.00	6,100.10	6,285.77	6,110.37	17.65	19.77	-150.47	804.50	65.61	1,553.35	1,517.51	35.85	43.335		
6,300.00	6,198.33	6,383.25	6,204.77	17.98	20.13	-149.90	818.28	85.66	1,569.28	1,532.76	36.52	42.974		
6,400.00	6,296.55	6,480.73	6,299.16	18.31	20.48	-149.34	832.05	105.71	1,585.36	1,548.16	37.19	42.627		
6,500.00	6,394.83	6,578.20	6,393.54	18.63	20.84	-153.76	845.83	125.75	1,601.42	1,563.56	37.86	42.297		
6,600.00	6,494.21	8,015.01	7,188.06	18.81	32.06	170.25	936.87	1,076.98	1,585.87	1,539.90	45.97	34.500		
6,700.00	6,593.31	8,005.34	7,188.10	18.92	31.94	120.66	937.18	1,067.32	1,553.10	1,506.26	46.84	33.156		
6,800.00	6,689.68	7,980.24	7,188.19	18.97	31.64	110.99	937.99	1,042.24	1,527.37	1,479.97	47.39	32.227		
6,900.00	6,780.96	7,940.35	7,188.33	18.98	31.16	107.04	939.28	1,002.36	1,508.93	1,461.33	47.60	31.700		
7,000.00	6,864.49	7,886.63	7,188.52	18.95	30.52	104.20	941.02	948.67	1,497.39	1,449.92	47.47	31.543 SF		
7,100.00	6,939.42	7,820.41	7,188.76	18.90	29.75	101.55	943.17	882.48	1,491.77	1,444.70	47.07	31.694		
7,200.00	7,002.70	7,724.86	7,188.45	18.86	28.67	98.55	946.16	786.99	1,490.68	1,444.38	46.30	32.198		
7,300.00	7,053.18	7,542.12	7,155.26	18.85	26.70	93.56	946.79	607.93	1,489.03	1,444.29	44.74	33.286		
7,400.00	7,089.61	7,408.47	7,099.81	18.89	25.39	89.80	942.19	486.68	1,486.13	1,442.44	43.69	34.018		
7,500.00	7,111.10	7,302.34	7,038.73	19.02	24.47	86.86	935.61	400.29	1,483.13	1,440.14	42.99	34.501		
7,600.00	7,117.12	7,212.45	6,976.53	19.24	23.77	84.50	928.16	335.93	1,480.33	1,437.78	42.55	34.790		
7,684.10	7,115.31	7,149.27	6,927.76	19.55	23.33	82.63	921.98	296.28	1,479.16	1,436.77	42.39	34.896		
7,700.00	7,114.51	7,138.51	6,919.09	19.62	23.27	82.32	920.85	290.02	1,479.14	1,436.77	42.37	34.910		
7,800.00	7,111.88	7,082.11	6,871.97	20.15	22.92	80.51	914.62	259.69	1,482.06	1,439.63	42.43	34.926		
7,900.00	7,109.26	7,038.33	6,833.69	20.84	22.67	79.04	909.43	239.11	1,489.94	1,447.28	42.67	34.919		
8,000.00	7,106.63	7,003.65	6,802.43	21.65	22.49	77.83	905.12	224.72	1,503.24	1,460.22	43.02	34.944		
8,100.00	7,104.00	6,975.66	6,776.68	22.56	22.36	76.85	901.52	214.38	1,522.14	1,478.70	43.44	35.037		
8,200.00	7,101.37	6,950.00	6,752.70	23.57	22.24	75.93	898.12	205.90	1,546.68	1,502.79	43.89	35.243		
8,300.00	7,098.74	6,933.52	6,737.13	24.65	22.17	75.33	895.90	200.98	1,576.72	1,532.34	44.38	35.529		
8,400.00	7,096.12	6,917.32	6,721.71	25.79	22.10	74.74	893.69	196.54	1,612.08	1,567.23	44.85	35.948		
8,500.00	7,093.49	6,900.00	6,705.11	26.99	22.03	74.11	891.29	192.23	1,652.48	1,607.21	45.27	36.499		
8,600.00	7,090.86	6,891.51	6,696.92	28.24	22.00	73.79	890.10	190.28	1,697.61	1,651.90	45.71	37.138		
8,700.00	7,088.23	6,881.97	6,687.71	29.53	21.97	73.44	888.76	188.23	1,747.14	1,701.04	46.10	37.897		
8,800.00	7,085.60	6,858.81	6,665.29	30.86	21.88	72.59	885.49	183.46	1,800.67	1,754.26	46.41	38.802		
8,900.00	7,082.98	6,835.65	6,642.86	32.22	21.79	71.74	882.22	178.70	1,857.75	1,811.07	46.68	39.798		
9,000.00	7,080.35	6,812.49	6,620.43	33.60	21.71	70.90	878.94	173.94	1,918.07	1,871.14	46.92	40.875		
9,100.00	7,077.72	6,789.33	6,598.00	35.02	21.62	70.06	875.67	169.17	1,981.33	1,934.19	47.14	42.027		
9,200.00	7,075.09	6,766.17	6,575.57	36.45	21.54	69.23	872.40	164.41	2,047.26	1,999.92	47.34	43.245		
9,300.00	7,072.47	6,743.01	6,553.15	37.90	21.45	68.40	869.12	159.65	2,115.61	2,068.10	47.52	44.524		
9,400.00	7,069.84	6,719.85	6,530.72	39.37	21.37	67.58	865.85	154.88	2,186.16	2,138.48	47.67	45.856		
9,500.00	7,067.21	6,703.31	6,508.29	40.86	21.30	66.76	862.58	150.12	2,258.69	2,210.85	47.84	47.216		
9,600.00	7,064.58	6,673.53	6,485.86	42.36	21.19	65.95	859.30	145.36	2,333.02	2,285.08	47.94	48.663		
9,700.00	7,061.95	6,650.37	6,463.43	43.87	21.11	65.14	856.03	140.60	2,408.99	2,360.93	48.06	50.127		
9,800.00	7,059.33	6,627.21	6,441.01	45.39	21.02	64.35	852.76	135.83	2,486.45	2,438.28	48.16	51.626		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	90.45	-1.09	140.04	140.04				
100.00	100.00	100.00	100.00	3.28	3.28	90.45	-1.09	140.04	140.04	132.52	7.53	18.601	
200.00	200.00	200.00	200.00	3.31	3.31	90.45	-1.09	140.04	140.04	132.47	7.57	18.490	
300.00	299.98	297.96	297.96	3.35	3.35	-25.14	-0.90	140.39	138.83	131.17	7.66	18.129	
400.00	399.84	393.82	393.76	3.41	3.41	-26.70	0.68	143.18	137.05	129.28	7.77	17.632	
500.00	499.45	489.48	489.20	3.50	3.50	-29.57	3.82	148.76	135.35	127.43	7.93	17.078	
600.00	598.70	584.80	584.04	3.61	3.60	-33.75	8.50	157.07	134.21	126.09	8.12	16.536	
645.96	644.16	628.47	627.37	3.68	3.66	-36.10	11.16	161.79	134.05	125.83	8.22	16.309 CC, ES	
700.00	697.47	679.67	678.06	3.77	3.73	-39.18	14.70	168.06	134.31	125.96	8.35	16.084	
800.00	795.75	774.00	771.08	3.97	3.89	-45.52	22.37	181.67	136.96	128.32	8.64	15.857	
900.00	893.97	870.51	865.78	4.20	4.09	-51.81	31.51	197.90	143.96	134.96	9.01	15.986	
1,000.00	992.20	968.96	962.32	4.45	4.32	-57.59	40.98	214.70	152.93	143.49	9.45	16.187	
1,100.00	1,090.43	1,067.41	1,058.86	4.73	4.57	-62.69	50.45	231.51	163.30	153.36	9.94	16.429	
1,200.00	1,188.66	1,165.86	1,155.40	5.02	4.85	-67.16	59.92	248.32	174.82	164.35	10.47	16.692	
1,300.00	1,286.89	1,264.31	1,251.95	5.34	5.14	-71.07	69.39	265.13	187.27	176.23	11.04	16.960	
1,400.00	1,385.12	1,362.76	1,348.49	5.66	5.44	-74.48	78.86	281.93	200.48	188.84	11.64	17.226	
1,500.00	1,483.35	1,461.22	1,445.03	6.00	5.76	-77.47	88.33	298.74	214.31	202.06	12.26	17.483	
1,600.00	1,581.57	1,559.67	1,541.58	6.34	6.09	-80.10	97.80	315.55	228.65	215.75	12.90	17.726	
1,700.00	1,679.80	1,658.12	1,638.12	6.69	6.42	-82.41	107.27	332.35	243.41	229.86	13.56	17.955	
1,800.00	1,778.03	1,756.57	1,734.66	7.05	6.77	-84.46	116.74	349.16	258.52	244.29	14.23	18.170	
1,900.00	1,876.26	1,855.02	1,831.21	7.25	7.03	-86.28	126.21	365.97	273.91	259.63	14.28	19.175	
2,000.00	1,974.49	1,953.47	1,927.75	7.29	7.14	-87.90	135.68	382.77	289.55	275.11	14.44	20.054	
2,100.00	2,072.72	2,051.92	2,024.29	7.35	7.19	-89.36	145.15	399.58	305.39	290.83	14.56	20.981	
2,200.00	2,170.95	2,150.38	2,120.83	7.43	7.26	-90.68	154.62	416.39	321.41	306.70	14.70	21.857	
2,300.00	2,269.18	2,248.83	2,217.38	7.52	7.35	-91.87	164.09	433.19	337.58	322.69	14.88	22.680	
2,400.00	2,367.40	2,347.28	2,313.92	7.63	7.45	-92.96	173.56	450.00	353.87	338.78	15.09	23.446	
2,500.00	2,465.63	2,445.73	2,410.46	7.76	7.56	-93.94	183.03	466.81	370.28	354.95	15.33	24.154	
2,600.00	2,563.86	2,544.18	2,507.01	7.90	7.69	-94.85	192.50	483.61	386.79	371.20	15.60	24.802	
2,700.00	2,662.09	2,642.63	2,603.55	8.05	7.83	-95.68	201.97	500.42	403.39	387.50	15.89	25.393	
2,800.00	2,760.32	2,741.08	2,700.09	8.21	7.99	-96.44	211.44	517.23	420.06	403.86	16.20	25.928	
2,900.00	2,858.55	2,839.54	2,796.63	8.39	8.15	-97.15	220.91	534.03	436.80	420.26	16.54	26.410	
3,000.00	2,956.78	2,937.99	2,893.18	8.58	8.33	-97.80	230.38	550.84	453.60	436.70	16.90	26.842	
3,100.00	3,055.01	3,036.44	2,989.72	8.78	8.52	-98.41	239.85	567.65	470.45	453.17	17.28	27.226	
3,200.00	3,153.23	3,134.89	3,086.26	8.99	8.72	-98.97	249.32	584.45	487.35	469.67	17.68	27.567	
3,300.00	3,251.46	3,233.34	3,182.81	9.21	8.92	-99.50	258.79	601.26	504.29	486.19	18.10	27.867	
3,400.00	3,349.69	3,331.79	3,279.35	9.43	9.14	-99.99	268.26	618.07	521.27	502.74	18.53	28.131	
3,500.00	3,447.92	3,430.24	3,375.89	9.67	9.36	-100.45	277.73	634.87	538.29	519.31	18.98	28.362	
3,600.00	3,546.15	3,528.70	3,472.43	9.91	9.59	-100.89	287.21	651.68	555.34	535.89	19.44	28.563	
3,700.00	3,644.38	3,627.15	3,568.98	10.16	9.83	-101.30	296.68	668.49	572.41	552.49	19.92	28.736	
3,800.00	3,742.61	3,725.60	3,665.52	10.41	10.07	-101.68	306.15	685.29	589.52	569.11	20.41	28.885	
3,900.00	3,840.84	3,824.05	3,762.06	10.68	10.32	-102.04	315.62	702.10	606.65	585.74	20.91	29.013	
4,000.00	3,939.06	3,922.50	3,858.61	10.94	10.58	-102.39	325.09	718.91	623.80	602.38	21.42	29.121	
4,100.00	4,037.29	4,020.95	3,955.15	11.21	10.84	-102.71	334.56	735.71	640.97	619.03	21.94	29.212	
4,200.00	4,135.52	4,119.40	4,051.69	11.49	11.10	-103.02	344.03	752.52	658.16	635.69	22.47	29.287	
4,300.00	4,233.75	4,217.86	4,148.24	11.77	11.37	-103.31	353.50	769.33	675.37	652.36	23.01	29.349	
4,400.00	4,331.98	4,316.31	4,244.78	12.06	11.64	-103.59	362.97	786.13	692.59	669.03	23.56	29.399	
4,500.00	4,430.21	4,414.76	4,341.32	12.35	11.92	-103.85	372.44	802.94	709.83	685.72	24.11	29.438	
4,600.00	4,528.44	4,513.21	4,437.86	12.64	12.20	-104.10	381.91	819.75	727.08	702.41	24.67	29.468	
4,700.00	4,626.67	4,611.66	4,534.41	12.93	12.49	-104.34	391.38	836.55	744.35	719.11	25.24	29.489	
4,800.00	4,724.89	4,710.11	4,630.95	13.23	12.77	-104.57	400.85	853.36	761.63	735.81	25.82	29.503	
4,900.00	4,823.12	4,808.57	4,727.49	13.54	13.06	-104.79	410.32	870.17	778.92	752.52	26.39	29.511	
5,000.00	4,921.35	4,907.02	4,824.04	13.84	13.36	-105.00	419.79	886.97	796.22	769.24	26.98	29.513	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	5,005.47	4,920.58	14.15	13.65	-105.20	429.26	903.78	813.53	785.96	27.57	29.509		
5,200.00	5,117.81	5,103.92	5,017.12	14.46	13.95	-105.39	438.73	920.59	830.85	802.68	28.16	29.502		
5,300.00	5,216.04	5,202.37	5,113.66	14.77	14.25	-105.57	448.20	937.39	848.17	819.41	28.76	29.491		
5,400.00	5,314.27	5,300.82	5,210.21	15.08	14.55	-105.75	457.67	954.20	865.51	836.15	29.36	29.476		
5,500.00	5,412.50	5,400.73	5,306.75	15.40	14.86	-105.92	467.14	971.01	882.85	852.88	29.97	29.454		
5,600.00	5,510.72	5,497.73	5,403.29	15.71	15.16	-106.08	476.61	987.81	900.20	869.62	30.58	29.439		
5,700.00	5,608.95	5,596.18	5,499.84	16.03	15.47	-106.24	486.08	1,004.62	917.56	886.37	31.19	29.417		
5,800.00	5,707.18	5,705.37	5,596.38	16.35	15.81	-106.39	495.55	1,021.43	934.93	903.08	31.84	29.362		
5,900.00	5,805.41	5,793.08	5,692.92	16.68	16.09	-106.54	505.02	1,038.23	952.30	919.87	32.43	29.367		
6,000.00	5,903.64	5,908.47	5,789.46	17.00	16.45	-106.68	514.49	1,055.04	969.67	936.57	33.10	29.293		
6,100.00	6,001.87	5,989.98	5,886.01	17.33	16.71	-106.82	523.96	1,071.85	987.05	953.38	33.67	29.312		
6,200.00	6,100.10	6,088.43	5,982.55	17.65	17.03	-106.95	533.43	1,088.65	1,004.44	970.14	34.30	29.282		
6,300.00	6,198.33	6,186.89	6,079.09	17.98	17.34	-107.07	542.90	1,105.46	1,021.83	986.90	34.93	29.253		
6,400.00	6,296.55	6,285.34	6,175.64	18.31	17.66	-107.19	552.37	1,122.27	1,039.23	1,003.66	35.56	29.222		
6,500.00	6,394.83	6,391.78	6,280.25	18.63	17.97	-112.44	562.64	1,138.86	1,056.53	1,020.35	36.19	29.197		
6,600.00	6,494.21	6,510.51	6,398.23	18.81	18.19	173.85	574.30	1,139.74	1,073.73	1,037.12	36.60	29.334		
6,700.00	6,593.31	6,627.51	6,512.66	18.92	18.30	119.34	585.72	1,119.09	1,090.86	1,054.02	36.85	29.606		
6,800.00	6,689.68	6,742.38	6,619.49	18.97	18.35	105.98	596.47	1,078.70	1,107.57	1,070.63	36.94	29.981		
6,900.00	6,780.96	6,854.84	6,715.42	18.98	18.33	99.50	606.22	1,021.12	1,123.52	1,086.58	36.94	30.413		
7,000.00	6,864.89	6,964.73	6,798.00	18.95	18.30	95.17	614.72	949.33	1,138.36	1,101.46	36.90	30.846		
7,100.00	6,939.42	7,071.97	6,865.59	18.90	18.28	91.84	621.79	866.54	1,151.78	1,114.87	36.90	31.213		
7,200.00	7,002.70	7,176.55	6,917.29	18.86	18.32	89.15	627.32	775.93	1,163.46	1,126.46	37.00	31.445		
7,300.00	7,053.18	7,278.53	6,952.84	18.85	18.45	86.93	631.28	680.54	1,173.15	1,135.90	37.25	31.491		
7,400.00	7,089.61	7,378.00	6,972.49	18.89	18.71	85.14	633.67	583.17	1,180.62	1,142.93	37.69	31.322		
7,500.00	7,111.10	7,475.17	6,976.90	19.02	19.06	83.74	634.56	486.20	1,185.68	1,147.37	38.32	30.944		
7,600.00	7,117.12	7,574.70	6,974.51	19.24	19.58	83.10	634.78	386.69	1,188.00	1,148.81	39.19	30.318		
7,700.00	7,114.51	7,674.70	6,972.10	19.62	20.23	83.11	635.01	286.73	1,188.60	1,148.31	40.29	29.498		
7,800.00	7,111.88	7,774.70	6,969.69	20.15	21.00	83.12	635.23	186.76	1,189.20	1,147.56	41.64	28.557		
7,900.00	7,109.26	7,874.69	6,967.29	20.84	21.87	83.14	635.46	86.79	1,189.80	1,146.59	43.21	27.535		
8,000.00	7,106.63	7,974.69	6,964.88	21.65	22.82	83.15	635.68	-13.18	1,190.41	1,145.43	44.97	26.470		
8,100.00	7,104.00	8,074.69	6,962.48	22.56	23.86	83.16	635.90	-113.15	1,191.01	1,144.10	46.91	25.390		
8,200.00	7,101.37	8,174.69	6,960.07	23.57	24.96	83.18	636.13	-213.12	1,191.61	1,142.61	49.00	24.321		
8,300.00	7,098.74	8,274.69	6,957.66	24.65	26.12	83.19	636.35	-313.09	1,192.21	1,140.99	51.22	23.277		
8,400.00	7,096.12	8,374.68	6,955.26	25.79	27.34	83.21	636.58	-413.05	1,192.81	1,139.26	53.56	22.272		
8,500.00	7,093.49	8,474.68	6,952.85	26.99	28.60	83.22	636.80	-513.02	1,193.41	1,137.42	56.00	21.312		
8,600.00	7,090.86	8,574.68	6,950.44	28.24	29.90	83.23	637.03	-612.99	1,194.01	1,135.49	58.53	20.401		
8,700.00	7,088.23	8,674.68	6,948.04	29.53	31.23	83.25	637.25	-712.96	1,194.62	1,133.48	61.13	19.541		
8,800.00	7,085.60	8,774.67	6,945.63	30.86	32.60	83.26	637.48	-812.93	1,195.22	1,131.41	63.81	18.731		
8,900.00	7,082.98	8,874.67	6,943.23	32.22	33.99	83.28	637.70	-912.90	1,195.82	1,129.27	66.55	17.970		
9,000.00	7,080.35	8,974.67	6,940.82	33.60	35.40	83.29	637.93	-1,012.86	1,196.42	1,127.09	69.33	17.256		
9,100.00	7,077.72	9,074.67	6,938.41	35.02	36.84	83.31	638.15	-1,112.83	1,197.02	1,124.85	72.17	16.586		
9,200.00	7,075.09	9,174.67	6,936.01	36.45	38.30	83.32	638.37	-1,212.80	1,197.63	1,122.58	75.05	15.958		
9,300.00	7,072.47	9,274.66	6,933.60	37.90	39.77	83.33	638.60	-1,312.77	1,198.23	1,120.27	77.96	15.370		
9,400.00	7,069.84	9,374.66	6,931.19	39.37	41.26	83.35	638.82	-1,412.74	1,198.83	1,117.92	80.91	14.817		
9,500.00	7,067.21	9,474.66	6,928.79	40.86	42.76	83.36	639.05	-1,512.71	1,199.43	1,115.55	83.88	14.299		
9,600.00	7,064.58	9,574.66	6,926.38	42.36	44.27	83.38	639.27	-1,612.68	1,200.03	1,113.15	86.89	13.812		
9,700.00	7,061.95	9,674.65	6,923.98	43.87	45.80	83.39	639.50	-1,712.64	1,200.64	1,110.73	89.91	13.354		
9,800.00	7,059.33	9,774.65	6,921.57	45.39	47.33	83.40	639.72	-1,812.61	1,201.24	1,108.28	92.96	12.922		
9,900.00	7,056.70	9,874.65	6,919.16	46.92	48.87	83.42	639.95	-1,912.58	1,201.84	1,105.82	96.02	12.516		
10,000.00	7,054.07	9,974.65	6,916.76	48.47	50.43	83.43	640.17	-2,012.55	1,202.44	1,103.34	99.11	12.133		
10,100.00	7,051.44	10,074.64	6,914.35	50.02	51.98	83.45	640.40	-2,112.52	1,203.05	1,100.84	102.21	11.771		
10,200.00	7,048.81	10,174.64	6,911.94	51.57	53.55	83.46	640.62	-2,212.49	1,203.65	1,098.33	105.32	11.428		

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,046.19	10,274.64	6,909.54	53.14	55.12	83.47	640.85	-2,312.46	1,204.25	1,095.80	108.45	11.104	
10,400.00	7,043.56	10,374.64	6,907.13	54.71	56.70	83.49	641.07	-2,412.42	1,204.86	1,093.27	111.59	10.797	
10,500.00	7,040.93	10,474.64	6,904.73	56.29	58.28	83.50	641.29	-2,512.39	1,205.46	1,090.72	114.74	10.506	
10,600.00	7,038.30	10,574.63	6,902.32	57.87	59.87	83.51	641.52	-2,612.36	1,206.06	1,088.16	117.90	10.230	
10,700.00	7,035.67	10,674.63	6,899.91	59.46	61.46	83.53	641.74	-2,712.33	1,206.66	1,085.60	121.07	9.967	
10,800.00	7,033.05	10,774.63	6,897.51	61.05	63.06	83.54	641.97	-2,812.30	1,207.27	1,083.02	124.25	9.717	
10,900.00	7,030.42	10,874.63	6,895.10	62.64	64.66	83.56	642.19	-2,912.27	1,207.87	1,080.44	127.44	9.478	
11,000.00	7,027.79	10,974.62	6,892.69	64.24	66.26	83.57	642.42	-3,012.24	1,208.47	1,077.84	130.63	9.251	
11,100.00	7,025.16	11,074.62	6,890.29	65.84	67.87	83.58	642.64	-3,112.20	1,209.08	1,075.25	133.83	9.034	
11,200.00	7,022.53	11,174.62	6,887.88	67.45	69.48	83.60	642.87	-3,212.17	1,209.68	1,072.64	137.04	8.827	
11,300.00	7,019.91	11,274.62	6,885.48	69.06	71.09	83.61	643.09	-3,312.14	1,210.28	1,070.03	140.25	8.629	
11,400.00	7,017.28	11,374.62	6,883.07	70.67	72.71	83.63	643.32	-3,412.11	1,210.89	1,067.42	143.47	8.440	
11,500.00	7,014.65	11,474.61	6,880.66	72.29	74.33	83.64	643.54	-3,512.08	1,211.49	1,064.79	146.70	8.258	
11,600.00	7,012.02	11,574.61	6,878.26	73.90	75.95	83.65	643.76	-3,612.05	1,212.10	1,062.17	149.93	8.085	
11,700.00	7,009.40	11,674.61	6,875.85	75.52	77.57	83.67	643.99	-3,712.02	1,212.70	1,059.54	153.16	7.918	
11,800.00	7,006.77	11,774.61	6,873.44	77.15	79.19	83.68	644.21	-3,811.98	1,213.30	1,056.90	156.40	7.758	
11,900.00	7,004.14	11,874.60	6,871.04	78.77	80.82	83.69	644.44	-3,911.95	1,213.91	1,054.26	159.64	7.604	
12,000.00	7,001.51	11,974.60	6,868.63	80.40	82.45	83.71	644.66	-4,011.92	1,214.51	1,051.62	162.89	7.456	
12,100.00	6,998.88	12,074.60	6,866.23	82.02	84.08	83.72	644.89	-4,111.89	1,215.12	1,048.97	166.14	7.314	
12,200.00	6,996.26	12,174.60	6,863.82	83.65	85.71	83.73	645.11	-4,211.86	1,215.72	1,046.33	169.39	7.177	
12,300.00	6,993.63	12,274.60	6,861.41	85.28	87.34	83.75	645.34	-4,311.83	1,216.32	1,043.67	172.65	7.045	
12,400.00	6,991.00	12,374.59	6,859.01	86.92	88.98	83.76	645.56	-4,411.80	1,216.93	1,041.02	175.91	6.918	
12,500.00	6,988.37	12,474.59	6,856.60	88.55	90.62	83.78	645.79	-4,511.76	1,217.53	1,038.36	179.17	6.795	
12,600.00	6,985.74	12,574.59	6,854.20	90.19	92.25	83.79	646.01	-4,611.73	1,218.14	1,035.70	182.44	6.677	
12,700.00	6,983.12	12,674.59	6,851.79	91.82	93.89	83.80	646.24	-4,711.70	1,218.74	1,033.03	185.71	6.563	
12,800.00	6,980.49	12,774.58	6,849.38	93.46	95.53	83.82	646.46	-4,811.67	1,219.35	1,030.37	188.98	6.452	
12,900.00	6,977.86	12,874.58	6,846.98	95.10	97.17	83.83	646.68	-4,911.64	1,219.95	1,027.70	192.25	6.346	
13,000.00	6,975.23	12,974.58	6,844.57	96.74	98.81	83.84	646.91	-5,011.61	1,220.56	1,025.03	195.53	6.242	
13,100.00	6,972.60	13,074.58	6,842.16	98.38	100.46	83.86	647.13	-5,111.58	1,221.16	1,022.35	198.81	6.142	
13,200.00	6,969.98	13,174.58	6,839.76	100.03	102.10	83.87	647.36	-5,211.54	1,221.77	1,019.68	202.08	6.046	
13,300.00	6,967.35	13,274.57	6,837.35	101.67	103.75	83.88	647.58	-5,311.51	1,222.37	1,017.00	205.37	5.952	
13,400.00	6,964.72	13,374.57	6,834.95	103.31	105.39	83.90	647.81	-5,411.48	1,222.98	1,014.33	208.65	5.861	
13,500.00	6,962.09	13,474.57	6,832.54	104.96	107.04	83.91	648.03	-5,511.45	1,223.58	1,011.65	211.93	5.773	
13,600.00	6,959.47	13,574.57	6,830.13	106.60	108.69	83.92	648.26	-5,611.42	1,224.19	1,008.96	215.22	5.688	
13,700.00	6,956.84	13,674.56	6,827.73	108.25	110.34	83.94	648.48	-5,711.39	1,224.79	1,006.28	218.51	5.605	
13,800.00	6,954.21	13,774.56	6,825.32	109.90	111.98	83.95	648.71	-5,811.36	1,225.40	1,003.60	221.80	5.525	
13,900.00	6,951.58	13,874.56	6,822.91	111.55	113.63	83.96	648.93	-5,911.32	1,226.00	1,000.91	225.09	5.447	
14,000.00	6,948.95	13,974.56	6,820.51	113.20	115.28	83.98	649.15	-6,011.29	1,226.61	998.22	228.38	5.371	
14,100.00	6,946.33	14,074.56	6,818.10	114.84	116.93	83.99	649.38	-6,111.26	1,227.21	995.53	231.68	5.297	
14,200.00	6,943.70	14,174.55	6,815.70	116.50	118.59	84.00	649.60	-6,211.23	1,227.82	992.84	234.97	5.225	
14,300.00	6,941.07	14,274.55	6,813.29	118.15	120.24	84.02	649.83	-6,311.20	1,228.42	990.15	238.27	5.156	
14,400.00	6,938.44	14,374.55	6,810.88	119.80	121.89	84.03	650.05	-6,411.17	1,229.03	987.46	241.57	5.088	
14,500.00	6,935.81	14,474.55	6,808.48	121.45	123.54	84.04	650.28	-6,511.14	1,229.63	984.77	244.87	5.022	
14,600.00	6,933.19	14,574.54	6,806.07	123.10	125.20	84.06	650.50	-6,611.10	1,230.24	982.07	248.17	4.957	
14,700.00	6,930.56	14,674.54	6,803.66	124.75	126.85	84.07	650.73	-6,711.07	1,230.85	979.38	251.47	4.895	
14,800.00	6,927.93	14,774.54	6,801.26	126.41	128.51	84.08	650.95	-6,811.04	1,231.45	976.68	254.77	4.834	
14,900.00	6,925.30	14,874.54	6,798.85	128.06	130.16	84.10	651.18	-6,911.01	1,232.06	973.98	258.08	4.774	
15,000.00	6,922.67	14,974.54	6,796.45	129.72	131.82	84.11	651.40	-7,010.98	1,232.66	971.28	261.38	4.716	
15,100.00	6,920.05	15,074.53	6,794.04	131.37	133.47	84.12	651.63	-7,110.95	1,233.27	968.58	264.69	4.659	
15,200.00	6,917.42	15,174.53	6,791.63	133.03	135.13	84.14	651.85	-7,210.92	1,233.88	965.88	267.99	4.604	
15,300.00	6,914.79	15,274.53	6,789.23	134.68	136.79	84.15	652.07	-7,310.88	1,234.48	963.18	271.30	4.550	
15,392.03	6,912.37	15,366.56	6,787.01	136.21	138.31	84.16	652.28	-7,402.89	1,235.04	960.70	274.34	4.502 SF	

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.39	-1.09	159.81	159.81				
100.00	100.00	101.00	101.00	3.28	3.28	90.39	-1.09	159.81	159.81	152.28	7.53	21.226	
200.00	200.00	201.00	201.00	3.31	3.31	90.39	-1.09	159.81	159.81	152.24	7.57	21.099	
300.00	299.98	298.81	298.81	3.35	3.35	-25.16	-0.85	160.14	158.58	150.92	7.66	20.707	
400.00	399.84	394.43	394.37	3.41	3.41	-26.66	1.07	162.73	156.60	148.83	7.77	20.142	
500.00	499.45	489.79	489.51	3.50	3.50	-29.43	4.87	167.87	154.49	146.56	7.93	19.484	
600.00	598.70	584.72	583.96	3.61	3.60	-33.48	10.53	175.51	152.75	144.63	8.12	18.808	
686.31	683.98	666.18	664.72	3.75	3.71	-37.98	16.86	184.07	152.14	143.81	8.32	18.279 CC	
700.00	697.47	679.06	677.45	3.77	3.73	-38.78	17.98	185.59	152.15	143.80	8.36	18.206 ES	
800.00	795.75	772.71	769.81	3.97	3.89	-45.03	27.19	198.03	154.10	145.45	8.64	17.829	
900.00	893.97	866.56	861.82	4.20	4.08	-51.34	38.20	212.90	161.02	152.03	8.99	17.918	
1,000.00	992.20	964.48	957.59	4.45	4.31	-57.35	50.34	229.31	171.08	161.65	9.43	18.151	
1,100.00	1,090.43	1,062.40	1,053.36	4.73	4.57	-62.67	62.48	245.72	182.84	172.93	9.91	18.449	
1,200.00	1,188.66	1,160.33	1,149.13	5.02	4.85	-67.32	74.62	262.12	196.00	185.56	10.44	18.778	
1,300.00	1,286.89	1,258.25	1,244.91	5.34	5.15	-71.38	86.76	278.53	210.29	199.29	11.00	19.120	
1,400.00	1,385.12	1,356.17	1,340.68	5.66	5.46	-74.92	98.90	294.94	225.50	213.91	11.59	19.460	
1,500.00	1,483.35	1,454.09	1,436.45	6.00	5.79	-78.00	111.04	311.34	241.46	229.26	12.20	19.793	
1,600.00	1,581.57	1,552.02	1,532.22	6.34	6.12	-80.71	123.18	327.75	258.02	245.19	12.83	20.106	
1,700.00	1,679.80	1,649.94	1,628.00	6.69	6.47	-83.08	135.32	344.15	275.08	261.60	13.48	20.402	
1,800.00	1,778.03	1,747.86	1,723.77	7.05	6.82	-85.18	147.46	360.56	292.56	278.41	14.15	20.679	
1,900.00	1,876.26	1,845.79	1,819.54	7.25	7.10	-87.04	159.60	376.97	310.37	296.16	14.21	21.838	
2,000.00	1,974.49	1,943.71	1,915.31	7.29	7.23	-88.70	171.74	393.37	328.47	314.09	14.38	22.848	
2,100.00	2,072.72	2,041.63	2,011.09	7.35	7.28	-90.19	183.88	409.78	346.81	332.32	14.49	23.934	
2,200.00	2,170.95	2,139.56	2,108.86	7.43	7.36	-91.53	196.02	426.18	365.35	350.72	14.64	24.963	
2,300.00	2,269.18	2,237.48	2,202.63	7.52	7.44	-92.74	208.16	442.59	384.07	369.26	14.81	25.928	
2,400.00	2,367.40	2,335.40	2,298.40	7.63	7.55	-93.83	220.30	459.00	402.94	387.92	15.02	26.828	
2,500.00	2,465.63	2,433.32	2,394.18	7.76	7.66	-94.83	232.44	475.40	421.94	406.69	15.25	27.660	
2,600.00	2,563.86	2,531.25	2,489.95	7.90	7.80	-95.75	244.58	491.81	441.06	425.54	15.52	28.423	
2,700.00	2,662.09	2,629.17	2,585.72	8.05	7.94	-96.58	256.72	508.22	460.27	444.46	15.81	29.118	
2,800.00	2,760.32	2,727.09	2,681.49	8.21	8.10	-97.35	268.86	524.62	479.57	463.45	16.12	29.748	
2,900.00	2,858.55	2,825.02	2,777.27	8.39	8.27	-98.06	281.00	541.03	498.95	482.49	16.46	30.315	
3,000.00	2,956.78	2,922.94	2,873.04	8.58	8.45	-98.72	293.14	557.43	518.39	501.58	16.82	30.824	
3,100.00	3,055.01	3,020.86	2,968.81	8.78	8.64	-99.33	305.28	573.84	537.90	520.70	17.20	31.277	
3,200.00	3,153.23	3,118.79	3,064.58	8.99	8.84	-99.90	317.42	590.25	557.46	539.87	17.60	31.678	
3,300.00	3,251.46	3,216.71	3,160.36	9.21	9.06	-100.43	329.56	606.65	577.08	559.06	18.01	32.033	
3,400.00	3,349.69	3,314.63	3,256.13	9.43	9.27	-100.92	341.70	623.06	596.73	578.28	18.45	32.345	
3,500.00	3,447.92	3,412.55	3,351.90	9.67	9.50	-101.39	353.84	639.47	616.43	597.53	18.90	32.618	
3,600.00	3,546.15	3,510.48	3,447.67	9.91	9.74	-101.82	365.98	655.87	636.16	616.80	19.36	32.855	
3,700.00	3,644.38	3,608.40	3,543.45	10.16	9.98	-102.23	378.12	672.28	655.93	636.09	19.84	33.062	
3,800.00	3,742.61	3,706.32	3,639.22	10.41	10.23	-102.61	390.26	688.68	675.72	655.39	20.33	33.238	
3,900.00	3,840.84	3,804.25	3,734.99	10.68	10.48	-102.98	402.40	705.09	695.55	674.72	20.83	33.389	
4,000.00	3,939.06	3,902.17	3,830.76	10.94	10.74	-103.32	414.54	721.50	715.40	694.05	21.34	33.518	
4,100.00	4,037.29	4,000.09	3,926.54	11.21	11.01	-103.64	426.68	737.90	735.27	713.40	21.87	33.626	
4,200.00	4,135.52	4,101.98	4,022.31	11.49	11.29	-103.95	438.82	754.31	755.16	732.75	22.41	33.701	
4,300.00	4,233.75	4,204.06	4,118.08	11.77	11.57	-104.24	450.96	770.72	775.07	752.12	22.96	33.758	
4,400.00	4,331.98	4,306.14	4,213.85	12.06	11.86	-104.52	463.10	787.12	795.01	771.49	23.52	33.802	
4,500.00	4,430.21	4,391.78	4,309.63	12.35	12.11	-104.78	475.24	803.53	814.96	790.91	24.04	33.898	
4,600.00	4,528.44	4,489.71	4,405.40	12.64	12.40	-105.03	487.38	819.93	834.92	810.32	24.60	33.935	
4,700.00	4,626.67	4,587.63	4,501.17	12.93	12.69	-105.27	499.52	836.34	854.90	829.73	25.17	33.962	
4,800.00	4,724.89	4,685.55	4,596.94	13.23	12.98	-105.50	511.66	852.75	874.89	849.14	25.75	33.980	
4,900.00	4,823.12	4,783.48	4,692.72	13.54	13.27	-105.72	523.80	869.15	894.90	868.57	26.33	33.990	
5,000.00	4,921.35	4,881.40	4,788.49	13.84	13.57	-105.92	535.94	885.56	914.91	888.00	26.91	33.994	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	4,979.32	4,884.26	14.15	13.87	-106.12	548.08	901.97	934.94	907.44	27.50	33.992		
5,200.00	5,117.81	5,077.25	4,980.03	14.46	14.18	-106.31	560.22	918.37	954.98	926.88	28.10	33.985		
5,300.00	5,216.04	5,175.17	5,075.81	14.77	14.48	-106.50	572.36	934.78	975.03	946.33	28.70	33.973		
5,400.00	5,314.27	5,273.09	5,171.58	15.08	14.79	-106.67	584.50	951.18	995.09	965.78	29.30	33.958		
5,500.00	5,412.50	5,371.01	5,267.35	15.40	15.10	-106.84	596.64	967.59	1,015.15	985.24	29.91	33.939		
5,600.00	5,510.72	5,468.94	5,363.12	15.71	15.41	-107.00	608.78	984.00	1,035.23	1,004.70	30.52	33.917		
5,700.00	5,608.95	5,566.86	5,458.90	16.03	15.72	-107.16	620.92	1,000.40	1,055.31	1,024.17	31.14	33.892		
5,800.00	5,707.18	5,664.78	5,554.67	16.35	16.04	-107.31	633.06	1,016.81	1,075.40	1,043.64	31.76	33.865		
5,900.00	5,805.41	5,762.71	5,650.44	16.68	16.35	-107.46	645.20	1,033.22	1,095.50	1,063.12	32.38	33.837		
6,000.00	5,903.64	5,860.63	5,746.21	17.00	16.67	-107.60	657.34	1,049.62	1,115.60	1,082.60	33.00	33.806		
6,100.00	6,001.87	5,958.55	5,841.98	17.33	16.99	-107.73	669.48	1,066.03	1,135.71	1,102.08	33.63	33.774		
6,200.00	6,100.10	6,056.48	5,937.76	17.65	17.31	-107.86	681.62	1,082.43	1,155.82	1,121.57	34.26	33.742		
6,300.00	6,198.33	6,154.40	6,033.53	17.98	17.63	-107.99	693.76	1,098.84	1,175.94	1,141.06	34.89	33.708		
6,400.00	6,296.55	6,252.32	6,129.30	18.31	17.95	-108.11	705.91	1,115.25	1,196.07	1,160.55	35.52	33.673		
6,500.00	6,394.83	6,350.24	6,225.07	18.63	18.28	-113.32	718.04	1,131.65	1,216.24	1,180.09	36.15	33.647		
6,600.00	6,494.21	6,447.45	6,320.14	18.81	18.60	173.44	730.10	1,147.94	1,237.70	1,201.05	36.65	33.773		
6,700.00	6,593.31	6,553.28	6,423.96	18.92	18.92	120.09	743.27	1,163.46	1,260.76	1,223.68	37.09	33.994		
6,800.00	6,689.68	6,677.37	6,546.84	18.97	19.16	108.10	758.99	1,161.87	1,283.82	1,246.42	37.39	34.332		
6,900.00	6,780.96	6,808.77	6,673.97	18.98	19.30	102.89	775.43	1,134.08	1,305.81	1,268.25	37.56	34.767		
7,000.00	6,864.89	6,946.97	6,798.55	18.95	19.34	99.66	791.73	1,077.19	1,325.93	1,288.33	37.60	35.263		
7,100.00	6,939.42	7,090.48	6,911.87	18.90	19.30	97.20	806.77	990.92	1,343.43	1,305.84	37.59	35.738		
7,200.00	7,002.70	7,236.82	7,004.72	18.86	19.24	95.09	819.37	878.93	1,357.71	1,320.07	37.64	36.066		
7,300.00	7,053.18	7,382.83	7,069.68	18.85	19.25	93.17	828.52	748.84	1,368.37	1,330.48	37.89	36.115		
7,400.00	7,089.61	7,525.34	7,103.16	18.89	19.46	91.42	833.69	610.73	1,375.25	1,336.86	38.40	35.816		
7,500.00	7,111.10	7,652.31	7,107.21	19.02	19.89	89.96	835.03	484.00	1,378.53	1,339.39	39.14	35.223		
7,600.00	7,117.12	7,751.78	7,104.17	19.24	20.41	89.41	835.28	384.57	1,379.97	1,339.94	40.03	34.477		
7,700.00	7,114.51	7,851.78	7,101.12	19.62	21.08	89.39	835.54	284.62	1,380.64	1,339.49	41.14	33.558		
7,800.00	7,111.88	7,951.78	7,098.07	20.15	21.86	89.38	835.79	184.67	1,381.30	1,338.81	42.50	32.505		
7,900.00	7,109.26	8,051.77	7,095.02	20.84	22.73	89.36	836.05	84.72	1,381.97	1,337.91	44.06	31.362		
8,000.00	7,106.63	8,151.77	7,091.97	21.65	23.69	89.34	836.30	-15.23	1,382.64	1,336.81	45.83	30.170		
8,100.00	7,104.00	8,251.77	7,088.92	22.56	24.73	89.32	836.56	-115.18	1,383.31	1,335.54	47.76	28.962		
8,200.00	7,101.37	8,351.76	7,085.87	23.57	25.83	89.31	836.82	-215.13	1,383.98	1,334.13	49.85	27.763		
8,300.00	7,098.74	8,451.76	7,082.82	24.65	26.98	89.29	837.07	-315.08	1,384.64	1,332.57	52.07	26.592		
8,400.00	7,096.12	8,551.76	7,079.77	25.79	28.19	89.27	837.33	-415.03	1,385.31	1,330.91	54.41	25.462		
8,500.00	7,093.49	8,651.76	7,076.72	26.99	29.44	89.26	837.58	-514.98	1,385.98	1,329.14	56.85	24.381		
8,600.00	7,090.86	8,751.75	7,073.67	28.24	30.73	89.24	837.84	-614.93	1,386.65	1,327.28	59.38	23.354		
8,700.00	7,088.23	8,851.75	7,070.62	29.53	32.05	89.22	838.10	-714.88	1,387.32	1,325.34	61.98	22.382		
8,800.00	7,085.60	8,951.75	7,067.57	30.86	33.41	89.20	838.35	-814.83	1,387.99	1,323.33	64.66	21.466		
8,900.00	7,082.98	9,051.74	7,064.52	32.22	34.79	89.19	838.61	-914.78	1,388.66	1,321.26	67.40	20.605		
9,000.00	7,080.35	9,151.74	7,061.47	33.60	36.19	89.17	838.86	-1,014.73	1,389.33	1,319.14	70.18	19.795		
9,100.00	7,077.72	9,251.74	7,058.42	35.02	37.62	89.15	839.12	-1,114.68	1,390.00	1,316.98	73.02	19.035		
9,200.00	7,075.09	9,351.73	7,055.37	36.45	39.06	89.14	839.37	-1,214.63	1,390.67	1,314.77	75.90	18.322		
9,300.00	7,072.47	9,451.73	7,052.32	37.90	40.52	89.12	839.63	-1,314.58	1,391.34	1,312.52	78.82	17.653		
9,400.00	7,069.84	9,551.73	7,049.27	39.37	42.00	89.10	839.89	-1,414.53	1,392.01	1,310.24	81.76	17.025		
9,500.00	7,067.21	9,651.72	7,046.22	40.86	43.49	89.09	840.14	-1,514.48	1,392.68	1,307.93	84.74	16.434		
9,600.00	7,064.58	9,751.72	7,043.17	42.36	45.00	89.07	840.40	-1,614.43	1,393.35	1,305.60	87.75	15.879		
9,700.00	7,061.95	9,851.72	7,040.12	43.87	46.51	89.05	840.65	-1,714.38	1,394.02	1,303.24	90.78	15.356		
9,800.00	7,059.33	9,951.71	7,037.07	45.39	48.04	89.03	840.91	-1,814.33	1,394.69	1,300.86	93.83	14.864		
9,900.00	7,056.70	10,051.71	7,034.02	46.92	49.57	89.02	841.17	-1,914.28	1,395.36	1,298.46	96.90	14.400		
10,000.00	7,054.07	10,151.71	7,030.97	48.47	51.12	89.00	841.42	-2,014.23	1,396.03	1,296.04	99.99	13.962		
10,100.00	7,051.44	10,251.71	7,027.92	50.02	52.67	88.98	841.68	-2,114.18	1,396.70	1,293.61	103.09	13.548		
10,200.00	7,048.81	10,351.70	7,024.87	51.57	54.22	88.97	841.93	-2,214.13	1,397.37	1,291.16	106.21	13.157		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	7,046.19	10,451.70	7,021.82	53.14	55.79	88.95	842.19	-2,314.08	1,398.04	1,288.70	109.34	12.786	
10,400.00	7,043.56	10,551.70	7,018.77	54.71	57.36	88.93	842.45	-2,414.03	1,398.71	1,286.23	112.49	12.435	
10,500.00	7,040.93	10,651.69	7,015.72	56.29	58.94	88.92	842.70	-2,513.98	1,399.38	1,283.74	115.64	12.101	
10,600.00	7,038.30	10,751.69	7,012.67	57.87	60.52	88.90	842.96	-2,613.93	1,400.05	1,281.25	118.81	11.784	
10,700.00	7,035.67	10,851.69	7,009.62	59.46	62.10	88.88	843.21	-2,713.88	1,400.73	1,278.74	121.98	11.483	
10,800.00	7,033.05	10,951.68	7,006.57	61.05	63.69	88.87	843.47	-2,813.83	1,401.40	1,276.23	125.17	11.196	
10,900.00	7,030.42	11,051.68	7,003.52	62.64	65.29	88.85	843.72	-2,913.78	1,402.07	1,273.71	128.36	10.923	
11,000.00	7,027.79	11,151.68	7,000.47	64.24	66.89	88.83	843.98	-3,013.73	1,402.74	1,271.18	131.56	10.662	
11,100.00	7,025.16	11,251.67	6,997.42	65.84	68.49	88.82	844.24	-3,113.68	1,403.41	1,268.65	134.77	10.414	
11,200.00	7,022.53	11,351.67	6,994.37	67.45	70.09	88.80	844.49	-3,213.63	1,404.08	1,266.10	137.98	10.176	
11,300.00	7,019.91	11,451.67	6,991.32	69.06	71.70	88.78	844.75	-3,313.58	1,404.76	1,263.56	141.20	9.949	
11,400.00	7,017.28	11,551.67	6,988.27	70.67	73.31	88.77	845.00	-3,413.53	1,405.43	1,261.00	144.43	9.731	
11,500.00	7,014.65	11,651.66	6,985.22	72.29	74.92	88.75	845.26	-3,513.48	1,406.10	1,258.45	147.66	9.523	
11,600.00	7,012.02	11,751.66	6,982.17	73.90	76.54	88.73	845.52	-3,613.43	1,406.77	1,255.88	150.89	9.323	
11,700.00	7,009.40	11,851.66	6,979.12	75.52	78.16	88.72	845.77	-3,713.38	1,407.45	1,253.31	154.13	9.131	
11,800.00	7,006.77	11,951.65	6,976.07	77.15	79.78	88.70	846.03	-3,813.33	1,408.12	1,250.74	157.38	8.947	
11,900.00	7,004.14	12,051.65	6,973.02	78.77	81.40	88.68	846.28	-3,913.28	1,408.79	1,248.17	160.63	8.771	
12,000.00	7,001.51	12,151.65	6,969.97	80.40	83.03	88.67	846.54	-4,013.23	1,409.47	1,245.59	163.88	8.601	
12,100.00	6,998.88	12,251.64	6,966.92	82.02	84.65	88.65	846.80	-4,113.18	1,410.14	1,243.00	167.13	8.437	
12,200.00	6,996.26	12,351.64	6,963.87	83.65	86.28	88.63	847.05	-4,213.13	1,410.81	1,240.42	170.39	8.280	
12,300.00	6,993.63	12,451.64	6,960.82	85.28	87.91	88.62	847.31	-4,313.08	1,411.49	1,237.83	173.66	8.128	
12,400.00	6,991.00	12,551.63	6,957.77	86.92	89.54	88.60	847.56	-4,413.03	1,412.16	1,235.24	176.92	7.982	
12,500.00	6,988.37	12,651.63	6,954.72	88.55	91.17	88.58	847.82	-4,512.98	1,412.83	1,232.64	180.19	7.841	
12,600.00	6,985.74	12,751.63	6,951.67	90.19	92.81	88.57	848.07	-4,612.93	1,413.51	1,230.04	183.46	7.705	
12,700.00	6,983.12	12,851.63	6,948.62	91.82	94.44	88.55	848.33	-4,712.88	1,414.18	1,227.44	186.74	7.573	
12,800.00	6,980.49	12,951.62	6,945.57	93.46	96.08	88.53	848.59	-4,812.83	1,414.85	1,224.84	190.01	7.446	
12,900.00	6,977.86	13,051.62	6,942.52	95.10	97.72	88.52	848.84	-4,912.78	1,415.53	1,222.24	193.29	7.323	
13,000.00	6,975.23	13,151.62	6,939.47	96.74	99.36	88.50	849.10	-5,012.73	1,416.20	1,219.63	196.57	7.204	
13,100.00	6,972.60	13,251.61	6,936.42	98.38	101.00	88.49	849.35	-5,112.68	1,416.88	1,217.02	199.86	7.090	
13,200.00	6,969.98	13,351.61	6,933.37	100.03	102.64	88.47	849.61	-5,212.63	1,417.55	1,214.41	203.14	6.978	
13,300.00	6,967.35	13,451.61	6,930.32	101.67	104.28	88.45	849.87	-5,312.58	1,418.22	1,211.80	206.43	6.870	
13,400.00	6,964.72	13,551.60	6,927.27	103.31	105.92	88.44	850.12	-5,412.53	1,418.90	1,209.18	209.72	6.766	
13,500.00	6,962.09	13,651.60	6,924.22	104.96	107.57	88.42	850.38	-5,512.48	1,419.57	1,206.57	213.01	6.664	
13,600.00	6,959.47	13,751.60	6,921.17	106.60	109.21	88.40	850.63	-5,612.43	1,420.25	1,203.95	216.30	6.566	
13,700.00	6,956.84	13,851.59	6,918.12	108.25	110.86	88.39	850.89	-5,712.38	1,420.92	1,201.33	219.59	6.471	
13,800.00	6,954.21	13,951.59	6,915.07	109.90	112.50	88.37	851.15	-5,812.33	1,421.60	1,198.71	222.89	6.378	
13,900.00	6,951.58	14,051.59	6,912.02	111.55	114.15	88.36	851.40	-5,912.28	1,422.27	1,196.09	226.18	6.288	
14,000.00	6,948.95	14,151.59	6,908.97	113.20	115.80	88.34	851.66	-6,012.23	1,422.95	1,193.47	229.48	6.201	
14,100.00	6,946.33	14,251.58	6,905.92	114.84	117.45	88.32	851.91	-6,112.18	1,423.62	1,190.85	232.78	6.116	
14,200.00	6,943.70	14,351.58	6,902.87	116.50	119.10	88.31	852.17	-6,212.13	1,424.30	1,188.22	236.08	6.033	
14,300.00	6,941.07	14,451.58	6,899.82	118.15	120.75	88.29	852.42	-6,312.08	1,424.98	1,185.60	239.38	5.953	
14,400.00	6,938.44	14,551.57	6,896.77	119.80	122.40	88.27	852.68	-6,412.03	1,425.65	1,182.97	242.68	5.875	
14,500.00	6,935.81	14,651.57	6,893.72	121.45	124.05	88.26	852.94	-6,511.98	1,426.33	1,180.34	245.98	5.798	
14,600.00	6,933.19	14,751.57	6,890.67	123.10	125.70	88.24	853.19	-6,611.93	1,427.00	1,177.71	249.29	5.724	
14,700.00	6,930.56	14,851.56	6,887.62	124.75	127.35	88.23	853.45	-6,711.88	1,427.68	1,175.09	252.59	5.652	
14,800.00	6,927.93	14,951.56	6,884.57	126.41	129.01	88.21	853.70	-6,811.83	1,428.36	1,172.46	255.90	5.582	
14,900.00	6,925.30	15,051.56	6,881.52	128.06	130.66	88.19	853.96	-6,911.78	1,429.03	1,169.82	259.21	5.513	
15,000.00	6,922.67	15,151.55	6,878.47	129.72	132.31	88.18	854.22	-7,011.73	1,429.71	1,167.19	262.52	5.446	
15,100.00	6,920.05	15,251.55	6,875.42	131.37	133.97	88.16	854.47	-7,111.68	1,430.39	1,164.56	265.83	5.381	
15,200.00	6,917.42	15,351.55	6,872.37	133.03	135.62	88.15	854.73	-7,211.63	1,431.06	1,161.93	269.14	5.317	
15,300.00	6,914.79	15,451.54	6,869.32	134.68	137.28	88.13	854.98	-7,311.58	1,431.74	1,159.29	272.45	5.255	
15,392.03	6,912.37	15,543.57	6,866.52	136.21	138.80	88.11	855.22	-7,403.57	1,432.36	1,156.87	275.49	5.199 SF	

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	90.46	-1.45	179.85	179.86				
100.00	100.00	101.00	101.00	3.28	3.28	90.46	-1.45	179.85	179.86	172.33	7.53	23.889	
200.00	200.00	201.00	201.00	3.31	3.31	90.46	-1.45	179.85	179.86	172.28	7.57	23.746	
300.00	299.98	298.74	298.74	3.35	3.35	-25.06	-1.17	180.16	178.59	170.94	7.66	23.320	
400.00	399.84	394.21	394.15	3.41	3.41	-26.48	1.00	182.53	176.39	168.61	7.78	22.683	
500.00	499.45	489.36	489.08	3.50	3.50	-29.10	5.29	187.23	173.81	165.88	7.93	21.913	
600.00	598.70	583.99	583.24	3.61	3.60	-32.97	11.67	194.20	171.40	163.27	8.13	21.091	
700.00	697.47	677.92	676.33	3.77	3.73	-38.06	20.08	203.39	169.94	161.58	8.36	20.318	
717.86	715.05	694.61	692.83	3.80	3.76	-39.09	21.79	205.26	169.88	161.47	8.41	20.197 CC, ES	
800.00	795.75	771.03	768.16	3.97	3.88	-44.14	30.44	214.72	170.91	162.26	8.65	19.758	
900.00	893.97	863.45	858.77	4.20	4.07	-50.38	42.71	228.13	176.93	167.95	8.99	19.691	
1,000.00	992.20	958.75	951.70	4.45	4.30	-56.49	56.99	243.74	187.70	178.30	9.40	19.967	
1,100.00	1,090.43	1,056.08	1,046.55	4.73	4.56	-62.02	71.71	259.84	200.71	190.83	9.88	20.315	
1,200.00	1,188.66	1,153.41	1,141.40	5.02	4.85	-66.86	86.43	275.93	215.38	204.98	10.40	20.709	
1,300.00	1,286.89	1,250.74	1,236.25	5.34	5.16	-71.08	101.16	292.02	231.42	220.46	10.96	21.123	
1,400.00	1,385.12	1,348.06	1,331.10	5.66	5.48	-74.74	115.88	308.12	248.54	237.00	11.54	21.538	
1,500.00	1,483.35	1,445.39	1,425.96	6.00	5.81	-77.94	130.60	324.21	266.54	254.40	12.14	21.950	
1,600.00	1,581.57	1,542.72	1,520.81	6.34	6.16	-80.73	145.32	340.31	285.25	272.48	12.77	22.336	
1,700.00	1,679.80	1,640.04	1,615.66	6.69	6.52	-83.17	160.04	356.40	304.55	291.14	13.42	22.702	
1,800.00	1,778.03	1,737.37	1,710.51	7.05	6.88	-85.33	174.76	372.49	324.33	310.25	14.07	23.045	
1,900.00	1,876.26	1,834.70	1,805.36	7.25	7.19	-87.24	189.48	388.59	344.50	330.35	14.15	24.345	
2,000.00	1,974.49	1,932.03	1,900.22	7.29	7.35	-88.94	204.21	404.68	365.00	350.68	14.33	25.476	
2,100.00	2,072.72	2,029.35	1,995.07	7.35	7.40	-90.46	218.93	420.77	385.78	371.35	14.44	26.720	
2,200.00	2,170.95	2,126.68	2,089.92	7.43	7.48	-91.82	233.65	436.87	406.80	392.22	14.58	27.900	
2,300.00	2,269.18	2,224.01	2,184.77	7.52	7.57	-93.05	248.37	452.96	428.01	413.26	14.75	29.009	
2,400.00	2,367.40	2,321.34	2,279.62	7.63	7.68	-94.17	263.09	469.05	449.40	434.44	14.96	30.042	
2,500.00	2,465.63	2,418.66	2,374.47	7.76	7.80	-95.18	277.81	485.15	470.94	455.75	15.19	30.997	
2,600.00	2,563.86	2,515.99	2,469.33	7.90	7.93	-96.11	292.53	501.24	492.60	477.15	15.46	31.873	
2,700.00	2,662.09	2,613.32	2,564.18	8.05	8.08	-96.95	307.26	517.33	514.38	498.64	15.74	32.672	
2,800.00	2,760.32	2,710.64	2,659.03	8.21	8.25	-97.73	321.98	533.43	536.26	520.20	16.06	33.395	
2,900.00	2,858.55	2,807.97	2,753.88	8.39	8.42	-98.45	336.70	549.52	558.22	541.83	16.40	34.047	
3,000.00	2,956.78	2,905.30	2,848.73	8.58	8.61	-99.11	351.42	565.62	580.27	563.51	16.76	34.631	
3,100.00	3,055.01	3,002.63	2,943.58	8.78	8.81	-99.73	366.14	581.71	602.38	585.24	17.14	35.151	
3,200.00	3,153.23	3,099.95	3,038.44	8.99	9.01	-100.30	380.86	597.80	624.55	607.01	17.54	35.613	
3,300.00	3,251.46	3,202.72	3,133.29	9.21	9.24	-100.83	395.58	613.90	646.78	628.81	17.97	35.997	
3,400.00	3,349.69	3,305.39	3,228.14	9.43	9.48	-101.33	410.31	629.99	669.06	650.64	18.42	36.330	
3,500.00	3,447.92	3,408.07	3,322.99	9.67	9.73	-101.80	425.03	646.08	691.38	672.50	18.88	36.618	
3,600.00	3,546.15	3,489.26	3,417.84	9.91	9.93	-102.23	439.75	662.18	713.75	694.44	19.31	36.962	
3,700.00	3,644.38	3,586.59	3,512.70	10.16	10.18	-102.64	454.47	678.27	736.15	716.36	19.79	37.198	
3,800.00	3,742.61	3,683.92	3,607.55	10.41	10.44	-103.03	469.19	694.36	758.58	738.30	20.28	37.402	
3,900.00	3,840.84	3,781.24	3,702.40	10.68	10.70	-103.39	483.91	710.46	781.05	760.26	20.79	37.576	
4,000.00	3,939.06	3,878.57	3,797.25	10.94	10.97	-103.74	498.63	726.55	803.54	782.24	21.30	37.724	
4,100.00	4,037.29	3,975.90	3,892.10	11.21	11.24	-104.06	513.36	742.64	826.06	804.23	21.83	37.848	
4,200.00	4,135.52	4,073.22	3,986.95	11.49	11.52	-104.37	528.08	758.74	848.60	826.24	22.36	37.952	
4,300.00	4,233.75	4,170.55	4,081.81	11.77	11.80	-104.66	542.80	774.83	871.17	848.27	22.90	38.038	
4,400.00	4,331.98	4,267.88	4,176.66	12.06	12.09	-104.94	557.52	790.93	893.76	870.30	23.45	38.107	
4,500.00	4,430.21	4,365.21	4,271.51	12.35	12.38	-105.20	572.24	807.02	916.36	892.35	24.01	38.163	
4,600.00	4,528.44	4,462.53	4,366.36	12.64	12.67	-105.45	586.96	823.11	938.98	914.41	24.58	38.205	
4,700.00	4,626.67	4,559.86	4,461.21	12.93	12.97	-105.69	601.68	839.21	961.62	936.47	25.15	38.236	
4,800.00	4,724.89	4,657.19	4,556.06	13.23	13.27	-105.92	616.41	855.30	984.28	958.55	25.73	38.258	
4,900.00	4,823.12	4,754.51	4,650.92	13.54	13.57	-106.14	631.13	871.39	1,006.94	980.63	26.31	38.271	
5,000.00	4,921.35	4,851.84	4,745.77	13.84	13.87	-106.34	645.85	887.49	1,029.63	1,002.73	26.90	38.276	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	4,949.17	4,840.62	14.15	14.18	-106.54	660.57	903.58	1,052.32	1,024.83	27.49	38.274		
5,200.00	5,117.81	5,046.50	4,935.47	14.46	14.49	-106.73	675.29	919.67	1,075.02	1,046.93	28.09	38.267		
5,300.00	5,216.04	5,143.82	5,030.32	14.77	14.81	-106.92	690.01	935.77	1,097.74	1,069.04	28.70	38.254		
5,400.00	5,314.27	5,241.15	5,125.17	15.08	15.12	-107.09	704.73	951.86	1,120.47	1,091.16	29.30	38.237		
5,500.00	5,412.50	5,338.48	5,220.03	15.40	15.44	-107.26	719.46	967.95	1,143.20	1,113.29	29.91	38.216		
5,600.00	5,510.72	5,435.80	5,314.88	15.71	15.76	-107.42	734.18	984.05	1,165.95	1,135.42	30.53	38.192		
5,700.00	5,608.95	5,533.13	5,409.73	16.03	16.08	-107.58	748.90	1,000.14	1,188.70	1,157.55	31.15	38.165		
5,800.00	5,707.18	5,630.46	5,504.58	16.35	16.40	-107.73	763.62	1,016.24	1,211.46	1,179.69	31.77	38.135		
5,900.00	5,805.41	5,727.79	5,599.43	16.68	16.73	-107.87	778.34	1,032.33	1,234.23	1,201.84	32.39	38.103		
6,000.00	5,903.64	5,825.11	5,694.29	17.00	17.05	-108.01	793.06	1,048.42	1,257.01	1,223.99	33.02	38.069		
6,100.00	6,001.87	5,922.44	5,789.14	17.33	17.38	-108.15	807.78	1,064.52	1,279.79	1,246.14	33.65	38.033		
6,200.00	6,100.10	6,019.77	5,883.99	17.65	17.71	-108.27	822.51	1,080.61	1,302.58	1,268.30	34.28	37.996		
6,300.00	6,198.33	6,117.09	5,978.84	17.98	18.04	-108.40	837.23	1,096.70	1,325.37	1,290.46	34.92	37.958		
6,400.00	6,296.55	6,214.42	6,073.69	18.31	18.37	-108.52	851.95	1,112.80	1,348.18	1,312.62	35.55	37.919		
6,500.00	6,394.83	6,311.75	6,168.54	18.63	18.70	-113.79	866.67	1,128.89	1,371.02	1,334.83	36.18	37.890		
6,600.00	6,494.21	6,408.37	6,262.71	18.81	19.03	172.67	881.29	1,144.87	1,395.05	1,358.36	36.69	38.024		
6,700.00	6,593.31	6,502.12	6,354.07	18.92	19.35	118.90	895.47	1,160.37	1,420.63	1,383.52	37.10	38.288		
6,800.00	6,689.68	6,590.68	6,440.38	18.97	19.66	106.66	908.86	1,175.01	1,447.84	1,410.41	37.43	38.683		
6,900.00	6,780.96	6,709.38	6,557.09	18.98	19.96	101.99	927.11	1,184.84	1,476.11	1,438.38	37.74	39.116		
7,000.00	6,864.49	6,847.55	6,692.32	18.95	20.19	99.55	948.65	1,168.54	1,503.62	1,465.66	37.96	39.611		
7,100.00	6,939.42	7,007.08	6,839.71	18.90	20.30	98.06	972.65	1,113.64	1,528.98	1,490.90	38.08	40.153		
7,200.00	7,002.70	7,189.77	6,985.74	18.86	20.28	96.93	997.15	1,007.71	1,550.52	1,512.39	38.13	40.660		
7,300.00	7,053.18	7,391.01	7,104.91	18.85	20.16	95.70	1,018.17	847.97	1,566.59	1,528.27	38.31	40.891		
7,400.00	7,089.61	7,597.66	7,169.93	18.89	20.15	94.09	1,031.15	653.20	1,576.07	1,537.21	38.86	40.557		
7,500.00	7,111.10	7,758.59	7,176.85	19.02	20.55	92.53	1,034.49	492.77	1,579.36	1,539.66	39.70	39.779		
7,600.00	7,117.12	7,858.05	7,173.78	19.24	21.07	92.00	1,035.41	393.36	1,581.05	1,540.46	40.59	38.953		
7,700.00	7,114.51	7,958.04	7,170.68	19.62	21.75	91.98	1,036.32	293.43	1,582.35	1,540.66	41.70	37.950		
7,800.00	7,111.88	8,058.03	7,167.59	20.15	22.54	91.96	1,037.24	193.49	1,583.66	1,540.62	43.04	36.796		
7,900.00	7,109.26	8,158.02	7,164.50	20.84	23.42	91.94	1,038.15	93.55	1,584.97	1,540.37	44.59	35.541		
8,000.00	7,106.63	8,258.01	7,161.41	21.65	24.38	91.92	1,039.07	-6.39	1,586.27	1,539.93	46.34	34.228		
8,100.00	7,104.00	8,358.00	7,158.32	22.56	25.42	91.91	1,039.98	-106.33	1,587.58	1,539.32	48.26	32.894		
8,200.00	7,101.37	8,457.99	7,155.22	23.57	26.51	91.89	1,040.90	-206.26	1,588.89	1,538.55	50.34	31.566		
8,300.00	7,098.74	8,557.98	7,152.13	24.65	27.66	91.87	1,041.81	-306.20	1,590.19	1,537.65	52.54	30.266		
8,400.00	7,096.12	8,657.98	7,149.04	25.79	28.86	91.85	1,042.73	-406.14	1,591.50	1,536.64	54.86	29.009		
8,500.00	7,093.49	8,757.97	7,145.95	26.99	30.10	91.83	1,043.64	-506.08	1,592.81	1,535.52	57.29	27.804		
8,600.00	7,090.86	8,857.96	7,142.86	28.24	31.38	91.81	1,044.56	-606.02	1,594.12	1,534.32	59.80	26.657		
8,700.00	7,088.23	8,957.95	7,139.76	29.53	32.69	91.80	1,045.48	-705.95	1,595.42	1,533.03	62.39	25.570		
8,800.00	7,085.60	9,057.94	7,136.67	30.86	34.04	91.78	1,046.39	-805.89	1,596.73	1,531.68	65.06	24.544		
8,900.00	7,082.98	9,157.93	7,133.58	32.22	35.41	91.76	1,047.31	-905.83	1,598.04	1,530.26	67.78	23.577		
9,000.00	7,080.35	9,257.92	7,130.49	33.60	36.80	91.74	1,048.22	-1,005.77	1,599.35	1,528.79	70.56	22.667		
9,100.00	7,077.72	9,357.91	7,127.39	35.02	38.22	91.72	1,049.14	-1,105.71	1,600.66	1,527.27	73.38	21.812		
9,200.00	7,075.09	9,457.90	7,124.30	36.45	39.65	91.71	1,050.05	-1,205.65	1,601.96	1,525.71	76.25	21.009		
9,300.00	7,072.47	9,557.89	7,121.21	37.90	41.11	91.69	1,050.97	-1,305.58	1,603.27	1,524.12	79.16	20.254		
9,400.00	7,069.84	9,657.88	7,118.12	39.37	42.58	91.67	1,051.88	-1,405.52	1,604.58	1,522.49	82.10	19.545		
9,500.00	7,067.21	9,757.87	7,115.03	40.86	44.06	91.65	1,052.80	-1,505.46	1,605.89	1,520.83	85.07	18.878		
9,600.00	7,064.58	9,857.86	7,111.93	42.36	45.55	91.63	1,053.72	-1,605.40	1,607.20	1,519.14	88.06	18.251		
9,700.00	7,061.95	9,957.85	7,108.84	43.87	47.06	91.62	1,054.63	-1,705.34	1,608.51	1,517.43	91.08	17.660		
9,800.00	7,059.33	10,057.84	7,105.75	45.39	48.58	91.60	1,055.55	-1,805.27	1,609.82	1,515.69	94.13	17.103		
9,900.00	7,056.70	10,157.83	7,102.66	46.92	50.11	91.58	1,056.46	-1,905.21	1,611.13	1,513.94	97.19	16.577		
10,000.00	7,054.07	10,257.82	7,099.57	48.47	51.64	91.56	1,057.38	-2,005.15	1,612.44	1,512.17	100.27	16.081		
10,100.00	7,051.44	10,357.81	7,096.47	50.02	53.19	91.54	1,058.29	-2,105.09	1,613.75	1,510.38	103.37	15.612		
10,200.00	7,048.81	10,457.80	7,093.38	51.57	54.74	91.53	1,059.21	-2,205.03	1,615.06	1,508.58	106.48	15.168		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	7,046.19	10,557.79	7,090.29	53.14	56.30	91.51	1,060.12	-2,304.97	1,616.37	1,506.76	109.61	14.747	
10,400.00	7,043.56	10,657.78	7,087.20	54.71	57.86	91.49	1,061.04	-2,404.90	1,617.68	1,504.93	112.75	14.348	
10,500.00	7,040.93	10,757.77	7,084.11	56.29	59.43	91.47	1,061.96	-2,504.84	1,618.99	1,503.09	115.90	13.969	
10,600.00	7,038.30	10,857.76	7,081.01	57.87	61.01	91.46	1,062.87	-2,604.78	1,620.30	1,501.24	119.06	13.609	
10,700.00	7,035.67	10,957.75	7,077.92	59.46	62.59	91.44	1,063.79	-2,704.72	1,621.61	1,499.38	122.23	13.267	
10,800.00	7,033.05	11,057.74	7,074.83	61.05	64.17	91.42	1,064.70	-2,804.66	1,622.92	1,497.51	125.41	12.941	
10,900.00	7,030.42	11,157.73	7,071.74	62.64	65.76	91.40	1,065.62	-2,904.59	1,624.23	1,495.64	128.60	12.630	
11,000.00	7,027.79	11,257.72	7,068.65	64.24	67.36	91.39	1,066.53	-3,004.53	1,625.55	1,493.75	131.80	12.334	
11,100.00	7,025.16	11,357.71	7,065.55	65.84	68.95	91.37	1,067.45	-3,104.47	1,626.86	1,491.86	135.00	12.051	
11,200.00	7,022.53	11,457.70	7,062.46	67.45	70.55	91.35	1,068.36	-3,204.41	1,628.17	1,489.96	138.21	11.780	
11,300.00	7,019.91	11,557.69	7,059.37	69.06	72.16	91.33	1,069.28	-3,304.35	1,629.48	1,488.05	141.43	11.522	
11,400.00	7,017.28	11,657.68	7,056.28	70.67	73.76	91.32	1,070.19	-3,404.29	1,630.79	1,486.14	144.65	11.274	
11,500.00	7,014.65	11,757.67	7,053.19	72.29	75.37	91.30	1,071.11	-3,504.22	1,632.11	1,484.23	147.88	11.037	
11,600.00	7,012.02	11,857.66	7,050.09	73.90	76.99	91.28	1,072.03	-3,604.16	1,633.42	1,482.31	151.11	10.809	
11,700.00	7,009.40	11,957.65	7,047.00	75.52	78.60	91.26	1,072.94	-3,704.10	1,634.73	1,480.38	154.35	10.591	
11,800.00	7,006.77	12,057.64	7,043.91	77.15	80.22	91.25	1,073.86	-3,804.04	1,636.04	1,478.45	157.59	10.381	
11,900.00	7,004.14	12,157.63	7,040.82	78.77	81.84	91.23	1,074.77	-3,903.98	1,637.36	1,476.52	160.84	10.180	
12,000.00	7,001.51	12,257.62	7,037.73	80.40	83.46	91.21	1,075.69	-4,003.91	1,638.67	1,474.58	164.09	9.986	
12,100.00	6,998.88	12,357.61	7,034.63	82.02	85.08	91.19	1,076.60	-4,103.85	1,639.98	1,472.64	167.35	9.800	
12,200.00	6,996.26	12,457.60	7,031.54	83.65	86.71	91.18	1,077.52	-4,203.79	1,641.29	1,470.69	170.60	9.621	
12,300.00	6,993.63	12,557.59	7,028.45	85.28	88.33	91.16	1,078.43	-4,303.73	1,642.61	1,468.74	173.86	9.448	
12,400.00	6,991.00	12,657.58	7,025.36	86.92	89.96	91.14	1,079.35	-4,403.67	1,643.92	1,466.79	177.13	9.281	
12,500.00	6,988.37	12,757.57	7,022.26	88.55	91.59	91.13	1,080.27	-4,503.60	1,645.23	1,464.84	180.40	9.120	
12,600.00	6,985.74	12,857.56	7,019.17	90.19	93.23	91.11	1,081.18	-4,603.54	1,646.55	1,462.88	183.67	8.965	
12,700.00	6,983.12	12,957.55	7,016.08	91.82	94.86	91.09	1,082.10	-4,703.48	1,647.86	1,460.92	186.94	8.815	
12,800.00	6,980.49	13,057.54	7,012.99	93.46	96.49	91.08	1,083.01	-4,803.42	1,649.18	1,458.96	190.22	8.670	
12,900.00	6,977.86	13,157.53	7,009.90	95.10	98.13	91.06	1,083.93	-4,903.36	1,650.49	1,457.00	193.49	8.530	
13,000.00	6,975.23	13,257.52	7,006.80	96.74	99.77	91.04	1,084.84	-5,003.30	1,651.80	1,455.03	196.78	8.394	
13,100.00	6,972.60	13,357.51	7,003.71	98.38	101.40	91.02	1,085.76	-5,103.23	1,653.12	1,453.06	200.06	8.263	
13,200.00	6,969.98	13,457.50	7,000.62	100.03	103.04	91.01	1,086.67	-5,203.17	1,654.43	1,451.09	203.34	8.136	
13,300.00	6,967.35	13,557.49	6,997.53	101.67	104.68	90.99	1,087.59	-5,303.11	1,655.75	1,449.12	206.63	8.013	
13,400.00	6,964.72	13,657.48	6,994.44	103.31	106.32	90.97	1,088.50	-5,403.05	1,657.06	1,447.15	209.92	7.894	
13,500.00	6,962.09	13,757.47	6,991.34	104.96	107.97	90.96	1,089.42	-5,502.99	1,658.38	1,445.17	213.21	7.778	
13,600.00	6,959.47	13,857.46	6,988.25	106.60	109.61	90.94	1,090.34	-5,602.92	1,659.69	1,443.19	216.50	7.666	
13,700.00	6,956.84	13,957.45	6,985.16	108.25	111.25	90.92	1,091.25	-5,702.86	1,661.01	1,441.21	219.79	7.557	
13,800.00	6,954.21	14,057.44	6,982.07	109.90	112.90	90.91	1,092.17	-5,802.80	1,662.32	1,439.24	223.09	7.451	
13,900.00	6,951.58	14,157.43	6,978.98	111.55	114.54	90.89	1,093.08	-5,902.74	1,663.64	1,437.25	226.39	7.349	
14,000.00	6,948.95	14,257.42	6,975.88	113.20	116.19	90.87	1,094.00	-6,002.68	1,664.96	1,435.27	229.68	7.249	
14,100.00	6,946.33	14,357.41	6,972.79	114.84	117.84	90.86	1,094.91	-6,102.62	1,666.27	1,433.29	232.98	7.152	
14,200.00	6,943.70	14,457.40	6,969.70	116.50	119.49	90.84	1,095.83	-6,202.55	1,667.59	1,431.30	236.29	7.058	
14,300.00	6,941.07	14,557.39	6,966.61	118.15	121.13	90.82	1,096.74	-6,302.49	1,668.90	1,429.32	239.59	6.966	
14,400.00	6,938.44	14,657.39	6,963.52	119.80	122.78	90.81	1,097.66	-6,402.43	1,670.22	1,427.33	242.89	6.876	
14,500.00	6,935.81	14,757.38	6,960.42	121.45	124.43	90.79	1,098.58	-6,502.37	1,671.54	1,425.34	246.20	6.789	
14,600.00	6,933.19	14,857.37	6,957.33	123.10	126.08	90.77	1,099.49	-6,602.31	1,672.85	1,423.35	249.50	6.705	
14,700.00	6,930.56	14,957.36	6,954.24	124.75	127.74	90.76	1,100.41	-6,702.24	1,674.17	1,421.36	252.81	6.622	
14,800.00	6,927.93	15,057.35	6,951.15	126.41	129.39	90.74	1,101.32	-6,802.18	1,675.49	1,419.37	256.12	6.542	
14,900.00	6,925.30	15,157.34	6,948.06	128.06	131.04	90.72	1,102.24	-6,902.12	1,676.80	1,417.38	259.42	6.464	
15,000.00	6,922.67	15,257.33	6,944.96	129.72	132.69	90.71	1,103.15	-7,002.06	1,678.12	1,415.39	262.73	6.387	
15,100.00	6,920.05	15,357.32	6,941.87	131.37	134.35	90.69	1,104.07	-7,102.00	1,679.44	1,413.39	266.05	6.313	
15,200.00	6,917.42	15,457.31	6,938.78	133.03	136.00	90.67	1,104.98	-7,201.93	1,680.76	1,411.40	269.36	6.240	
15,300.00	6,914.79	15,557.30	6,935.69	134.68	137.65	90.66	1,105.90	-7,301.87	1,682.07	1,409.41	272.67	6.169	
15,392.03	6,912.37	15,649.32	6,932.84	136.21	139.17	90.64	1,106.74	-7,393.85	1,683.29	1,407.57	275.72	6.105 SF	

# Hewlett-Packard

## Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.35	-0.36	59.86	59.86				
100.00	100.00	100.00	100.00	3.28	3.28	90.35	-0.36	59.86	59.86	52.33	7.53	7.951	
200.00	200.00	200.00	200.00	3.31	3.31	90.35	-0.36	59.86	59.86	52.29	7.57	7.903	
300.00	299.98	300.02	299.98	3.35	3.35	-25.59	-0.36	59.86	58.28	50.62	7.66	7.608	
400.00	399.84	400.16	399.84	3.41	3.42	-28.05	-0.36	59.86	53.61	45.82	7.79	6.882	
500.00	499.45	500.55	499.45	3.50	3.50	-33.22	-0.36	59.86	46.09	38.13	7.97	5.787	
600.00	598.70	601.30	598.70	3.61	3.61	-43.86	-0.36	59.86	36.49	28.30	8.19	4.457	
700.00	697.47	702.53	697.47	3.77	3.74	-67.09	-0.36	59.86	27.37	18.91	8.47	3.233	
760.70	757.20	757.20	757.20	3.89	3.81	-90.00	-0.36	59.86	25.16	16.50	8.66	2.905 CC, ES	
800.00	795.75	795.75	795.75	3.97	3.87	-106.67	-0.36	59.86	26.30	17.51	8.79	2.994	
900.00	893.97	894.41	894.40	4.20	4.01	-133.69	-0.42	61.41	35.89	26.80	9.09	3.948	
1,000.00	992.20	994.05	993.90	4.45	4.16	-144.39	-0.59	66.42	47.98	38.57	9.41	5.098	
1,100.00	1,090.43	1,094.42	1,093.91	4.73	4.32	-147.98	-0.89	74.97	58.98	49.21	9.77	6.035	
1,200.00	1,188.66	1,195.30	1,194.05	5.02	4.51	-148.07	-1.31	87.07	68.07	57.89	10.18	6.688	
1,300.00	1,286.89	1,296.43	1,293.95	5.34	4.73	-145.91	-1.86	102.74	75.19	64.55	10.64	7.070	
1,400.00	1,385.12	1,403.46	1,392.41	5.66	4.98	-142.60	-2.49	120.78	81.09	69.92	11.17	7.259	
1,500.00	1,483.35	1,503.74	1,490.48	6.00	5.24	-139.68	-3.12	138.87	87.17	75.44	11.73	7.431	
1,600.00	1,581.57	1,604.02	1,588.55	6.34	5.52	-137.14	-3.76	156.97	93.45	81.13	12.32	7.584	
1,700.00	1,679.80	1,704.29	1,686.61	6.69	5.81	-134.93	-4.39	175.06	99.89	86.95	12.94	7.720	
1,800.00	1,778.03	1,804.57	1,784.68	7.05	6.10	-132.99	-5.02	193.15	106.45	92.88	13.57	7.844	
1,900.00	1,876.26	1,904.85	1,882.74	7.25	6.26	-131.27	-5.65	211.25	113.13	99.57	13.55	8.348	
2,000.00	1,974.49	2,005.13	1,980.81	7.29	6.30	-129.75	-6.28	229.34	119.89	106.24	13.65	8.781	
2,100.00	2,072.72	2,105.40	2,078.87	7.35	6.36	-128.39	-6.91	247.43	126.73	112.94	13.79	9.191	
2,200.00	2,170.95	2,205.68	2,176.94	7.43	6.43	-127.17	-7.55	265.53	133.63	119.68	13.95	9.576	
2,300.00	2,269.18	2,305.96	2,275.01	7.52	6.52	-126.07	-8.18	283.62	140.59	126.44	14.15	9.934	
2,400.00	2,367.40	2,406.23	2,373.07	7.63	6.63	-125.07	-8.81	301.71	147.59	133.21	14.38	10.263	
2,500.00	2,465.63	2,506.51	2,471.14	7.76	6.76	-124.17	-9.44	319.81	154.64	140.00	14.64	10.564	
2,600.00	2,563.86	2,606.79	2,569.20	7.90	6.90	-123.34	-10.07	337.90	161.72	146.79	14.92	10.836	
2,700.00	2,662.09	2,692.94	2,667.27	8.05	7.03	-122.59	-10.70	356.00	168.83	153.61	15.21	11.097	
2,800.00	2,760.32	2,807.34	2,765.34	8.21	7.23	-121.89	-11.34	374.09	175.96	160.39	15.57	11.299	
2,900.00	2,858.55	2,907.62	2,863.40	8.39	7.41	-121.25	-11.97	392.18	183.12	167.19	15.93	11.493	
3,000.00	2,956.78	3,007.89	2,961.47	8.58	7.60	-120.66	-12.60	410.28	190.31	173.99	16.32	11.664	
3,100.00	3,055.01	3,108.17	3,059.53	8.78	7.81	-120.11	-13.23	428.37	197.51	180.79	16.72	11.813	
3,200.00	3,153.23	3,208.45	3,157.60	8.99	8.02	-119.59	-13.86	446.46	204.72	187.58	17.14	11.943	
3,300.00	3,251.46	3,308.72	3,255.67	9.21	8.25	-119.12	-14.50	464.56	211.96	194.37	17.58	12.055	
3,400.00	3,349.69	3,409.00	3,353.73	9.43	8.48	-118.67	-15.13	482.65	219.20	201.16	18.04	12.152	
3,500.00	3,447.92	3,509.28	3,451.80	9.67	8.72	-118.26	-15.76	500.74	226.46	207.95	18.51	12.234	
3,600.00	3,546.15	3,609.56	3,549.86	9.91	8.96	-117.87	-16.39	518.84	233.73	214.73	19.00	12.304	
3,700.00	3,644.38	3,709.83	3,647.93	10.16	9.22	-117.50	-17.02	536.93	241.01	221.51	19.50	12.362	
3,800.00	3,742.61	3,789.89	3,746.00	10.41	9.43	-117.15	-17.65	555.03	248.30	228.34	19.95	12.443	
3,900.00	3,840.84	3,889.61	3,844.06	10.68	9.69	-116.83	-18.29	573.12	255.60	235.12	20.48	12.483	
4,000.00	3,939.06	3,989.34	3,942.13	10.94	9.96	-116.52	-18.92	591.21	262.90	241.90	21.01	12.516	
4,100.00	4,037.29	4,089.06	4,040.19	11.21	10.23	-116.23	-19.55	609.31	270.22	248.67	21.55	12.542	
4,200.00	4,135.52	4,188.78	4,138.26	11.49	10.51	-115.95	-20.18	627.40	277.53	255.44	22.09	12.561	
4,300.00	4,233.75	4,288.51	4,236.33	11.77	10.79	-115.69	-20.81	645.49	284.86	262.21	22.65	12.575	
4,400.00	4,331.98	4,388.23	4,334.39	12.06	11.08	-115.44	-21.45	663.59	292.19	268.97	23.22	12.585	
4,500.00	4,430.21	4,487.95	4,432.46	12.35	11.36	-115.21	-22.08	681.68	299.53	275.74	23.79	12.591	
4,600.00	4,528.44	4,587.68	4,530.52	12.64	11.66	-114.98	-22.71	699.77	306.87	282.50	24.37	12.593	
4,700.00	4,626.67	4,687.40	4,628.59	12.93	11.95	-114.77	-23.34	717.87	314.21	289.26	24.95	12.592	
4,800.00	4,724.89	4,787.12	4,726.66	13.23	12.25	-114.56	-23.97	735.96	321.56	296.02	25.54	12.589	
4,900.00	4,823.12	4,886.85	4,824.72	13.54	12.55	-114.37	-24.60	754.06	328.91	302.78	26.14	12.583	
5,000.00	4,921.35	4,986.57	4,922.79	13.84	12.85	-114.18	-25.24	772.15	336.27	309.53	26.74	12.575	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	5,086.29	5,020.85	14.15	13.16	-114.00	-25.87	790.24	343.63	316.29	27.35	12.566	
5,200.00	5,117.81	5,186.02	5,118.92	14.46	13.46	-113.83	-26.50	808.34	351.00	323.04	27.96	12.555	
5,300.00	5,216.04	5,285.74	5,216.98	14.77	13.77	-113.67	-27.13	826.43	358.36	329.79	28.57	12.543	
5,400.00	5,314.27	5,385.46	5,315.05	15.08	14.08	-113.51	-27.76	844.52	365.73	336.54	29.19	12.530	
5,500.00	5,412.50	5,485.18	5,413.12	15.40	14.40	-113.36	-28.40	862.62	373.10	343.29	29.81	12.516	
5,600.00	5,510.72	5,584.91	5,511.18	15.71	14.71	-113.21	-29.03	880.71	380.48	350.04	30.43	12.501	
5,700.00	5,608.95	5,684.63	5,609.25	16.03	15.03	-113.07	-29.66	898.80	387.85	356.79	31.06	12.486	
5,800.00	5,707.18	5,784.35	5,707.31	16.35	15.34	-112.94	-30.29	916.90	395.23	363.54	31.69	12.470	
5,900.00	5,805.41	5,884.08	5,805.38	16.68	15.66	-112.81	-30.92	934.99	402.61	370.29	32.33	12.454	
6,000.00	5,903.64	5,983.80	5,903.45	17.00	15.98	-112.68	-31.55	953.08	410.00	377.03	32.96	12.438	
6,100.00	6,001.87	6,083.52	6,001.51	17.33	16.30	-112.56	-32.19	971.18	417.38	383.78	33.60	12.421	
6,200.00	6,100.10	6,183.25	6,099.58	17.65	16.62	-112.45	-32.82	989.27	424.77	390.53	34.24	12.404	
6,300.00	6,198.33	6,282.97	6,197.64	17.98	16.95	-112.33	-33.45	1,007.37	432.16	397.27	34.89	12.387	
6,400.00	6,296.55	6,382.69	6,295.71	18.31	17.27	-112.22	-34.08	1,025.46	439.55	404.01	35.53	12.370	
6,500.00	6,394.83	6,482.41	6,393.77	18.63	17.59	-116.96	-34.71	1,043.55	446.96	410.79	36.17	12.356	
6,600.00	6,494.21	6,581.29	6,491.01	18.81	17.92	172.08	-35.34	1,061.49	455.19	418.44	36.75	12.387	
6,700.00	6,593.31	6,679.59	6,587.78	18.92	18.22	122.03	-35.96	1,078.72	465.48	428.18	37.29	12.482	
6,800.00	6,689.68	6,786.89	6,694.79	18.97	18.42	113.61	-36.56	1,084.54	477.79	440.14	37.65	12.690	
6,900.00	6,780.96	6,900.72	6,807.66	18.98	18.53	111.82	-37.07	1,071.00	491.22	453.43	37.79	12.998	
7,000.00	6,864.89	7,021.69	6,922.92	18.95	18.56	111.77	-37.45	1,034.87	504.93	467.22	37.71	13.390	
7,100.00	6,939.42	7,150.08	7,035.41	18.90	18.53	112.21	-37.66	973.46	517.96	480.52	37.44	13.833	
7,200.00	7,002.70	7,285.47	7,138.18	18.86	18.49	112.63	-37.64	885.70	529.31	492.21	37.11	14.264	
7,300.00	7,053.18	7,426.62	7,223.07	18.85	18.52	112.76	-37.38	773.30	538.07	501.18	36.89	14.584	
7,400.00	7,089.61	7,571.29	7,282.24	18.89	18.70	112.45	-36.86	641.62	543.55	506.53	37.02	14.684	
7,500.00	7,111.10	7,716.59	7,310.28	19.02	19.07	111.64	-36.11	499.38	545.41	507.81	37.59	14.508	
7,587.84	7,117.22	7,826.30	7,310.77	19.21	19.50	110.81	-35.42	389.75	544.68	506.28	38.40	14.185	
7,600.00	7,117.12	7,838.45	7,310.37	19.24	19.56	110.78	-35.34	377.60	544.71	506.20	38.51	14.146	
7,700.00	7,114.51	7,938.44	7,307.10	19.62	20.08	110.67	-34.70	277.67	545.46	505.92	39.55	13.793	
7,800.00	7,111.88	8,038.44	7,303.84	20.15	20.74	110.57	-34.05	177.73	546.23	505.41	40.81	13.384	
7,900.00	7,109.26	8,138.43	7,300.57	20.84	21.50	110.47	-33.40	77.79	546.99	504.71	42.29	12.936	
8,000.00	7,106.63	8,238.42	7,297.31	21.65	22.36	110.37	-32.75	-22.15	547.76	503.82	43.94	12.465	
8,100.00	7,104.00	8,338.41	7,294.04	22.56	23.31	110.27	-32.10	-122.08	548.53	502.76	45.77	11.985	
8,200.00	7,101.37	8,438.41	7,290.78	23.57	24.34	110.17	-31.45	-222.02	549.30	501.56	47.74	11.506	
8,300.00	7,098.74	8,538.40	7,287.51	24.65	25.44	110.07	-30.80	-321.96	550.07	500.23	49.84	11.036	
8,400.00	7,096.12	8,638.39	7,284.24	25.79	26.60	109.97	-30.16	-421.89	550.84	498.79	52.06	10.581	
8,500.00	7,093.49	8,738.38	7,280.98	26.99	27.81	109.87	-29.51	-521.83	551.62	497.24	54.38	10.144	
8,600.00	7,090.86	8,838.37	7,277.71	28.24	29.07	109.77	-28.86	-621.77	552.40	495.61	56.78	9.728	
8,700.00	7,088.23	8,938.37	7,274.45	29.53	30.37	109.67	-28.21	-721.70	553.17	493.91	59.27	9.333	
8,800.00	7,085.60	9,038.36	7,271.18	30.86	31.70	109.57	-27.56	-821.64	553.96	492.13	61.82	8.960	
8,900.00	7,082.98	9,138.35	7,267.91	32.22	33.07	109.47	-26.91	-921.58	554.74	490.30	64.44	8.609	
9,000.00	7,080.35	9,238.34	7,264.65	33.60	34.46	109.37	-26.26	-1,021.51	555.52	488.41	67.11	8.278	
9,100.00	7,077.72	9,338.34	7,261.38	35.02	35.88	109.27	-25.62	-1,121.45	556.31	486.48	69.83	7.967	
9,200.00	7,075.09	9,438.33	7,258.12	36.45	37.31	109.17	-24.97	-1,221.39	557.09	484.50	72.59	7.674	
9,300.00	7,072.47	9,538.32	7,254.85	37.90	38.77	109.08	-24.32	-1,321.33	557.88	482.49	75.39	7.399	
9,400.00	7,069.84	9,638.31	7,251.58	39.37	40.24	108.98	-23.67	-1,421.26	558.67	480.44	78.23	7.141	
9,500.00	7,067.21	9,738.31	7,248.32	40.86	41.73	108.88	-23.02	-1,521.20	559.46	478.36	81.10	6.898	
9,600.00	7,064.58	9,838.30	7,245.05	42.36	43.23	108.79	-22.37	-1,621.14	560.26	476.26	84.00	6.670	
9,700.00	7,061.95	9,938.29	7,241.79	43.87	44.74	108.69	-21.72	-1,721.07	561.05	474.13	86.92	6.455	
9,800.00	7,059.33	10,038.28	7,238.52	45.39	46.27	108.59	-21.08	-1,821.01	561.85	471.98	89.87	6.252	
9,900.00	7,056.70	10,138.28	7,235.25	46.92	47.80	108.50	-20.43	-1,920.95	562.65	469.81	92.83	6.061	
10,000.00	7,054.07	10,238.27	7,231.99	48.47	49.35	108.40	-19.78	-2,020.88	563.45	467.63	95.82	5.880	
10,100.00	7,051.44	10,338.26	7,228.72	50.02	50.90	108.31	-19.13	-2,120.82	564.25	465.42	98.83	5.709	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,048.81	10,438.25	7,225.46	51.57	52.46	108.21	-18.48	-2,220.76	565.05	463.20	101.85	5.548	
10,300.00	7,046.19	10,538.25	7,222.19	53.14	54.02	108.12	-17.83	-2,320.70	565.85	460.97	104.89	5.395	
10,400.00	7,043.56	10,638.24	7,218.93	54.71	55.60	108.02	-17.19	-2,420.63	566.66	458.72	107.94	5.250	
10,500.00	7,040.93	10,738.23	7,215.66	56.29	57.17	107.93	-16.54	-2,520.57	567.47	456.46	111.01	5.112	
10,600.00	7,038.30	10,838.22	7,212.39	57.87	58.76	107.83	-15.89	-2,620.51	568.28	454.19	114.08	4.981	
10,700.00	7,035.67	10,938.21	7,209.13	59.46	60.34	107.74	-15.24	-2,720.44	569.09	451.91	117.17	4.857	
10,800.00	7,033.05	11,038.21	7,205.86	61.05	61.94	107.65	-14.59	-2,820.38	569.90	449.62	120.27	4.738	
10,900.00	7,030.42	11,138.20	7,202.60	62.64	63.53	107.55	-13.94	-2,920.32	570.71	447.33	123.38	4.625	
11,000.00	7,027.79	11,238.19	7,199.33	64.24	65.13	107.46	-13.29	-3,020.25	571.53	445.02	126.51	4.518	
11,100.00	7,025.16	11,338.18	7,196.06	65.84	66.74	107.37	-12.65	-3,120.19	572.34	442.71	129.63	4.415	
11,200.00	7,022.53	11,438.18	7,192.80	67.45	68.34	107.27	-12.00	-3,220.13	573.16	440.39	132.77	4.317	
11,300.00	7,019.91	11,538.17	7,189.53	69.06	69.95	107.18	-11.35	-3,320.06	573.98	438.06	135.92	4.223	
11,400.00	7,017.28	11,638.16	7,186.27	70.67	71.57	107.09	-10.70	-3,420.00	574.80	435.73	139.07	4.133	
11,500.00	7,014.65	11,738.15	7,183.00	72.29	73.18	107.00	-10.05	-3,519.94	575.62	433.39	142.23	4.047	
11,600.00	7,012.02	11,838.15	7,179.73	73.90	74.80	106.91	-9.40	-3,619.88	576.45	431.05	145.40	3.965	
11,700.00	7,009.40	11,938.14	7,176.47	75.52	76.42	106.82	-8.75	-3,719.81	577.27	428.70	148.58	3.885	
11,800.00	7,006.77	12,038.13	7,173.20	77.15	78.04	106.73	-8.11	-3,819.75	578.10	426.35	151.76	3.809	
11,900.00	7,004.14	12,138.12	7,169.94	78.77	79.67	106.64	-7.46	-3,919.69	578.93	423.99	154.94	3.736	
12,000.00	7,001.51	12,238.12	7,166.67	80.40	81.30	106.54	-6.81	-4,019.62	579.76	421.63	158.13	3.666	
12,100.00	6,998.88	12,338.11	7,163.41	82.02	82.92	106.45	-6.16	-4,119.56	580.59	419.26	161.33	3.599	
12,200.00	6,996.26	12,438.10	7,160.14	83.65	84.56	106.36	-5.51	-4,219.50	581.42	416.89	164.53	3.534	
12,300.00	6,993.63	12,538.09	7,156.87	85.28	86.19	106.28	-4.86	-4,319.43	582.26	414.52	167.74	3.471	
12,400.00	6,991.00	12,638.09	7,153.61	86.92	87.82	106.19	-4.22	-4,419.37	583.09	412.14	170.95	3.411	
12,500.00	6,988.37	12,738.08	7,150.34	88.55	89.46	106.10	-3.57	-4,519.31	583.93	409.76	174.17	3.353	
12,600.00	6,985.74	12,838.07	7,147.08	90.19	91.09	106.01	-2.92	-4,619.24	584.77	407.38	177.39	3.296	
12,700.00	6,983.12	12,938.06	7,143.81	91.82	92.73	105.92	-2.27	-4,719.18	585.61	404.99	180.62	3.242	
12,800.00	6,980.49	13,038.05	7,140.54	93.46	94.37	105.83	-1.62	-4,819.12	586.45	402.60	183.85	3.190	
12,900.00	6,977.86	13,138.05	7,137.28	95.10	96.01	105.74	-0.97	-4,919.06	587.29	400.21	187.08	3.139	
13,000.00	6,975.23	13,238.04	7,134.01	96.74	97.65	105.66	-0.32	-5,018.99	588.13	397.82	190.32	3.090	
13,100.00	6,972.60	13,338.03	7,130.75	98.38	99.29	105.57	0.32	-5,118.93	588.98	395.42	193.56	3.043	
13,200.00	6,969.98	13,438.02	7,127.48	100.03	100.93	105.48	0.97	-5,218.87	589.83	393.02	196.80	2.997	
13,300.00	6,967.35	13,538.02	7,124.21	101.67	102.58	105.39	1.62	-5,318.80	590.67	390.62	200.05	2.953	
13,400.00	6,964.72	13,638.01	7,120.95	103.31	104.22	105.31	2.27	-5,418.74	591.52	388.22	203.30	2.910	
13,500.00	6,962.09	13,738.00	7,117.68	104.96	105.87	105.22	2.92	-5,518.68	592.37	385.82	206.56	2.868	
13,600.00	6,959.47	13,837.99	7,114.42	106.60	107.52	105.13	3.57	-5,618.61	593.23	383.41	209.81	2.827	
13,700.00	6,956.84	13,937.99	7,111.15	108.25	109.16	105.05	4.22	-5,718.55	594.08	381.00	213.07	2.788	
13,800.00	6,954.21	14,037.98	7,107.88	109.90	110.81	104.96	4.86	-5,818.49	594.93	378.60	216.34	2.750	
13,900.00	6,951.58	14,137.97	7,104.62	111.55	112.46	104.88	5.51	-5,918.42	595.79	376.19	219.60	2.713	
14,000.00	6,948.95	14,237.96	7,101.35	113.20	114.11	104.79	6.16	-6,018.36	596.65	373.77	222.87	2.677	
14,100.00	6,946.33	14,337.96	7,098.09	114.84	115.76	104.71	6.81	-6,118.30	597.51	371.36	226.15	2.642	
14,200.00	6,943.70	14,437.95	7,094.82	116.50	117.41	104.62	7.46	-6,218.24	598.37	368.95	229.42	2.608	
14,300.00	6,941.07	14,537.94	7,091.56	118.15	119.06	104.54	8.11	-6,318.17	599.23	366.53	232.70	2.575	
14,400.00	6,938.44	14,637.93	7,088.29	119.80	120.71	104.45	8.75	-6,418.11	600.09	364.11	235.98	2.543	
14,500.00	6,935.81	14,737.93	7,085.02	121.45	122.37	104.37	9.40	-6,518.05	600.95	361.69	239.26	2.512	
14,600.00	6,933.19	14,837.92	7,081.76	123.10	124.02	104.28	10.05	-6,617.98	601.82	359.28	242.54	2.481	
14,700.00	6,930.56	14,937.91	7,078.49	124.75	125.67	104.20	10.70	-6,717.92	602.69	356.86	245.83	2.452	
14,800.00	6,927.93	15,037.90	7,075.23	126.41	127.33	104.12	11.35	-6,817.86	603.55	354.43	249.12	2.423	
14,900.00	6,925.30	15,137.90	7,071.96	128.06	128.98	104.03	12.00	-6,917.79	604.42	352.01	252.41	2.395	
15,000.00	6,922.67	15,237.89	7,068.69	129.72	130.64	103.95	12.65	-7,017.73	605.29	349.59	255.70	2.367	
15,100.00	6,920.05	15,337.88	7,065.43	131.37	132.29	103.87	13.29	-7,117.67	606.16	347.17	259.00	2.340	
15,200.00	6,917.42	15,437.87	7,062.16	133.03	133.95	103.79	13.94	-7,217.60	607.04	344.74	262.30	2.314	
15,300.00	6,914.79	15,537.86	7,058.90	134.68	135.60	103.70	14.59	-7,317.54	607.91	342.32	265.59	2.289	

Hewlett-Packard  
Anticollision Report

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

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
15,392.03	6,912.37	15,629.89	7,055.89	136.21	137.13	103.63	15.19	-7,409.51	608.72	340.09	268.63	2.266 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	90.52	-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	
300.00	299.98	299.83	299.81	3.35	3.35	-23.21	-2.08	40.11	38.55	30.90	7.65	5.037	
400.00	399.84	398.52	398.43	3.41	3.41	-22.00	-4.97	42.13	35.90	28.13	7.77	4.621	
500.00	499.45	497.30	497.03	3.50	3.49	-23.74	-7.50	47.55	33.44	25.52	7.92	4.220	
600.00	598.70	596.12	595.43	3.61	3.60	-29.09	-9.66	56.34	31.36	23.24	8.12	3.862	
700.00	697.47	694.93	693.46	3.77	3.74	-38.45	-11.46	68.50	30.24	21.86	8.37	3.611	
710.20	707.51	705.00	703.43	3.79	3.75	-39.60	-11.62	69.93	30.22	21.81	8.40	3.596 CC, ES	
800.00	795.75	793.73	791.02	3.97	3.91	-50.25	-12.88	84.02	31.38	22.68	8.71	3.604	
900.00	893.97	906.50	889.28	4.20	4.13	-60.00	-14.15	101.26	35.03	25.86	9.17	3.818	
1,000.00	992.20	1,006.73	987.55	4.45	4.36	-67.73	-15.42	118.51	39.50	29.82	9.68	4.081	
1,100.00	1,090.43	1,106.95	1,085.81	4.73	4.61	-73.82	-16.68	135.75	44.53	34.30	10.23	4.355	
1,200.00	1,188.66	1,207.18	1,184.07	5.02	4.88	-78.63	-17.95	153.00	49.96	39.15	10.81	4.623	
1,300.00	1,286.89	1,307.40	1,282.34	5.34	5.17	-82.47	-19.21	170.24	55.67	44.26	11.41	4.877	
1,400.00	1,385.12	1,407.63	1,380.60	5.66	5.47	-85.59	-20.48	187.49	61.59	49.54	12.04	5.113	
1,500.00	1,483.35	1,507.86	1,478.87	6.00	5.78	-88.16	-21.75	204.73	67.65	54.96	12.69	5.330	
1,600.00	1,581.57	1,608.08	1,577.13	6.34	6.09	-90.30	-23.01	221.98	73.83	60.48	13.36	5.528	
1,700.00	1,679.80	1,708.31	1,675.40	6.69	6.42	-92.11	-24.28	239.22	80.10	66.07	14.03	5.708	
1,800.00	1,778.03	1,808.53	1,773.66	7.05	6.74	-93.66	-25.55	256.47	86.43	71.73	14.71	5.877	
1,900.00	1,876.26	1,908.76	1,871.93	7.25	6.91	-94.99	-26.81	273.71	92.82	78.13	14.69	6.319	
2,000.00	1,974.49	2,008.99	1,970.19	7.29	6.95	-96.15	-28.08	290.96	99.25	84.48	14.77	6.719	
2,100.00	2,072.72	2,109.21	2,068.45	7.35	7.01	-97.17	-29.35	308.20	105.72	90.83	14.89	7.101	
2,200.00	2,170.95	2,209.44	2,166.72	7.43	7.08	-98.07	-30.61	325.44	112.22	97.18	15.03	7.464	
2,300.00	2,269.18	2,309.66	2,264.98	7.52	7.17	-98.88	-31.88	342.69	118.74	103.52	15.21	7.805	
2,400.00	2,367.40	2,409.89	2,363.25	7.63	7.28	-99.59	-33.14	359.93	125.28	109.86	15.42	8.123	
2,500.00	2,465.63	2,489.88	2,461.51	7.76	7.37	-100.24	-34.41	377.18	131.84	116.21	15.63	8.432	
2,600.00	2,563.86	2,589.66	2,559.78	7.90	7.50	-100.83	-35.68	394.42	138.42	122.52	15.90	8.707	
2,700.00	2,662.09	2,689.43	2,658.04	8.05	7.64	-101.36	-36.94	411.67	145.00	128.82	16.19	8.959	
2,800.00	2,760.32	2,789.21	2,756.30	8.21	7.80	-101.85	-38.21	428.91	151.60	135.10	16.50	9.189	
2,900.00	2,858.55	2,888.98	2,854.57	8.39	7.96	-102.29	-39.48	446.16	158.21	141.38	16.84	9.398	
3,000.00	2,956.78	2,988.75	2,952.83	8.58	8.14	-102.71	-40.74	463.40	164.83	147.64	17.19	9.587	
3,100.00	3,055.01	3,088.53	3,051.10	8.78	8.33	-103.08	-42.01	480.65	171.46	153.88	17.57	9.757	
3,200.00	3,153.23	3,188.30	3,149.36	8.99	8.53	-103.43	-43.28	497.89	178.09	160.12	17.97	9.910	
3,300.00	3,251.46	3,288.08	3,247.63	9.21	8.73	-103.76	-44.54	515.14	184.73	166.34	18.39	10.047	
3,400.00	3,349.69	3,387.85	3,345.89	9.43	8.95	-104.06	-45.81	532.38	191.37	172.55	18.82	10.169	
3,500.00	3,447.92	3,487.63	3,444.15	9.67	9.17	-104.34	-47.07	549.63	198.02	178.76	19.27	10.277	
3,600.00	3,546.15	3,587.40	3,542.42	9.91	9.40	-104.61	-48.34	566.87	204.68	184.95	19.73	10.374	
3,700.00	3,644.38	3,687.17	3,640.68	10.16	9.64	-104.86	-49.61	584.12	211.34	191.13	20.21	10.459	
3,800.00	3,742.61	3,786.95	3,738.95	10.41	9.88	-105.09	-50.87	601.36	218.00	197.30	20.69	10.534	
3,900.00	3,840.84	3,886.72	3,837.21	10.68	10.13	-105.31	-52.14	618.61	224.66	203.47	21.19	10.600	
4,000.00	3,939.06	3,986.50	3,935.48	10.94	10.38	-105.51	-53.41	635.85	231.33	209.63	21.70	10.658	
4,100.00	4,037.29	4,086.27	4,033.74	11.21	10.64	-105.71	-54.67	653.10	238.00	215.78	22.22	10.709	
4,200.00	4,135.52	4,186.04	4,132.00	11.49	10.91	-105.89	-55.94	670.34	244.68	221.92	22.75	10.753	
4,300.00	4,233.75	4,285.82	4,230.27	11.77	11.17	-106.06	-57.21	687.59	251.35	228.06	23.29	10.791	
4,400.00	4,331.98	4,385.59	4,328.53	12.06	11.44	-106.23	-58.47	704.83	258.03	234.19	23.84	10.824	
4,500.00	4,430.21	4,485.37	4,426.80	12.35	11.72	-106.39	-59.74	722.08	264.71	240.32	24.39	10.853	
4,600.00	4,528.44	4,585.14	4,525.06	12.64	12.00	-106.54	-61.00	739.32	271.39	246.44	24.95	10.877	
4,700.00	4,626.67	4,684.91	4,623.33	12.93	12.28	-106.68	-62.27	756.57	278.08	252.56	25.52	10.897	
4,800.00	4,724.89	4,784.69	4,721.59	13.23	12.57	-106.81	-63.54	773.81	284.76	258.67	26.09	10.914	
4,900.00	4,823.12	4,884.46	4,819.85	13.54	12.85	-106.94	-64.80	791.06	291.45	264.78	26.67	10.928	
5,000.00	4,921.35	4,984.24	4,918.12	13.84	13.14	-107.06	-66.07	808.30	298.14	270.89	27.25	10.940	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	5,084.01	5,016.38	14.15	13.44	-107.18	-67.34	825.55	304.83	276.99	27.84	10.949	
5,200.00	5,117.81	5,183.78	5,114.65	14.46	13.73	-107.30	-68.60	842.79	311.52	283.09	28.43	10.956	
5,300.00	5,216.04	5,283.56	5,212.91	14.77	14.03	-107.40	-69.87	860.04	318.21	289.18	29.03	10.961	
5,400.00	5,314.27	5,383.33	5,311.18	15.08	14.33	-107.51	-71.14	877.28	324.91	295.27	29.63	10.964	
5,500.00	5,412.50	5,483.11	5,409.44	15.40	14.63	-107.61	-72.40	894.52	331.60	301.36	30.24	10.966	
5,600.00	5,510.72	5,582.88	5,507.70	15.71	14.93	-107.70	-73.67	911.77	338.30	307.45	30.85	10.967	
5,700.00	5,608.95	5,682.65	5,605.97	16.03	15.24	-107.79	-74.93	929.01	344.99	313.53	31.46	10.966	
5,800.00	5,707.18	5,782.43	5,704.23	16.35	15.54	-107.88	-76.20	946.26	351.69	319.61	32.07	10.965	
5,900.00	5,805.41	5,882.20	5,802.50	16.68	15.85	-107.97	-77.47	963.50	358.39	325.69	32.69	10.962	
6,000.00	5,903.64	5,981.98	5,900.76	17.00	16.16	-108.05	-78.73	980.75	365.09	331.77	33.31	10.959	
6,100.00	6,001.87	6,081.75	5,999.03	17.33	16.47	-108.13	-80.00	997.99	371.78	337.85	33.94	10.955	
6,200.00	6,100.10	6,181.53	6,097.29	17.65	16.78	-108.20	-81.27	1,015.24	378.48	343.92	34.56	10.950	
6,300.00	6,198.33	6,281.30	6,195.56	17.98	17.10	-108.28	-82.53	1,032.48	385.18	349.99	35.19	10.945	
6,400.00	6,296.55	6,381.07	6,293.82	18.31	17.41	-108.35	-83.80	1,049.73	391.89	356.06	35.82	10.939	
6,500.00	6,394.83	6,481.79	6,393.03	18.63	17.72	-113.26	-85.08	1,067.02	398.61	362.17	36.44	10.937	
6,600.00	6,494.21	6,589.81	6,500.66	18.81	17.92	174.46	-86.55	1,074.49	405.45	368.61	36.83	11.007	
6,700.00	6,593.31	6,697.89	6,608.05	18.92	18.03	121.35	-88.14	1,063.66	412.10	375.07	37.04	11.127	
6,800.00	6,689.68	6,805.79	6,711.90	18.97	18.07	109.32	-89.81	1,034.91	418.43	381.34	37.08	11.283	
6,900.00	6,780.96	6,913.29	6,809.07	18.98	18.06	104.06	-91.50	989.25	424.28	387.27	37.02	11.462	
7,000.00	6,864.89	7,020.18	6,896.71	18.95	18.02	100.80	-93.16	928.30	429.55	392.66	36.89	11.643	
7,100.00	6,939.42	7,126.28	6,972.41	18.90	18.00	98.38	-94.75	854.16	434.13	397.35	36.78	11.802	
7,200.00	7,002.70	7,231.42	7,034.27	18.86	18.03	96.40	-96.22	769.29	437.94	401.17	36.77	11.911	
7,300.00	7,053.18	7,335.49	7,080.93	18.85	18.13	94.72	-97.53	676.41	440.92	404.01	36.91	11.947	
7,400.00	7,089.61	7,438.40	7,111.60	18.89	18.33	93.26	-98.65	578.30	443.01	405.76	37.25	11.893	
7,500.00	7,111.10	7,540.09	7,126.01	19.02	18.63	92.00	-99.56	477.75	444.19	406.38	37.81	11.749	
7,600.00	7,117.12	7,640.46	7,125.79	19.24	19.04	91.12	-100.26	377.43	444.44	405.85	38.59	11.517	
7,700.00	7,114.51	7,740.46	7,122.98	19.62	19.57	91.10	-100.92	277.47	444.19	404.57	39.62	11.212	
7,800.00	7,111.88	7,840.46	7,120.16	20.15	20.23	91.07	-101.58	177.51	443.93	403.03	40.90	10.855	
7,900.00	7,109.26	7,940.46	7,117.34	20.84	21.01	91.05	-102.25	77.56	443.67	401.27	42.40	10.463	
8,000.00	7,106.63	8,040.46	7,114.52	21.65	21.88	91.02	-102.91	-22.40	443.42	399.30	44.12	10.051	
8,100.00	7,104.00	8,140.46	7,111.71	22.56	22.85	91.00	-103.57	-122.36	443.16	397.15	46.01	9.632	
8,200.00	7,101.37	8,240.46	7,108.89	23.57	23.90	90.98	-104.23	-222.32	442.90	394.84	48.06	9.215	
8,300.00	7,098.74	8,340.46	7,106.07	24.65	25.01	90.95	-104.89	-322.28	442.64	392.39	50.26	8.808	
8,400.00	7,096.12	8,440.46	7,103.25	25.79	26.18	90.93	-105.55	-422.23	442.39	389.81	52.57	8.415	
8,500.00	7,093.49	8,540.46	7,100.43	26.99	27.41	90.90	-106.21	-522.19	442.13	387.13	55.00	8.039	
8,600.00	7,090.86	8,640.46	7,097.62	28.24	28.68	90.88	-106.87	-622.15	441.87	384.36	57.51	7.683	
8,700.00	7,088.23	8,740.46	7,094.80	29.53	29.99	90.86	-107.54	-722.11	441.62	381.51	60.11	7.347	
8,800.00	7,085.60	8,840.46	7,091.98	30.86	31.34	90.83	-108.20	-822.06	441.36	378.58	62.78	7.030	
8,900.00	7,082.98	8,940.46	7,089.16	32.22	32.71	90.81	-108.86	-922.02	441.10	375.59	65.51	6.733	
9,000.00	7,080.35	9,040.45	7,086.35	33.60	34.12	90.78	-109.52	-1,021.98	440.85	372.55	68.30	6.455	
9,100.00	7,077.72	9,140.45	7,083.53	35.02	35.54	90.76	-110.18	-1,121.94	440.59	369.46	71.13	6.194	
9,200.00	7,075.09	9,240.45	7,080.71	36.45	36.99	90.73	-110.84	-1,221.89	440.33	366.32	74.01	5.950	
9,300.00	7,072.47	9,340.45	7,077.89	37.90	38.45	90.71	-111.50	-1,321.85	440.08	363.15	76.93	5.721	
9,400.00	7,069.84	9,440.45	7,075.07	39.37	39.93	90.69	-112.17	-1,421.81	439.82	359.95	79.87	5.506	
9,500.00	7,067.21	9,540.45	7,072.26	40.86	41.43	90.66	-112.83	-1,521.77	439.57	356.71	82.85	5.305	
9,600.00	7,064.58	9,640.45	7,069.44	42.36	42.94	90.64	-113.49	-1,621.72	439.31	353.45	85.86	5.117	
9,700.00	7,061.95	9,740.45	7,066.62	43.87	44.46	90.61	-114.15	-1,721.68	439.05	350.16	88.89	4.939	
9,800.00	7,059.33	9,840.45	7,063.80	45.39	45.99	90.59	-114.81	-1,821.64	438.80	346.86	91.94	4.773	
9,900.00	7,056.70	9,940.45	7,060.98	46.92	47.53	90.56	-115.47	-1,921.60	438.54	343.53	95.01	4.616	
10,000.00	7,054.07	10,040.45	7,058.17	48.47	49.08	90.54	-116.13	-2,021.55	438.29	340.18	98.10	4.468	
10,100.00	7,051.44	10,140.45	7,055.35	50.02	50.63	90.52	-116.80	-2,121.51	438.03	336.82	101.21	4.328	
10,200.00	7,048.81	10,240.45	7,052.53	51.57	52.20	90.49	-117.46	-2,221.47	437.78	333.45	104.33	4.196	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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
10,300.00	7,046.19	10,340.45	7,049.71	53.14	53.77	90.47	-118.12	-2,321.43	437.52	330.06	107.46	4.071	
10,400.00	7,043.56	10,440.45	7,046.90	54.71	55.34	90.44	-118.78	-2,421.38	437.27	326.65	110.61	3.953	
10,500.00	7,040.93	10,540.45	7,044.08	56.29	56.92	90.42	-119.44	-2,521.34	437.01	323.24	113.77	3.841	
10,600.00	7,038.30	10,640.45	7,041.26	57.87	58.51	90.39	-120.10	-2,621.30	436.75	319.82	116.94	3.735	
10,700.00	7,035.67	10,740.45	7,038.44	59.46	60.10	90.37	-120.76	-2,721.26	436.50	316.39	120.11	3.634	
10,800.00	7,033.05	10,840.45	7,035.62	61.05	61.70	90.34	-121.43	-2,821.22	436.24	312.94	123.30	3.538	
10,900.00	7,030.42	10,940.45	7,032.81	62.64	63.30	90.32	-122.09	-2,921.17	435.99	309.49	126.49	3.447	
11,000.00	7,027.79	11,040.44	7,029.99	64.24	64.90	90.29	-122.75	-3,021.13	435.73	306.04	129.70	3.360	
11,100.00	7,025.16	11,140.44	7,027.17	65.84	66.51	90.27	-123.41	-3,121.09	435.48	302.57	132.91	3.277	
11,200.00	7,022.53	11,240.44	7,024.35	67.45	68.11	90.24	-124.07	-3,221.05	435.23	299.10	136.12	3.197	
11,300.00	7,019.91	11,340.44	7,021.54	69.06	69.73	90.22	-124.73	-3,321.00	434.97	295.63	139.34	3.122	
11,400.00	7,017.28	11,440.44	7,018.72	70.67	71.34	90.19	-125.39	-3,420.96	434.72	292.15	142.57	3.049	
11,500.00	7,014.65	11,540.44	7,015.90	72.29	72.96	90.17	-126.06	-3,520.92	434.46	288.66	145.80	2.980	
11,600.00	7,012.02	11,640.44	7,013.08	73.90	74.58	90.14	-126.72	-3,620.88	434.21	285.17	149.04	2.913	
11,700.00	7,009.40	11,740.44	7,010.26	75.52	76.20	90.12	-127.38	-3,720.83	433.95	281.67	152.28	2.850	
11,800.00	7,006.77	11,840.44	7,007.45	77.15	77.83	90.09	-128.04	-3,820.79	433.70	278.17	155.53	2.789	
11,900.00	7,004.14	11,940.44	7,004.63	78.77	79.45	90.07	-128.70	-3,920.75	433.44	274.67	158.78	2.730	
12,000.00	7,001.51	12,040.44	7,001.81	80.40	81.08	90.04	-129.36	-4,020.71	433.19	271.16	162.03	2.673	
12,100.00	6,998.88	12,140.44	6,998.99	82.02	82.71	90.02	-130.02	-4,120.66	432.94	267.65	165.29	2.619	
12,200.00	6,996.26	12,240.44	6,996.18	83.65	84.34	89.99	-130.68	-4,220.62	432.68	264.13	168.55	2.567	
12,300.00	6,993.63	12,340.44	6,993.36	85.28	85.97	89.97	-131.35	-4,320.58	432.43	260.61	171.81	2.517	
12,400.00	6,991.00	12,440.44	6,990.54	86.92	87.61	89.94	-132.01	-4,420.54	432.18	257.09	175.08	2.468	
12,500.00	6,988.37	12,540.44	6,987.72	88.55	89.24	89.92	-132.67	-4,520.49	431.92	253.57	178.35	2.422	
12,600.00	6,985.74	12,640.44	6,984.90	90.19	90.88	89.89	-133.33	-4,620.45	431.67	250.04	181.62	2.377	
12,700.00	6,983.12	12,740.44	6,982.09	91.82	92.52	89.87	-133.99	-4,720.41	431.41	246.52	184.90	2.333	
12,800.00	6,980.49	12,840.44	6,979.27	93.46	94.16	89.84	-134.65	-4,820.37	431.16	242.98	188.18	2.291	
12,900.00	6,977.86	12,940.44	6,976.45	95.10	95.80	89.82	-135.31	-4,920.32	430.91	239.45	191.46	2.251	
13,000.00	6,975.23	13,040.43	6,973.63	96.74	97.44	89.79	-135.98	-5,020.28	430.65	235.92	194.74	2.211	
13,100.00	6,972.60	13,140.43	6,970.81	98.38	99.08	89.77	-136.64	-5,120.24	430.40	232.38	198.02	2.174	
13,200.00	6,969.98	13,240.43	6,968.00	100.03	100.73	89.74	-137.30	-5,220.20	430.15	228.84	201.31	2.137	
13,300.00	6,967.35	13,340.43	6,965.18	101.67	102.37	89.71	-137.96	-5,320.16	429.90	225.30	204.59	2.101	
13,400.00	6,964.72	13,440.43	6,962.36	103.31	104.02	89.69	-138.62	-5,420.11	429.64	221.76	207.88	2.067	
13,500.00	6,962.09	13,540.43	6,959.54	104.96	105.66	89.66	-139.28	-5,520.07	429.39	218.21	211.18	2.033	
13,600.00	6,959.47	13,640.43	6,956.73	106.60	107.31	89.64	-139.94	-5,620.03	429.14	214.67	214.47	2.001	
13,700.00	6,956.84	13,740.43	6,953.91	108.25	108.96	89.61	-140.61	-5,719.99	428.88	211.12	217.76	1.970	
13,800.00	6,954.21	13,840.43	6,951.09	109.90	110.61	89.59	-141.27	-5,819.94	428.63	207.57	221.06	1.939	
13,900.00	6,951.58	13,940.43	6,948.27	111.55	112.26	89.56	-141.93	-5,919.90	428.38	204.02	224.35	1.909	
14,000.00	6,948.95	14,040.43	6,945.45	113.20	113.91	89.54	-142.59	-6,019.86	428.13	200.47	227.65	1.881	
14,100.00	6,946.33	14,140.43	6,942.64	114.84	115.56	89.51	-143.25	-6,119.82	427.87	196.92	230.95	1.853	
14,200.00	6,943.70	14,240.43	6,939.82	116.50	117.21	89.48	-143.91	-6,219.77	427.62	193.37	234.25	1.825	
14,300.00	6,941.07	14,340.43	6,937.00	118.15	118.86	89.46	-144.57	-6,319.73	427.37	189.82	237.56	1.799	
14,400.00	6,938.44	14,440.43	6,934.18	119.80	120.51	89.43	-145.24	-6,419.69	427.12	186.26	240.86	1.773	
14,500.00	6,935.81	14,540.43	6,931.37	121.45	122.16	89.41	-145.90	-6,519.65	426.87	182.70	244.16	1.748	
14,600.00	6,933.19	14,640.43	6,928.55	123.10	123.82	89.38	-146.56	-6,619.60	426.61	179.15	247.47	1.724	
14,700.00	6,930.56	14,740.43	6,925.73	124.75	125.47	89.35	-147.22	-6,719.56	426.36	175.59	250.77	1.700	
14,800.00	6,927.93	14,840.43	6,922.91	126.41	127.12	89.33	-147.88	-6,819.52	426.11	172.03	254.08	1.677	
14,900.00	6,925.30	14,940.43	6,920.09	128.06	128.78	89.30	-148.54	-6,919.48	425.86	168.47	257.39	1.655	
15,000.00	6,922.67	15,040.42	6,917.28	129.72	130.43	89.28	-149.20	-7,019.43	425.61	164.91	260.70	1.633	
15,100.00	6,920.05	15,140.42	6,914.46	131.37	132.09	89.25	-149.87	-7,119.39	425.36	161.35	264.01	1.611	
15,200.00	6,917.42	15,240.42	6,911.64	133.03	133.74	89.22	-150.53	-7,219.35	425.11	157.79	267.32	1.590	
15,300.00	6,914.79	15,340.42	6,908.82	134.68	135.40	89.20	-151.19	-7,319.31	424.85	154.23	270.63	1.570	
15,392.03	6,912.37	15,432.45	6,906.23	136.21	136.92	89.17	-151.80	-7,411.30	424.62	150.95	273.67	1.552 SF	

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.00	0.00	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	90.00	0.00	20.05	20.05	12.52	7.53	2.662	
200.00	200.00	200.00	200.00	3.31	3.31	90.00	0.00	20.05	20.05	12.47	7.57	2.647	
300.00	299.98	299.68	299.68	3.35	3.35	-26.98	-0.16	20.45	18.88	11.22	7.66	2.466	
400.00	399.84	399.09	399.03	3.41	3.41	-30.30	-1.41	23.66	17.43	9.66	7.77	2.244	
500.00	499.45	498.56	498.25	3.50	3.49	-34.95	-3.92	30.08	16.16	8.24	7.92	2.040	
600.00	598.70	598.10	597.24	3.61	3.60	-41.06	-7.69	39.72	15.15	7.02	8.13	1.863	
700.00	697.47	697.69	695.87	3.77	3.74	-48.63	-12.71	52.56	14.50	6.09	8.41	1.724	
725.13	722.20	722.72	720.58	3.82	3.78	-50.53	-14.17	56.29	14.44	5.95	8.49	1.700 CC	
800.00	795.75	802.58	794.12	3.97	3.93	-55.68	-18.94	68.49	14.56	5.78	8.78	1.658	
900.00	893.97	902.59	892.47	4.20	4.15	-60.56	-25.51	85.30	15.20	5.98	9.23	1.648	
1,000.00	992.20	1,002.60	990.82	4.45	4.39	-65.01	-32.08	102.11	15.94	6.21	9.73	1.639	
1,100.00	1,090.43	1,102.61	1,089.16	4.73	4.66	-69.05	-38.65	118.92	16.77	6.49	10.28	1.631	
1,200.00	1,188.66	1,202.62	1,187.51	5.02	4.94	-72.69	-45.22	135.74	17.68	6.80	10.87	1.626	
1,300.00	1,286.89	1,297.37	1,285.86	5.34	5.22	-75.97	-51.79	152.55	18.64	7.16	11.48	1.624	
1,400.00	1,385.12	1,402.64	1,384.21	5.66	5.55	-78.91	-58.36	169.36	19.67	7.52	12.15	1.619	
1,500.00	1,483.35	1,502.65	1,482.55	6.00	5.87	-81.56	-64.94	186.17	20.74	7.92	12.82	1.618	
1,600.00	1,581.57	1,602.66	1,580.90	6.34	6.20	-83.94	-71.51	202.98	21.85	8.35	13.50	1.618	
1,700.00	1,679.80	1,702.67	1,679.25	6.69	6.54	-86.09	-78.08	219.79	22.99	8.79	14.20	1.620	
1,800.00	1,778.03	1,802.68	1,777.60	7.05	6.89	-88.03	-84.65	236.60	24.16	9.27	14.90	1.622	
1,900.00	1,876.26	1,902.69	1,875.94	7.25	7.07	-89.79	-91.22	253.42	25.36	10.46	14.90	1.702	
2,000.00	1,974.49	2,002.70	1,974.29	7.29	7.11	-91.39	-97.79	270.23	26.58	11.60	14.98	1.775	
2,100.00	2,072.72	2,102.71	2,072.64	7.35	7.17	-92.85	-104.36	287.04	27.82	12.73	15.09	1.843	
2,200.00	2,170.95	2,202.72	2,170.98	7.43	7.25	-94.19	-110.94	303.85	29.08	13.84	15.24	1.908	
2,300.00	2,269.18	2,302.73	2,269.33	7.52	7.34	-95.41	-117.51	320.66	30.34	14.93	15.41	1.969	
2,400.00	2,367.40	2,402.74	2,367.68	7.63	7.45	-96.53	-124.08	337.47	31.63	16.01	15.62	2.025	
2,500.00	2,465.63	2,502.75	2,466.03	7.76	7.57	-97.57	-130.65	354.28	32.92	17.07	15.85	2.077	
2,600.00	2,563.86	2,602.76	2,564.37	7.90	7.71	-98.53	-137.22	371.10	34.22	18.11	16.11	2.124	
2,700.00	2,662.09	2,702.77	2,662.72	8.05	7.86	-99.42	-143.79	387.91	35.54	19.14	16.40	2.167	
2,800.00	2,760.32	2,802.78	2,761.07	8.21	8.02	-100.24	-150.36	404.72	36.86	20.15	16.71	2.206	
2,900.00	2,858.55	2,902.79	2,859.42	8.39	8.19	-101.01	-156.94	421.53	38.18	21.14	17.04	2.240	
3,000.00	2,956.78	3,002.80	2,957.76	8.58	8.38	-101.72	-163.51	438.34	39.52	22.12	17.40	2.271	
3,100.00	3,055.01	3,097.19	3,056.11	8.78	8.56	-102.39	-170.08	455.15	40.86	23.09	17.76	2.300	
3,200.00	3,153.23	3,202.82	3,154.46	8.99	8.78	-103.01	-176.65	471.96	42.20	24.03	18.17	2.323	
3,300.00	3,251.46	3,302.83	3,252.80	9.21	9.00	-103.60	-183.22	488.78	43.55	24.97	18.58	2.344	
3,400.00	3,349.69	3,402.84	3,351.15	9.43	9.22	-104.15	-189.79	505.59	44.91	25.90	19.01	2.362	
3,500.00	3,447.92	3,502.85	3,449.50	9.67	9.45	-104.67	-196.36	522.40	46.26	26.81	19.45	2.378	
3,600.00	3,546.15	3,602.86	3,547.85	9.91	9.69	-105.16	-202.94	539.21	47.63	27.71	19.91	2.392	
3,700.00	3,644.38	3,702.87	3,646.19	10.16	9.93	-105.62	-209.51	556.02	48.99	28.61	20.38	2.403	
3,800.00	3,742.61	3,797.12	3,744.54	10.41	10.17	-106.06	-216.08	572.83	50.36	29.50	20.85	2.415	
3,900.00	3,840.84	3,902.89	3,842.89	10.68	10.44	-106.48	-222.65	589.64	51.73	30.37	21.36	2.421	
4,000.00	3,939.06	4,002.90	3,941.23	10.94	10.71	-106.87	-229.22	606.46	53.10	31.23	21.87	2.428	
4,100.00	4,037.29	4,102.91	4,039.58	11.21	10.97	-107.24	-235.79	623.27	54.48	32.09	22.38	2.434	
4,200.00	4,135.52	4,202.92	4,137.93	11.49	11.25	-107.60	-242.36	640.08	55.85	32.95	22.91	2.438	
4,300.00	4,233.75	4,302.93	4,236.28	11.77	11.52	-107.93	-248.93	656.89	57.23	33.79	23.44	2.442	
4,400.00	4,331.98	4,402.94	4,334.62	12.06	11.80	-108.26	-255.51	673.70	58.61	34.63	23.98	2.444	
4,500.00	4,430.21	4,502.95	4,432.97	12.35	12.09	-108.56	-262.08	690.51	60.00	35.47	24.53	2.446	
4,600.00	4,528.44	4,602.96	4,531.32	12.64	12.38	-108.86	-268.65	707.32	61.38	36.30	25.08	2.447	
4,700.00	4,626.67	4,702.97	4,629.67	12.93	12.67	-109.14	-275.22	724.14	62.77	37.13	25.64	2.448	
4,800.00	4,724.89	4,802.98	4,728.01	13.23	12.96	-109.40	-281.79	740.95	64.16	37.95	26.21	2.448	
4,900.00	4,823.12	4,902.99	4,826.36	13.54	13.26	-109.66	-288.36	757.76	65.55	38.76	26.78	2.447	
5,000.00	4,921.35	5,003.00	4,924.71	13.84	13.56	-109.91	-294.93	774.57	66.94	39.58	27.36	2.446	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	5,103.01	5,023.05	14.15	13.86	-110.14	-301.51	791.38	68.33	40.38	27.94	2.445	
5,200.00	5,117.81	5,203.02	5,121.40	14.46	14.16	-110.37	-308.08	808.19	69.72	41.19	28.53	2.444	
5,300.00	5,216.04	5,303.03	5,219.75	14.77	14.47	-110.59	-314.65	825.00	71.11	41.99	29.12	2.442	
5,400.00	5,314.27	5,403.04	5,318.10	15.08	14.78	-110.80	-321.22	841.81	72.51	42.79	29.72	2.440	
5,500.00	5,412.50	5,503.05	5,416.44	15.40	15.09	-111.00	-327.79	858.63	73.90	43.59	30.32	2.438	
5,600.00	5,510.72	5,603.06	5,514.79	15.71	15.40	-111.19	-334.36	875.44	75.30	44.38	30.92	2.436	
5,700.00	5,608.95	5,703.07	5,613.14	16.03	15.72	-111.38	-340.93	892.25	76.70	45.18	31.52	2.433	
5,800.00	5,707.18	5,803.08	5,711.49	16.35	16.03	-111.56	-347.51	909.06	78.10	45.96	32.13	2.430	
5,900.00	5,805.41	5,903.09	5,809.83	16.68	16.35	-111.73	-354.08	925.87	79.50	46.75	32.74	2.428	
6,000.00	5,903.64	6,003.10	5,908.18	17.00	16.67	-111.90	-360.65	942.68	80.90	47.54	33.36	2.425	
6,100.00	6,001.87	6,103.11	6,006.53	17.33	16.99	-112.06	-367.22	959.49	82.30	48.32	33.98	2.422	
6,200.00	6,100.10	6,203.12	6,104.87	17.65	17.31	-112.22	-373.79	976.31	83.70	49.10	34.60	2.419	
6,300.00	6,198.33	6,303.13	6,203.22	17.98	17.63	-112.37	-380.36	993.12	85.10	49.88	35.22	2.416	
6,400.00	6,296.55	6,403.14	6,301.57	18.31	17.95	-112.52	-386.93	1,009.93	86.50	50.66	35.84	2.413	
6,500.00	6,394.83	6,503.15	6,399.91	18.63	18.28	-117.24	-393.51	1,026.74	87.92	51.45	36.47	2.411	
6,600.00	6,494.21	6,597.11	6,498.81	18.81	18.53	176.44	-400.07	1,041.64	90.34	53.09	37.25	2.425	
6,700.00	6,593.31	6,699.23	6,600.62	18.92	18.69	130.10	-406.53	1,042.66	94.37	56.58	37.79	2.497	
6,800.00	6,689.68	6,803.13	6,703.02	18.97	18.78	124.07	-412.69	1,026.97	99.60	61.63	37.96	2.623	
6,900.00	6,780.96	6,908.79	6,803.16	18.98	18.81	123.91	-418.34	994.14	105.57	67.79	37.78	2.794	
7,000.00	6,864.89	7,016.12	6,897.94	18.95	18.79	124.83	-423.30	944.29	111.84	74.52	37.32	2.997	
7,100.00	6,939.42	7,124.98	6,984.18	18.90	18.75	125.69	-427.38	878.21	117.96	81.24	36.72	3.212	
7,200.00	7,002.70	7,235.13	7,058.75	18.86	18.71	126.15	-430.42	797.38	123.58	87.41	36.17	3.417	
7,300.00	7,053.18	7,346.29	7,118.80	18.85	18.71	126.13	-432.28	704.02	128.40	92.55	35.85	3.582	
7,400.00	7,089.61	7,458.11	7,161.96	18.89	18.78	125.60	-432.88	601.03	132.24	96.32	35.92	3.681	
7,500.00	7,111.10	7,570.19	7,186.54	19.02	18.97	124.58	-432.16	491.82	134.97	98.50	36.47	3.701	
7,600.00	7,117.12	7,681.09	7,191.76	19.24	19.28	123.11	-430.19	381.19	136.61	99.17	37.44	3.649	
7,700.00	7,114.51	7,781.06	7,189.10	19.62	19.72	122.48	-427.95	281.29	138.81	100.28	38.53	3.602	
7,800.00	7,111.88	7,881.02	7,186.44	20.15	20.29	121.89	-425.71	181.39	141.04	101.22	39.82	3.542	
7,900.00	7,109.26	7,980.99	7,183.78	20.84	21.00	121.32	-423.46	81.48	143.28	101.99	41.29	3.470	
8,000.00	7,106.63	8,080.95	7,181.12	21.65	21.83	120.77	-421.22	-18.42	145.53	102.61	42.92	3.390	
8,100.00	7,104.00	8,180.92	7,178.46	22.56	22.76	120.23	-418.98	-118.33	147.80	103.09	44.72	3.305	
8,200.00	7,101.37	8,280.88	7,175.80	23.57	23.77	119.71	-416.73	-218.23	150.08	103.43	46.65	3.217	
8,300.00	7,098.74	8,380.85	7,173.14	24.65	24.86	119.21	-414.49	-318.13	152.38	103.67	48.71	3.128	
8,400.00	7,096.12	8,480.81	7,170.48	25.79	26.01	118.72	-412.25	-418.04	154.68	103.80	50.88	3.040	
8,500.00	7,093.49	8,580.78	7,167.82	26.99	27.21	118.24	-410.00	-517.94	156.99	103.84	53.15	2.954	
8,600.00	7,090.86	8,680.74	7,165.16	28.24	28.46	117.78	-407.76	-617.85	159.32	103.80	55.52	2.870	
8,700.00	7,088.23	8,780.71	7,162.50	29.53	29.76	117.33	-405.52	-717.75	161.66	103.69	57.96	2.789	
8,800.00	7,085.60	8,880.67	7,159.85	30.86	31.09	116.89	-403.27	-817.66	164.00	103.52	60.48	2.711	
8,900.00	7,082.98	8,980.64	7,157.19	32.22	32.45	116.47	-401.03	-917.56	166.36	103.29	63.07	2.638	
9,000.00	7,080.35	9,080.60	7,154.53	33.60	33.84	116.06	-398.79	-1,017.46	168.72	103.01	65.71	2.567	
9,100.00	7,077.72	9,180.57	7,151.87	35.02	35.26	115.66	-396.54	-1,117.37	171.09	102.68	68.41	2.501	
9,200.00	7,075.09	9,280.53	7,149.21	36.45	36.69	115.27	-394.30	-1,217.27	173.47	102.31	71.16	2.438	
9,300.00	7,072.47	9,380.49	7,146.55	37.90	38.15	114.89	-392.05	-1,317.18	175.86	101.91	73.95	2.378	
9,400.00	7,069.84	9,480.46	7,143.89	39.37	39.62	114.52	-389.81	-1,417.08	178.25	101.48	76.78	2.322	
9,500.00	7,067.21	9,580.42	7,141.23	40.86	41.11	114.16	-387.57	-1,516.99	180.66	101.01	79.64	2.268	
9,600.00	7,064.58	9,680.39	7,138.57	42.36	42.61	113.82	-385.32	-1,616.89	183.06	100.53	82.54	2.218	
9,700.00	7,061.95	9,780.35	7,135.91	43.87	44.13	113.47	-383.08	-1,716.79	185.48	100.01	85.47	2.170	
9,800.00	7,059.33	9,880.32	7,133.25	45.39	45.65	113.14	-380.84	-1,816.70	187.90	99.48	88.42	2.125	
9,900.00	7,056.70	9,980.28	7,130.59	46.92	47.19	112.82	-378.59	-1,916.60	190.33	98.93	91.40	2.082	
10,000.00	7,054.07	10,080.25	7,127.93	48.47	48.73	112.51	-376.35	-2,016.51	192.77	98.36	94.41	2.042	
10,100.00	7,051.44	10,180.21	7,125.27	50.02	50.29	112.20	-374.11	-2,116.41	195.21	97.78	97.43	2.004	
10,200.00	7,048.81	10,280.18	7,122.61	51.57	51.85	111.90	-371.86	-2,216.32	197.65	97.18	100.47	1.967	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,046.19	10,380.14	7,119.95	53.14	53.41	111.61	-369.62	-2,316.22	200.10	96.57	103.54	1.933	
10,400.00	7,043.56	10,480.11	7,117.29	54.71	54.99	111.32	-367.38	-2,416.12	202.56	95.94	106.61	1.900	
10,500.00	7,040.93	10,580.07	7,114.63	56.29	56.57	111.04	-365.13	-2,516.03	205.02	95.31	109.71	1.869	
10,600.00	7,038.30	10,680.04	7,111.97	57.87	58.15	110.77	-362.89	-2,615.93	207.48	94.66	112.82	1.839	
10,700.00	7,035.67	10,780.00	7,109.31	59.46	59.74	110.51	-360.65	-2,715.84	209.95	94.01	115.94	1.811	
10,800.00	7,033.05	10,879.97	7,106.65	61.05	61.34	110.25	-358.40	-2,815.74	212.43	93.35	119.07	1.784	
10,900.00	7,030.42	10,979.93	7,104.00	62.64	62.93	110.00	-356.16	-2,915.65	214.91	92.68	122.22	1.758	
11,000.00	7,027.79	11,079.90	7,101.34	64.24	64.54	109.75	-353.92	-3,015.55	217.39	92.01	125.38	1.734	
11,100.00	7,025.16	11,179.86	7,098.68	65.84	66.14	109.51	-351.67	-3,115.45	219.87	91.33	128.54	1.710	
11,200.00	7,022.53	11,279.83	7,096.02	67.45	67.75	109.27	-349.43	-3,215.36	222.36	90.64	131.72	1.688	
11,300.00	7,019.91	11,379.79	7,093.36	69.06	69.36	109.04	-347.18	-3,315.26	224.86	89.95	134.91	1.667	
11,400.00	7,017.28	11,479.76	7,090.70	70.67	70.98	108.81	-344.94	-3,415.17	227.36	89.26	138.10	1.646	
11,500.00	7,014.65	11,579.72	7,088.04	72.29	72.59	108.59	-342.70	-3,515.07	229.86	88.55	141.30	1.627	
11,600.00	7,012.02	11,679.69	7,085.38	73.90	74.21	108.38	-340.45	-3,614.98	232.36	87.85	144.51	1.608	
11,700.00	7,009.40	11,779.65	7,082.72	75.52	75.84	108.16	-338.21	-3,714.88	234.87	87.14	147.73	1.590	
11,800.00	7,006.77	11,879.62	7,080.06	77.15	77.46	107.96	-335.97	-3,814.78	237.38	86.43	150.95	1.573	
11,900.00	7,004.14	11,979.58	7,077.40	78.77	79.09	107.75	-333.72	-3,914.69	239.89	85.72	154.18	1.556	
12,000.00	7,001.51	12,079.55	7,074.74	80.40	80.71	107.56	-331.48	-4,014.59	242.41	85.00	157.41	1.540	
12,100.00	6,998.88	12,179.51	7,072.08	82.02	82.34	107.36	-329.24	-4,114.50	244.93	84.28	160.65	1.525	
12,200.00	6,996.26	12,279.48	7,069.42	83.65	83.98	107.17	-326.99	-4,214.40	247.45	83.56	163.90	1.510	
12,300.00	6,993.63	12,379.44	7,066.76	85.28	85.61	106.98	-324.75	-4,314.31	249.98	82.83	167.14	1.496 Level 3	
12,400.00	6,991.00	12,479.40	7,064.10	86.92	87.24	106.80	-322.51	-4,414.21	252.50	82.11	170.40	1.482 Level 3	
12,500.00	6,988.37	12,579.37	7,061.44	88.55	88.88	106.62	-320.26	-4,514.11	255.04	81.38	173.66	1.469 Level 3	
12,600.00	6,985.74	12,679.33	7,058.78	90.19	90.52	106.45	-318.02	-4,614.02	257.57	80.65	176.92	1.456 Level 3	
12,700.00	6,983.12	12,779.30	7,056.12	91.82	92.16	106.27	-315.78	-4,713.92	260.10	79.92	180.19	1.444 Level 3	
12,800.00	6,980.49	12,879.26	7,053.46	93.46	93.80	106.10	-313.53	-4,813.83	262.64	79.18	183.46	1.432 Level 3	
12,900.00	6,977.86	12,979.23	7,050.80	95.10	95.44	105.94	-311.29	-4,913.73	265.18	78.45	186.73	1.420 Level 3	
13,000.00	6,975.23	13,079.19	7,048.15	96.74	97.08	105.77	-309.05	-5,013.64	267.72	77.71	190.01	1.409 Level 3	
13,100.00	6,972.60	13,179.16	7,045.49	98.38	98.73	105.62	-306.80	-5,113.54	270.27	76.98	193.29	1.398 Level 3	
13,200.00	6,969.98	13,279.12	7,042.83	100.03	100.37	105.46	-304.56	-5,213.44	272.81	76.24	196.57	1.388 Level 3	
13,300.00	6,967.35	13,379.09	7,040.17	101.67	102.02	105.30	-302.32	-5,313.35	275.36	75.50	199.86	1.378 Level 3	
13,400.00	6,964.72	13,479.05	7,037.51	103.31	103.66	105.15	-300.07	-5,413.25	277.91	74.77	203.14	1.368 Level 3	
13,500.00	6,962.09	13,579.02	7,034.85	104.96	105.31	105.01	-297.83	-5,513.16	280.46	74.03	206.43	1.359 Level 3	
13,600.00	6,959.47	13,678.98	7,032.19	106.60	106.96	104.86	-295.58	-5,613.06	283.01	73.29	209.73	1.349 Level 3	
13,700.00	6,956.84	13,778.93	7,029.53	108.25	108.73	104.77	-294.34	-5,720.86	284.54	71.26	213.28	1.334 Level 3	
13,800.00	6,954.21	13,879.89	7,026.87	109.90	110.55	104.88	-297.15	-5,831.34	282.47	65.92	216.55	1.304 Level 3	
13,900.00	6,951.58	14,001.27	7,023.68	111.55	112.25	105.12	-302.18	-5,932.51	278.05	58.42	219.63	1.266 Level 3	
14,000.00	6,948.95	14,098.62	7,021.03	113.20	113.84	105.36	-307.18	-6,032.25	273.61	50.98	222.63	1.229 Level 2	
14,100.00	6,946.33	14,201.49	7,018.37	114.84	115.53	105.62	-312.18	-6,131.98	269.17	43.47	225.71	1.193 Level 2	
14,200.00	6,943.70	14,301.59	7,015.72	116.50	117.17	105.88	-317.17	-6,231.71	264.74	36.02	228.73	1.157 Level 2	
14,300.00	6,941.07	14,398.30	7,013.06	118.15	118.76	106.15	-322.17	-6,331.45	260.32	28.64	231.68	1.124 Level 2	
14,400.00	6,938.44	14,501.80	7,010.41	119.80	120.46	106.43	-327.17	-6,431.18	255.90	21.18	234.72	1.090 Level 2	
14,500.00	6,935.81	14,601.91	7,007.75	121.45	122.10	106.71	-332.16	-6,530.92	251.48	13.79	237.69	1.058 Level 2	
14,600.00	6,933.19	14,702.01	7,005.10	123.10	123.75	107.01	-337.16	-6,630.65	247.08	6.43	240.64	1.027 Level 2	
14,700.00	6,930.56	14,797.88	7,002.44	124.75	125.33	107.32	-342.16	-6,730.38	242.68	-0.83	243.51	0.997 Level 1	
14,800.00	6,927.93	14,902.23	6,999.79	126.41	127.04	107.65	-347.15	-6,830.12	238.28	-8.21	246.49	0.967 Level 1	
14,900.00	6,925.30	15,002.33	6,997.14	128.06	128.69	107.98	-352.15	-6,929.85	233.90	-15.48	249.38	0.938 Level 1	
15,000.00	6,922.67	15,102.44	6,994.48	129.72	130.34	108.33	-357.14	-7,029.59	229.52	-22.72	252.25	0.910 Level 1	
15,100.00	6,920.05	15,202.54	6,991.83	131.37	131.98	108.68	-362.14	-7,129.32	225.15	-29.93	255.08	0.883 Level 1	
15,200.00	6,917.42	15,302.65	6,989.17	133.03	133.63	109.06	-367.14	-7,229.05	220.80	-37.10	257.89	0.856 Level 1	
15,300.00	6,914.79	15,402.75	6,986.52	134.68	135.28	109.45	-372.13	-7,328.79	216.45	-44.23	260.67	0.830 Level 1	
15,389.77	6,912.43	15,486.92	6,984.13	136.17	136.67	109.81	-376.62	-7,418.31	212.55	-50.50	263.05	0.808 Level 1, ES, SF	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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
15,392.03	6,912.37	15,479.02	6,984.34	136.21	136.54	109.78	-376.22	-7,410.43	212.70	-50.27	262.97	0.809	Level 1

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.85	2.57	-999.77	999.77				
100.00	100.00	101.00	101.00	3.28	3.28	-89.85	2.57	-999.77	999.77	992.24	7.53	132.790	
200.00	200.00	201.00	201.00	3.31	3.31	-89.85	2.57	-999.77	999.77	992.20	7.57	131.996	
300.00	299.98	300.98	300.98	3.35	3.35	154.98	2.57	-999.77	1,001.35	993.69	7.66	130.709	
400.00	399.84	400.84	400.84	3.41	3.42	155.06	2.57	-999.77	1,006.10	998.31	7.79	129.146	
500.00	499.45	500.45	500.45	3.50	3.50	155.20	2.57	-999.77	1,014.01	1,006.05	7.97	127.304	
600.00	598.70	600.30	599.70	3.61	3.61	155.40	2.57	-999.77	1,025.10	1,016.91	8.19	125.237	
700.00	697.47	701.53	698.47	3.77	3.74	155.64	2.57	-999.77	1,039.36	1,030.91	8.45	122.983	
800.00	795.75	803.25	796.75	3.97	3.88	155.99	2.57	-999.77	1,056.25	1,047.49	8.76	120.586	
900.00	893.97	894.97	894.97	4.20	4.02	156.40	2.57	-999.77	1,073.45	1,064.37	9.08	118.252	
1,000.00	992.20	1,050.22	1,050.15	4.45	4.26	157.03	2.63	-995.83	1,088.25	1,078.75	9.50	114.566	
1,100.00	1,090.43	1,210.56	1,209.95	4.73	4.54	157.68	2.82	-982.95	1,097.62	1,087.67	9.95	110.338	
1,200.00	1,188.66	1,372.00	1,369.87	5.02	4.87	158.35	3.14	-960.98	1,101.46	1,091.04	10.43	105.619	
1,300.00	1,286.89	1,503.67	1,499.29	5.34	5.19	158.92	3.50	-936.81	1,100.42	1,089.51	10.91	100.894	
1,400.00	1,385.12	1,603.30	1,597.05	5.66	5.45	159.36	3.79	-917.61	1,098.69	1,087.31	11.38	96.572	
1,500.00	1,483.35	1,702.93	1,694.82	6.00	5.74	159.79	4.07	-898.41	1,097.03	1,085.16	11.87	92.459	
1,600.00	1,581.57	1,802.56	1,792.58	6.34	6.03	160.23	4.35	-879.22	1,095.43	1,083.06	12.37	88.585	
1,700.00	1,679.80	1,902.19	1,890.35	6.69	6.19	160.67	4.64	-860.02	1,093.89	1,081.31	12.59	86.903	
1,800.00	1,778.03	2,001.82	1,988.11	7.05	6.23	161.11	4.92	-840.82	1,092.42	1,079.54	12.88	84.798	
1,900.00	1,876.26	2,101.46	2,085.88	7.25	6.29	161.56	5.21	-821.63	1,091.02	1,078.17	12.85	84.902	
2,000.00	1,974.49	2,201.09	2,183.64	7.29	6.36	162.00	5.49	-802.43	1,089.68	1,076.76	12.92	84.358	
2,100.00	2,072.72	2,300.72	2,281.40	7.35	6.46	162.45	5.77	-783.24	1,088.41	1,075.39	13.02	83.611	
2,200.00	2,170.95	2,400.35	2,379.17	7.43	6.57	162.89	6.06	-764.04	1,087.20	1,074.05	13.15	82.677	
2,300.00	2,269.18	2,500.02	2,476.93	7.52	6.70	163.34	6.34	-744.84	1,086.06	1,072.75	13.31	81.575	
2,400.00	2,367.40	2,600.39	2,574.70	7.63	6.85	163.78	6.63	-725.65	1,084.99	1,071.48	13.51	80.322	
2,500.00	2,465.63	2,700.75	2,672.46	7.76	7.01	164.23	6.91	-706.45	1,083.98	1,070.25	13.73	78.943	
2,600.00	2,563.86	2,801.12	2,770.23	7.90	7.19	164.68	7.19	-687.25	1,083.04	1,069.06	13.98	77.462	
2,700.00	2,662.09	2,901.49	2,867.99	8.05	7.38	165.13	7.48	-668.06	1,082.17	1,067.91	14.26	75.900	
2,800.00	2,760.32	3,001.86	2,965.76	8.21	7.58	165.58	7.76	-648.86	1,081.36	1,066.81	14.56	74.279	
2,900.00	2,858.55	3,102.23	3,063.52	8.39	7.79	166.03	8.05	-629.66	1,080.63	1,065.75	14.88	72.618	
3,000.00	2,956.78	3,202.59	3,161.29	8.58	8.01	166.48	8.33	-610.47	1,079.96	1,064.73	15.22	70.933	
3,100.00	3,055.01	3,302.96	3,259.05	8.78	8.25	166.94	8.61	-591.27	1,079.35	1,063.76	15.59	69.240	
3,200.00	3,153.23	3,403.33	3,356.82	8.99	8.49	167.39	8.90	-572.08	1,078.82	1,062.85	15.97	67.552	
3,300.00	3,251.46	3,503.70	3,454.58	9.21	8.74	167.84	9.18	-552.88	1,078.35	1,061.98	16.37	65.878	
3,400.00	3,349.69	3,595.93	3,552.34	9.43	8.97	168.30	9.47	-533.68	1,077.95	1,061.19	16.77	64.297	
3,500.00	3,447.92	3,704.44	3,650.11	9.67	9.26	168.75	9.75	-514.49	1,077.62	1,060.41	17.21	62.608	
3,600.00	3,546.15	3,804.80	3,747.87	9.91	9.53	169.20	10.03	-495.29	1,077.36	1,059.70	17.65	61.025	
3,700.00	3,644.38	3,905.17	3,845.64	10.16	9.80	169.66	10.32	-476.09	1,077.16	1,059.05	18.11	59.482	
3,800.00	3,742.61	4,005.54	3,943.40	10.41	10.08	170.11	10.60	-456.90	1,077.04	1,058.46	18.58	57.983	
3,900.00	3,840.84	4,105.91	4,041.17	10.68	10.37	170.57	10.89	-437.70	1,076.98	1,057.93	19.05	56.529	
3,935.32	3,875.53	4,129.28	4,075.69	10.77	10.43	170.73	10.99	-430.92	1,076.97	1,057.78	19.19	56.113	
4,000.00	3,939.06	4,193.72	4,138.93	10.94	10.62	171.02	11.17	-418.51	1,076.99	1,057.48	19.51	55.212	
4,100.00	4,037.29	4,306.64	4,236.70	11.21	10.95	171.48	11.45	-399.31	1,077.07	1,057.03	20.03	53.762	
4,200.00	4,135.52	4,392.99	4,334.46	11.49	11.21	171.93	11.74	-380.11	1,077.21	1,056.71	20.50	52.543	
4,300.00	4,233.75	4,507.38	4,432.23	11.77	11.55	172.38	12.02	-360.92	1,077.43	1,056.38	21.05	51.184	
4,400.00	4,331.98	4,607.75	4,529.99	12.06	11.85	172.84	12.31	-341.72	1,077.71	1,056.14	21.57	49.965	
4,500.00	4,430.21	4,708.12	4,627.76	12.35	12.16	173.29	12.59	-322.52	1,078.06	1,055.97	22.10	48.791	
4,600.00	4,528.44	4,808.49	4,725.52	12.64	12.47	173.75	12.87	-303.33	1,078.48	1,055.85	22.63	47.661	
4,700.00	4,626.67	4,908.85	4,823.28	12.93	12.78	174.20	13.16	-284.13	1,078.97	1,055.80	23.17	46.575	
4,800.00	4,724.89	5,009.22	4,921.05	13.23	13.09	174.65	13.44	-264.94	1,079.52	1,055.81	23.71	45.530	
4,900.00	4,823.12	5,109.59	5,018.81	13.54	13.41	175.10	13.73	-245.74	1,080.15	1,055.89	24.26	44.525	
5,000.00	4,921.35	5,209.96	5,116.58	13.84	13.73	175.55	14.01	-226.54	1,080.84	1,056.02	24.81	43.558	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,019.58	5,289.67	5,214.34	14.15	13.98	176.01	14.29	-207.35	1,081.59	1,056.28	25.31	42.728	
5,200.00	5,117.81	5,389.31	5,312.11	14.46	14.30	176.46	14.58	-188.15	1,082.42	1,056.55	25.87	41.834	
5,300.00	5,216.04	5,488.94	5,409.87	14.77	14.63	176.90	14.86	-168.95	1,083.31	1,056.87	26.44	40.975	
5,400.00	5,314.27	5,588.57	5,507.64	15.08	14.95	177.35	15.15	-149.76	1,084.27	1,057.26	27.01	40.148	
5,500.00	5,412.50	5,688.20	5,605.40	15.40	15.27	177.80	15.43	-130.56	1,085.30	1,057.72	27.58	39.352	
5,600.00	5,510.72	5,787.83	5,703.17	15.71	15.60	178.25	15.72	-111.37	1,086.39	1,058.24	28.16	38.586	
5,700.00	5,608.95	5,887.46	5,800.93	16.03	15.93	178.69	16.00	-92.17	1,087.55	1,058.82	28.73	37.849	
5,800.00	5,707.18	5,987.10	5,898.69	16.35	16.25	179.14	16.28	-72.97	1,088.78	1,059.46	29.32	37.139	
5,900.00	5,805.41	6,086.73	5,996.46	16.68	16.58	179.58	16.57	-53.78	1,090.07	1,060.17	29.90	36.455	
6,000.00	5,903.64	6,186.36	6,094.22	17.00	16.91	-179.97	16.85	-34.58	1,091.43	1,060.94	30.49	35.796	
6,100.00	6,001.87	6,285.99	6,191.99	17.33	17.24	-179.53	17.14	-15.38	1,092.85	1,061.77	31.08	35.161	
6,200.00	6,100.10	6,385.62	6,289.75	17.65	17.58	-179.09	17.42	3.81	1,094.34	1,062.66	31.67	34.549	
6,300.00	6,198.33	6,485.25	6,387.52	17.98	17.91	-178.65	17.70	23.01	1,095.89	1,063.62	32.27	33.959	
6,400.00	6,296.55	6,584.89	6,485.28	18.31	18.24	-178.21	17.99	42.20	1,097.51	1,064.64	32.87	33.389	
6,500.00	6,394.83	8,074.42	7,308.77	18.63	30.08	-131.99	23.39	1,024.17	1,043.09	1,007.95	35.14	29.682	
6,600.00	6,494.21	8,080.07	7,308.75	18.81	30.15	169.46	23.41	1,029.82	961.63	925.17	36.46	26.374	
6,700.00	6,593.31	8,070.04	7,308.79	18.92	30.02	127.10	23.37	1,019.79	884.21	846.38	37.83	23.376	
6,800.00	6,689.68	8,044.59	7,308.90	18.97	29.69	122.41	23.28	994.33	813.58	774.40	39.18	20.764	
6,900.00	6,780.96	8,004.33	7,309.07	18.98	29.18	121.58	23.13	954.08	752.11	711.67	40.45	18.596	
7,000.00	6,864.89	7,950.28	7,309.29	18.95	28.51	120.49	22.93	900.03	701.46	659.94	41.51	16.898	
7,100.00	6,939.42	7,883.74	7,309.57	18.90	27.69	118.59	22.69	833.49	662.27	620.01	42.26	15.672	
7,200.00	7,002.70	7,806.37	7,309.89	18.86	26.77	116.06	22.41	756.12	634.08	591.45	42.63	14.874	
7,300.00	7,053.18	7,679.72	7,302.41	18.85	25.33	111.14	21.93	629.87	613.43	571.17	42.25	14.518	
7,400.00	7,089.61	7,554.97	7,271.28	18.89	23.96	105.64	21.42	509.27	594.80	552.95	41.85	14.213	
7,500.00	7,111.10	7,448.02	7,226.31	19.02	22.89	100.53	20.96	412.37	579.89	538.31	41.58	13.946	
7,600.00	7,117.12	7,353.38	7,173.47	19.24	22.03	95.67	20.56	333.96	569.79	528.38	41.40	13.762	
7,700.00	7,114.51	7,272.11	7,119.25	19.62	21.37	90.39	20.22	273.50	565.30	523.92	41.38	13.661	
7,709.76	7,114.26	7,265.09	7,114.22	19.67	21.32	89.89	20.19	268.61	565.26	523.86	41.39	13.656 CC, ES, SF	
7,800.00	7,111.88	7,206.87	7,070.43	20.15	20.89	85.57	19.96	230.27	569.14	527.64	41.50	13.716	
7,900.00	7,109.26	7,154.38	7,028.09	20.84	20.54	81.41	19.75	199.26	583.69	542.04	41.65	14.014	
8,000.00	7,106.63	7,111.77	6,991.94	21.65	20.28	77.93	19.59	176.72	609.88	568.12	41.76	14.604	
8,100.00	7,104.00	7,076.78	6,961.18	22.56	20.09	75.02	19.46	160.06	647.42	605.63	41.79	15.494	
8,200.00	7,101.37	7,050.00	6,937.05	23.57	19.94	72.79	19.36	148.46	695.21	653.48	41.73	16.658	
8,300.00	7,098.74	7,023.25	6,912.47	24.65	19.81	70.57	19.27	137.89	751.76	710.16	41.59	18.074	
8,400.00	7,096.12	7,000.00	6,890.77	25.79	19.70	68.65	19.19	129.56	815.58	774.17	41.41	19.695	
8,500.00	7,093.49	6,984.60	6,876.23	26.99	19.63	67.40	19.14	124.47	885.30	844.07	41.23	21.472	
8,600.00	7,090.86	6,969.11	6,861.49	28.24	19.57	66.14	19.09	119.72	959.79	918.76	41.03	23.390	
8,700.00	7,088.23	6,950.00	6,843.15	29.53	19.49	64.62	19.03	114.35	1,038.17	997.33	40.84	25.421	
8,800.00	7,085.60	6,950.00	6,843.15	30.86	19.49	64.62	19.03	114.35	1,119.63	1,078.97	40.66	27.537	
8,900.00	7,082.98	6,933.07	6,826.77	32.22	19.43	63.28	18.98	110.05	1,203.57	1,163.08	40.50	29.720	
9,000.00	7,080.35	6,923.62	6,817.59	33.60	19.39	62.55	18.95	107.84	1,289.64	1,249.29	40.34	31.966	
9,100.00	7,077.72	6,901.59	6,796.05	35.02	19.31	60.86	18.89	103.22	1,377.62	1,337.40	40.22	34.250	
9,200.00	7,075.09	6,901.59	6,796.05	36.45	19.31	60.86	18.89	103.22	1,466.68	1,426.59	40.09	36.585	
9,300.00	7,072.47	6,898.20	6,792.72	37.90	19.30	60.61	18.88	102.57	1,557.07	1,517.09	39.97	38.953	
9,400.00	7,069.84	6,876.36	6,771.29	39.37	19.23	58.99	18.82	98.36	1,648.37	1,608.47	39.91	41.306	
9,500.00	7,067.21	6,854.52	6,749.86	40.86	19.15	57.42	18.76	94.15	1,740.36	1,700.51	39.86	43.667	
9,600.00	7,064.58	6,832.68	6,728.43	42.36	19.08	55.91	18.69	89.95	1,832.93	1,793.11	39.82	46.031	
9,700.00	7,061.95	6,810.84	6,707.00	43.87	19.00	54.45	18.63	85.74	1,926.00	1,886.20	39.80	48.397	
9,800.00	7,059.33	6,789.00	6,685.57	45.39	18.93	53.04	18.57	81.53	2,019.49	1,979.70	39.78	50.761	
9,900.00	7,056.70	6,767.16	6,664.14	46.92	18.86	51.68	18.51	77.32	2,113.35	2,073.57	39.78	53.122	
10,000.00	7,054.07	6,745.32	6,642.71	48.47	18.78	50.37	18.44	73.11	2,207.53	2,167.74	39.79	55.479	
10,100.00	7,051.44	6,723.48	6,621.27	50.02	18.71	49.11	18.38	68.91	2,302.00	2,262.19	39.81	57.829	

Hewlett-Packard  
Anticollision Report

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

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 14C-3-L - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,048.81	6,701.64	6,599.84	51.57	18.64	47.90	18.32	64.70	2,396.72	2,356.89	39.83	60.172		
10,300.00	7,046.19	6,679.80	6,578.41	53.14	18.56	46.72	18.26	60.49	2,491.66	2,451.80	39.86	62.506		

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	1.00	3.28	3.28	-89.85	2.57	-979.72	979.73				
100.00	100.00	101.00	101.00	3.28	3.28	-89.85	2.57	-979.72	979.73	972.20	7.53	130.128	
200.00	200.00	201.00	201.00	3.31	3.31	-89.85	2.57	-979.72	979.73	972.15	7.57	129.350	
300.00	299.98	342.56	342.53	3.35	3.37	155.00	2.22	-977.12	979.59	971.91	7.68	127.603	
400.00	399.84	493.75	493.34	3.41	3.49	155.13	0.84	-966.77	977.48	969.65	7.83	124.822	
500.00	499.45	644.59	643.04	3.50	3.68	155.35	-1.59	-948.59	973.31	965.26	8.04	120.994	
600.00	598.70	768.77	765.50	3.61	3.89	155.62	-4.30	-928.24	967.80	959.50	8.30	116.572	
700.00	697.47	868.62	863.86	3.77	4.10	155.90	-6.58	-911.16	964.89	956.29	8.60	112.214	
799.86	795.68	968.33	962.07	3.97	4.33	156.23	-8.86	-894.10	964.23	955.29	8.94	107.850	
800.00	795.75	968.46	962.20	3.97	4.33	156.24	-8.86	-894.07	964.62	955.68	8.94	107.887	
808.98	804.57	977.43	971.04	3.99	4.35	156.27	-9.07	-892.54	964.62	955.64	8.97	107.492	
900.00	893.97	1,068.30	1,060.54	4.20	4.58	156.58	-11.14	-876.99	964.63	955.31	9.32	103.488	
1,000.00	992.20	1,168.14	1,158.88	4.45	4.85	156.91	-13.42	-859.91	964.68	954.94	9.73	99.110	
1,100.00	1,090.43	1,267.98	1,257.22	4.73	5.13	157.25	-15.70	-842.83	964.76	954.59	10.17	94.833	
1,200.00	1,188.66	1,367.81	1,355.56	5.02	5.43	157.59	-17.98	-825.74	964.87	954.24	10.63	90.727	
1,300.00	1,286.89	1,467.65	1,453.89	5.34	5.74	157.93	-20.26	-808.66	965.02	953.90	11.12	86.797	
1,400.00	1,385.12	1,567.49	1,552.23	5.66	6.06	158.26	-22.54	-791.58	965.20	953.59	11.62	83.075	
1,500.00	1,483.35	1,667.33	1,650.57	6.00	6.38	158.60	-24.82	-774.50	965.42	953.29	12.13	79.570	
1,600.00	1,581.57	1,767.16	1,748.91	6.34	6.72	158.94	-27.10	-757.42	965.67	953.01	12.66	76.277	
1,700.00	1,679.80	1,867.00	1,847.25	6.69	6.95	159.28	-29.38	-740.33	965.95	953.01	12.94	74.661	
1,800.00	1,778.03	1,966.84	1,945.59	7.05	7.04	159.61	-31.66	-723.25	966.27	953.00	13.27	72.810	
1,900.00	1,876.26	2,066.68	2,043.93	7.25	7.09	159.95	-33.94	-706.17	966.62	953.39	13.23	73.057	
2,000.00	1,974.49	2,166.51	2,142.27	7.29	7.15	160.29	-36.22	-689.09	967.00	953.72	13.29	72.776	
2,100.00	2,072.72	2,266.35	2,240.60	7.35	7.24	160.62	-38.50	-672.00	967.42	954.04	13.38	72.327	
2,200.00	2,170.95	2,366.19	2,338.94	7.43	7.33	160.96	-40.78	-654.92	967.87	954.38	13.49	71.722	
2,300.00	2,269.18	2,466.03	2,437.28	7.52	7.45	161.30	-43.06	-637.84	968.35	954.71	13.64	70.972	
2,400.00	2,367.40	2,565.86	2,535.62	7.63	7.57	161.63	-45.34	-620.76	968.87	955.05	13.82	70.094	
2,500.00	2,465.63	2,665.70	2,633.96	7.76	7.71	161.97	-47.62	-603.68	969.42	955.39	14.03	69.103	
2,600.00	2,563.86	2,765.54	2,732.30	7.90	7.86	162.30	-49.90	-586.59	970.00	955.74	14.26	68.016	
2,700.00	2,662.09	2,865.37	2,830.64	8.05	8.02	162.63	-52.18	-569.51	970.62	956.10	14.52	66.851	
2,800.00	2,760.32	2,965.21	2,928.98	8.21	8.20	162.97	-54.46	-552.43	971.27	956.47	14.80	65.623	
2,900.00	2,858.55	3,065.05	3,027.31	8.39	8.38	163.30	-56.74	-535.35	971.95	956.85	15.10	64.348	
3,000.00	2,956.78	3,164.89	3,125.65	8.58	8.58	163.63	-59.02	-518.27	972.67	957.24	15.43	63.040	
3,100.00	3,055.01	3,264.72	3,223.99	8.78	8.78	163.97	-61.30	-501.18	973.42	957.64	15.77	61.712	
3,200.00	3,153.23	3,364.56	3,322.33	8.99	8.99	164.30	-63.58	-484.10	974.20	958.06	16.14	60.375	
3,300.00	3,251.46	3,464.40	3,420.67	9.21	9.21	164.63	-65.86	-467.02	975.01	958.50	16.52	59.038	
3,400.00	3,349.69	3,564.24	3,519.01	9.43	9.44	164.96	-68.14	-449.94	975.86	958.95	16.91	57.709	
3,500.00	3,447.92	3,664.07	3,617.35	9.67	9.67	165.29	-70.42	-432.85	976.74	959.42	17.32	56.396	
3,600.00	3,546.15	3,763.91	3,715.69	9.91	9.91	165.62	-72.70	-415.77	977.65	959.91	17.74	55.103	
3,700.00	3,644.38	3,863.75	3,814.02	10.16	10.16	165.95	-74.98	-398.69	978.59	960.42	18.18	53.835	
3,800.00	3,742.61	3,963.59	3,912.36	10.41	10.41	166.28	-77.26	-381.61	979.57	960.95	18.62	52.596	
3,900.00	3,840.84	4,063.42	4,010.70	10.68	10.67	166.60	-79.54	-364.53	980.58	961.50	19.08	51.388	
4,000.00	3,939.06	4,163.26	4,109.04	10.94	10.93	166.93	-81.82	-347.44	981.62	962.07	19.55	50.212	
4,100.00	4,037.29	4,263.10	4,207.38	11.21	11.19	167.26	-84.10	-330.36	982.69	962.67	20.03	49.071	
4,200.00	4,135.52	4,362.94	4,305.72	11.49	11.46	167.58	-86.38	-313.28	983.80	963.29	20.51	47.964	
4,300.00	4,233.75	4,462.77	4,404.06	11.77	11.74	167.91	-88.66	-296.20	984.93	963.93	21.00	46.893	
4,400.00	4,331.98	4,562.61	4,502.39	12.06	12.01	168.23	-90.94	-279.12	986.10	964.60	21.50	45.857	
4,500.00	4,430.21	4,662.45	4,600.73	12.35	12.29	168.55	-93.22	-262.03	987.30	965.29	22.01	44.855	
4,600.00	4,528.44	4,762.29	4,699.07	12.64	12.58	168.88	-95.50	-244.95	988.53	966.01	22.52	43.888	
4,700.00	4,626.67	4,862.12	4,797.41	12.93	12.86	169.20	-97.78	-227.87	989.79	966.75	23.04	42.954	
4,800.00	4,724.89	4,961.96	4,895.75	13.23	13.15	169.52	-100.06	-210.79	991.09	967.52	23.57	42.053	
4,900.00	4,823.12	5,061.80	4,994.09	13.54	13.45	169.84	-102.34	-193.70	992.41	968.31	24.10	41.184	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	
5,000.00	4,921.35	5,161.63	5,092.43	13.84	13.74	170.16	-104.62	-176.62	993.77	969.13	24.63	40.346	
5,100.00	5,019.58	5,261.47	5,190.77	14.15	14.04	170.48	-106.90	-159.54	995.15	969.98	25.17	39.537	
5,200.00	5,117.81	5,361.31	5,289.10	14.46	14.33	170.79	-109.18	-142.46	996.57	970.85	25.71	38.758	
5,300.00	5,216.04	5,461.15	5,387.44	14.77	14.63	171.11	-111.46	-125.38	998.02	971.76	26.26	38.006	
5,400.00	5,314.27	5,560.98	5,485.78	15.08	14.94	171.42	-113.74	-108.29	999.49	972.68	26.81	37.281	
5,500.00	5,412.50	5,660.82	5,584.12	15.40	15.24	171.74	-116.02	-91.21	1,001.00	973.64	27.36	36.581	
5,600.00	5,510.72	5,760.66	5,682.46	15.71	15.55	172.05	-118.30	-74.13	1,002.54	974.62	27.92	35.907	
5,700.00	5,608.95	5,860.50	5,780.80	16.03	15.85	172.36	-120.58	-57.05	1,004.11	975.63	28.48	35.256	
5,800.00	5,707.18	5,960.33	5,879.14	16.35	16.16	172.68	-122.86	-39.97	1,005.70	976.66	29.04	34.627	
5,900.00	5,805.41	6,060.17	5,977.48	16.68	16.47	172.99	-125.14	-22.88	1,007.33	977.72	29.61	34.021	
6,000.00	5,903.64	6,160.01	6,075.81	17.00	16.78	173.30	-127.42	-5.80	1,008.99	978.81	30.18	33.436	
6,100.00	6,001.87	6,259.85	6,174.15	17.33	17.09	173.61	-129.70	11.28	1,010.68	979.93	30.75	32.870	
6,200.00	6,100.10	6,359.68	6,272.49	17.65	17.41	173.91	-131.98	28.36	1,012.39	981.07	31.32	32.324	
6,300.00	6,198.33	7,861.39	7,126.77	17.98	28.64	-136.55	-146.96	990.82	980.53	949.40	31.13	31.499	
6,400.00	6,296.55	7,877.86	7,126.70	18.31	28.85	-134.44	-146.86	1,007.29	891.05	858.91	32.14	27.726	
6,500.00	6,394.83	7,905.97	7,126.63	18.63	29.21	-134.13	-146.76	1,023.45	803.67	770.22	33.45	24.027	
6,600.00	6,494.21	7,900.38	7,126.60	18.81	29.13	169.62	-146.73	1,029.05	718.34	683.54	34.81	20.638	
6,700.00	6,593.31	7,889.54	7,126.65	18.92	29.00	128.15	-146.79	1,018.97	637.49	601.05	36.44	17.494	
6,800.00	6,689.68	7,864.04	7,126.76	18.97	28.68	122.99	-146.94	993.47	564.63	526.36	38.27	14.753	
6,900.00	6,780.96	7,823.75	7,126.94	18.98	28.17	120.67	-147.19	953.18	503.09	462.92	40.17	12.525	
7,000.00	6,864.89	7,769.65	7,127.18	18.95	27.50	117.30	-147.51	899.08	455.49	413.62	41.87	10.878	
7,100.00	6,939.42	7,703.08	7,127.48	18.90	26.70	112.48	-147.92	832.51	422.87	379.82	43.05	9.822	
7,200.00	7,002.70	7,625.68	7,127.83	18.86	25.80	106.66	-148.38	755.11	404.01	360.50	43.51	9.286	
7,300.00	7,053.18	7,534.19	7,126.13	18.85	24.78	100.13	-148.88	663.67	395.32	352.12	43.21	9.150 SF	
7,397.71	7,088.94	7,444.19	7,112.90	18.89	23.80	93.51	-149.09	574.73	392.66	350.03	42.63	9.211 CC, ES	
7,400.00	7,089.61	7,442.16	7,112.46	18.89	23.78	93.35	-149.09	572.75	392.66	350.05	42.61	9.214	
7,500.00	7,111.10	7,356.30	7,088.01	19.02	22.89	86.88	-148.99	490.50	395.37	353.39	41.98	9.419	
7,600.00	7,117.12	7,275.17	7,054.96	19.24	22.11	80.84	-148.62	416.48	402.59	361.20	41.39	9.727	
7,700.00	7,114.51	7,200.66	7,016.53	19.62	21.44	75.73	-148.07	352.70	415.40	374.47	40.93	10.150	
7,800.00	7,111.88	7,135.92	6,977.29	20.15	20.91	70.76	-147.43	301.24	437.41	396.83	40.57	10.780	
7,900.00	7,109.26	7,080.24	6,939.51	20.84	20.49	66.23	-146.75	260.37	469.78	429.48	40.30	11.657	
8,000.00	7,106.63	7,032.53	6,904.40	21.65	20.16	62.28	-146.10	228.09	512.44	472.36	40.08	12.787	
8,100.00	7,104.00	6,991.63	6,872.45	22.56	19.89	58.93	-145.47	202.57	564.41	524.52	39.89	14.149	
8,200.00	7,101.37	6,950.00	6,838.32	23.57	19.63	55.59	-144.79	178.76	624.42	584.74	39.68	15.737	
8,300.00	7,098.74	6,926.06	6,818.01	24.65	19.49	53.72	-144.37	166.09	690.88	651.28	39.59	17.449	
8,400.00	7,096.12	6,900.00	6,795.38	25.79	19.35	51.74	-143.90	153.19	762.73	723.26	39.47	19.325	
8,500.00	7,093.49	6,876.54	6,774.56	26.99	19.23	50.01	-143.46	142.37	838.88	799.53	39.36	21.315	
8,600.00	7,090.86	6,850.00	6,750.56	28.24	19.09	48.13	-142.95	131.06	918.56	879.32	39.24	23.407	
8,700.00	7,088.23	6,850.00	6,750.56	29.53	19.09	48.13	-142.95	131.06	1,001.13	961.96	39.16	25.562	
8,800.00	7,085.60	6,822.25	6,724.99	30.86	18.96	46.24	-142.39	120.32	1,085.71	1,046.63	39.08	27.783	
8,900.00	7,082.98	6,800.00	6,704.15	32.22	18.86	44.78	-141.93	112.52	1,172.43	1,133.43	39.01	30.058	
9,000.00	7,080.35	6,800.00	6,704.15	33.60	18.86	44.78	-141.93	112.52	1,260.62	1,221.69	38.92	32.386	
9,100.00	7,077.72	6,783.50	6,688.53	35.02	18.80	43.74	-141.59	107.21	1,350.14	1,311.27	38.87	34.734	
9,200.00	7,075.09	6,772.98	6,678.50	36.45	18.75	43.09	-141.36	104.04	1,440.81	1,402.00	38.82	37.119	
9,300.00	7,072.47	6,750.00	6,656.43	37.90	18.66	41.72	-140.86	97.68	1,532.63	1,493.83	38.80	39.505	
9,400.00	7,069.84	6,750.00	6,656.43	39.37	18.66	41.72	-140.86	97.68	1,624.90	1,586.16	38.73	41.950	
9,500.00	7,067.21	6,750.00	6,656.43	40.86	18.66	41.72	-140.86	97.68	1,718.03	1,679.36	38.68	44.422	
9,600.00	7,064.58	6,750.00	6,656.43	42.36	18.66	41.72	-140.86	97.68	1,811.90	1,773.27	38.62	46.914	
9,700.00	7,061.95	6,732.39	6,639.37	43.87	18.60	40.71	-140.48	93.36	1,906.07	1,867.44	38.63	49.345	
9,800.00	7,059.33	6,726.08	6,633.22	45.39	18.58	40.35	-140.34	91.92	2,000.83	1,962.22	38.60	51.828	
9,900.00	7,056.70	6,720.22	6,627.51	46.92	18.55	40.03	-140.21	90.64	2,096.00	2,057.41	38.59	54.319	
10,000.00	7,054.07	6,700.00	6,607.69	48.47	18.48	38.94	-139.75	86.63	2,191.76	2,153.14	38.62	56.752	

Hewlett-Packard  
Anticollision Report

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

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,100.00	7,051.44	6,700.00	6,607.69	50.02	18.48	38.94	-139.75	86.63	2,287.51	2,248.92	38.59	59.271	
10,200.00	7,048.81	6,700.00	6,607.69	51.57	18.48	38.94	-139.75	86.63	2,383.60	2,345.03	38.57	61.796	
10,300.00	7,046.19	6,700.00	6,607.69	53.14	18.48	38.94	-139.75	86.63	2,480.01	2,441.45	38.56	64.323	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.85	2.57	-959.68	959.68				
100.00	100.00	100.00	100.00	3.28	3.28	-89.85	2.57	-959.68	959.68	952.15	7.53	127.467	
200.00	200.00	200.00	200.00	3.31	3.31	-89.85	2.57	-959.68	959.68	952.11	7.57	126.709	
300.00	299.98	346.79	346.72	3.35	3.37	154.96	1.41	-956.10	958.82	951.15	7.68	124.895	
400.00	399.84	493.40	492.89	3.41	3.49	154.97	-2.07	-945.40	956.25	948.43	7.83	122.149	
500.00	499.45	639.69	637.97	3.50	3.67	154.98	-7.84	-927.65	951.98	943.94	8.04	118.385	
600.00	598.70	755.46	752.12	3.61	3.87	155.02	-13.79	-909.32	947.06	938.76	8.30	114.118	
700.00	697.47	855.43	850.63	3.77	4.08	155.12	-19.05	-893.14	945.02	936.42	8.60	109.895	
736.21	733.11	908.37	886.30	3.84	4.20	155.17	-20.96	-887.28	944.93	936.18	8.75	107.973	
800.00	795.75	955.39	949.13	3.97	4.31	155.28	-24.31	-876.96	945.57	936.63	8.95	105.688	
900.00	893.97	1,055.35	1,047.63	4.20	4.56	155.45	-29.57	-860.78	946.39	937.06	9.33	101.401	
1,000.00	992.20	1,155.31	1,146.13	4.45	4.83	155.61	-34.83	-844.60	947.22	937.46	9.75	97.124	
1,100.00	1,090.43	1,255.27	1,244.63	4.73	5.12	155.77	-40.09	-828.42	948.05	937.85	10.20	92.938	
1,200.00	1,188.66	1,355.23	1,343.14	5.02	5.42	155.94	-45.34	-812.24	948.89	938.22	10.67	88.921	
1,300.00	1,286.89	1,455.19	1,441.64	5.34	5.73	156.10	-50.60	-796.05	949.74	938.57	11.17	85.063	
1,400.00	1,385.12	1,555.15	1,540.14	5.66	6.04	156.27	-55.86	-779.87	950.59	938.92	11.68	81.414	
1,500.00	1,483.35	1,655.11	1,638.64	6.00	6.37	156.43	-61.12	-763.69	951.46	939.26	12.20	77.974	
1,600.00	1,581.57	1,755.07	1,737.14	6.34	6.70	156.59	-66.38	-747.51	952.33	939.59	12.74	74.743	
1,700.00	1,679.80	1,855.03	1,835.64	6.69	6.95	156.75	-71.64	-731.33	953.21	940.16	13.05	73.066	
1,800.00	1,778.03	1,954.99	1,934.14	7.05	7.06	156.92	-76.89	-715.15	954.10	940.69	13.40	71.191	
1,900.00	1,876.26	2,054.95	2,032.64	7.25	7.11	157.08	-82.15	-698.97	954.99	941.62	13.37	71.447	
2,000.00	1,974.49	2,154.91	2,131.14	7.29	7.17	157.24	-87.41	-682.79	955.89	942.47	13.43	71.196	
2,100.00	2,072.72	2,254.87	2,229.64	7.35	7.25	157.40	-92.67	-666.61	956.80	943.29	13.52	70.779	
2,200.00	2,170.95	2,354.82	2,328.15	7.43	7.35	157.56	-97.93	-650.42	957.72	944.08	13.64	70.208	
2,300.00	2,269.18	2,454.78	2,426.65	7.52	7.46	157.72	-103.19	-634.24	958.65	944.85	13.79	69.493	
2,400.00	2,367.40	2,554.74	2,525.15	7.63	7.58	157.88	-108.44	-618.06	959.58	945.60	13.98	68.651	
2,500.00	2,465.63	2,654.70	2,623.65	7.76	7.72	158.04	-113.70	-601.88	960.52	946.33	14.19	67.696	
2,600.00	2,563.86	2,754.66	2,722.15	7.90	7.87	158.20	-118.96	-585.70	961.47	947.04	14.43	66.646	
2,700.00	2,662.09	2,854.62	2,820.65	8.05	8.03	158.36	-124.22	-569.52	962.42	947.73	14.69	65.518	
2,800.00	2,760.32	2,954.58	2,919.15	8.21	8.20	158.52	-129.48	-553.34	963.38	948.41	14.98	64.326	
2,900.00	2,858.55	3,054.54	3,017.65	8.39	8.39	158.68	-134.73	-537.16	964.35	949.07	15.29	63.087	
3,000.00	2,956.78	3,154.50	3,116.15	8.58	8.58	158.84	-139.99	-520.97	965.33	949.71	15.62	61.814	
3,100.00	3,055.01	3,254.46	3,214.65	8.78	8.78	158.99	-145.25	-504.79	966.31	950.35	15.97	60.520	
3,200.00	3,153.23	3,354.42	3,313.16	8.99	8.99	159.15	-150.51	-488.61	967.31	950.97	16.34	59.215	
3,300.00	3,251.46	3,454.38	3,411.66	9.21	9.21	159.31	-155.77	-472.43	968.31	951.58	16.72	57.908	
3,400.00	3,349.69	3,554.34	3,510.16	9.43	9.44	159.47	-161.03	-456.25	969.31	952.19	17.12	56.609	
3,500.00	3,447.92	3,654.30	3,608.66	9.67	9.67	159.62	-166.28	-440.07	970.33	952.79	17.54	55.324	
3,600.00	3,546.15	3,754.26	3,707.16	9.91	9.91	159.78	-171.54	-423.89	971.35	953.38	17.97	54.058	
3,700.00	3,644.38	3,854.22	3,805.66	10.16	10.16	159.94	-176.80	-407.71	972.37	953.96	18.41	52.815	
3,800.00	3,742.61	3,954.18	3,904.16	10.41	10.41	160.09	-182.06	-391.53	973.41	954.55	18.86	51.599	
3,900.00	3,840.84	4,054.14	4,002.66	10.68	10.66	160.25	-187.32	-375.34	974.45	955.12	19.33	50.413	
4,000.00	3,939.06	4,154.10	4,101.16	10.94	10.92	160.40	-192.58	-359.16	975.50	955.70	19.80	49.257	
4,100.00	4,037.29	4,254.06	4,199.67	11.21	11.19	160.56	-197.83	-342.98	976.56	956.27	20.29	48.135	
4,200.00	4,135.52	4,354.02	4,298.17	11.49	11.46	160.71	-203.09	-326.80	977.62	956.84	20.78	47.046	
4,300.00	4,233.75	4,453.98	4,396.67	11.77	11.73	160.87	-208.35	-310.62	978.69	957.41	21.28	45.990	
4,400.00	4,331.98	4,553.94	4,495.17	12.06	12.01	161.02	-213.61	-294.44	979.77	957.98	21.79	44.969	
4,500.00	4,430.21	4,653.90	4,593.67	12.35	12.29	161.17	-218.87	-278.26	980.86	958.56	22.30	43.980	
4,600.00	4,528.44	4,753.86	4,692.17	12.64	12.58	161.33	-224.13	-262.08	981.95	959.13	22.82	43.025	
4,700.00	4,626.67	4,853.82	4,790.67	12.93	12.86	161.48	-229.38	-245.90	983.05	959.70	23.35	42.102	
4,800.00	4,724.89	4,953.78	4,889.17	13.23	13.15	161.63	-234.64	-229.71	984.16	960.27	23.88	41.211	
4,900.00	4,823.12	5,053.73	4,987.67	13.54	13.44	161.78	-239.90	-213.53	985.27	960.85	24.42	40.351	
5,000.00	4,921.35	5,153.69	5,086.17	13.84	13.74	161.94	-245.16	-197.35	986.39	961.43	24.96	39.521	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,019.58	5,253.65	5,184.68	14.15	14.03	162.09	-250.42	-181.17	987.52	962.01	25.50	38.719	
5,200.00	5,117.81	5,353.61	5,283.18	14.46	14.33	162.24	-255.68	-164.99	988.65	962.60	26.05	37.946	
5,300.00	5,216.04	5,453.57	5,381.68	14.77	14.63	162.39	-260.93	-148.81	989.79	963.18	26.61	37.199	
5,400.00	5,314.27	5,553.53	5,480.18	15.08	14.94	162.54	-266.19	-132.63	990.94	963.77	27.17	36.478	
5,500.00	5,412.50	5,653.49	5,578.68	15.40	15.24	162.69	-271.45	-116.45	992.09	964.37	27.73	35.783	
5,600.00	5,510.72	5,753.45	5,677.18	15.71	15.55	162.84	-276.71	-100.27	993.25	964.96	28.29	35.111	
5,700.00	5,608.95	5,853.41	5,775.68	16.03	15.85	162.99	-281.97	-84.08	994.42	965.57	28.86	34.462	
5,800.00	5,707.18	5,953.37	5,874.18	16.35	16.16	163.14	-287.22	-67.90	995.60	966.17	29.42	33.836	
5,900.00	5,805.41	6,053.33	5,972.68	16.68	16.47	163.28	-292.48	-51.72	996.78	966.78	30.00	33.230	
6,000.00	5,903.64	6,153.29	6,071.18	17.00	16.78	163.43	-297.74	-35.54	997.97	967.40	30.57	32.645	
6,100.00	6,001.87	6,253.25	6,169.69	17.33	17.10	163.58	-303.00	-19.36	999.16	968.01	31.15	32.080	
6,200.00	6,100.10	6,353.21	6,268.19	17.65	17.41	163.73	-308.26	-3.18	1,000.36	968.64	31.72	31.533	
6,300.00	6,198.33	6,453.17	6,366.69	17.98	17.73	163.88	-313.52	13.00	1,001.57	969.26	32.30	31.004	
6,400.00	6,296.55	7,971.18	7,195.50	18.31	29.11	-153.41	-357.13	1,009.71	906.41	876.73	29.68	30.540	
6,500.00	6,394.83	7,987.36	7,195.42	18.63	29.31	-149.67	-357.11	1,025.89	810.15	779.93	30.22	26.809	
6,600.00	6,494.21	8,007.03	7,195.39	18.81	29.56	172.59	-357.11	1,031.50	713.54	682.67	30.88	23.107	
6,700.00	6,593.31	7,982.91	7,195.44	18.92	29.25	144.55	-357.12	1,021.44	618.29	586.85	31.44	19.665	
6,800.00	6,689.68	7,957.42	7,195.56	18.97	28.93	144.95	-357.14	995.95	527.22	495.03	32.19	16.377	
6,900.00	6,780.96	7,917.13	7,195.76	18.98	28.43	145.09	-357.18	955.67	443.23	410.07	33.16	13.368	
7,000.00	6,864.89	7,863.05	7,196.01	18.95	27.78	143.18	-357.24	901.58	369.23	334.79	34.44	10.720	
7,100.00	6,939.42	7,803.51	7,196.33	18.90	27.06	139.24	-357.30	835.02	307.98	271.85	36.14	8.523	
7,200.00	7,002.70	7,719.09	7,196.70	18.86	26.09	133.48	-357.38	757.63	261.58	223.65	37.93	6.897	
7,300.00	7,053.18	7,626.96	7,196.53	18.85	25.08	125.88	-357.44	665.50	230.25	190.77	39.48	5.832	
7,400.00	7,089.61	7,520.74	7,183.63	18.89	23.96	115.09	-356.82	560.20	207.64	167.02	40.62	5.112	
7,500.00	7,111.10	7,423.53	7,156.66	19.02	23.00	103.08	-355.45	466.92	193.95	152.58	41.37	4.688	
7,574.75	7,117.07	7,355.52	7,129.49	19.18	22.36	93.73	-354.04	404.61	190.81	149.32	41.50	4.598 CC, ES, SF	
7,600.00	7,117.12	7,333.29	7,119.19	19.24	22.16	90.59	-353.51	384.92	191.16	149.71	41.45	4.612	
7,700.00	7,114.51	7,251.83	7,075.75	19.62	21.47	78.41	-351.23	316.12	200.79	159.76	41.03	4.894	
7,800.00	7,111.88	7,182.50	7,032.11	20.15	20.94	67.33	-348.94	262.34	227.25	186.95	40.30	5.639	
7,900.00	7,109.26	7,124.09	6,990.98	20.84	20.53	58.44	-346.77	220.94	270.70	231.11	39.59	6.838	
8,000.00	7,106.63	7,074.98	6,953.60	21.65	20.21	51.69	-344.79	189.17	327.78	288.70	39.08	8.387	
8,100.00	7,104.00	7,033.57	6,920.26	22.56	19.95	46.65	-343.02	164.70	394.75	355.99	38.75	10.186	
8,200.00	7,101.37	7,000.00	6,892.11	23.57	19.76	43.00	-341.53	146.48	468.76	430.20	38.55	12.159	
8,300.00	7,098.74	6,968.52	6,864.87	24.65	19.59	39.92	-340.08	130.76	547.83	509.43	38.40	14.266	
8,400.00	7,096.12	6,950.00	6,848.50	25.79	19.49	38.26	-339.21	122.16	630.73	592.42	38.31	16.465	
8,500.00	7,093.49	6,920.43	6,821.85	26.99	19.35	35.82	-337.80	109.42	716.30	678.08	38.21	18.744	
8,600.00	7,090.86	6,900.00	6,803.11	28.24	19.25	34.27	-336.80	101.34	804.14	765.99	38.14	21.081	
8,700.00	7,088.23	6,883.82	6,788.10	29.53	19.18	33.13	-336.00	95.38	893.70	855.61	38.09	23.464	
8,800.00	7,085.60	6,868.68	6,773.90	30.86	19.11	32.11	-335.25	90.14	984.65	946.61	38.04	25.887	
8,900.00	7,082.98	6,850.00	6,756.24	32.22	19.03	30.93	-334.31	84.16	1,076.76	1,038.76	38.00	28.333	
9,000.00	7,080.35	6,850.00	6,756.24	33.60	19.03	30.93	-334.31	84.16	1,169.80	1,131.86	37.93	30.838	
9,100.00	7,077.72	6,832.29	6,739.33	35.02	18.96	29.88	-333.41	78.96	1,263.53	1,225.60	37.92	33.319	
9,200.00	7,075.09	6,822.48	6,729.91	36.45	18.92	29.32	-332.90	76.28	1,357.97	1,320.07	37.89	35.836	
9,300.00	7,072.47	6,800.00	6,708.16	37.90	18.84	28.12	-331.74	70.70	1,453.17	1,415.26	37.92	38.327	
9,400.00	7,069.84	6,800.00	6,708.16	39.37	18.84	28.12	-331.74	70.70	1,548.48	1,510.61	37.87	40.891	
9,500.00	7,067.21	6,800.00	6,708.16	40.86	18.84	28.12	-331.74	70.70	1,644.34	1,606.51	37.83	43.471	
9,600.00	7,064.58	6,800.00	6,708.16	42.36	18.84	28.12	-331.74	70.70	1,740.66	1,702.87	37.79	46.062	
9,700.00	7,061.95	6,800.00	6,708.16	43.87	18.84	28.12	-331.74	70.70	1,837.38	1,799.62	37.76	48.662	
9,800.00	7,059.33	6,779.14	6,687.82	45.39	18.77	27.08	-330.66	66.22	1,933.98	1,896.17	37.81	51.148	
9,900.00	7,056.70	6,773.76	6,682.55	46.92	18.75	26.83	-330.38	65.17	2,031.06	1,993.25	37.81	53.716	
10,000.00	7,054.07	6,755.07	6,664.18	48.47	18.68	25.97	-329.40	61.87	2,128.56	2,090.69	37.87	56.214	
10,100.00	7,051.44	6,755.07	6,664.18	50.02	18.68	25.97	-329.40	61.87	2,225.94	2,188.09	37.85	58.805	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>		5N-66W-05 VOLT 19-5 PAD - VOLT 14N-3C-L - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										<b>Offset Well Error:</b>	3.28 usft
<b>Reference</b>		<b>Offset</b>		<b>Semi Major Axis</b>		<b>Distance</b>							<b>Warning</b>
<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Measured Depth (usft)</b>	<b>Vertical Depth (usft)</b>	<b>Reference (usft)</b>	<b>Offset (usft)</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Between Centres (usft)</b>	<b>Between Ellipses (usft)</b>	<b>Minimum Separation (usft)</b>	<b>Separation Factor</b>	
10,200.00	7,048.81	6,755.07	6,664.18	51.57	18.68	25.97	-329.40	61.87	2,323.55	2,285.71	37.85	61.396	
10,300.00	7,046.19	6,758.08	6,667.15	53.14	18.69	26.11	-329.56	62.36	2,421.35	2,383.52	37.83	64.006	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.84	2.94	-1,019.81	1,019.82				
100.00	100.00	101.00	101.00	3.28	3.28	-89.84	2.94	-1,019.81	1,019.82	1,012.29	7.53	135.453	
200.00	200.00	201.00	201.00	3.31	3.31	-89.84	2.94	-1,019.81	1,019.82	1,012.24	7.57	134.643	
300.00	299.98	300.98	300.98	3.35	3.35	154.99	2.94	-1,019.81	1,021.40	1,013.74	7.66	133.326	
400.00	399.84	400.84	400.84	3.41	3.42	155.08	2.94	-1,019.81	1,026.15	1,018.35	7.79	131.719	
500.00	499.45	500.45	500.45	3.50	3.50	155.21	2.94	-1,019.81	1,034.06	1,026.09	7.97	129.821	
600.00	598.70	600.30	599.70	3.61	3.61	155.40	2.94	-1,019.81	1,045.15	1,036.96	8.19	127.686	
700.00	697.47	701.53	698.47	3.77	3.74	155.63	2.94	-1,019.81	1,059.41	1,050.96	8.45	125.356	
800.00	795.75	803.25	796.75	3.97	3.88	155.98	2.94	-1,019.81	1,076.30	1,067.54	8.76	122.875	
900.00	893.97	905.03	894.97	4.20	4.03	156.38	2.94	-1,019.81	1,093.49	1,084.40	9.09	120.248	
1,000.00	992.20	1,006.80	993.20	4.45	4.20	156.77	2.94	-1,019.81	1,110.73	1,101.27	9.46	117.423	
1,100.00	1,090.43	1,091.43	1,091.43	4.73	4.35	157.14	2.94	-1,019.81	1,128.02	1,118.20	9.82	114.861	
1,200.00	1,188.66	1,248.02	1,247.96	5.02	4.63	157.75	3.33	-1,016.01	1,143.07	1,132.76	10.31	110.874	
1,300.00	1,286.89	1,412.12	1,411.50	5.34	4.94	158.43	4.71	-1,002.92	1,152.63	1,141.81	10.82	106.545	
1,400.00	1,385.12	1,577.22	1,575.02	5.66	5.30	159.18	7.08	-980.37	1,156.62	1,145.28	11.35	101.929	
1,500.00	1,483.35	1,737.77	1,732.52	6.00	5.71	159.99	10.32	-949.51	1,155.06	1,143.17	11.89	97.162	
1,600.00	1,581.57	1,837.13	1,829.48	6.34	5.95	160.51	12.59	-927.92	1,151.15	1,138.97	12.17	94.577	
1,700.00	1,679.80	1,936.49	1,926.44	6.69	6.06	161.04	14.86	-906.33	1,147.33	1,134.80	12.53	91.600	
1,800.00	1,778.03	2,035.85	2,023.39	7.05	6.11	161.58	17.13	-884.74	1,143.61	1,130.78	12.83	89.148	
1,900.00	1,876.26	2,135.20	2,120.35	7.25	6.17	162.11	19.39	-863.15	1,140.00	1,127.19	12.80	89.036	
2,000.00	1,974.49	2,234.56	2,217.31	7.29	6.26	162.65	21.66	-841.56	1,136.48	1,123.60	12.88	88.228	
2,100.00	2,072.72	2,333.92	2,314.26	7.35	6.37	163.19	23.93	-819.97	1,133.07	1,120.07	12.99	87.207	
2,200.00	2,170.95	2,433.28	2,411.22	7.43	6.50	163.74	26.20	-798.38	1,129.76	1,116.62	13.14	85.994	
2,300.00	2,269.18	2,532.63	2,508.18	7.52	6.65	164.28	28.47	-776.80	1,126.55	1,113.24	13.31	84.610	
2,400.00	2,367.40	2,631.99	2,605.14	7.63	6.82	164.84	30.74	-755.21	1,123.45	1,109.93	13.52	83.082	
2,500.00	2,465.63	2,731.35	2,702.09	7.76	7.00	165.39	33.00	-733.62	1,120.46	1,106.70	13.76	81.435	
2,600.00	2,563.86	2,830.71	2,799.05	7.90	7.20	165.95	35.27	-712.03	1,117.57	1,103.54	14.02	79.694	
2,700.00	2,662.09	2,930.06	2,896.01	8.05	7.41	166.51	37.54	-690.44	1,114.79	1,100.47	14.31	77.882	
2,800.00	2,760.32	3,029.42	2,992.96	8.21	7.63	167.07	39.81	-668.85	1,112.11	1,097.48	14.63	76.023	
2,900.00	2,858.55	3,128.78	3,089.92	8.39	7.86	167.64	42.08	-647.26	1,109.55	1,094.58	14.97	74.136	
3,000.00	2,956.78	3,228.14	3,186.88	8.58	8.11	168.20	44.35	-625.67	1,107.09	1,091.77	15.33	72.238	
3,100.00	3,055.01	3,327.49	3,283.83	8.78	8.36	168.77	46.61	-604.08	1,104.75	1,089.04	15.70	70.344	
3,200.00	3,153.23	3,426.85	3,380.79	8.99	8.63	169.35	48.88	-582.49	1,102.52	1,086.42	16.10	68.473	
3,300.00	3,251.46	3,526.21	3,477.75	9.21	8.90	169.92	51.15	-560.90	1,100.40	1,083.88	16.52	66.627	
3,400.00	3,349.69	3,625.57	3,574.71	9.43	9.18	170.50	53.42	-539.31	1,098.39	1,081.44	16.95	64.816	
3,500.00	3,447.92	3,724.92	3,671.66	9.67	9.46	171.08	55.69	-517.73	1,096.49	1,079.10	17.39	63.048	
3,600.00	3,546.15	3,824.28	3,768.62	9.91	9.75	171.66	57.95	-496.14	1,094.71	1,076.86	17.85	61.328	
3,700.00	3,644.38	3,923.64	3,865.58	10.16	10.05	172.24	60.22	-474.55	1,093.04	1,074.72	18.32	59.659	
3,800.00	3,742.61	4,023.00	3,962.53	10.41	10.35	172.82	62.49	-452.96	1,091.49	1,072.69	18.80	58.044	
3,900.00	3,840.84	4,122.35	4,059.49	10.68	10.66	173.41	64.76	-431.37	1,090.05	1,070.76	19.30	56.483	
4,000.00	3,939.06	4,221.71	4,156.45	10.94	10.97	174.00	67.03	-409.78	1,088.73	1,068.93	19.80	54.978	
4,100.00	4,037.29	4,321.07	4,253.41	11.21	11.28	174.59	69.30	-388.19	1,087.53	1,067.21	20.32	53.528	
4,200.00	4,135.52	4,420.43	4,350.36	11.49	11.60	175.18	71.56	-366.60	1,086.44	1,065.60	20.84	52.134	
4,300.00	4,233.75	4,519.78	4,447.32	11.77	11.92	175.77	73.83	-345.01	1,085.47	1,064.10	21.37	50.793	
4,400.00	4,331.98	4,619.14	4,544.28	12.06	12.25	176.36	76.10	-323.42	1,084.61	1,062.70	21.91	49.505	
4,500.00	4,430.21	4,718.50	4,641.23	12.35	12.57	176.95	78.37	-301.83	1,083.88	1,061.42	22.46	48.269	
4,600.00	4,528.44	4,817.86	4,738.19	12.64	12.90	177.55	80.64	-280.24	1,083.26	1,060.25	23.01	47.082	
4,700.00	4,626.67	4,917.21	4,835.15	12.93	13.23	178.14	82.90	-258.65	1,082.76	1,059.19	23.57	45.943	
4,800.00	4,724.89	5,016.57	4,932.11	13.23	13.57	178.74	85.17	-237.07	1,082.37	1,058.24	24.13	44.851	
4,900.00	4,823.12	5,115.93	5,029.06	13.54	13.90	179.33	87.44	-215.48	1,082.11	1,057.40	24.70	43.803	
5,000.00	4,921.35	5,215.29	5,126.02	13.84	14.24	179.93	89.71	-193.89	1,081.96	1,056.68	25.28	42.798	
5,073.79	4,993.83	5,288.60	5,197.56	14.07	14.49	-179.63	91.38	-177.96	1,081.93	1,056.22	25.71	42.082	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	5,314.64	5,222.98	14.15	14.58	-179.48	91.98	-172.30	1,081.93	1,056.07	25.86	41.834		
5,200.00	5,117.81	5,414.00	5,319.93	14.46	14.92	-178.88	94.25	-150.71	1,082.02	1,055.57	26.45	40.909		
5,300.00	5,216.04	5,513.36	5,416.89	14.77	15.27	-178.29	96.51	-129.12	1,082.23	1,055.19	27.04	40.021		
5,400.00	5,314.27	5,612.72	5,513.85	15.08	15.61	-177.69	98.78	-107.53	1,082.56	1,054.92	27.64	39.169		
5,500.00	5,412.50	5,712.07	5,610.80	15.40	15.96	-177.10	101.05	-85.94	1,083.00	1,054.77	28.24	38.352		
5,600.00	5,510.72	5,811.43	5,707.76	15.71	16.30	-176.50	103.32	-64.35	1,083.57	1,054.72	28.84	37.567		
5,700.00	5,608.95	5,910.79	5,804.72	16.03	16.65	-175.91	105.59	-42.76	1,084.25	1,054.80	29.45	36.813		
5,800.00	5,707.18	6,010.15	5,901.68	16.35	17.00	-175.32	107.86	-21.17	1,085.05	1,054.98	30.07	36.089		
5,900.00	5,805.41	6,109.51	5,998.63	16.68	17.35	-174.73	110.12	0.42	1,085.96	1,055.28	30.68	35.394		
6,000.00	5,903.64	6,208.86	6,095.59	17.00	17.70	-174.14	112.39	22.00	1,087.00	1,055.69	31.30	34.725		
6,100.00	6,001.87	6,308.22	6,192.55	17.33	18.05	-173.55	114.66	43.59	1,088.15	1,056.22	31.93	34.082		
6,200.00	6,100.10	7,726.34	6,991.78	17.65	29.65	-127.16	128.16	980.14	1,065.86	1,030.94	34.92	30.521		
6,300.00	6,198.33	7,742.87	6,991.70	17.98	29.87	-125.79	128.04	996.66	989.88	953.38	36.50	27.121		
6,400.00	6,296.55	7,759.39	6,991.62	18.31	30.08	-124.40	127.93	1,013.19	918.21	879.92	38.30	23.976		
6,500.00	6,394.83	7,775.61	6,991.54	18.63	30.30	-126.32	127.82	1,029.41	851.92	811.60	40.32	21.129		
6,600.00	6,494.21	7,781.27	6,991.51	18.81	30.37	169.25	127.78	1,035.06	791.93	749.56	42.37	18.690		
6,700.00	6,593.31	7,771.25	6,991.56	18.92	30.24	121.38	127.85	1,025.04	740.90	696.63	44.27	16.735		
6,800.00	6,689.68	7,745.81	6,991.69	18.97	29.91	111.99	128.02	999.60	701.52	655.72	45.80	15.317		
6,900.00	6,780.96	7,705.57	6,991.89	18.98	29.38	107.05	128.30	959.36	675.16	628.43	46.73	14.449		
7,000.00	6,864.89	7,651.52	6,992.15	18.95	28.69	102.22	128.68	905.32	661.47	614.51	46.96	14.085		
7,084.58	6,928.61	7,603.99	6,992.43	18.91	28.08	97.78	129.07	849.81	658.29	611.54	46.74	14.083 CC, ES, SF		
7,100.00	6,939.42	7,585.00	6,992.48	18.90	27.85	96.94	129.14	838.80	658.38	611.83	46.55	14.145		
7,200.00	7,002.70	7,507.64	6,992.87	18.86	26.89	91.54	129.68	761.45	662.63	616.96	45.68	14.507		
7,300.00	7,053.18	7,425.42	6,990.79	18.85	25.91	86.58	130.20	679.29	670.79	626.14	44.65	15.025		
7,400.00	7,089.61	7,347.43	6,979.54	18.89	25.00	82.09	130.44	602.16	681.11	637.42	43.69	15.589		
7,500.00	7,111.10	7,272.85	6,960.06	19.02	24.15	78.08	130.45	530.22	692.68	649.79	42.89	16.151		
7,600.00	7,117.12	7,200.00	6,933.03	19.24	23.35	74.54	130.24	462.61	704.56	662.32	42.24	16.681		
7,700.00	7,114.51	7,133.42	6,901.73	19.62	22.68	72.16	129.86	403.88	718.58	676.77	41.81	17.186		
7,800.00	7,111.88	7,073.12	6,868.23	20.15	22.10	69.71	129.37	353.78	738.36	696.82	41.53	17.778		
7,900.00	7,109.26	7,019.86	6,834.81	20.84	21.62	67.32	128.82	312.33	764.64	723.25	41.39	18.476		
8,000.00	7,106.63	6,973.10	6,802.71	21.65	21.23	65.09	128.26	278.35	797.80	756.47	41.33	19.302		
8,100.00	7,104.00	6,932.14	6,772.60	22.56	20.91	63.05	127.70	250.59	837.84	796.51	41.34	20.269		
8,200.00	7,101.37	6,900.00	6,747.77	23.57	20.67	61.42	127.22	230.20	884.49	843.09	41.40	21.365		
8,300.00	7,098.74	6,864.71	6,719.35	24.65	20.43	59.60	126.65	209.29	937.21	895.80	41.41	22.632		
8,400.00	7,096.12	6,836.93	6,696.19	25.79	20.25	58.16	126.18	193.95	995.45	954.00	41.45	24.015		
8,500.00	7,093.49	6,812.35	6,675.17	26.99	20.10	56.89	125.74	181.24	1,058.57	1,017.09	41.48	25.519		
8,600.00	7,090.86	6,800.00	6,664.42	28.24	20.02	56.26	125.52	175.16	1,126.05	1,084.52	41.54	27.110		
8,700.00	7,088.23	6,771.04	6,638.77	29.53	19.86	54.77	124.97	161.72	1,197.06	1,155.55	41.51	28.839		
8,800.00	7,085.60	6,750.00	6,619.77	30.86	19.74	53.70	124.56	152.71	1,271.39	1,229.90	41.49	30.640		
8,900.00	7,082.98	6,750.00	6,619.77	32.22	19.74	53.70	124.56	152.71	1,348.63	1,307.12	41.51	32.487		
9,000.00	7,080.35	6,723.66	6,595.58	33.60	19.61	52.37	124.03	142.31	1,427.97	1,386.49	41.48	34.426		
9,100.00	7,077.72	6,700.00	6,573.49	35.02	19.49	51.20	123.53	133.83	1,509.67	1,468.22	41.45	36.422		
9,200.00	7,075.09	6,700.00	6,573.49	36.45	19.49	51.20	123.53	133.83	1,592.94	1,551.51	41.43	38.447		
9,300.00	7,072.47	6,700.00	6,573.49	37.90	19.49	51.20	123.53	133.83	1,678.03	1,636.63	41.40	40.529		
9,400.00	7,069.84	6,678.49	6,553.16	39.37	19.40	50.15	123.08	126.84	1,764.23	1,722.84	41.38	42.631		
9,500.00	7,067.21	6,669.45	6,544.54	40.86	19.36	49.71	122.88	124.11	1,851.77	1,810.41	41.36	44.773		
9,600.00	7,064.58	6,650.00	6,525.88	42.36	19.28	48.78	122.45	118.64	1,940.49	1,899.14	41.34	46.934		
9,700.00	7,061.95	6,650.00	6,525.88	43.87	19.28	48.78	122.45	118.64	2,029.91	1,988.60	41.31	49.134		
9,800.00	7,059.33	6,650.00	6,525.88	45.39	19.28	48.78	122.45	118.64	2,120.28	2,079.00	41.28	51.361		
9,900.00	7,056.70	6,650.00	6,525.88	46.92	19.28	48.78	122.45	118.64	2,211.48	2,170.23	41.25	53.610		
10,000.00	7,054.07	6,633.36	6,509.79	48.47	19.21	48.00	122.08	114.43	2,303.15	2,261.89	41.25	55.829		
10,100.00	7,051.44	6,617.92	6,494.77	50.02	19.16	47.29	121.73	110.89	2,395.60	2,354.34	41.26	58.063		

Hewlett-Packard

Anticollision Report

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

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,048.81	6,617.92	6,494.77	51.57	19.16	47.29	121.73	110.89	2,488.42	2,447.18	41.24	60.345		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.82	3.30	-1,059.63	1,059.63				
100.00	100.00	102.00	102.00	3.28	3.28	-89.82	3.30	-1,059.63	1,059.63	1,052.10	7.53	140.738	
200.00	200.00	203.07	203.07	3.31	3.31	-89.82	3.30	-1,059.62	1,059.63	1,052.06	7.57	139.887	
300.00	299.98	356.52	356.44	3.35	3.38	155.13	4.72	-1,055.59	1,058.59	1,050.90	7.69	137.733	
400.00	399.84	509.50	508.89	3.41	3.52	155.56	8.83	-1,043.87	1,055.69	1,047.84	7.85	134.506	
500.00	499.45	661.57	659.57	3.50	3.72	156.28	15.58	-1,024.61	1,051.02	1,042.94	8.07	130.172	
600.00	598.70	804.88	800.41	3.61	3.98	157.23	24.35	-999.62	1,044.75	1,036.40	8.36	125.006	
700.00	697.47	903.84	897.27	3.77	4.22	158.00	31.05	-980.51	1,040.08	1,031.41	8.67	119.980	
800.00	795.75	1,002.73	994.07	3.97	4.47	158.81	37.75	-961.41	1,038.25	1,029.22	9.03	115.004	
900.00	893.97	1,101.62	1,090.86	4.20	4.75	159.62	44.45	-942.31	1,036.89	1,027.46	9.43	109.989	
1,000.00	992.20	1,200.50	1,187.65	4.45	5.05	160.44	51.14	-923.22	1,035.74	1,025.88	9.86	105.044	
1,100.00	1,090.43	1,300.62	1,284.44	4.73	5.37	161.25	57.84	-904.12	1,034.81	1,024.49	10.32	100.226	
1,200.00	1,188.66	1,401.73	1,381.23	5.02	5.71	162.07	64.54	-885.02	1,034.09	1,023.27	10.82	95.598	
1,300.00	1,286.89	1,502.85	1,478.02	5.34	6.06	162.88	71.24	-865.92	1,033.59	1,022.25	11.33	91.215	
1,400.00	1,385.12	1,603.97	1,574.81	5.66	6.41	163.70	77.94	-846.83	1,033.30	1,021.43	11.86	87.090	
1,485.11	1,468.72	1,680.19	1,657.19	5.94	6.69	164.39	83.64	-830.57	1,033.22	1,020.91	12.30	83.980	
1,500.00	1,483.35	1,705.08	1,671.60	6.00	6.78	164.52	84.64	-827.73	1,033.22	1,020.81	12.41	83.226	
1,600.00	1,581.57	1,806.20	1,768.39	6.34	7.14	165.33	91.33	-808.63	1,033.36	1,020.39	12.97	79.672	
1,700.00	1,679.80	1,907.32	1,865.18	6.69	7.33	166.15	98.03	-789.53	1,033.71	1,020.49	13.22	78.189	
1,800.00	1,778.03	2,008.43	1,961.97	7.05	7.38	166.97	104.73	-770.44	1,034.28	1,020.75	13.53	76.453	
1,900.00	1,876.26	2,109.55	2,058.76	7.25	7.45	167.78	111.43	-751.34	1,035.07	1,021.55	13.51	76.601	
2,000.00	1,974.49	2,189.33	2,155.55	7.29	7.52	168.59	118.13	-732.24	1,036.06	1,022.48	13.58	76.273	
2,100.00	2,072.72	2,288.22	2,252.34	7.35	7.61	169.41	124.82	-713.14	1,037.27	1,023.57	13.70	75.727	
2,200.00	2,170.95	2,387.10	2,349.13	7.43	7.72	170.22	131.52	-694.05	1,038.69	1,024.85	13.84	75.031	
2,300.00	2,269.18	2,485.99	2,445.92	7.52	7.85	171.02	138.22	-674.95	1,040.33	1,026.31	14.02	74.199	
2,400.00	2,367.40	2,584.87	2,542.71	7.63	7.99	171.83	144.92	-655.85	1,042.17	1,027.95	14.23	73.249	
2,500.00	2,465.63	2,683.75	2,639.50	7.76	8.14	172.63	151.62	-636.75	1,044.23	1,029.76	14.46	72.196	
2,600.00	2,563.86	2,782.64	2,736.29	7.90	8.31	173.43	158.32	-617.66	1,046.49	1,031.76	14.73	71.058	
2,700.00	2,662.09	2,881.52	2,833.08	8.05	8.48	174.22	165.01	-598.56	1,048.96	1,033.94	15.02	69.854	
2,800.00	2,760.32	2,980.40	2,929.87	8.21	8.67	175.01	171.71	-579.46	1,051.63	1,036.30	15.33	68.598	
2,900.00	2,858.55	3,079.29	3,026.66	8.39	8.87	175.80	178.41	-560.36	1,054.51	1,038.84	15.67	67.306	
3,000.00	2,956.78	3,178.17	3,123.45	8.58	9.08	176.58	185.11	-541.27	1,057.59	1,041.56	16.03	65.992	
3,100.00	3,055.01	3,277.05	3,220.24	8.78	9.30	177.36	191.81	-522.17	1,060.87	1,044.47	16.41	64.667	
3,200.00	3,153.23	3,375.94	3,317.03	8.99	9.52	178.14	198.51	-503.07	1,064.35	1,047.55	16.80	63.343	
3,300.00	3,251.46	3,474.82	3,413.82	9.21	9.76	178.91	205.20	-483.97	1,068.03	1,050.81	17.22	62.027	
3,400.00	3,349.69	3,573.70	3,510.62	9.43	10.00	179.67	211.90	-464.87	1,071.90	1,054.25	17.65	60.727	
3,500.00	3,447.92	3,672.59	3,607.41	9.67	10.25	-179.57	218.60	-445.78	1,075.96	1,057.86	18.10	59.449	
3,600.00	3,546.15	3,771.47	3,704.20	9.91	10.50	-178.82	225.30	-426.68	1,080.21	1,061.65	18.56	58.198	
3,700.00	3,644.38	3,870.35	3,800.99	10.16	10.76	-178.08	232.00	-407.58	1,084.65	1,065.62	19.04	56.977	
3,800.00	3,742.61	3,969.24	3,897.78	10.41	11.03	-177.34	238.69	-388.48	1,089.28	1,069.76	19.52	55.790	
3,900.00	3,840.84	4,068.12	3,994.57	10.68	11.30	-176.60	245.39	-369.39	1,094.09	1,074.07	20.02	54.639	
4,000.00	3,939.06	4,167.00	4,091.36	10.94	11.57	-175.88	252.09	-350.29	1,099.08	1,078.55	20.53	53.524	
4,100.00	4,037.29	4,265.89	4,188.15	11.21	11.85	-175.15	258.79	-331.19	1,104.25	1,083.20	21.06	52.446	
4,200.00	4,135.52	4,364.77	4,284.94	11.49	12.14	-174.44	265.49	-312.09	1,109.60	1,088.01	21.59	51.406	
4,300.00	4,233.75	4,463.65	4,381.73	11.77	12.42	-173.73	272.19	-293.00	1,115.12	1,092.99	22.12	50.403	
4,400.00	4,331.98	4,562.54	4,478.52	12.06	12.71	-173.03	278.88	-273.90	1,120.81	1,098.14	22.67	49.438	
4,500.00	4,430.21	4,661.42	4,575.31	12.35	13.01	-172.34	285.58	-254.80	1,126.67	1,103.44	23.23	48.509	
4,600.00	4,528.44	4,760.31	4,672.10	12.64	13.31	-171.65	292.28	-235.70	1,132.69	1,108.90	23.79	47.616	
4,700.00	4,626.67	4,859.19	4,768.89	12.93	13.61	-170.98	298.98	-216.61	1,138.88	1,114.52	24.36	46.757	
4,800.00	4,724.89	4,958.07	4,865.68	13.23	13.91	-170.30	305.68	-197.51	1,145.23	1,120.30	24.93	45.933	
4,900.00	4,823.12	5,056.96	4,962.47	13.54	14.21	-169.64	312.37	-178.41	1,151.73	1,126.22	25.51	45.141	
5,000.00	4,921.35	5,155.84	5,059.26	13.84	14.52	-168.98	319.07	-159.31	1,158.40	1,132.29	26.10	44.381	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	5,254.72	5,156.05	14.15	14.83	-168.33	325.77	-140.22	1,165.21	1,138.52	26.69	43.651	
5,200.00	5,117.81	5,353.61	5,252.84	14.46	15.15	-167.69	332.47	-121.12	1,172.17	1,144.88	27.29	42.950	
5,300.00	5,216.04	5,452.49	5,349.63	14.77	15.46	-167.06	339.17	-102.02	1,179.28	1,151.39	27.89	42.277	
5,400.00	5,314.27	5,551.37	5,446.42	15.08	15.78	-166.43	345.87	-82.92	1,186.54	1,158.04	28.50	41.632	
5,500.00	5,412.50	5,650.26	5,543.21	15.40	16.09	-165.81	352.56	-63.83	1,193.94	1,164.82	29.11	41.012	
5,600.00	5,510.72	5,749.14	5,640.00	15.71	16.41	-165.20	359.26	-44.73	1,201.47	1,171.75	29.73	40.416	
5,700.00	5,608.95	5,848.02	5,736.79	16.03	16.73	-164.60	365.96	-25.63	1,209.15	1,178.80	30.35	39.845	
5,800.00	5,707.18	5,946.91	5,833.58	16.35	17.06	-164.00	372.66	-6.53	1,216.95	1,185.98	30.97	39.295	
5,900.00	5,805.41	6,045.79	5,930.37	16.68	17.38	-163.41	379.36	12.56	1,224.89	1,193.30	31.60	38.768	
6,000.00	5,903.64	6,144.67	6,027.16	17.00	17.71	-162.83	386.05	31.66	1,232.96	1,200.74	32.23	38.261	
6,100.00	6,001.87	6,243.56	6,123.95	17.33	18.03	-162.26	392.75	50.76	1,241.15	1,208.30	32.86	37.773	
6,200.00	6,100.10	6,342.44	6,220.74	17.65	18.36	-161.69	399.45	69.86	1,249.47	1,215.98	33.49	37.304	
6,300.00	6,198.33	6,441.32	6,317.53	17.98	18.69	-161.13	406.15	88.96	1,257.91	1,223.78	34.13	36.854	
6,400.00	6,296.55	7,545.54	7,128.02	18.31	29.63	-122.87	465.85	1,004.88	1,252.91	1,212.86	40.05	31.284	
6,500.00	6,394.83	7,871.74	7,127.95	18.63	29.83	-125.57	465.92	1,021.08	1,196.46	1,154.79	41.66	28.716	
6,600.00	6,494.21	7,877.37	7,127.93	18.81	29.90	168.44	465.95	1,026.71	1,145.24	1,102.09	43.15	26.541	
6,700.00	6,593.31	7,867.32	7,127.97	18.92	29.78	119.99	465.90	1,016.66	1,100.87	1,056.48	44.39	24.798	
6,800.00	6,689.68	7,841.85	7,128.08	18.97	29.46	110.94	465.79	991.20	1,064.92	1,019.62	45.30	23.509	
6,900.00	6,780.96	7,801.59	7,128.25	18.98	28.95	107.13	465.61	950.93	1,038.09	992.30	45.79	22.669	
7,000.00	6,864.89	7,747.51	7,128.48	18.95	28.29	104.07	465.37	896.86	1,020.09	974.22	45.88	22.236	
7,100.00	6,939.42	7,680.97	7,128.77	18.90	27.49	100.94	465.07	830.31	1,009.76	964.19	45.57	22.158 SF	
7,200.00	7,002.70	7,594.02	7,128.35	18.86	26.48	97.43	464.62	743.38	1,005.19	960.31	44.88	22.395	
7,300.00	7,053.18	7,488.20	7,114.81	18.85	25.29	93.42	463.20	638.56	1,003.03	959.10	43.93	22.832 ES	
7,381.32	7,083.92	7,411.16	7,094.15	18.88	24.45	90.50	461.43	564.41	1,002.49	959.22	43.27	23.167 CC	
7,400.00	7,089.61	7,394.36	7,088.46	18.89	24.28	89.86	460.97	548.61	1,002.52	959.39	43.13	23.246	
7,500.00	7,111.10	7,308.99	7,053.27	19.02	23.41	86.68	458.20	470.95	1,003.52	961.03	42.49	23.620	
7,600.00	7,117.12	7,229.75	7,011.60	19.24	22.68	83.83	455.03	403.69	1,005.67	963.65	42.01	23.936	
7,700.00	7,114.51	7,158.70	6,967.41	19.62	22.07	81.39	451.75	348.20	1,010.12	968.38	41.74	24.199	
7,800.00	7,111.88	7,100.00	6,926.42	20.15	21.61	79.13	448.75	306.32	1,019.47	977.78	41.68	24.458	
7,900.00	7,109.26	7,050.00	6,888.60	20.84	21.26	77.06	446.01	273.75	1,034.70	992.94	41.76	24.776	
8,000.00	7,106.63	7,006.55	6,853.74	21.65	20.97	75.16	443.51	247.94	1,056.39	1,014.47	41.92	25.198	
8,100.00	7,104.00	6,970.85	6,823.85	22.56	20.75	73.55	441.38	228.56	1,084.78	1,042.63	42.15	25.738	
8,200.00	7,101.37	6,940.44	6,797.56	23.57	20.58	72.15	439.51	213.39	1,119.80	1,077.42	42.38	26.420	
8,300.00	7,098.74	6,914.34	6,774.44	24.65	20.43	70.93	437.87	201.39	1,161.17	1,118.56	42.61	27.248	
8,400.00	7,096.12	6,900.00	6,761.53	25.79	20.36	70.25	436.96	195.21	1,208.54	1,165.68	42.86	28.197	
8,500.00	7,093.49	6,872.08	6,736.02	26.99	20.22	68.92	435.17	184.01	1,261.23	1,218.23	43.00	29.332	
8,600.00	7,090.86	6,850.00	6,715.51	28.24	20.11	67.87	433.73	175.95	1,318.92	1,275.79	43.12	30.585	
8,700.00	7,088.23	6,850.00	6,715.51	29.53	20.11	67.87	433.73	175.95	1,381.05	1,337.76	43.29	31.902	
8,800.00	7,085.60	6,825.99	6,692.91	30.86	20.01	66.72	432.15	168.01	1,446.91	1,403.56	43.35	33.379	
8,900.00	7,082.98	6,800.00	6,668.13	32.22	19.90	65.48	430.42	160.38	1,516.48	1,473.10	43.38	34.959	
9,000.00	7,080.35	6,800.00	6,668.13	33.60	19.90	65.48	430.42	160.38	1,588.74	1,545.29	43.45	36.564	
9,100.00	7,077.72	6,800.00	6,668.13	35.02	19.90	65.48	430.42	160.38	1,663.88	1,620.38	43.50	38.253	
9,200.00	7,075.09	6,784.19	6,652.91	36.45	19.85	64.73	429.36	156.24	1,741.29	1,697.78	43.51	40.023	
9,300.00	7,072.47	6,776.06	6,645.05	37.90	19.82	64.34	428.82	154.25	1,820.81	1,777.29	43.52	41.842	
9,400.00	7,069.84	6,768.63	6,637.83	39.37	19.79	63.99	428.32	152.53	1,902.15	1,858.64	43.52	43.709	
9,500.00	7,067.21	6,750.00	6,619.67	40.86	19.72	63.11	427.06	148.58	1,985.25	1,941.74	43.51	45.629	
9,600.00	7,064.58	6,750.00	6,619.67	42.36	19.72	63.11	427.06	148.58	2,069.53	2,026.03	43.50	47.571	
9,700.00	7,061.95	6,750.00	6,619.67	43.87	19.72	63.11	427.06	148.58	2,155.17	2,111.67	43.50	49.549	
9,800.00	7,059.33	6,735.95	6,605.92	45.39	19.67	62.45	426.11	145.86	2,241.94	2,198.45	43.49	51.555	
9,900.00	7,056.70	6,714.04	6,584.48	46.92	19.60	61.43	424.62	141.63	2,329.59	2,286.11	43.48	53.575	
10,000.00	7,054.07	6,692.14	6,563.04	48.47	19.53	60.43	423.14	137.40	2,418.00	2,374.51	43.48	55.608	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.84	2.94	-1,039.86	1,039.86				
100.00	100.00	102.00	102.00	3.28	3.28	-89.84	2.94	-1,039.86	1,039.86	1,032.33	7.53	138.113	
200.00	200.00	202.00	202.00	3.31	3.31	-89.84	2.94	-1,039.86	1,039.86	1,032.29	7.57	137.283	
300.00	299.98	325.71	325.69	3.35	3.36	155.12	4.99	-1,039.11	1,040.97	1,033.30	7.67	135.696	
400.00	399.84	482.41	482.12	3.41	3.48	155.52	8.75	-1,031.25	1,040.73	1,032.90	7.83	132.914	
500.00	499.45	638.75	637.52	3.50	3.66	156.10	13.02	-1,014.91	1,038.25	1,030.20	8.05	129.017	
600.00	598.70	794.39	791.11	3.61	3.92	156.86	17.76	-990.26	1,033.60	1,025.28	8.32	124.172	
700.00	697.47	905.61	889.32	3.77	4.16	157.45	20.97	-971.69	1,029.50	1,020.86	8.64	119.099	
800.00	795.75	1,006.24	986.91	3.97	4.40	158.07	24.15	-953.24	1,028.14	1,019.15	8.99	114.310	
900.00	893.97	1,106.88	1,084.49	4.20	4.67	158.69	27.34	-934.79	1,027.17	1,017.79	9.38	109.467	
1,000.00	992.20	1,207.52	1,182.07	4.45	4.96	159.31	30.52	-916.35	1,026.32	1,016.51	9.80	104.677	
1,100.00	1,090.43	1,308.16	1,279.65	4.73	5.26	159.94	33.71	-897.90	1,025.59	1,015.34	10.25	100.014	
1,200.00	1,188.66	1,408.80	1,377.23	5.02	5.57	160.56	36.89	-879.45	1,024.99	1,014.26	10.73	95.565	
1,300.00	1,286.89	1,509.44	1,474.82	5.34	5.90	161.19	40.08	-861.00	1,024.51	1,013.29	11.22	91.321	
1,400.00	1,385.12	1,589.93	1,572.40	5.66	6.17	161.82	43.27	-842.56	1,024.15	1,012.47	11.68	87.710	
1,500.00	1,483.35	1,689.29	1,669.98	6.00	6.51	162.44	46.45	-824.11	1,023.92	1,011.72	12.20	83.946	
1,600.00	1,581.57	1,788.65	1,767.56	6.34	6.85	163.07	49.64	-805.66	1,023.81	1,011.08	12.73	80.417	
1,636.63	1,617.56	1,825.05	1,803.31	6.47	6.94	163.30	50.80	-798.90	1,023.80	1,011.08	12.72	80.460	
1,700.00	1,679.80	1,888.01	1,865.14	6.69	7.06	163.70	52.82	-787.21	1,023.83	1,010.84	12.99	78.841	
1,800.00	1,778.03	1,987.37	1,962.73	7.05	7.12	164.33	56.01	-768.77	1,023.97	1,010.67	13.30	77.009	
1,900.00	1,876.26	2,086.73	2,060.31	7.25	7.18	164.95	59.19	-750.32	1,024.23	1,010.97	13.26	77.217	
2,000.00	1,974.49	2,186.09	2,157.89	7.29	7.25	165.58	62.38	-731.87	1,024.62	1,011.29	13.33	76.859	
2,100.00	2,072.72	2,285.46	2,255.47	7.35	7.34	166.21	65.57	-713.42	1,025.14	1,011.71	13.43	76.330	
2,200.00	2,170.95	2,384.82	2,353.05	7.43	7.45	166.83	68.75	-694.97	1,025.77	1,012.21	13.56	75.642	
2,300.00	2,269.18	2,484.18	2,450.64	7.52	7.57	167.46	71.94	-676.53	1,026.53	1,012.81	13.72	74.809	
2,400.00	2,367.40	2,583.54	2,548.22	7.63	7.70	168.08	75.12	-658.08	1,027.42	1,013.51	13.91	73.848	
2,500.00	2,465.63	2,682.90	2,645.80	7.76	7.85	168.70	78.31	-639.63	1,028.43	1,014.29	14.13	72.777	
2,600.00	2,563.86	2,782.26	2,743.38	7.90	8.01	169.32	81.49	-621.18	1,029.56	1,015.18	14.38	71.612	
2,700.00	2,662.09	2,881.63	2,840.97	8.05	8.18	169.94	84.68	-602.74	1,030.81	1,016.16	14.65	70.373	
2,800.00	2,760.32	2,980.99	2,938.55	8.21	8.36	170.56	87.86	-584.29	1,032.18	1,017.24	14.94	69.075	
2,900.00	2,858.55	3,080.35	3,036.13	8.39	8.55	171.18	91.05	-565.84	1,033.68	1,018.42	15.26	67.735	
3,000.00	2,956.78	3,179.71	3,133.71	8.58	8.75	171.79	94.24	-547.39	1,035.29	1,019.69	15.60	66.366	
3,100.00	3,055.01	3,279.07	3,231.29	8.78	8.96	172.40	97.42	-528.95	1,037.03	1,021.07	15.96	64.983	
3,200.00	3,153.23	3,378.43	3,328.88	8.99	9.18	173.01	100.61	-510.50	1,038.88	1,022.55	16.34	63.595	
3,300.00	3,251.46	3,477.79	3,426.46	9.21	9.41	173.62	103.79	-492.05	1,040.86	1,024.13	16.73	62.213	
3,400.00	3,349.69	3,577.16	3,524.04	9.43	9.65	174.23	106.98	-473.60	1,042.95	1,025.81	17.14	60.844	
3,500.00	3,447.92	3,676.52	3,621.62	9.67	9.89	174.83	110.16	-455.16	1,045.16	1,027.60	17.57	59.495	
3,600.00	3,546.15	3,775.88	3,719.20	9.91	10.14	175.43	113.35	-436.71	1,047.49	1,029.48	18.01	58.171	
3,700.00	3,644.38	3,875.24	3,816.79	10.16	10.39	176.03	116.54	-418.26	1,049.93	1,031.47	18.46	56.877	
3,800.00	3,742.61	3,974.60	3,914.37	10.41	10.65	176.63	119.72	-399.81	1,052.49	1,033.57	18.92	55.615	
3,900.00	3,840.84	4,073.96	4,011.95	10.68	10.91	177.22	122.91	-381.36	1,055.17	1,035.77	19.40	54.388	
4,000.00	3,939.06	4,173.33	4,109.53	10.94	11.18	177.81	126.09	-362.92	1,057.95	1,038.07	19.89	53.198	
4,100.00	4,037.29	4,272.69	4,207.11	11.21	11.45	178.40	129.28	-344.47	1,060.85	1,040.47	20.38	52.045	
4,200.00	4,135.52	4,372.05	4,304.70	11.49	11.73	178.98	132.46	-326.02	1,063.86	1,042.98	20.89	50.930	
4,300.00	4,233.75	4,471.41	4,402.28	11.77	12.01	179.56	135.65	-307.57	1,066.99	1,045.58	21.40	49.852	
4,400.00	4,331.98	4,570.77	4,499.86	12.06	12.29	-179.87	138.84	-289.13	1,070.22	1,048.29	21.92	48.813	
4,500.00	4,430.21	4,670.13	4,597.44	12.35	12.58	-179.29	142.02	-270.68	1,073.56	1,051.10	22.45	47.811	
4,600.00	4,528.44	4,769.49	4,695.02	12.64	12.87	-178.72	145.21	-252.23	1,077.01	1,054.02	22.99	46.846	
4,700.00	4,626.67	4,868.86	4,792.61	12.93	13.17	-178.16	148.39	-233.78	1,080.56	1,057.03	23.53	45.916	
4,800.00	4,724.89	4,968.22	4,890.19	13.23	13.46	-177.59	151.58	-215.34	1,084.22	1,060.14	24.08	45.021	
4,900.00	4,823.12	5,067.58	4,987.77	13.54	13.76	-177.04	154.76	-196.89	1,087.99	1,063.35	24.64	44.160	
5,000.00	4,921.35	5,166.94	5,085.35	13.84	14.06	-176.48	157.95	-178.44	1,091.86	1,066.66	25.20	43.331	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	5,019.58	5,266.30	5,182.93	14.15	14.36	-175.93	161.13	-159.99	1,095.83	1,070.07	25.76	42.534		
5,200.00	5,117.81	5,365.66	5,280.52	14.46	14.67	-175.39	164.32	-141.55	1,099.90	1,073.57	26.33	41.767		
5,300.00	5,216.04	5,465.03	5,378.10	14.77	14.97	-174.84	167.51	-123.10	1,104.08	1,077.17	26.91	41.030		
5,400.00	5,314.27	5,564.39	5,475.68	15.08	15.28	-174.30	170.69	-104.65	1,108.35	1,080.86	27.49	40.320		
5,500.00	5,412.50	5,663.75	5,573.26	15.40	15.59	-173.77	173.88	-86.20	1,112.72	1,084.65	28.07	39.637		
5,600.00	5,510.72	5,763.11	5,670.84	15.71	15.91	-173.24	177.06	-67.75	1,117.19	1,088.53	28.66	38.980		
5,700.00	5,608.95	5,862.47	5,768.43	16.03	16.22	-172.71	180.25	-49.31	1,121.75	1,092.50	29.25	38.348		
5,800.00	5,707.18	5,961.83	5,866.01	16.35	16.53	-172.19	183.43	-30.86	1,126.41	1,096.56	29.85	37.739		
5,900.00	5,805.41	6,061.20	5,963.59	16.68	16.85	-171.68	186.62	-12.41	1,131.16	1,100.71	30.45	37.153		
6,000.00	5,903.64	6,160.56	6,061.17	17.00	17.17	-171.16	189.81	6.04	1,136.00	1,104.96	31.05	36.589		
6,100.00	6,001.87	6,259.92	6,158.75	17.33	17.49	-170.65	192.99	24.48	1,140.94	1,109.28	31.65	36.045		
6,200.00	6,100.10	6,359.28	6,256.34	17.65	17.81	-170.15	196.18	42.93	1,145.96	1,113.70	32.26	35.522		
6,300.00	6,198.33	6,458.64	6,353.92	17.98	18.13	-169.65	199.36	61.38	1,151.07	1,118.20	32.87	35.017		
6,400.00	6,296.55	6,558.00	6,451.50	18.31	18.45	-169.15	202.55	79.83	1,156.27	1,122.79	33.49	34.530		
6,500.00	6,394.83	7,916.42	7,197.88	18.63	29.21	-129.74	263.07	991.08	1,093.86	1,055.11	38.75	28.226		
6,600.00	6,494.21	7,921.66	7,197.85	18.81	29.28	166.50	263.32	996.31	1,029.45	989.14	40.30	25.542		
6,700.00	6,593.31	7,911.24	7,197.90	18.92	29.14	119.96	262.83	985.90	970.73	929.01	41.73	23.264		
6,800.00	6,689.68	7,885.42	7,198.02	18.97	28.82	112.41	261.62	960.11	919.86	876.94	42.92	21.433		
6,900.00	6,780.96	7,844.84	7,198.21	18.98	28.32	109.71	259.72	919.57	878.22	834.44	43.78	20.061		
7,000.00	6,864.89	7,809.52	7,198.46	18.95	27.88	107.44	257.18	865.28	846.23	801.79	44.44	19.043		
7,100.00	6,939.42	7,723.70	7,198.77	18.90	26.86	104.87	254.05	798.57	823.27	779.00	44.27	18.597		
7,200.00	7,002.70	7,631.46	7,197.68	18.86	25.80	101.40	249.70	706.46	807.57	763.78	43.78	18.444 SF		
7,300.00	7,053.18	7,522.87	7,181.50	18.85	24.59	97.14	244.29	599.35	795.18	752.17	43.01	18.489		
7,400.00	7,089.61	7,427.79	7,152.55	18.89	23.58	93.32	239.36	509.01	785.87	743.50	42.37	18.548		
7,500.00	7,111.10	7,342.01	7,115.14	19.02	22.74	89.80	234.86	432.02	779.85	737.98	41.87	18.627		
7,600.00	7,117.12	7,262.81	7,071.69	19.24	22.02	86.51	230.73	366.00	776.92	735.42	41.50	18.719		
7,629.94	7,116.54	7,240.46	7,057.97	19.35	21.83	85.53	229.57	348.39	776.69	735.25	41.44	18.742 CC, ES		
7,700.00	7,114.51	7,192.20	7,026.29	19.62	21.44	83.27	227.12	312.09	778.02	736.70	41.32	18.828		
7,800.00	7,111.88	7,133.22	6,983.97	20.15	21.00	80.24	224.19	271.14	785.73	744.41	41.32	19.016		
7,900.00	7,109.26	7,084.03	6,945.90	20.84	20.66	77.53	221.83	240.10	801.28	759.85	41.42	19.344		
8,000.00	7,106.63	7,042.83	6,912.24	21.65	20.39	75.17	219.91	216.43	825.29	783.72	41.57	19.851		
8,100.00	7,104.00	7,008.10	6,882.72	22.56	20.19	73.13	218.36	198.20	857.81	816.08	41.73	20.557		
8,200.00	7,101.37	6,978.58	6,856.89	23.57	20.02	71.37	217.08	184.00	898.44	856.59	41.86	21.465		
8,300.00	7,098.74	6,950.00	6,831.26	24.65	19.87	69.65	215.87	171.39	946.53	904.61	41.92	22.578		
8,400.00	7,096.12	6,931.46	6,814.35	25.79	19.78	68.54	215.12	163.84	1,001.25	959.26	41.99	23.844		
8,500.00	7,093.49	6,912.45	6,796.78	26.99	19.69	67.39	214.36	156.61	1,061.78	1,019.78	42.00	25.280		
8,600.00	7,090.86	6,900.00	6,785.17	28.24	19.63	66.64	213.88	152.16	1,127.35	1,085.35	41.99	26.847		
8,700.00	7,088.23	6,881.06	6,767.33	29.53	19.55	65.51	213.15	145.82	1,197.16	1,155.22	41.94	28.544		
8,800.00	7,085.60	6,867.98	6,754.91	30.86	19.50	64.73	212.67	141.76	1,270.66	1,228.78	41.89	30.337		
8,900.00	7,082.98	6,850.00	6,737.70	32.22	19.42	63.67	212.02	136.59	1,347.32	1,305.50	41.81	32.224		
9,000.00	7,080.35	6,850.00	6,737.70	33.60	19.42	63.67	212.02	136.59	1,426.56	1,384.81	41.75	34.169		
9,100.00	7,077.72	6,850.00	6,737.70	35.02	19.42	63.67	212.02	136.59	1,508.28	1,466.60	41.68	36.190		
9,200.00	7,075.09	6,827.72	6,716.18	36.45	19.34	62.36	211.24	130.87	1,591.58	1,549.97	41.61	38.253		
9,300.00	7,072.47	6,819.89	6,708.58	37.90	19.31	61.91	210.97	129.04	1,676.75	1,635.21	41.54	40.368		
9,400.00	7,069.84	6,800.00	6,689.15	39.37	19.24	60.76	210.31	124.80	1,763.53	1,722.05	41.48	42.518		
9,500.00	7,067.21	6,800.00	6,689.15	40.86	19.24	60.76	210.31	124.80	1,851.28	1,809.87	41.41	44.705		
9,600.00	7,064.58	6,800.00	6,689.15	42.36	19.24	60.76	210.31	124.80	1,940.22	1,898.87	41.35	46.925		
9,700.00	7,061.95	6,801.35	6,690.49	43.87	19.24	60.84	210.35	125.01	2,030.15	1,988.86	41.29	49.173		
9,800.00	7,059.33	6,780.20	6,669.71	45.39	19.17	59.64	209.67	121.08	2,120.92	2,079.66	41.26	51.405		
9,900.00	7,056.70	6,759.04	6,648.94	46.92	19.10	58.46	208.99	117.15	2,212.29	2,171.05	41.24	53.643		
10,000.00	7,054.07	6,737.89	6,628.17	48.47	19.03	57.31	208.32	113.22	2,304.18	2,262.95	41.23	55.883		
10,100.00	7,051.44	6,716.74	6,607.39	50.02	18.97	56.19	207.64	109.30	2,396.53	2,355.30	41.23	58.125		

Hewlett-Packard  
Anticollision Report

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

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 23N-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,200.00	7,048.81	6,704.42	6,586.62	51.57	18.93	55.09	206.96	105.37	2,489.30	2,448.03	41.26	60.327		

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	3.00	3.00	3.28	3.28	-89.82	3.67	-1,139.81	1,139.81				
100.00	100.00	103.00	103.00	3.28	3.28	-89.82	3.67	-1,139.81	1,139.81	1,132.28	7.53	151.386	
200.00	200.00	203.00	203.00	3.31	3.31	-89.82	3.67	-1,139.81	1,139.81	1,132.24	7.57	150.472 CC, ES	
300.00	299.98	304.25	304.25	3.35	3.35	155.01	3.67	-1,139.81	1,141.39	1,133.73	7.66	148.955	
400.00	399.84	446.78	446.71	3.41	3.45	155.27	6.14	-1,136.98	1,144.17	1,136.35	7.82	146.335	
500.00	499.45	588.73	588.24	3.50	3.60	155.86	13.23	-1,128.85	1,146.44	1,138.41	8.03	142.778	
600.00	598.70	729.55	727.94	3.61	3.80	156.79	24.80	-1,115.59	1,148.36	1,140.06	8.30	138.337	
700.00	697.47	868.70	864.97	3.77	4.05	158.02	40.65	-1,097.41	1,150.15	1,141.51	8.64	133.118	
800.00	795.75	1,005.77	998.65	3.97	4.37	159.53	60.53	-1,074.62	1,151.53	1,142.48	9.05	127.196	
900.00	893.97	1,140.59	1,128.58	4.20	4.79	161.24	84.16	-1,047.54	1,150.39	1,140.83	9.55	120.448	
1,000.00	992.20	1,236.78	1,220.66	4.45	5.13	162.54	102.44	-1,026.57	1,148.27	1,138.22	10.05	114.274	
1,100.00	1,090.43	1,332.99	1,312.75	4.73	5.50	163.85	120.73	-1,005.61	1,146.80	1,136.21	10.59	108.335	
1,200.00	1,188.66	1,429.20	1,404.85	5.02	5.89	165.16	139.02	-984.64	1,145.98	1,134.82	11.16	102.693	
1,276.94	1,264.24	1,503.22	1,475.71	5.26	6.20	166.17	153.09	-968.51	1,145.78	1,134.16	11.62	98.603	
1,300.00	1,286.89	1,525.40	1,496.95	5.34	6.29	166.47	157.31	-963.67	1,145.80	1,134.04	11.76	97.424	
1,400.00	1,385.12	1,621.61	1,589.05	5.66	6.72	167.79	175.60	-942.70	1,146.27	1,133.88	12.39	92.504	
1,500.00	1,483.35	1,717.82	1,681.15	6.00	7.15	169.10	193.89	-921.74	1,147.40	1,134.35	13.05	87.954	
1,600.00	1,581.57	1,814.03	1,773.25	6.34	7.56	170.40	212.18	-900.77	1,149.17	1,135.47	13.69	83.920	
1,700.00	1,679.80	1,910.24	1,865.35	6.69	7.79	171.71	230.47	-879.80	1,151.58	1,137.56	14.01	82.180	
1,800.00	1,778.03	2,006.45	1,957.44	7.05	7.86	173.00	248.76	-858.83	1,154.63	1,140.27	14.36	80.391	
1,900.00	1,876.26	2,102.66	2,049.54	7.25	7.96	174.29	267.05	-837.86	1,158.31	1,143.92	14.40	80.448	
2,000.00	1,974.49	2,201.13	2,141.64	7.29	8.07	175.57	285.34	-816.90	1,162.63	1,148.08	14.54	79.948	
2,100.00	2,072.72	2,295.08	2,233.74	7.35	8.20	176.85	303.63	-795.93	1,167.56	1,152.84	14.72	79.330	
2,200.00	2,170.95	2,408.71	2,325.84	7.43	8.38	178.11	321.92	-774.96	1,173.11	1,158.15	14.96	78.427	
2,300.00	2,269.18	2,487.50	2,417.94	7.52	8.52	179.36	340.21	-753.99	1,179.26	1,164.08	15.18	77.695	
2,400.00	2,367.40	2,583.71	2,510.04	7.63	8.70	-179.41	358.50	-733.03	1,186.01	1,170.55	15.46	76.727	
2,500.00	2,465.63	2,679.92	2,602.13	7.76	8.90	-178.18	376.79	-712.06	1,193.34	1,177.57	15.77	75.683	
2,600.00	2,563.86	2,776.13	2,694.23	7.90	9.11	-176.97	395.07	-691.09	1,201.25	1,185.14	16.11	74.580	
2,700.00	2,662.09	2,872.34	2,786.33	8.05	9.34	-175.78	413.36	-670.12	1,209.72	1,193.25	16.47	73.436	
2,800.00	2,760.32	2,968.55	2,878.43	8.21	9.57	-174.60	431.65	-649.15	1,218.74	1,201.88	16.86	72.265	
2,900.00	2,858.55	3,064.76	2,970.53	8.39	9.83	-173.44	449.94	-628.19	1,228.30	1,211.02	17.28	71.081	
3,000.00	2,956.78	3,160.97	3,062.63	8.58	10.09	-172.30	468.23	-607.22	1,238.39	1,220.67	17.72	69.895	
3,100.00	3,055.01	3,257.18	3,154.73	8.78	10.36	-171.17	486.52	-586.25	1,249.00	1,230.82	18.18	68.716	
3,200.00	3,153.23	3,353.39	3,246.82	8.99	10.64	-170.06	504.81	-565.28	1,260.10	1,241.45	18.65	67.553	
3,300.00	3,251.46	3,449.60	3,338.92	9.21	10.92	-168.97	523.10	-544.32	1,271.69	1,252.54	19.15	66.413	
3,400.00	3,349.69	3,545.81	3,431.02	9.43	11.22	-167.90	541.39	-523.35	1,283.76	1,264.10	19.66	65.301	
3,500.00	3,447.92	3,642.02	3,523.12	9.67	11.52	-166.85	559.68	-502.38	1,296.28	1,276.10	20.19	64.220	
3,600.00	3,546.15	3,738.23	3,615.22	9.91	11.83	-165.82	577.97	-481.41	1,309.26	1,288.53	20.72	63.173	
3,700.00	3,644.38	3,834.44	3,707.32	10.16	12.15	-164.80	596.26	-460.44	1,322.67	1,301.39	21.28	62.163	
3,800.00	3,742.61	3,930.65	3,799.42	10.41	12.47	-163.81	614.55	-439.48	1,336.50	1,314.66	21.84	61.190	
3,900.00	3,840.84	4,026.86	3,891.51	10.68	12.80	-162.84	632.84	-418.51	1,350.74	1,328.33	22.42	60.256	
4,000.00	3,939.06	4,123.07	3,983.61	10.94	13.13	-161.88	651.13	-397.54	1,365.38	1,342.38	23.00	59.359	
4,100.00	4,037.29	4,219.28	4,075.71	11.21	13.46	-160.95	669.42	-376.57	1,380.40	1,356.81	23.60	58.501	
4,200.00	4,135.52	4,315.49	4,167.81	11.49	13.80	-160.03	687.71	-355.61	1,395.80	1,371.60	24.20	57.679	
4,300.00	4,233.75	4,411.70	4,259.91	11.77	14.15	-159.14	706.00	-334.64	1,411.55	1,386.74	24.81	56.894	
4,400.00	4,331.98	4,507.91	4,352.01	12.06	14.50	-158.26	724.29	-313.67	1,427.65	1,402.22	25.43	56.145	
4,500.00	4,430.21	4,604.12	4,444.11	12.35	14.85	-157.40	742.58	-292.70	1,444.08	1,418.03	26.05	55.429	
4,600.00	4,528.44	4,700.33	4,536.20	12.64	15.20	-156.56	760.87	-271.73	1,460.84	1,434.16	26.68	54.747	
4,700.00	4,626.67	4,803.46	4,628.30	12.93	15.58	-155.74	779.16	-250.77	1,477.91	1,450.57	27.35	54.045	
4,800.00	4,724.89	4,907.26	4,720.40	13.23	15.97	-154.93	797.45	-229.80	1,495.29	1,467.27	28.02	53.371	
4,900.00	4,823.12	4,988.95	4,812.50	13.54	16.28	-154.15	815.74	-208.83	1,512.95	1,484.34	28.61	52.883	
5,000.00	4,921.35	5,085.16	4,904.60	13.84	16.64	-153.38	834.03	-187.86	1,530.90	1,501.64	29.26	52.318	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25C-3-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,019.58	5,181.37	4,996.70	14.15	17.01	-152.63	852.32	-166.89	1,549.12	1,519.21	29.92	51.780	
5,200.00	5,117.81	5,277.58	5,088.80	14.46	17.38	-151.89	870.61	-145.93	1,567.61	1,537.03	30.58	51.267	
5,300.00	5,216.04	5,373.79	5,180.89	14.77	17.75	-151.18	888.90	-124.96	1,586.34	1,555.10	31.24	50.777	
5,400.00	5,314.27	5,470.00	5,272.99	15.08	18.12	-150.47	907.19	-103.99	1,605.32	1,573.42	31.91	50.311	
5,500.00	5,412.50	5,566.21	5,365.09	15.40	18.50	-149.79	925.48	-83.02	1,624.54	1,591.96	32.58	49.865	
5,600.00	5,510.72	5,662.42	5,457.19	15.71	18.87	-149.12	943.76	-62.06	1,643.99	1,610.73	33.25	49.440	
5,700.00	5,608.95	5,758.63	5,549.29	16.03	19.25	-148.46	962.05	-41.09	1,663.65	1,629.72	33.93	49.034	
5,800.00	5,707.18	5,854.84	5,641.39	16.35	19.63	-147.82	980.34	-20.12	1,683.53	1,648.92	34.61	48.646	
5,900.00	5,805.41	5,951.05	5,733.49	16.68	20.01	-147.20	998.63	0.85	1,703.61	1,668.32	35.29	48.276	
6,000.00	5,903.64	6,047.26	5,825.58	17.00	20.39	-146.59	1,016.92	21.82	1,723.89	1,687.92	35.97	47.921	
6,100.00	6,001.87	6,143.47	5,917.68	17.33	20.77	-145.99	1,035.21	42.78	1,744.36	1,707.70	36.66	47.583	
6,200.00	6,100.10	6,239.68	6,009.78	17.65	21.16	-145.40	1,053.50	63.75	1,765.01	1,727.66	37.35	47.259	
6,300.00	6,198.33	6,335.89	6,101.88	17.98	21.54	-144.83	1,071.79	84.72	1,785.84	1,747.80	38.04	46.949	
6,400.00	6,296.55	6,432.10	6,193.98	18.31	21.93	-144.27	1,090.08	105.69	1,806.85	1,768.11	38.73	46.652	
6,500.00	6,394.83	6,528.29	6,286.06	18.63	22.31	-143.80	1,108.37	126.65	1,827.87	1,788.46	39.42	46.372	
6,600.00	6,494.21	6,623.20	6,376.91	18.81	22.70	139.02	1,126.41	147.33	1,844.21	1,804.20	40.01	46.098	
6,700.00	6,593.31	6,714.41	6,464.23	18.92	23.06	87.06	1,143.75	167.21	1,853.71	1,813.20	40.51	45.758	
6,800.00	6,689.68	6,799.68	6,545.85	18.97	23.41	77.05	1,159.96	185.80	1,856.98	1,816.05	40.93	45.374	
6,900.00	6,780.96	6,876.90	6,619.77	18.98	23.72	74.50	1,174.64	202.62	1,854.90	1,813.65	41.25	44.965	
7,000.00	6,864.89	6,944.17	6,684.17	18.95	23.99	74.39	1,187.43	217.29	1,848.64	1,807.14	41.50	44.546	
7,100.00	6,939.42	7,000.16	6,737.46	18.90	24.22	75.34	1,198.01	229.42	1,839.48	1,797.79	41.69	44.124	
7,200.00	7,002.70	7,106.80	6,838.63	18.86	24.68	78.61	1,218.12	257.36	1,828.47	1,786.27	42.21	43.323	
7,300.00	7,053.18	7,157.61	6,884.85	18.85	24.94	80.73	1,227.33	276.32	1,816.52	1,774.00	42.52	42.725	
7,400.00	7,089.61	7,145.03	6,873.55	18.89	24.87	80.95	1,225.08	271.27	1,805.94	1,763.41	42.53	42.460	
7,500.00	7,111.10	7,115.07	6,846.25	19.02	24.72	80.64	1,219.64	260.19	1,796.89	1,754.36	42.53	42.248	
7,600.00	7,117.12	7,078.05	6,811.87	19.24	24.55	80.13	1,212.79	248.32	1,789.13	1,746.55	42.59	42.013	
7,700.00	7,114.51	7,044.34	6,780.02	19.62	24.40	79.13	1,206.46	239.31	1,784.18	1,741.42	42.76	41.725	
7,746.21	7,113.30	7,032.15	6,768.39	19.86	24.35	78.75	1,204.15	236.47	1,783.62	1,740.71	42.91	41.567	
7,800.00	7,111.88	7,019.08	6,755.88	20.15	24.30	78.34	1,201.67	233.61	1,784.38	1,741.31	43.08	41.423	
7,900.00	7,109.26	6,994.71	6,732.54	20.84	24.20	77.58	1,197.03	228.30	1,789.85	1,746.38	43.47	41.174	
8,000.00	7,106.63	6,970.33	6,709.21	21.65	24.10	76.82	1,192.40	222.99	1,800.52	1,756.61	43.92	40.998	
8,100.00	7,104.00	6,945.95	6,685.87	22.56	24.00	76.06	1,187.77	217.67	1,816.32	1,771.92	44.40	40.907 SF	
8,200.00	7,101.37	6,921.57	6,662.53	23.57	23.90	75.31	1,183.13	212.36	1,837.12	1,792.21	44.91	40.909	
8,300.00	7,098.74	6,902.81	6,639.19	24.65	23.83	74.55	1,178.50	207.05	1,862.73	1,817.29	45.44	40.989	
8,400.00	7,096.12	6,872.81	6,615.86	25.79	23.71	73.80	1,173.86	201.73	1,892.97	1,847.03	45.94	41.207	
8,500.00	7,093.49	6,848.43	6,592.52	26.99	23.61	73.04	1,169.23	196.42	1,927.63	1,881.18	46.44	41.505	
8,600.00	7,090.86	6,824.05	6,569.18	28.24	23.51	72.29	1,164.59	191.11	1,966.45	1,919.52	46.93	41.901	
8,700.00	7,088.23	6,799.67	6,545.84	29.53	23.41	71.54	1,159.96	185.79	2,009.22	1,961.82	47.40	42.391	
8,800.00	7,085.60	6,775.29	6,522.51	30.86	23.31	70.80	1,155.32	180.48	2,055.67	2,007.83	47.84	42.970	
8,900.00	7,082.98	6,750.91	6,499.17	32.22	23.21	70.05	1,150.69	175.17	2,105.57	2,057.31	48.26	43.634	
9,000.00	7,080.35	6,726.53	6,475.83	33.60	23.11	69.31	1,146.05	169.85	2,158.67	2,110.03	48.64	44.377	
9,100.00	7,077.72	6,702.15	6,452.49	35.02	23.01	68.58	1,141.42	164.54	2,214.75	2,165.75	49.01	45.193	
9,200.00	7,075.09	6,677.78	6,429.16	36.45	22.92	67.84	1,136.79	159.23	2,273.59	2,224.25	49.34	46.078	
9,300.00	7,072.47	6,653.40	6,405.82	37.90	22.82	67.11	1,132.15	153.92	2,334.97	2,285.32	49.65	47.026	
9,400.00	7,069.84	6,629.02	6,382.48	39.37	22.72	66.38	1,127.52	148.60	2,398.70	2,348.76	49.94	48.032	
9,500.00	7,067.21	6,604.64	6,359.14	40.86	22.62	65.66	1,122.88	143.29	2,464.61	2,414.40	50.20	49.092	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.80	4.03	-1,159.58	1,159.58				
100.00	100.00	103.00	103.00	3.28	3.28	-89.80	4.03	-1,159.58	1,159.58	1,152.05	7.53	154.011	
200.00	200.00	204.30	204.30	3.31	3.31	-89.80	4.04	-1,159.57	1,159.58	1,152.01	7.58	153.073	
300.00	299.98	347.55	347.49	3.35	3.38	155.18	6.55	-1,156.73	1,159.18	1,151.50	7.68	150.856	
400.00	399.84	490.20	489.70	3.41	3.50	155.70	13.76	-1,148.57	1,158.26	1,150.42	7.85	147.610	
500.00	499.45	631.66	630.03	3.50	3.68	156.55	25.52	-1,135.24	1,156.95	1,148.88	8.07	143.299	
600.00	598.70	771.39	767.61	3.61	3.91	157.72	41.63	-1,117.00	1,155.46	1,147.09	8.37	138.027	
700.00	697.47	908.90	901.68	3.77	4.23	159.19	61.80	-1,094.17	1,154.07	1,145.32	8.75	131.896	
800.00	795.75	1,043.78	1,031.64	3.97	4.64	160.91	85.69	-1,067.10	1,152.54	1,143.32	9.22	124.980	
900.00	893.97	1,151.57	1,134.40	4.20	5.03	162.43	107.22	-1,042.73	1,149.50	1,139.78	9.73	118.150	
1,000.00	992.20	1,247.40	1,225.68	4.45	5.42	163.79	126.54	-1,020.85	1,147.01	1,136.74	10.26	111.753	
1,100.00	1,090.43	1,343.22	1,316.95	4.73	5.82	165.16	145.85	-998.98	1,145.22	1,134.38	10.84	105.642	
1,200.00	1,188.66	1,439.05	1,408.22	5.02	6.25	166.53	165.17	-977.11	1,144.15	1,132.70	11.45	99.954	
1,300.00	1,286.89	1,534.87	1,499.50	5.34	6.69	167.90	184.49	-955.23	1,143.78	1,131.70	12.09	94.626	
1,300.57	1,287.45	1,535.42	1,500.02	5.34	6.69	167.91	184.60	-955.11	1,143.78	1,131.69	12.09	94.597 CC	
1,400.00	1,385.12	1,630.70	1,590.77	5.66	7.14	169.27	203.80	-933.36	1,144.14	1,131.38	12.75	89.709 ES	
1,500.00	1,483.35	1,726.52	1,682.04	6.00	7.60	170.64	223.12	-911.49	1,145.20	1,131.76	13.44	85.186	
1,600.00	1,581.57	1,822.35	1,773.32	6.34	8.03	172.01	242.44	-889.61	1,146.98	1,132.87	14.11	81.296	
1,700.00	1,679.80	1,918.17	1,864.59	6.69	8.26	173.37	261.75	-867.74	1,149.47	1,135.04	14.44	79.628	
1,800.00	1,778.03	2,014.00	1,955.86	7.05	8.34	174.73	281.07	-845.86	1,152.66	1,137.86	14.80	77.879	
1,900.00	1,876.26	2,109.82	2,047.14	7.25	8.43	176.08	300.38	-823.99	1,156.55	1,141.70	14.85	77.882	
2,000.00	1,974.49	2,205.65	2,138.41	7.29	8.55	177.42	319.70	-802.12	1,161.14	1,146.13	15.00	77.387	
2,100.00	2,072.72	2,301.47	2,229.68	7.35	8.69	178.75	339.02	-780.24	1,166.40	1,151.20	15.20	76.751	
2,200.00	2,170.95	2,402.70	2,320.96	7.43	8.85	-179.93	358.33	-758.37	1,172.34	1,156.91	15.43	75.962	
2,300.00	2,269.18	2,506.88	2,412.23	7.52	9.05	-178.63	377.65	-736.50	1,178.94	1,163.23	15.71	75.041	
2,400.00	2,367.40	2,588.95	2,503.50	7.63	9.21	-177.34	396.97	-714.62	1,186.20	1,170.22	15.98	74.235	
2,500.00	2,465.63	2,684.77	2,594.78	7.76	9.41	-176.06	416.28	-692.75	1,194.09	1,177.79	16.30	73.247	
2,600.00	2,563.86	2,780.60	2,686.05	7.90	9.63	-174.80	435.60	-670.88	1,202.62	1,185.96	16.65	72.210	
2,700.00	2,662.09	2,876.42	2,777.33	8.05	9.87	-173.56	454.92	-649.00	1,211.76	1,194.72	17.03	71.140	
2,800.00	2,760.32	2,972.25	2,868.60	8.21	10.11	-172.34	474.23	-627.13	1,221.50	1,204.06	17.44	70.051	
2,900.00	2,858.55	3,068.07	2,959.87	8.39	10.37	-171.13	493.55	-605.25	1,231.82	1,213.96	17.86	68.952	
3,000.00	2,956.78	3,163.90	3,051.15	8.58	10.64	-169.94	512.86	-583.38	1,242.72	1,224.41	18.31	67.856	
3,100.00	3,055.01	3,259.72	3,142.42	8.78	10.91	-168.78	532.18	-561.51	1,254.18	1,235.40	18.78	66.770	
3,200.00	3,153.23	3,355.55	3,233.69	8.99	11.20	-167.63	551.50	-539.63	1,266.18	1,246.91	19.27	65.701	
3,300.00	3,251.46	3,451.37	3,324.97	9.21	11.50	-166.50	570.81	-517.76	1,278.70	1,258.93	19.78	64.655	
3,400.00	3,349.69	3,547.20	3,416.24	9.43	11.80	-165.40	590.13	-495.89	1,291.74	1,271.44	20.30	63.637	
3,500.00	3,447.92	3,643.02	3,507.51	9.67	12.11	-164.31	609.45	-474.01	1,305.27	1,284.44	20.83	62.649	
3,600.00	3,546.15	3,738.85	3,598.79	9.91	12.43	-163.25	628.76	-452.14	1,319.29	1,297.90	21.38	61.694	
3,700.00	3,644.38	3,834.67	3,690.06	10.16	12.75	-162.20	648.08	-430.27	1,333.77	1,311.82	21.95	60.773	
3,800.00	3,742.61	3,930.50	3,781.33	10.41	13.08	-161.18	667.39	-408.39	1,348.70	1,326.18	22.52	59.888	
3,900.00	3,840.84	4,026.32	3,872.61	10.68	13.42	-160.18	686.71	-386.52	1,364.06	1,340.96	23.10	59.039	
4,000.00	3,939.06	4,122.15	3,963.88	10.94	13.76	-159.21	706.03	-364.64	1,379.85	1,356.15	23.70	58.225	
4,100.00	4,037.29	4,217.97	4,055.15	11.21	14.10	-158.25	725.34	-342.77	1,396.05	1,371.75	24.30	57.447	
4,200.00	4,135.52	4,313.80	4,146.43	11.49	14.45	-157.31	744.66	-320.90	1,412.64	1,387.72	24.91	56.703	
4,300.00	4,233.75	4,409.62	4,237.70	11.77	14.80	-156.40	763.98	-299.02	1,429.60	1,404.07	25.53	55.993	
4,400.00	4,331.98	4,505.45	4,328.98	12.06	15.16	-155.50	783.29	-277.15	1,446.94	1,420.78	26.16	55.315	
4,500.00	4,430.21	4,601.27	4,420.25	12.35	15.52	-154.63	802.61	-255.28	1,464.63	1,437.84	26.79	54.669	
4,600.00	4,528.44	4,702.90	4,511.52	12.64	15.90	-153.77	821.93	-233.40	1,482.65	1,455.20	27.45	54.010	
4,700.00	4,626.67	4,807.08	4,602.80	12.93	16.30	-152.94	841.24	-211.53	1,501.01	1,472.88	28.13	53.363	
4,800.00	4,724.89	4,888.75	4,694.07	13.23	16.62	-152.12	860.56	-189.66	1,519.68	1,490.96	28.72	52.907	
4,900.00	4,823.12	4,984.57	4,785.34	13.54	16.99	-151.32	879.87	-167.78	1,538.66	1,509.28	29.38	52.374	
5,000.00	4,921.35	5,080.40	4,876.62	13.84	17.36	-150.55	899.19	-145.91	1,557.93	1,527.89	30.04	51.867	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	5,176.22	4,967.89	14.15	17.74	-149.79	918.51	-124.03	1,577.48	1,546.78	30.70	51.383	
5,200.00	5,117.81	5,272.05	5,059.16	14.46	18.12	-149.04	937.82	-102.16	1,597.31	1,565.94	31.37	50.923	
5,300.00	5,216.04	5,367.87	5,150.44	14.77	18.50	-148.32	957.14	-80.29	1,617.40	1,585.36	32.04	50.484	
5,400.00	5,314.27	5,463.70	5,241.71	15.08	18.88	-147.61	976.46	-58.41	1,637.74	1,605.03	32.71	50.065	
5,500.00	5,412.50	5,559.52	5,332.98	15.40	19.26	-146.92	995.77	-36.54	1,658.32	1,624.93	33.39	49.666	
5,600.00	5,510.72	5,655.35	5,424.26	15.71	19.65	-146.25	1,015.09	-14.67	1,679.14	1,645.07	34.07	49.285	
5,700.00	5,608.95	5,751.17	5,515.53	16.03	20.04	-145.59	1,034.40	7.21	1,700.19	1,665.43	34.75	48.922	
5,800.00	5,707.18	5,847.00	5,606.80	16.35	20.43	-144.95	1,053.72	29.08	1,721.45	1,686.01	35.44	48.576	
5,900.00	5,805.41	5,942.82	5,698.08	16.68	20.82	-144.32	1,073.04	50.95	1,742.92	1,706.80	36.13	48.245	
6,000.00	5,903.64	6,038.65	5,789.35	17.00	21.21	-143.71	1,092.35	72.83	1,764.60	1,727.78	36.82	47.929	
6,100.00	6,001.87	6,134.47	5,880.63	17.33	21.60	-143.11	1,111.67	94.70	1,786.47	1,748.96	37.51	47.627	
6,200.00	6,100.10	6,230.30	5,971.90	17.65	22.00	-142.53	1,130.99	116.58	1,808.52	1,770.32	38.20	47.338	
6,300.00	6,198.33	6,326.12	6,063.17	17.98	22.39	-141.96	1,150.30	138.45	1,830.76	1,791.86	38.90	47.062	
6,400.00	6,296.55	6,421.95	6,154.45	18.31	22.79	-141.40	1,169.62	160.32	1,853.17	1,813.57	39.60	46.797	
6,500.00	6,394.83	6,517.75	6,245.70	18.63	23.18	-145.96	1,188.93	182.19	1,875.63	1,835.34	40.29	46.549	
6,600.00	6,494.21	6,612.16	6,335.62	18.81	23.58	141.67	1,207.96	203.74	1,893.86	1,852.98	40.88	46.323	
6,700.00	6,593.31	7,778.21	6,969.64	18.92	33.00	116.58	1,345.45	1,011.24	1,880.42	1,831.37	49.05	38.337	
6,800.00	6,689.68	7,752.92	6,969.70	18.97	32.71	105.52	1,345.34	985.95	1,871.58	1,822.33	49.24	38.008 SF	
6,900.00	6,780.96	7,712.82	6,969.79	18.98	32.25	100.50	1,345.16	945.85	1,867.81	1,818.70	49.10	38.037	
6,935.29	6,811.53	7,704.70	6,969.84	18.97	32.16	99.15	1,345.08	928.34	1,867.56	1,818.46	49.09	38.042	
7,000.00	6,864.89	7,658.90	6,969.93	18.95	31.64	96.92	1,344.91	891.93	1,868.33	1,819.64	48.69	38.373	
7,100.00	6,939.42	7,527.27	6,962.40	18.90	30.20	92.27	1,342.67	760.72	1,871.36	1,823.90	47.46	39.432	
7,200.00	7,002.70	7,387.58	6,926.53	18.86	28.73	87.81	1,334.44	626.25	1,873.52	1,827.42	46.10	40.637	
7,300.00	7,053.18	7,284.99	6,882.34	18.85	27.74	84.54	1,324.67	534.31	1,875.28	1,830.16	45.12	41.563	
7,400.00	7,089.61	7,200.79	6,835.64	18.89	26.98	81.98	1,314.50	465.06	1,876.71	1,832.33	44.38	42.285	
7,500.00	7,111.10	7,126.94	6,787.62	19.02	26.37	79.92	1,304.11	409.98	1,877.55	1,833.69	43.86	42.808	
7,600.00	7,117.12	7,059.50	6,738.58	19.24	25.87	78.28	1,293.57	364.94	1,877.42	1,833.91	43.51	43.146	
7,624.84	7,116.64	7,043.80	6,726.52	19.33	25.75	77.91	1,290.98	355.24	1,877.33	1,833.86	43.47	43.188	
7,700.00	7,114.51	7,001.12	6,692.56	19.62	25.46	76.88	1,283.71	330.43	1,878.11	1,834.74	43.37	43.300	
7,800.00	7,111.88	6,954.77	6,653.94	20.15	25.17	75.69	1,275.46	306.19	1,882.51	1,839.06	43.45	43.327	
7,900.00	7,109.26	6,917.45	6,621.66	20.84	24.95	74.70	1,268.58	288.80	1,891.05	1,847.37	43.69	43.288	
8,000.00	7,106.63	6,886.97	6,594.57	21.65	24.79	73.87	1,262.82	276.05	1,903.99	1,859.95	44.04	43.234	
8,100.00	7,104.00	6,861.69	6,571.69	22.56	24.65	73.17	1,257.95	266.50	1,921.43	1,876.95	44.48	43.197	
8,200.00	7,101.37	6,840.47	6,552.20	23.57	24.55	72.57	1,253.81	259.20	1,943.42	1,898.44	44.98	43.206	
8,300.00	7,098.74	6,822.43	6,535.45	24.65	24.47	72.06	1,250.26	253.51	1,969.88	1,924.36	45.52	43.276	
8,400.00	7,096.12	6,800.00	6,514.42	25.79	24.36	71.41	1,245.80	247.13	2,000.75	1,954.72	46.04	43.461	
8,500.00	7,093.49	6,793.48	6,508.26	26.99	24.33	71.23	1,244.50	245.42	2,035.81	1,989.17	46.63	43.656	
8,600.00	7,090.86	6,781.72	6,497.12	28.24	24.28	70.89	1,242.14	242.49	2,074.94	2,027.75	47.19	43.972	
8,700.00	7,088.23	6,767.06	6,483.17	29.53	24.22	70.46	1,239.19	239.10	2,117.93	2,070.23	47.71	44.394	
8,800.00	7,085.60	6,741.66	6,458.97	30.86	24.12	69.73	1,234.07	233.30	2,164.44	2,116.29	48.16	44.945	
8,900.00	7,082.98	6,716.26	6,434.77	32.22	24.01	68.99	1,228.95	227.50	2,214.20	2,165.62	48.58	45.574	
9,000.00	7,080.35	6,690.85	6,410.58	33.60	23.90	68.26	1,223.82	221.70	2,267.00	2,218.01	48.99	46.276	
9,100.00	7,077.72	6,665.45	6,386.38	35.02	23.80	67.54	1,218.70	215.91	2,322.62	2,273.25	49.37	47.046	
9,200.00	7,075.09	6,640.05	6,362.18	36.45	23.69	66.81	1,213.58	210.11	2,380.88	2,331.15	49.73	47.880	
9,300.00	7,072.47	6,614.64	6,337.99	37.90	23.59	66.09	1,208.46	204.31	2,441.58	2,391.52	50.06	48.773	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	4.04	-1,179.62	1,179.63				
100.00	100.00	103.00	103.00	3.28	3.28	-89.80	4.04	-1,179.62	1,179.63	1,172.10	7.53	156.674	
200.00	200.00	203.00	203.00	3.31	3.31	-89.80	4.04	-1,179.62	1,179.63	1,172.05	7.57	155.728 CC	
300.00	299.98	318.75	318.74	3.35	3.36	155.05	4.39	-1,179.26	1,180.96	1,173.29	7.67	153.974	
400.00	399.84	459.96	459.81	3.41	3.47	155.39	8.68	-1,174.88	1,182.63	1,174.80	7.83	151.094	
500.00	499.45	600.33	599.57	3.50	3.62	156.07	17.75	-1,165.61	1,184.06	1,176.01	8.04	147.234	
600.00	598.70	739.31	737.14	3.61	3.82	157.07	31.45	-1,151.63	1,185.42	1,177.09	8.32	142.438	
700.00	697.47	876.33	871.70	3.77	4.09	158.36	49.50	-1,133.19	1,186.96	1,178.29	8.67	136.837	
800.00	795.75	1,011.00	1,002.59	3.97	4.43	159.92	71.61	-1,110.61	1,188.42	1,179.31	9.11	130.485	
900.00	893.97	1,143.18	1,129.49	4.20	4.86	161.67	97.48	-1,084.20	1,187.71	1,178.08	9.63	123.318	
1,000.00	992.20	1,254.26	1,234.87	4.45	5.29	163.30	122.05	-1,059.10	1,185.28	1,175.09	10.19	116.283	
1,100.00	1,090.43	1,349.37	1,324.93	4.73	5.69	164.72	143.44	-1,037.26	1,183.37	1,172.60	10.77	109.876	
1,200.00	1,188.66	1,444.49	1,415.00	5.02	6.12	166.14	164.83	-1,015.41	1,182.25	1,170.87	11.38	103.875	
1,288.28	1,275.38	1,528.46	1,494.51	5.30	6.51	167.40	183.71	-996.13	1,181.94	1,169.98	11.95	98.871	
1,300.00	1,286.89	1,539.60	1,505.07	5.34	6.56	167.56	186.22	-993.57	1,181.94	1,169.91	12.03	98.238	
1,400.00	1,385.12	1,634.72	1,595.14	5.66	7.02	168.99	207.61	-971.72	1,182.44	1,169.73	12.71	93.045 ES	
1,500.00	1,483.35	1,729.83	1,685.20	6.00	7.49	170.41	229.00	-949.88	1,183.74	1,170.33	13.41	88.275	
1,600.00	1,581.57	1,824.95	1,775.27	6.34	7.92	171.82	250.39	-928.03	1,185.85	1,171.77	14.08	84.214	
1,700.00	1,679.80	1,920.06	1,865.34	6.69	8.15	173.24	271.78	-906.19	1,188.75	1,174.34	14.41	82.486	
1,800.00	1,778.03	2,015.18	1,955.41	7.05	8.23	174.64	293.17	-884.34	1,192.45	1,177.67	14.78	80.676	
1,900.00	1,876.26	2,110.30	2,045.48	7.25	8.33	176.04	314.56	-862.50	1,196.93	1,182.09	14.84	80.680	
2,000.00	1,974.49	2,205.41	2,135.54	7.29	8.46	177.42	335.95	-840.65	1,202.19	1,187.19	15.00	80.160	
2,100.00	2,072.72	2,300.53	2,225.61	7.35	8.61	178.80	357.34	-818.81	1,208.21	1,193.01	15.20	79.507	
2,200.00	2,170.95	2,404.36	2,315.68	7.43	8.79	-179.84	378.73	-796.96	1,214.99	1,199.54	15.45	78.653	
2,300.00	2,269.18	2,509.24	2,405.75	7.52	8.99	-178.49	400.12	-775.12	1,222.51	1,206.77	15.74	77.677	
2,400.00	2,367.40	2,585.87	2,495.81	7.63	9.16	-177.16	421.51	-753.27	1,230.76	1,214.75	16.00	76.899	
2,500.00	2,465.63	2,680.99	2,585.88	7.76	9.37	-175.85	442.90	-731.43	1,239.72	1,223.38	16.34	75.878	
2,600.00	2,563.86	2,776.10	2,675.95	7.90	9.60	-174.55	464.29	-709.58	1,249.38	1,232.68	16.70	74.810	
2,700.00	2,662.09	2,871.22	2,766.02	8.05	9.85	-173.28	485.68	-687.74	1,259.73	1,242.64	17.09	73.711	
2,800.00	2,760.32	2,966.34	2,856.09	8.21	10.11	-172.02	507.07	-665.89	1,270.74	1,253.23	17.50	72.593	
2,900.00	2,858.55	3,061.45	2,946.15	8.39	10.38	-170.78	528.46	-644.05	1,282.40	1,264.45	17.94	71.470	
3,000.00	2,956.78	3,156.57	3,036.22	8.58	10.66	-169.57	549.85	-622.20	1,294.69	1,276.28	18.40	70.351	
3,100.00	3,055.01	3,251.68	3,126.29	8.78	10.95	-168.37	571.24	-600.36	1,307.59	1,288.71	18.88	69.246	
3,200.00	3,153.23	3,346.80	3,216.36	8.99	11.25	-167.20	592.63	-578.51	1,321.09	1,301.71	19.38	68.160	
3,300.00	3,251.46	3,441.91	3,306.42	9.21	11.56	-166.05	614.03	-556.66	1,335.17	1,315.27	19.90	67.101	
3,400.00	3,349.69	3,537.03	3,396.49	9.43	11.88	-164.92	635.42	-534.82	1,349.80	1,329.37	20.43	66.071	
3,500.00	3,447.92	3,632.14	3,486.56	9.67	12.20	-163.82	656.81	-512.97	1,364.98	1,344.01	20.98	65.074	
3,600.00	3,546.15	3,727.26	3,576.63	9.91	12.53	-162.73	678.20	-491.13	1,380.68	1,359.15	21.54	64.112	
3,700.00	3,644.38	3,822.38	3,666.69	10.16	12.87	-161.68	699.59	-469.28	1,396.89	1,374.78	22.11	63.187	
3,800.00	3,742.61	3,917.49	3,756.76	10.41	13.22	-160.64	720.98	-447.44	1,413.59	1,390.89	22.69	62.300	
3,900.00	3,840.84	4,012.61	3,846.83	10.68	13.56	-159.63	742.37	-425.59	1,430.75	1,407.47	23.28	61.449	
4,000.00	3,939.06	4,107.72	3,936.90	10.94	13.92	-158.64	763.76	-403.75	1,448.37	1,424.49	23.89	60.636	
4,100.00	4,037.29	4,202.84	4,026.97	11.21	14.28	-157.67	785.15	-381.90	1,466.43	1,441.94	24.50	59.859	
4,200.00	4,135.52	4,302.05	4,117.03	11.49	14.65	-156.72	806.54	-360.06	1,484.91	1,459.78	25.13	59.081	
4,300.00	4,233.75	4,406.93	4,207.10	11.77	15.06	-155.80	827.93	-338.21	1,503.80	1,478.00	25.80	58.290	
4,400.00	4,331.98	4,488.18	4,297.17	12.06	15.38	-154.90	849.32	-316.37	1,523.08	1,496.70	26.38	57.738	
4,500.00	4,430.21	4,583.30	4,387.24	12.35	15.75	-154.02	870.71	-294.52	1,542.74	1,515.72	27.02	57.097	
4,600.00	4,528.44	4,678.41	4,477.30	12.64	16.13	-153.16	892.10	-272.68	1,562.76	1,535.09	27.67	56.487	
4,700.00	4,626.67	4,773.53	4,567.37	12.93	16.51	-152.32	913.49	-250.83	1,583.13	1,554.81	28.32	55.907	
4,800.00	4,724.89	4,868.65	4,657.44	13.23	16.89	-151.50	934.88	-228.99	1,603.83	1,574.86	28.97	55.354	
4,900.00	4,823.12	4,963.76	4,747.51	13.54	17.27	-150.70	956.27	-207.14	1,624.86	1,595.22	29.64	54.828	
5,000.00	4,921.35	5,058.88	4,837.58	13.84	17.66	-149.92	977.66	-185.30	1,646.20	1,615.90	30.30	54.328	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	5,019.58	5,153.99	4,927.64	14.15	18.05	-149.16	999.05	-163.45	1,667.83	1,636.86	30.97	53.852	
5,200.00	5,117.81	5,249.11	5,017.71	14.46	18.44	-148.42	1,020.44	-141.61	1,689.75	1,658.11	31.64	53.399	
5,300.00	5,216.04	5,344.22	5,107.78	14.77	18.83	-147.70	1,041.83	-119.76	1,711.95	1,679.63	32.32	52.968	
5,400.00	5,314.27	5,439.34	5,197.85	15.08	19.23	-146.99	1,063.22	-97.91	1,734.42	1,701.42	33.00	52.557	
5,500.00	5,412.50	5,534.45	5,287.91	15.40	19.63	-146.31	1,084.61	-76.07	1,757.14	1,723.45	33.68	52.165	
5,600.00	5,510.72	5,629.57	5,377.98	15.71	20.03	-145.64	1,106.00	-54.22	1,780.10	1,745.73	34.37	51.792	
5,700.00	5,608.95	5,724.69	5,468.05	16.03	20.43	-144.98	1,127.39	-32.38	1,803.30	1,768.24	35.06	51.437	
5,800.00	5,707.18	5,819.80	5,558.12	16.35	20.83	-144.34	1,148.78	-10.53	1,826.73	1,790.98	35.75	51.097	
5,900.00	5,805.41	5,914.92	5,648.19	16.68	21.23	-143.72	1,170.17	11.31	1,850.38	1,813.93	36.44	50.774	
6,000.00	5,903.64	6,010.03	5,738.25	17.00	21.64	-143.11	1,191.57	33.16	1,874.23	1,837.09	37.14	50.465	
6,100.00	6,001.87	6,105.15	5,828.32	17.33	22.04	-142.52	1,212.96	55.00	1,898.29	1,860.45	37.84	50.169	
6,200.00	6,100.10	6,200.26	5,918.39	17.65	22.45	-141.94	1,234.35	76.85	1,922.54	1,884.01	38.54	49.888	
6,300.00	6,198.33	6,304.62	6,008.46	17.98	22.90	-141.37	1,255.74	98.69	1,946.99	1,907.71	39.28	49.568	
6,400.00	6,296.55	6,409.51	6,098.52	18.31	23.35	-140.82	1,277.13	120.54	1,971.61	1,931.58	40.02	49.260	
6,500.00	6,394.83	6,485.59	6,188.57	18.63	23.67	-145.43	1,298.51	142.38	1,996.28	1,955.64	40.64	49.119	
6,600.00	6,494.21	6,579.26	6,277.27	18.81	24.08	141.97	1,319.58	163.89	2,016.83	1,975.60	41.23	48.913	
6,700.00	6,593.31	6,669.05	6,362.29	18.92	24.47	89.51	1,339.77	184.51	2,031.32	1,989.59	41.73	48.677	
6,800.00	6,689.68	6,752.74	6,441.55	18.97	24.83	78.95	1,358.59	203.73	2,040.18	1,998.05	42.13	48.429	
6,900.00	6,780.96	6,828.28	6,513.08	18.98	25.16	75.78	1,375.58	221.08	2,044.12	2,001.70	42.42	48.183	
7,000.00	6,864.89	6,906.20	6,575.12	18.95	25.50	75.01	1,390.31	236.13	2,044.09	2,001.40	42.69	47.887	
7,100.00	6,939.42	6,947.70	6,626.16	18.90	25.68	75.28	1,402.44	248.51	2,041.10	1,998.33	42.77	47.718	
7,200.00	7,002.70	6,988.63	6,664.92	18.86	25.86	75.95	1,411.64	257.91	2,036.20	1,993.33	42.88	47.490	
7,300.00	7,053.18	7,015.61	6,690.46	18.85	25.97	76.68	1,417.71	264.11	2,030.30	1,987.34	42.97	47.253	
7,400.00	7,089.61	7,036.61	6,710.29	18.89	26.07	77.49	1,422.42	269.17	2,024.08	1,980.97	43.12	46.944	
7,500.00	7,111.10	7,028.60	6,702.75	19.02	26.03	77.62	1,420.63	267.17	2,018.02	1,974.82	43.20	46.710	
7,600.00	7,117.12	7,007.92	6,683.18	19.24	25.94	77.50	1,415.98	262.34	2,012.16	1,968.85	43.32	46.454	
7,700.00	7,114.51	6,982.40	6,659.01	19.62	25.83	76.82	1,410.24	256.48	2,008.44	1,964.94	43.50	46.167	
7,730.21	7,113.72	6,974.68	6,651.71	19.77	25.80	76.61	1,408.50	254.71	2,008.23	1,964.64	43.59	46.068	
7,800.00	7,111.88	6,956.86	6,634.83	20.15	25.72	76.12	1,404.50	250.61	2,009.36	1,965.58	43.79	45.891	
7,900.00	7,109.26	6,931.32	6,610.65	20.84	25.61	75.41	1,398.75	244.75	2,014.93	1,970.78	44.15	45.640	
8,000.00	7,106.63	6,905.78	6,586.46	21.65	25.50	74.71	1,393.01	238.88	2,025.10	1,980.52	44.58	45.430	
8,100.00	7,104.00	6,880.24	6,562.28	22.56	25.39	74.00	1,387.27	233.02	2,039.81	1,994.75	45.05	45.276	
8,200.00	7,101.37	6,854.70	6,538.10	23.57	25.27	73.30	1,381.52	227.15	2,058.95	2,013.39	45.57	45.187	
8,300.00	7,098.74	6,829.16	6,513.91	24.65	25.16	72.60	1,375.78	221.29	2,082.42	2,036.32	46.10	45.172 SF	
8,400.00	7,096.12	6,803.62	6,489.73	25.79	25.05	71.90	1,370.03	215.42	2,110.06	2,063.41	46.64	45.237	
8,500.00	7,093.49	6,778.08	6,465.55	26.99	24.94	71.20	1,364.29	209.56	2,141.71	2,094.52	47.19	45.385	
8,600.00	7,090.86	6,752.55	6,441.36	28.24	24.83	70.50	1,358.55	203.69	2,177.19	2,129.46	47.73	45.615	
8,700.00	7,088.23	6,727.01	6,417.18	29.53	24.72	69.81	1,352.80	197.82	2,216.33	2,168.08	48.26	45.928	
8,800.00	7,085.60	6,701.47	6,392.99	30.86	24.61	69.11	1,347.06	191.96	2,258.93	2,210.17	48.77	46.322	
8,900.00	7,082.98	6,675.93	6,368.81	32.22	24.50	68.42	1,341.32	186.09	2,304.81	2,255.55	49.26	46.793	
9,000.00	7,080.35	6,650.39	6,344.63	33.60	24.39	67.73	1,335.57	180.23	2,353.76	2,304.04	49.72	47.338	
9,100.00	7,077.72	6,624.85	6,320.44	35.02	24.28	67.05	1,329.83	174.36	2,405.60	2,355.44	50.16	47.954	
9,200.00	7,075.09	6,600.69	6,296.26	36.45	24.17	66.36	1,324.09	168.50	2,460.16	2,409.57	50.59	48.631	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	90.47	-1.82	219.94	219.95				
100.00	100.00	102.00	102.00	3.28	3.28	90.47	-1.82	219.94	219.95	212.42	7.53	29.214	
200.00	200.00	202.00	202.00	3.31	3.31	90.47	-1.82	219.94	219.95	212.38	7.57	29.038	
300.00	299.98	301.98	301.98	3.35	3.35	-24.93	-1.82	219.94	218.37	210.71	7.66	28.502	
400.00	399.84	396.96	396.95	3.41	3.41	-25.85	-0.59	221.03	214.79	207.01	7.78	27.597	
500.00	499.45	491.76	491.61	3.50	3.50	-27.83	2.97	224.21	210.46	202.52	7.94	26.499	
600.00	598.70	586.03	585.56	3.61	3.60	-30.93	8.84	229.43	205.80	197.66	8.14	25.283	
700.00	697.47	679.57	678.46	3.77	3.72	-35.20	16.94	236.63	201.51	193.13	8.38	24.047	
800.00	795.75	772.25	770.11	3.97	3.87	-40.50	27.20	245.75	199.02	190.35	8.67	22.967	
807.59	803.20	779.26	777.03	3.98	3.88	-40.92	28.06	246.52	199.01	190.32	8.69	22.903 CC, ES	
900.00	893.97	864.23	860.59	4.20	4.04	-46.24	39.56	256.75	201.16	192.17	9.00	22.358	
1,000.00	992.20	955.37	949.66	4.45	4.24	-52.03	53.95	269.54	208.55	199.18	9.37	22.249	
1,100.00	1,090.43	1,048.19	1,039.78	4.73	4.49	-57.69	70.58	284.34	221.04	211.23	9.81	22.534	
1,200.00	1,188.66	1,144.72	1,133.37	5.02	4.77	-62.95	88.26	300.06	236.21	225.89	10.32	22.893	
1,300.00	1,286.89	1,241.26	1,226.95	5.34	5.08	-67.57	105.95	315.79	253.18	242.32	10.86	23.311	
1,400.00	1,385.12	1,337.79	1,320.54	5.66	5.41	-71.61	123.63	331.52	271.60	260.16	11.44	23.751	
1,500.00	1,483.35	1,434.32	1,414.13	6.00	5.75	-75.14	141.31	347.24	291.19	279.17	12.02	24.216	
1,600.00	1,581.57	1,530.85	1,507.71	6.34	6.11	-78.23	158.99	362.97	311.75	299.10	12.64	24.659	
1,700.00	1,679.80	1,627.38	1,601.30	6.69	6.47	-80.93	176.67	378.69	333.08	319.80	13.28	25.088	
1,800.00	1,778.03	1,723.92	1,694.89	7.05	6.85	-83.32	194.36	394.42	355.05	341.12	13.93	25.496	
1,900.00	1,876.26	1,820.45	1,788.47	7.25	7.20	-85.43	212.04	410.15	377.54	363.36	14.19	26.612	
2,000.00	1,974.49	1,916.98	1,882.06	7.29	7.39	-87.30	229.72	425.87	400.48	386.27	14.21	28.188	
2,100.00	2,072.72	2,013.51	1,975.65	7.35	7.44	-88.97	247.40	441.60	423.78	409.47	14.31	29.610	
2,200.00	2,170.95	2,110.05	2,069.24	7.43	7.52	-90.47	265.08	457.33	447.39	432.94	14.45	30.962	
2,300.00	2,269.18	2,206.58	2,162.82	7.52	7.62	-91.82	282.77	473.05	471.27	456.65	14.62	32.234	
2,400.00	2,367.40	2,303.11	2,256.41	7.63	7.73	-93.03	300.45	488.78	495.37	480.54	14.82	33.420	
2,500.00	2,465.63	2,400.36	2,350.00	7.76	7.86	-94.14	318.13	504.50	519.66	504.60	15.06	34.516	
2,600.00	2,563.86	2,503.82	2,443.58	7.90	8.01	-95.15	335.81	520.23	544.12	528.80	15.33	35.502	
2,700.00	2,662.09	2,607.29	2,537.17	8.05	8.18	-96.07	353.50	535.96	568.73	553.10	15.63	36.395	
2,800.00	2,760.32	2,689.24	2,630.76	8.21	8.33	-96.92	371.18	551.68	593.47	577.54	15.92	37.275	
2,900.00	2,858.55	2,785.77	2,724.34	8.39	8.51	-97.70	388.86	567.41	618.31	602.05	16.26	38.024	
3,000.00	2,956.78	2,882.30	2,817.93	8.58	8.71	-98.42	406.54	583.14	643.26	626.64	16.62	38.696	
3,100.00	3,055.01	2,978.84	2,911.52	8.78	8.92	-99.08	424.22	598.86	668.30	651.29	17.01	39.295	
3,200.00	3,153.23	3,075.37	3,005.10	8.99	9.14	-99.70	441.91	614.59	693.42	676.00	17.41	39.826	
3,300.00	3,251.46	3,171.90	3,098.69	9.21	9.37	-100.27	459.59	630.31	718.60	700.77	17.83	40.295	
3,400.00	3,349.69	3,268.43	3,192.28	9.43	9.60	-100.81	477.27	646.04	743.85	725.58	18.27	40.707	
3,500.00	3,447.92	3,364.97	3,285.87	9.67	9.85	-101.31	494.95	661.77	769.16	750.43	18.73	41.068	
3,600.00	3,546.15	3,461.50	3,379.45	9.91	10.10	-101.78	512.63	677.49	794.52	775.32	19.20	41.382	
3,700.00	3,644.38	3,558.03	3,473.04	10.16	10.36	-102.22	530.32	693.22	819.92	800.24	19.68	41.655	
3,800.00	3,742.61	3,654.56	3,566.63	10.41	10.63	-102.63	548.00	708.95	845.37	825.19	20.18	41.890	
3,900.00	3,840.84	3,751.10	3,660.21	10.68	10.90	-103.02	565.68	724.67	870.86	850.17	20.69	42.091	
4,000.00	3,939.06	3,847.63	3,753.80	10.94	11.18	-103.39	583.36	740.40	896.38	875.17	21.21	42.263	
4,100.00	4,037.29	3,944.16	3,847.39	11.21	11.47	-103.74	601.05	756.12	921.93	900.19	21.74	42.408	
4,200.00	4,135.52	4,040.69	3,940.97	11.49	11.76	-104.07	618.73	771.85	947.52	925.24	22.28	42.530	
4,300.00	4,233.75	4,137.22	4,034.56	11.77	12.05	-104.38	636.41	787.58	973.13	950.31	22.83	42.630	
4,400.00	4,331.98	4,233.76	4,128.15	12.06	12.35	-104.67	654.09	803.30	998.77	975.39	23.38	42.712	
4,500.00	4,430.21	4,330.29	4,221.73	12.35	12.65	-104.95	671.77	819.03	1,024.43	1,000.49	23.95	42.778	
4,600.00	4,528.44	4,426.82	4,315.32	12.64	12.96	-105.22	689.46	834.76	1,050.12	1,025.60	24.52	42.829	
4,700.00	4,626.67	4,523.35	4,408.91	12.93	13.27	-105.47	707.14	850.48	1,075.82	1,050.72	25.10	42.868	
4,800.00	4,724.89	4,619.89	4,502.50	13.23	13.58	-105.72	724.82	866.21	1,101.54	1,075.86	25.68	42.895	
4,900.00	4,823.12	4,716.42	4,596.08	13.54	13.90	-105.95	742.50	881.94	1,127.28	1,101.02	26.27	42.912	
5,000.00	4,921.35	4,812.95	4,689.67	13.84	14.21	-106.17	760.18	897.66	1,153.04	1,126.18	26.86	42.921	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	4,909.48	4,783.26	14.15	14.54	-106.38	777.87	913.39	1,178.81	1,151.35	27.46	42.922		
5,200.00	5,117.81	5,006.02	4,876.84	14.46	14.86	-106.58	795.55	929.11	1,204.60	1,176.53	28.07	42.916		
5,300.00	5,216.04	5,102.55	4,970.43	14.77	15.18	-106.78	813.23	944.84	1,230.40	1,201.72	28.68	42.905		
5,400.00	5,314.27	5,200.92	5,064.02	15.08	15.52	-106.96	830.91	960.57	1,256.21	1,226.92	29.30	42.880		
5,500.00	5,412.50	5,304.39	5,157.60	15.40	15.87	-107.14	848.60	976.29	1,282.04	1,252.10	29.94	42.826		
5,600.00	5,510.72	5,392.14	5,251.19	15.71	16.17	-107.31	866.28	992.02	1,307.88	1,277.35	30.53	42.842		
5,700.00	5,608.95	5,488.68	5,344.78	16.03	16.51	-107.48	883.96	1,007.75	1,333.72	1,302.57	31.15	42.814		
5,800.00	5,707.18	5,585.21	5,438.37	16.35	16.84	-107.64	901.64	1,023.47	1,359.58	1,327.80	31.78	42.782		
5,900.00	5,805.41	5,681.74	5,531.95	16.68	17.18	-107.79	919.32	1,039.20	1,385.44	1,353.03	32.41	42.748		
6,000.00	5,903.64	5,778.27	5,625.54	17.00	17.52	-107.94	937.01	1,054.92	1,411.32	1,378.28	33.04	42.712		
6,100.00	6,001.87	5,874.81	5,719.13	17.33	17.86	-108.08	954.69	1,070.65	1,437.20	1,403.52	33.68	42.674		
6,200.00	6,100.10	5,971.34	5,812.71	17.65	18.20	-108.21	972.37	1,086.38	1,463.09	1,428.77	34.32	42.635		
6,300.00	6,198.33	6,067.87	5,906.30	17.98	18.54	-108.35	990.05	1,102.10	1,488.99	1,454.03	34.96	42.594		
6,400.00	6,296.55	6,164.40	5,999.89	18.31	18.88	-108.47	1,007.73	1,117.83	1,514.90	1,479.29	35.60	42.552		
6,500.00	6,394.83	6,260.93	6,093.47	18.63	19.23	-113.81	1,025.42	1,133.55	1,540.84	1,504.61	36.24	42.521		
6,600.00	6,494.21	6,356.78	6,186.39	18.81	19.57	172.29	1,042.97	1,149.17	1,567.95	1,531.20	36.75	42.668		
6,700.00	6,593.31	6,449.79	6,276.56	18.92	19.91	118.11	1,060.01	1,164.32	1,596.46	1,559.29	37.17	42.953		
6,800.00	6,689.68	6,537.66	6,361.76	18.97	20.22	105.44	1,076.11	1,178.64	1,626.30	1,588.81	37.50	43.372		
6,900.00	6,780.96	6,618.24	6,439.88	18.98	20.51	99.80	1,090.87	1,191.76	1,657.67	1,619.93	37.74	43.922		
7,000.00	6,864.89	6,697.56	6,516.81	18.95	20.79	96.36	1,105.40	1,204.45	1,690.88	1,652.93	37.95	44.561		
7,100.00	6,939.42	6,842.70	6,659.06	18.90	21.15	95.33	1,132.46	1,207.68	1,724.45	1,686.15	38.30	45.029		
7,200.00	7,002.70	7,046.44	6,851.98	18.86	21.43	95.61	1,169.64	1,157.15	1,755.56	1,716.95	38.61	45.469		
7,300.00	7,053.18	7,344.13	7,083.16	18.85	21.42	96.41	1,215.21	979.67	1,779.97	1,741.15	38.82	45.849		
7,400.00	7,089.61	7,400.00	7,218.37	18.89	21.60	95.29	1,243.64	672.19	1,791.73	1,753.10	38.64	46.376		
7,500.00	7,111.10	7,871.40	7,224.47	19.02	21.40	93.69	1,246.42	486.68	1,793.38	1,752.95	40.43	44.356		
7,600.00	7,117.12	7,970.96	7,222.42	19.24	21.96	93.29	1,246.90	387.14	1,794.50	1,753.16	41.33	43.415		
7,700.00	7,114.51	8,070.96	7,220.37	19.62	22.68	93.30	1,247.38	287.17	1,795.42	1,752.97	42.45	42.294		
7,800.00	7,111.88	8,170.95	7,218.32	20.15	23.50	93.32	1,247.87	187.20	1,796.34	1,752.54	43.80	41.013		
7,900.00	7,109.26	8,270.95	7,216.26	20.84	24.41	93.34	1,248.35	87.23	1,797.26	1,751.91	45.36	39.625		
8,000.00	7,106.63	8,370.94	7,214.21	21.65	25.39	93.35	1,248.83	-12.74	1,798.19	1,751.08	47.10	38.175		
8,100.00	7,104.00	8,470.94	7,212.16	22.56	26.43	93.37	1,249.31	-112.72	1,799.11	1,750.09	49.02	36.702		
8,200.00	7,101.37	8,570.93	7,210.10	23.57	27.53	93.39	1,249.80	-212.69	1,800.03	1,748.95	51.08	35.237		
8,300.00	7,098.74	8,670.92	7,208.05	24.65	28.68	93.40	1,250.28	-312.66	1,800.96	1,747.68	53.28	33.803		
8,400.00	7,096.12	8,770.92	7,206.00	25.79	29.87	93.42	1,250.76	-412.63	1,801.88	1,746.29	55.59	32.414		
8,500.00	7,093.49	8,870.91	7,203.94	26.99	31.11	93.44	1,251.25	-512.61	1,802.80	1,744.80	58.00	31.082		
8,600.00	7,090.86	8,970.91	7,201.89	28.24	32.38	93.45	1,251.73	-612.58	1,803.73	1,743.22	60.50	29.812		
8,700.00	7,088.23	9,070.90	7,199.84	29.53	33.69	93.47	1,252.21	-712.55	1,804.65	1,741.57	63.08	28.607		
8,800.00	7,085.60	9,170.90	7,197.78	30.86	35.02	93.49	1,252.69	-812.52	1,805.57	1,739.84	65.73	27.468		
8,900.00	7,082.98	9,270.89	7,195.73	32.22	36.39	93.50	1,253.18	-912.49	1,806.50	1,738.05	68.44	26.394		
9,000.00	7,080.35	9,370.88	7,193.68	33.60	37.77	93.52	1,253.66	-1,012.47	1,807.42	1,736.21	71.21	25.383		
9,100.00	7,077.72	9,470.88	7,191.62	35.02	39.18	93.54	1,254.14	-1,112.44	1,808.34	1,734.33	74.02	24.431		
9,200.00	7,075.09	9,570.87	7,189.57	36.45	40.61	93.55	1,254.63	-1,212.41	1,809.27	1,732.40	76.87	23.536		
9,300.00	7,072.47	9,670.87	7,187.52	37.90	42.05	93.57	1,255.11	-1,312.38	1,810.19	1,730.43	79.76	22.695		
9,400.00	7,069.84	9,770.86	7,185.46	39.37	43.51	93.58	1,255.59	-1,412.35	1,811.12	1,728.43	82.69	21.903		
9,500.00	7,067.21	9,870.86	7,183.41	40.86	44.99	93.60	1,256.08	-1,512.33	1,812.04	1,726.40	85.64	21.158		
9,600.00	7,064.58	9,970.85	7,181.36	42.36	46.47	93.62	1,256.56	-1,612.30	1,812.97	1,724.34	88.63	20.456		
9,700.00	7,061.95	10,070.85	7,179.30	43.87	47.97	93.63	1,257.04	-1,712.27	1,813.89	1,722.26	91.63	19.795		
9,800.00	7,059.33	10,170.84	7,177.25	45.39	49.48	93.65	1,257.52	-1,812.24	1,814.82	1,720.16	94.66	19.171		
9,900.00	7,056.70	10,270.83	7,175.20	46.92	51.00	93.67	1,258.01	-1,912.22	1,815.74	1,718.03	97.71	18.583		
10,000.00	7,054.07	10,370.83	7,173.14	48.47	52.53	93.68	1,258.49	-2,012.19	1,816.67	1,715.89	100.78	18.026		
10,100.00	7,051.44	10,470.82	7,171.09	50.02	54.07	93.70	1,258.97	-2,112.16	1,817.59	1,713.73	103.86	17.500		
10,200.00	7,048.81	10,570.82	7,169.04	51.57	55.61	93.71	1,259.46	-2,212.13	1,818.52	1,711.56	106.96	17.002		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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		
10,300.00	7,046.19	10,670.81	7,166.98	53.14	57.16	93.73	1,259.94	-2,312.10	1,819.45	1,709.37	110.08	16.529		
10,400.00	7,043.56	10,770.81	7,164.93	54.71	58.72	93.75	1,260.42	-2,412.08	1,820.37	1,707.17	113.20	16.081		
10,500.00	7,040.93	10,870.80	7,162.88	56.29	60.28	93.76	1,260.90	-2,512.05	1,821.30	1,704.96	116.34	15.655		
10,600.00	7,038.30	10,970.80	7,160.82	57.87	61.85	93.78	1,261.39	-2,612.02	1,822.22	1,702.74	119.49	15.251		
10,700.00	7,035.67	11,070.79	7,158.77	59.46	63.43	93.80	1,261.87	-2,711.99	1,823.15	1,700.51	122.64	14.865		
10,800.00	7,033.05	11,170.78	7,156.72	61.05	65.01	93.81	1,262.35	-2,811.96	1,824.08	1,698.27	125.81	14.499		
10,900.00	7,030.42	11,270.78	7,154.66	62.64	66.59	93.83	1,262.84	-2,911.94	1,825.00	1,696.02	128.99	14.149		
11,000.00	7,027.79	11,370.77	7,152.61	64.24	68.18	93.84	1,263.32	-3,011.91	1,825.93	1,693.76	132.17	13.815		
11,100.00	7,025.16	11,470.77	7,150.56	65.84	69.77	93.86	1,263.80	-3,111.88	1,826.86	1,691.50	135.36	13.496		
11,200.00	7,022.53	11,570.76	7,148.50	67.45	71.37	93.88	1,264.28	-3,211.85	1,827.79	1,689.23	138.56	13.192		
11,300.00	7,019.91	11,670.76	7,146.45	69.06	72.97	93.89	1,264.77	-3,311.83	1,828.71	1,686.95	141.76	12.900		
11,400.00	7,017.28	11,770.75	7,144.40	70.67	74.57	93.91	1,265.25	-3,411.80	1,829.64	1,684.67	144.97	12.621		
11,500.00	7,014.65	11,870.74	7,142.34	72.29	76.17	93.92	1,265.73	-3,511.77	1,830.57	1,682.39	148.18	12.353		
11,600.00	7,012.02	11,970.74	7,140.29	73.90	77.78	93.94	1,266.22	-3,611.74	1,831.50	1,680.09	151.40	12.097		
11,700.00	7,009.40	12,070.73	7,138.24	75.52	79.39	93.96	1,266.70	-3,711.71	1,832.42	1,677.80	154.63	11.851		
11,800.00	7,006.77	12,170.73	7,136.18	77.15	81.01	93.97	1,267.18	-3,811.69	1,833.35	1,675.50	157.86	11.614		
11,900.00	7,004.14	12,270.72	7,134.13	78.77	82.62	93.99	1,267.66	-3,911.66	1,834.28	1,673.19	161.09	11.387		
12,000.00	7,001.51	12,370.72	7,132.08	80.40	84.24	94.00	1,268.15	-4,011.63	1,835.21	1,670.88	164.33	11.168		
12,100.00	6,998.88	12,470.71	7,130.02	82.02	85.86	94.02	1,268.63	-4,111.60	1,836.14	1,668.57	167.57	10.958		
12,200.00	6,996.26	12,570.71	7,127.97	83.65	87.48	94.04	1,269.11	-4,211.57	1,837.07	1,666.26	170.81	10.755		
12,300.00	6,993.63	12,670.70	7,125.92	85.28	89.10	94.05	1,269.60	-4,311.55	1,838.00	1,663.94	174.06	10.560		
12,400.00	6,991.00	12,770.69	7,123.86	86.92	90.73	94.07	1,270.08	-4,411.52	1,838.92	1,661.62	177.31	10.371		
12,500.00	6,988.37	12,870.69	7,121.81	88.55	92.36	94.08	1,270.56	-4,511.49	1,839.85	1,659.29	180.56	10.190		
12,600.00	6,985.74	12,970.68	7,119.76	90.19	93.98	94.10	1,271.04	-4,611.46	1,840.78	1,656.96	183.82	10.014		
12,700.00	6,983.12	13,070.68	7,117.70	91.82	95.61	94.12	1,271.53	-4,711.44	1,841.71	1,654.63	187.08	9.845		
12,800.00	6,980.49	13,170.67	7,115.65	93.46	97.25	94.13	1,272.01	-4,811.41	1,842.64	1,652.30	190.34	9.681		
12,900.00	6,977.86	13,270.67	7,113.60	95.10	98.88	94.15	1,272.49	-4,911.38	1,843.57	1,649.97	193.60	9.522		
13,000.00	6,975.23	13,370.66	7,111.54	96.74	100.51	94.16	1,272.98	-5,011.35	1,844.50	1,647.63	196.87	9.369		
13,100.00	6,972.60	13,470.65	7,109.49	98.38	102.15	94.18	1,273.46	-5,111.32	1,845.43	1,645.29	200.14	9.221		
13,200.00	6,969.98	13,570.65	7,107.44	100.03	103.79	94.19	1,273.94	-5,211.30	1,846.36	1,642.96	203.41	9.077		
13,300.00	6,967.35	13,670.64	7,105.39	101.67	105.42	94.21	1,274.42	-5,311.27	1,847.29	1,640.61	206.68	8.938		
13,400.00	6,964.72	13,770.64	7,103.33	103.31	107.06	94.23	1,274.91	-5,411.24	1,848.22	1,638.27	209.95	8.803		
13,500.00	6,962.09	13,870.63	7,101.28	104.96	108.70	94.24	1,275.39	-5,511.21	1,849.15	1,635.93	213.23	8.672		
13,600.00	6,959.47	13,970.63	7,099.23	106.60	110.34	94.26	1,275.87	-5,611.18	1,850.08	1,633.58	216.50	8.545		
13,700.00	6,956.84	14,070.62	7,097.17	108.25	111.98	94.27	1,276.36	-5,711.16	1,851.01	1,631.23	219.78	8.422		
13,800.00	6,954.21	14,170.62	7,095.12	109.90	113.63	94.29	1,276.84	-5,811.13	1,851.94	1,628.88	223.06	8.302		
13,900.00	6,951.58	14,270.61	7,093.07	111.55	115.27	94.30	1,277.32	-5,911.10	1,852.88	1,626.53	226.34	8.186		
14,000.00	6,948.95	14,370.60	7,091.01	113.20	116.91	94.32	1,277.80	-6,011.07	1,853.81	1,624.18	229.63	8.073		
14,100.00	6,946.33	14,470.60	7,088.96	114.84	118.56	94.34	1,278.29	-6,111.05	1,854.74	1,621.83	232.91	7.963		
14,200.00	6,943.70	14,570.59	7,086.91	116.50	120.21	94.35	1,278.77	-6,211.02	1,855.67	1,619.47	236.19	7.857		
14,300.00	6,941.07	14,670.59	7,084.85	118.15	121.85	94.37	1,279.25	-6,310.99	1,856.60	1,617.12	239.48	7.753		
14,400.00	6,938.44	14,770.58	7,082.80	119.80	123.50	94.38	1,279.74	-6,410.96	1,857.53	1,614.76	242.77	7.651		
14,500.00	6,935.81	14,870.58	7,080.75	121.45	125.15	94.40	1,280.22	-6,510.93	1,858.46	1,612.41	246.06	7.553		
14,600.00	6,933.19	14,970.57	7,078.69	123.10	126.80	94.41	1,280.70	-6,610.91	1,859.40	1,610.05	249.35	7.457		
14,700.00	6,930.56	15,070.56	7,076.64	124.75	128.45	94.43	1,281.18	-6,710.88	1,860.33	1,607.69	252.64	7.364		
14,800.00	6,927.93	15,170.56	7,074.59	126.41	130.10	94.45	1,281.67	-6,810.85	1,861.26	1,605.33	255.93	7.273		
14,900.00	6,925.30	15,270.55	7,072.53	128.06	131.75	94.46	1,282.15	-6,910.82	1,862.19	1,602.97	259.22	7.184		
15,000.00	6,922.67	15,370.55	7,070.48	129.72	133.40	94.48	1,282.63	-7,010.79	1,863.13	1,600.61	262.51	7.097		
15,100.00	6,920.05	15,470.54	7,068.43	131.37	135.05	94.49	1,283.12	-7,110.77	1,864.06	1,598.25	265.81	7.013		
15,200.00	6,917.42	15,570.54	7,066.37	133.03	136.70	94.51	1,283.60	-7,210.74	1,864.99	1,595.89	269.10	6.930		
15,300.00	6,914.79	15,670.53	7,064.32	134.68	138.35	94.52	1,284.08	-7,310.71	1,865.92	1,593.53	272.40	6.850		
15,392.03	6,912.37	15,762.56	7,062.43	136.21	139.87	94.54	1,284.53	-7,402.72	1,866.78	1,591.35	275.43	6.778 SF		

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	90.42	-1.46	199.90	199.90				
100.00	100.00	101.00	101.00	3.28	3.28	90.42	-1.46	199.90	199.90	192.37	7.53	26.551	
200.00	200.00	201.00	201.00	3.31	3.31	90.42	-1.46	199.90	199.90	192.33	7.57	26.393	
300.00	299.98	297.67	297.66	3.35	3.35	-95.19	-0.76	200.50	198.95	191.30	7.66	25.982	
400.00	399.84	393.10	393.00	3.41	3.41	-26.71	2.26	203.14	197.05	189.28	7.78	25.343	
500.00	499.45	488.10	487.73	3.50	3.50	-29.37	7.64	207.84	194.58	186.65	7.93	24.530	
600.00	598.70	582.44	581.52	3.61	3.61	-33.21	15.32	214.54	192.12	183.99	8.13	23.632	
700.00	697.47	675.91	674.05	3.77	3.73	-38.21	25.22	223.19	190.51	182.14	8.37	22.763	
722.94	720.06	697.22	695.08	3.81	3.77	-39.51	27.80	225.43	190.42	181.98	8.43	22.584 CC, ES	
800.00	795.75	768.37	765.12	3.97	3.89	-44.16	37.25	233.69	191.29	182.63	8.66	22.094	
900.00	893.97	859.98	854.79	4.20	4.08	-50.33	51.34	245.99	197.16	188.16	8.99	21.921	
1,000.00	992.20	950.60	942.86	4.45	4.31	-56.27	67.40	260.01	208.52	199.15	9.37	22.245	
1,100.00	1,090.43	1,044.75	1,033.81	4.73	4.58	-61.91	85.76	276.03	224.56	214.73	9.83	22.835	
1,200.00	1,188.66	1,140.93	1,126.67	5.02	4.89	-66.90	104.62	292.50	242.77	232.42	10.35	23.452	
1,300.00	1,286.89	1,237.11	1,219.53	5.34	5.22	-71.19	123.48	308.97	262.57	251.67	10.90	24.080	
1,400.00	1,385.12	1,333.29	1,312.40	5.66	5.57	-74.89	142.35	325.43	283.64	272.15	11.49	24.695	
1,500.00	1,483.35	1,429.47	1,405.26	6.00	5.94	-78.08	161.21	341.90	305.70	293.62	12.09	25.293	
1,600.00	1,581.57	1,525.65	1,498.12	6.34	6.32	-80.84	180.07	358.36	328.57	315.86	12.71	25.845	
1,700.00	1,679.80	1,621.83	1,590.99	6.69	6.71	-83.24	198.94	374.83	352.08	338.72	13.36	26.359	
1,800.00	1,778.03	1,718.01	1,683.85	7.05	7.11	-85.35	217.80	391.30	376.12	362.10	14.02	26.835	
1,900.00	1,876.26	1,814.19	1,776.71	7.25	7.49	-87.21	236.66	407.76	400.58	386.28	14.30	28.018	
2,000.00	1,974.49	1,910.37	1,869.58	7.29	7.70	-88.85	255.52	424.23	425.40	411.06	14.33	29.679	
2,100.00	2,072.72	2,006.55	1,962.44	7.35	7.76	-90.31	274.39	440.70	450.51	436.07	14.44	31.201	
2,200.00	2,170.95	2,102.73	2,055.30	7.43	7.84	-91.62	293.25	457.16	475.88	461.30	14.58	32.642	
2,300.00	2,269.18	2,198.91	2,148.17	7.52	7.94	-92.80	312.11	473.63	501.45	486.70	14.75	33.994	
2,400.00	2,367.40	2,304.91	2,241.03	7.63	8.07	-93.87	330.98	490.10	527.21	512.25	14.97	35.229	
2,500.00	2,465.63	2,408.74	2,333.89	7.76	8.22	-94.83	349.84	506.56	553.12	537.91	15.21	36.363	
2,600.00	2,563.86	2,487.44	2,426.76	7.90	8.34	-95.71	368.70	523.03	579.17	563.72	15.46	37.472	
2,700.00	2,662.09	2,583.62	2,519.62	8.05	8.50	-96.52	387.56	539.50	605.34	589.59	15.75	38.438	
2,800.00	2,760.32	2,679.80	2,612.48	8.21	8.68	-97.26	406.43	555.96	631.60	615.54	16.07	39.311	
2,900.00	2,858.55	2,775.98	2,705.34	8.39	8.87	-97.94	425.29	572.43	657.96	641.55	16.41	40.095	
3,000.00	2,956.78	2,872.16	2,798.21	8.58	9.07	-98.56	444.15	588.90	684.40	667.62	16.78	40.796	
3,100.00	3,055.01	2,968.34	2,891.07	8.78	9.29	-99.14	463.02	605.36	710.91	693.74	17.16	41.418	
3,200.00	3,153.23	3,064.52	2,983.93	8.99	9.51	-99.68	481.88	621.83	737.48	719.91	17.57	41.969	
3,300.00	3,251.46	3,160.70	3,076.80	9.21	9.74	-100.19	500.74	638.29	764.11	746.11	18.00	42.453	
3,400.00	3,349.69	3,256.88	3,169.66	9.43	9.99	-100.65	519.60	654.76	790.79	772.35	18.44	42.877	
3,500.00	3,447.92	3,353.06	3,262.52	9.67	10.24	-101.09	538.47	671.23	817.52	798.61	18.90	43.247	
3,600.00	3,546.15	3,449.24	3,355.39	9.91	10.50	-101.50	557.33	687.69	844.28	824.91	19.38	43.567	
3,700.00	3,644.38	3,545.42	3,448.25	10.16	10.77	-101.89	576.19	704.16	871.09	851.22	19.87	43.843	
3,800.00	3,742.61	3,641.60	3,541.11	10.41	11.04	-102.25	595.06	720.63	897.93	877.56	20.37	44.080	
3,900.00	3,840.84	3,737.78	3,633.98	10.68	11.32	-102.59	613.92	737.09	924.80	903.92	20.88	44.281	
4,000.00	3,939.06	3,833.96	3,726.84	10.94	11.61	-102.91	632.78	753.56	951.70	930.29	21.41	44.451	
4,100.00	4,037.29	3,930.14	3,819.70	11.21	11.90	-103.22	651.64	770.03	978.63	956.68	21.95	44.593	
4,200.00	4,135.52	4,026.32	3,912.57	11.49	12.20	-103.50	670.51	786.49	1,005.58	983.09	22.49	44.710	
4,300.00	4,233.75	4,122.50	4,005.43	11.77	12.50	-103.78	689.37	802.96	1,032.55	1,009.51	23.05	44.806	
4,400.00	4,331.98	4,218.68	4,098.29	12.06	12.81	-104.04	708.23	819.43	1,059.55	1,035.94	23.61	44.882	
4,500.00	4,430.21	4,314.86	4,191.16	12.35	13.12	-104.28	727.10	835.89	1,086.56	1,062.38	24.18	44.941	
4,600.00	4,528.44	4,411.04	4,284.02	12.64	13.44	-104.52	745.96	852.36	1,113.59	1,088.84	24.75	44.985	
4,700.00	4,626.67	4,507.22	4,376.88	12.93	13.75	-104.74	764.82	868.83	1,140.64	1,115.30	25.34	45.016	
4,800.00	4,724.89	4,603.40	4,469.75	13.23	14.07	-104.95	783.68	885.29	1,167.70	1,141.77	25.93	45.036	
4,900.00	4,823.12	4,699.58	4,562.61	13.54	14.40	-105.16	802.55	901.76	1,194.78	1,168.26	26.52	45.045	
5,000.00	4,921.35	4,795.76	4,655.47	13.84	14.73	-105.35	821.41	918.22	1,221.87	1,194.75	27.13	45.045	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	4,908.06	4,748.33	14.15	15.11	-105.54	840.27	934.69	1,248.97	1,221.19	27.78	44.953	
5,200.00	5,117.81	4,988.12	4,841.20	14.46	15.39	-105.71	859.14	951.16	1,276.09	1,247.75	28.34	45.023	
5,300.00	5,216.04	5,084.29	4,934.06	14.77	15.72	-105.89	878.00	967.62	1,303.21	1,274.26	28.96	45.002	
5,400.00	5,314.27	5,180.47	5,026.92	15.08	16.06	-106.05	896.86	984.09	1,330.35	1,300.77	29.58	44.977	
5,500.00	5,412.50	5,276.65	5,119.79	15.40	16.40	-106.21	915.72	1,000.56	1,357.50	1,327.29	30.20	44.947	
5,600.00	5,510.72	5,372.83	5,212.65	15.71	16.74	-106.36	934.59	1,017.02	1,384.65	1,353.82	30.83	44.913	
5,700.00	5,608.95	5,469.01	5,305.51	16.03	17.08	-106.50	953.45	1,033.49	1,411.81	1,380.35	31.46	44.876	
5,800.00	5,707.18	5,565.19	5,398.38	16.35	17.43	-106.64	972.31	1,049.96	1,438.98	1,406.89	32.09	44.836	
5,900.00	5,805.41	5,661.37	5,491.24	16.68	17.77	-106.78	991.18	1,066.42	1,466.16	1,433.43	32.73	44.793	
6,000.00	5,903.64	5,757.55	5,584.10	17.00	18.12	-106.91	1,010.04	1,082.89	1,493.35	1,459.98	33.37	44.748	
6,100.00	6,001.87	5,853.73	5,676.97	17.33	18.47	-107.03	1,028.90	1,099.36	1,520.54	1,486.53	34.02	44.702	
6,200.00	6,100.10	5,949.91	5,769.83	17.65	18.82	-107.15	1,047.76	1,115.82	1,547.74	1,513.08	34.66	44.654	
6,300.00	6,198.33	6,046.09	5,862.69	17.98	19.17	-107.27	1,066.63	1,132.29	1,574.95	1,539.64	35.31	44.605	
6,400.00	6,296.55	6,142.27	5,955.56	18.31	19.53	-107.38	1,085.49	1,148.76	1,602.16	1,566.20	35.96	44.555	
6,500.00	6,394.83	6,238.44	6,048.41	18.63	19.88	-112.73	1,104.35	1,165.22	1,629.42	1,592.82	36.60	44.516	
6,600.00	6,494.21	6,333.84	6,140.52	18.81	20.23	173.21	1,123.06	1,181.55	1,658.01	1,620.90	37.12	44.669	
6,700.00	6,593.31	6,427.05	6,230.52	18.92	20.58	118.84	1,141.34	1,197.51	1,688.24	1,650.70	37.54	44.969	
6,800.00	6,689.68	6,558.14	6,358.49	18.97	20.94	106.18	1,167.36	1,205.96	1,718.79	1,680.82	37.97	45.268	
6,900.00	6,780.96	6,701.23	6,496.81	18.98	21.19	100.40	1,195.54	1,184.54	1,747.83	1,709.56	38.26	45.678	
7,000.00	6,864.89	6,856.27	6,637.26	18.95	21.32	96.65	1,224.23	1,126.48	1,774.24	1,735.81	38.44	46.161	
7,100.00	6,939.42	7,020.94	6,766.69	18.90	21.31	93.71	1,250.74	1,028.96	1,796.97	1,758.43	38.54	46.621	
7,200.00	7,002.70	7,190.18	6,869.67	18.86	21.19	91.13	1,271.93	896.97	1,815.16	1,776.44	38.72	46.876	
7,300.00	7,053.18	7,357.22	6,934.46	18.85	21.01	88.77	1,285.39	744.12	1,828.32	1,789.21	39.11	46.743	
7,400.00	7,089.61	7,515.83	6,957.99	18.89	20.89	86.64	1,290.47	587.76	1,836.40	1,796.63	39.77	46.177	
7,500.00	7,111.10	7,625.72	6,956.01	19.02	21.09	85.31	1,290.26	477.90	1,840.39	1,799.86	40.53	45.412	
7,600.00	7,117.12	7,725.24	6,953.36	19.24	21.64	84.87	1,289.91	378.42	1,841.90	1,800.45	41.45	44.434	
7,700.00	7,114.51	7,825.24	6,950.69	19.62	22.37	84.86	1,289.55	278.46	1,841.96	1,799.35	42.60	43.236	
7,800.00	7,111.88	7,925.24	6,948.03	20.15	23.21	84.86	1,289.19	178.49	1,842.01	1,798.03	43.98	41.883	
7,900.00	7,109.26	8,025.24	6,945.36	20.84	24.13	84.86	1,288.83	78.53	1,842.06	1,796.50	45.56	40.428	
8,000.00	7,106.63	8,125.24	6,942.70	21.65	25.12	84.86	1,288.47	-21.43	1,842.11	1,794.78	47.34	38.916	
8,100.00	7,104.00	8,225.24	6,940.03	22.56	26.18	84.86	1,288.11	-121.40	1,842.16	1,792.89	49.27	37.387	
8,200.00	7,101.37	8,325.24	6,937.37	23.57	27.29	84.86	1,287.75	-221.36	1,842.22	1,790.86	51.36	35.871	
8,300.00	7,098.74	8,425.24	6,934.70	24.65	28.45	84.86	1,287.40	-321.33	1,842.27	1,788.70	53.57	34.390	
8,400.00	7,096.12	8,525.24	6,932.04	25.79	29.66	84.86	1,287.04	-421.29	1,842.32	1,786.42	55.90	32.959	
8,500.00	7,093.49	8,625.24	6,929.37	26.99	30.91	84.86	1,286.68	-521.25	1,842.37	1,784.05	58.33	31.588	
8,600.00	7,090.86	8,725.24	6,926.71	28.24	32.19	84.85	1,286.32	-621.22	1,842.42	1,781.58	60.84	30.283	
8,700.00	7,088.23	8,825.24	6,924.04	29.53	33.51	84.85	1,285.96	-721.18	1,842.48	1,779.04	63.43	29.046	
8,800.00	7,085.60	8,925.24	6,921.38	30.86	34.85	84.85	1,285.60	-821.14	1,842.53	1,776.44	66.09	27.878	
8,900.00	7,082.98	9,025.24	6,918.72	32.22	36.22	84.85	1,285.24	-921.11	1,842.58	1,773.77	68.81	26.777	
9,000.00	7,080.35	9,125.24	6,916.05	33.60	37.62	84.85	1,284.89	-1,021.07	1,842.63	1,771.05	71.59	25.740	
9,100.00	7,077.72	9,225.24	6,913.39	35.02	39.03	84.85	1,284.53	-1,121.04	1,842.68	1,768.28	74.40	24.766	
9,200.00	7,075.09	9,325.24	6,910.72	36.45	40.46	84.85	1,284.17	-1,221.00	1,842.74	1,765.47	77.27	23.849	
9,300.00	7,072.47	9,425.24	6,908.06	37.90	41.91	84.85	1,283.81	-1,320.96	1,842.79	1,762.62	80.16	22.988	
9,400.00	7,069.84	9,525.24	6,905.39	39.37	43.38	84.85	1,283.45	-1,420.93	1,842.84	1,759.74	83.10	22.177	
9,500.00	7,067.21	9,625.24	6,902.73	40.86	44.86	84.85	1,283.09	-1,520.89	1,842.89	1,756.83	86.06	21.415	
9,600.00	7,064.58	9,725.24	6,900.06	42.36	46.35	84.84	1,282.73	-1,620.85	1,842.94	1,753.90	89.05	20.697	
9,700.00	7,061.95	9,825.24	6,897.40	43.87	47.85	84.84	1,282.37	-1,720.82	1,843.00	1,750.94	92.06	20.020	
9,800.00	7,059.33	9,925.24	6,894.73	45.39	49.36	84.84	1,282.02	-1,820.78	1,843.05	1,747.95	95.09	19.382	
9,900.00	7,056.70	10,025.24	6,892.07	46.92	50.89	84.84	1,281.66	-1,920.75	1,843.10	1,744.95	98.15	18.779	
10,000.00	7,054.07	10,125.24	6,889.41	48.47	52.42	84.84	1,281.30	-2,020.71	1,843.15	1,741.93	101.22	18.210	
10,100.00	7,051.44	10,225.24	6,886.74	50.02	53.96	84.84	1,280.94	-2,120.67	1,843.20	1,738.90	104.31	17.671	
10,200.00	7,048.81	10,325.24	6,884.08	51.57	55.51	84.84	1,280.58	-2,220.64	1,843.26	1,735.85	107.41	17.161	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,046.19	10,425.24	6,881.41	53.14	57.06	84.84	1,280.22	-2,320.60	1,843.31	1,732.78	110.53	16.677	
10,400.00	7,043.56	10,525.24	6,878.75	54.71	58.62	84.84	1,279.86	-2,420.57	1,843.36	1,729.70	113.66	16.219	
10,500.00	7,040.93	10,625.24	6,876.08	56.29	60.19	84.84	1,279.50	-2,520.53	1,843.41	1,726.61	116.80	15.783	
10,600.00	7,038.30	10,725.24	6,873.42	57.87	61.76	84.83	1,279.15	-2,620.49	1,843.46	1,723.51	119.95	15.369	
10,700.00	7,035.67	10,825.24	6,870.75	59.46	63.33	84.83	1,278.79	-2,720.46	1,843.52	1,720.40	123.11	14.974	
10,800.00	7,033.05	10,925.24	6,868.09	61.05	64.92	84.83	1,278.43	-2,820.42	1,843.57	1,717.29	126.28	14.599	
10,900.00	7,030.42	11,025.24	6,865.42	62.64	66.50	84.83	1,278.07	-2,920.38	1,843.62	1,714.16	129.46	14.241	
11,000.00	7,027.79	11,125.24	6,862.76	64.24	68.09	84.83	1,277.71	-3,020.35	1,843.67	1,711.02	132.65	13.899	
11,100.00	7,025.16	11,225.24	6,860.10	65.84	69.68	84.83	1,277.35	-3,120.31	1,843.72	1,707.88	135.84	13.573	
11,200.00	7,022.53	11,325.24	6,857.43	67.45	71.28	84.83	1,276.99	-3,220.28	1,843.77	1,704.73	139.04	13.261	
11,300.00	7,019.91	11,425.24	6,854.77	69.06	72.88	84.83	1,276.64	-3,320.24	1,843.83	1,701.58	142.25	12.962	
11,400.00	7,017.28	11,525.24	6,852.10	70.67	74.48	84.83	1,276.28	-3,420.20	1,843.88	1,698.42	145.46	12.676	
11,500.00	7,014.65	11,625.24	6,849.44	72.29	76.09	84.83	1,275.92	-3,520.17	1,843.93	1,695.25	148.68	12.402	
11,600.00	7,012.02	11,725.24	6,846.77	73.90	77.70	84.82	1,275.56	-3,620.13	1,843.98	1,692.08	151.90	12.139	
11,700.00	7,009.40	11,825.24	6,844.11	75.52	79.31	84.82	1,275.20	-3,720.10	1,844.03	1,688.91	155.13	11.887	
11,800.00	7,006.77	11,925.24	6,841.44	77.15	80.92	84.82	1,274.84	-3,820.06	1,844.09	1,685.72	158.36	11.645	
11,900.00	7,004.14	12,025.24	6,838.78	78.77	82.54	84.82	1,274.48	-3,920.02	1,844.14	1,682.54	161.60	11.412	
12,000.00	7,001.51	12,125.24	6,836.11	80.40	84.16	84.82	1,274.12	-4,019.99	1,844.19	1,679.35	164.84	11.188	
12,100.00	6,998.88	12,225.24	6,833.45	82.02	85.78	84.82	1,273.77	-4,119.95	1,844.24	1,676.16	168.08	10.972	
12,200.00	6,996.26	12,325.24	6,830.79	83.65	87.40	84.82	1,273.41	-4,219.91	1,844.29	1,672.96	171.33	10.764	
12,300.00	6,993.63	12,425.24	6,828.12	85.28	89.02	84.82	1,273.05	-4,319.88	1,844.35	1,669.76	174.58	10.564	
12,400.00	6,991.00	12,525.24	6,825.46	86.92	90.65	84.82	1,272.69	-4,419.84	1,844.40	1,666.56	177.84	10.371	
12,500.00	6,988.37	12,625.24	6,822.79	88.55	92.28	84.82	1,272.33	-4,519.81	1,844.45	1,663.36	181.09	10.185	
12,600.00	6,985.74	12,725.24	6,820.13	90.19	93.90	84.81	1,271.97	-4,619.77	1,844.50	1,660.15	184.36	10.005	
12,700.00	6,983.12	12,825.24	6,817.46	91.82	95.53	84.81	1,271.61	-4,719.73	1,844.55	1,656.94	187.62	9.831	
12,800.00	6,980.49	12,925.24	6,814.80	93.46	97.17	84.81	1,271.25	-4,819.70	1,844.61	1,653.72	190.88	9.664	
12,900.00	6,977.86	13,025.24	6,812.13	95.10	98.80	84.81	1,270.90	-4,919.66	1,844.66	1,650.51	194.15	9.501	
13,000.00	6,975.23	13,125.24	6,809.47	96.74	100.43	84.81	1,270.54	-5,019.63	1,844.71	1,647.29	197.42	9.344	
13,100.00	6,972.60	13,225.24	6,806.80	98.38	102.07	84.81	1,270.18	-5,119.59	1,844.76	1,644.07	200.69	9.192	
13,200.00	6,969.98	13,325.24	6,804.14	100.03	103.70	84.81	1,269.82	-5,219.55	1,844.81	1,640.85	203.97	9.045	
13,300.00	6,967.35	13,425.24	6,801.48	101.67	105.34	84.81	1,269.46	-5,319.52	1,844.87	1,637.62	207.24	8.902	
13,400.00	6,964.72	13,525.24	6,798.81	103.31	106.98	84.81	1,269.10	-5,419.48	1,844.92	1,634.39	210.52	8.763	
13,500.00	6,962.09	13,625.24	6,796.15	104.96	108.62	84.81	1,268.74	-5,519.44	1,844.97	1,631.17	213.80	8.629	
13,600.00	6,959.47	13,725.24	6,793.48	106.60	110.26	84.80	1,268.39	-5,619.41	1,845.02	1,627.94	217.09	8.499	
13,700.00	6,956.84	13,825.24	6,790.82	108.25	111.90	84.80	1,268.03	-5,719.37	1,845.07	1,624.71	220.37	8.373	
13,800.00	6,954.21	13,925.24	6,788.15	109.90	113.55	84.80	1,267.67	-5,819.34	1,845.13	1,621.47	223.65	8.250	
13,900.00	6,951.58	14,025.24	6,785.49	111.55	115.19	84.80	1,267.31	-5,919.30	1,845.18	1,618.24	226.94	8.131	
14,000.00	6,948.95	14,125.24	6,782.82	113.20	116.83	84.80	1,266.95	-6,019.26	1,845.23	1,615.00	230.23	8.015	
14,100.00	6,946.33	14,225.24	6,780.16	114.84	118.48	84.80	1,266.59	-6,119.23	1,845.28	1,611.76	233.52	7.902	
14,200.00	6,943.70	14,325.24	6,777.49	116.50	120.12	84.80	1,266.23	-6,219.19	1,845.33	1,608.53	236.81	7.793	
14,300.00	6,941.07	14,425.24	6,774.83	118.15	121.77	84.80	1,265.87	-6,319.16	1,845.39	1,605.29	240.10	7.686	
14,400.00	6,938.44	14,525.24	6,772.17	119.80	123.42	84.80	1,265.52	-6,419.12	1,845.44	1,602.05	243.39	7.582	
14,500.00	6,935.81	14,625.24	6,769.50	121.45	125.06	84.80	1,265.16	-6,519.08	1,845.49	1,598.80	246.69	7.481	
14,600.00	6,933.19	14,725.24	6,766.84	123.10	126.71	84.79	1,264.80	-6,619.05	1,845.54	1,595.56	249.98	7.383	
14,700.00	6,930.56	14,825.24	6,764.17	124.75	128.36	84.79	1,264.44	-6,719.01	1,845.59	1,592.32	253.28	7.287	
14,800.00	6,927.93	14,925.24	6,761.51	126.41	130.01	84.79	1,264.08	-6,818.97	1,845.65	1,589.07	256.58	7.193	
14,900.00	6,925.30	15,025.24	6,758.84	128.06	131.66	84.79	1,263.72	-6,918.94	1,845.70	1,585.82	259.87	7.102	
15,000.00	6,922.67	15,125.24	6,756.18	129.72	133.31	84.79	1,263.36	-7,018.90	1,845.75	1,582.58	263.17	7.013	
15,100.00	6,920.05	15,225.24	6,753.51	131.37	134.96	84.79	1,263.00	-7,118.87	1,845.80	1,579.33	266.47	6.927	
15,200.00	6,917.42	15,325.24	6,750.85	133.03	136.61	84.79	1,262.65	-7,218.83	1,845.85	1,576.08	269.77	6.842	
15,300.00	6,914.79	15,425.24	6,748.18	134.68	138.26	84.79	1,262.29	-7,318.79	1,845.91	1,572.83	273.08	6.760	
15,392.03	6,912.37	15,517.27	6,745.73	136.21	139.78	84.79	1,261.96	-7,410.79	1,845.95	1,569.84	276.12	6.685 SF	

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	90.43	-1.82	239.99	240.00					
100.00	100.00	102.00	102.00	3.28	3.28	90.43	-1.82	239.99	240.00	232.47	7.53	31.876		
200.00	200.00	202.00	202.00	3.31	3.31	90.43	-1.82	239.99	240.00	232.42	7.57	31.684		
300.00	299.98	297.08	297.07	3.35	3.35	-25.25	-0.51	240.98	239.45	231.80	7.66	31.274		
400.00	399.84	392.01	391.86	3.41	3.41	-26.69	3.30	243.88	237.86	230.08	7.77	30.594		
500.00	499.45	486.41	485.94	3.50	3.50	-29.11	9.57	248.64	235.51	227.58	7.93	29.690		
600.00	598.70	580.06	578.95	3.61	3.61	-32.51	18.23	255.21	232.96	224.83	8.13	28.650		
700.00	697.47	672.71	670.57	3.77	3.74	-36.88	29.17	263.52	230.97	222.60	8.37	27.581		
741.61	738.43	710.95	708.25	3.85	3.80	-38.94	34.38	267.46	230.67	222.18	8.49	27.172 CC, ES		
800.00	795.75	764.24	760.60	3.97	3.90	-42.06	42.30	273.48	230.99	222.32	8.66	26.660		
900.00	893.97	854.81	849.13	4.20	4.09	-47.53	57.53	285.04	235.76	226.76	9.00	26.195		
1,000.00	992.20	944.30	935.96	4.45	4.32	-52.95	74.76	298.12	245.81	236.43	9.38	26.212		
1,100.00	1,090.43	1,037.14	1,025.43	4.73	4.59	-58.29	94.48	313.08	260.67	250.84	9.83	26.521		
1,200.00	1,188.66	1,132.80	1,117.57	5.02	4.91	-63.21	114.97	328.63	277.99	267.65	10.34	26.884		
1,300.00	1,286.89	1,228.45	1,209.70	5.34	5.25	-67.55	135.46	344.19	297.18	286.29	10.89	27.299		
1,400.00	1,385.12	1,324.11	1,301.83	5.66	5.60	-71.38	155.95	359.74	317.87	306.42	11.46	27.743		
1,500.00	1,483.35	1,419.77	1,393.97	6.00	5.98	-74.74	176.44	375.29	339.82	327.76	12.05	28.194		
1,600.00	1,581.57	1,515.43	1,486.10	6.34	6.36	-77.70	196.93	390.85	362.77	350.10	12.67	28.631		
1,700.00	1,679.80	1,611.08	1,578.24	6.69	6.76	-80.31	217.42	406.40	386.57	373.26	13.31	29.052		
1,800.00	1,778.03	1,706.74	1,670.37	7.05	7.16	-82.62	237.91	421.95	411.05	397.09	13.96	29.452		
1,900.00	1,876.26	1,802.40	1,762.50	7.25	7.57	-84.68	258.40	437.50	436.11	421.85	14.25	30.601		
2,000.00	1,974.49	1,901.94	1,854.64	7.29	7.81	-86.52	278.89	453.06	461.64	447.35	14.30	32.292		
2,100.00	2,072.72	2,006.28	1,946.77	7.35	7.88	-88.16	299.38	468.61	487.59	473.19	14.40	33.862		
2,200.00	2,170.95	2,089.37	2,038.91	7.43	7.95	-89.64	319.87	484.16	513.87	499.34	14.53	35.367		
2,300.00	2,269.18	2,185.03	2,131.04	7.52	8.05	-90.98	340.36	499.71	540.45	525.75	14.70	36.772		
2,400.00	2,367.40	2,280.69	2,223.17	7.63	8.17	-92.20	360.85	515.27	567.28	552.39	14.90	38.079		
2,500.00	2,465.63	2,376.35	2,315.31	7.76	8.30	-93.30	381.34	530.82	594.33	579.21	15.13	39.285		
2,600.00	2,563.86	2,472.01	2,407.44	7.90	8.45	-94.31	401.83	546.37	621.57	606.18	15.39	40.389		
2,700.00	2,662.09	2,567.66	2,499.58	8.05	8.62	-95.24	422.32	561.93	648.98	633.30	15.68	41.394		
2,800.00	2,760.32	2,663.32	2,591.71	8.21	8.80	-96.09	442.81	577.48	676.53	660.54	15.99	42.301		
2,900.00	2,858.55	2,758.98	2,683.84	8.39	8.99	-96.88	463.30	593.03	704.21	687.88	16.33	43.114		
3,000.00	2,956.78	2,854.64	2,775.98	8.58	9.19	-97.60	483.79	608.58	732.00	715.31	16.70	43.841		
3,100.00	3,055.01	2,950.29	2,868.11	8.78	9.41	-98.28	504.28	624.14	759.90	742.82	17.08	44.485		
3,200.00	3,153.23	3,045.95	2,960.25	8.99	9.63	-98.90	524.78	639.69	787.89	770.40	17.49	45.053		
3,300.00	3,251.46	3,141.61	3,052.38	9.21	9.87	-99.48	545.27	655.24	815.95	798.04	17.91	45.552		
3,400.00	3,349.69	3,237.27	3,144.51	9.43	10.11	-100.03	565.76	670.79	844.09	825.74	18.35	45.988		
3,500.00	3,447.92	3,332.93	3,236.65	9.67	10.37	-100.54	586.25	686.35	872.30	853.49	18.81	46.366		
3,600.00	3,546.15	3,428.58	3,328.78	9.91	10.63	-101.02	606.74	701.90	900.57	881.28	19.29	46.693		
3,700.00	3,644.38	3,524.24	3,420.92	10.16	10.90	-101.47	627.23	717.45	928.89	909.11	19.77	46.974		
3,800.00	3,742.61	3,619.90	3,513.05	10.41	11.18	-101.89	647.72	733.00	957.26	936.98	20.28	47.213		
3,900.00	3,840.84	3,715.56	3,605.19	10.68	11.46	-102.29	668.21	748.56	985.67	964.88	20.79	47.415		
4,000.00	3,939.06	3,811.22	3,697.32	10.94	11.75	-102.66	688.70	764.11	1,014.13	992.82	21.31	47.584		
4,100.00	4,037.29	3,906.87	3,789.45	11.21	12.04	-103.02	709.19	779.66	1,042.63	1,020.78	21.85	47.725		
4,200.00	4,135.52	4,002.53	3,881.59	11.49	12.34	-103.36	729.68	795.22	1,071.16	1,048.77	22.39	47.840		
4,300.00	4,233.75	4,101.81	3,973.72	11.77	12.66	-103.67	750.17	810.77	1,099.72	1,076.77	22.95	47.909		
4,400.00	4,331.98	4,206.15	4,065.86	12.06	13.00	-103.98	770.66	826.32	1,128.31	1,104.77	23.54	47.928		
4,500.00	4,430.21	4,289.50	4,157.99	12.35	13.27	-104.27	791.15	841.87	1,156.93	1,132.86	24.07	48.057		
4,600.00	4,528.44	4,385.16	4,250.12	12.64	13.59	-104.54	811.64	857.43	1,185.58	1,160.93	24.65	48.096		
4,700.00	4,626.67	4,480.82	4,342.26	12.93	13.91	-104.80	832.13	872.98	1,214.25	1,189.02	25.23	48.121		
4,800.00	4,724.89	4,576.48	4,434.39	13.23	14.23	-105.05	852.62	888.53	1,242.94	1,217.12	25.82	48.134		
4,900.00	4,823.12	4,672.14	4,526.53	13.54	14.56	-105.29	873.11	904.08	1,271.65	1,245.24	26.42	48.137		
5,000.00	4,921.35	4,767.79	4,618.66	13.84	14.89	-105.52	893.60	919.64	1,300.39	1,273.37	27.02	48.130		

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	4,863.45	4,710.79	14.15	15.22	-105.74	914.09	935.19	1,329.14	1,301.51	27.62	48.116		
5,200.00	5,117.81	4,959.11	4,802.93	14.46	15.56	-105.94	934.58	950.74	1,357.90	1,329.67	28.23	48.095		
5,300.00	5,216.04	5,054.77	4,895.06	14.77	15.89	-106.14	955.07	966.30	1,386.69	1,357.84	28.85	48.068		
5,400.00	5,314.27	5,150.43	4,987.20	15.08	16.23	-106.34	975.56	981.85	1,415.49	1,386.02	29.47	48.035		
5,500.00	5,412.50	5,246.08	5,079.33	15.40	16.58	-106.52	996.05	997.40	1,444.30	1,414.21	30.09	47.998		
5,600.00	5,510.72	5,341.74	5,171.46	15.71	16.92	-106.70	1,016.54	1,012.95	1,473.12	1,442.41	30.72	47.958		
5,700.00	5,608.95	5,437.40	5,263.60	16.03	17.27	-106.87	1,037.03	1,028.51	1,501.96	1,470.61	31.35	47.913		
5,800.00	5,707.18	5,533.06	5,355.73	16.35	17.61	-107.03	1,057.52	1,044.06	1,530.81	1,498.83	31.98	47.866		
5,900.00	5,805.41	5,628.71	5,447.87	16.68	17.96	-107.19	1,078.01	1,059.61	1,559.67	1,527.05	32.62	47.817		
6,000.00	5,903.64	5,724.37	5,540.00	17.00	18.31	-107.34	1,098.50	1,075.16	1,588.54	1,555.28	33.26	47.766		
6,100.00	6,001.87	5,820.03	5,632.13	17.33	18.67	-107.49	1,118.99	1,090.72	1,617.42	1,583.52	33.90	47.712		
6,200.00	6,100.10	5,915.69	5,724.27	17.65	19.02	-107.63	1,139.48	1,106.27	1,646.31	1,611.77	34.54	47.658		
6,300.00	6,198.33	6,011.35	5,816.40	17.98	19.38	-107.77	1,159.98	1,121.82	1,675.21	1,640.02	35.19	47.602		
6,400.00	6,296.55	6,107.00	5,908.54	18.31	19.73	-107.90	1,180.47	1,137.37	1,704.12	1,668.28	35.84	47.545		
6,500.00	6,394.83	6,202.66	6,000.67	18.63	20.09	-113.30	1,200.95	1,152.93	1,733.08	1,696.59	36.49	47.501		
6,600.00	6,494.21	6,297.62	6,092.13	18.81	20.45	172.44	1,221.30	1,168.37	1,763.25	1,726.25	37.00	47.653		
6,700.00	6,593.31	6,389.75	6,180.87	18.92	20.79	117.84	1,241.03	1,183.35	1,794.83	1,757.40	37.43	47.956		
6,800.00	6,689.68	6,476.77	6,264.68	18.97	21.12	104.73	1,259.67	1,197.49	1,827.58	1,789.83	37.76	48.402		
6,900.00	6,780.96	6,556.55	6,341.52	18.98	21.42	98.64	1,276.76	1,210.46	1,861.52	1,823.52	38.00	48.982		
7,000.00	6,864.89	6,667.67	6,449.18	18.95	21.78	95.41	1,300.75	1,223.09	1,896.34	1,858.02	38.32	49.491		
7,100.00	6,939.42	6,832.96	6,609.23	18.90	22.14	93.98	1,336.70	1,207.00	1,929.63	1,890.94	38.69	49.872		
7,200.00	7,002.70	7,056.76	6,808.92	18.86	22.36	93.50	1,382.11	1,119.61	1,958.81	1,919.80	39.01	50.213		
7,300.00	7,053.18	7,350.14	7,004.30	18.85	22.25	92.86	1,427.56	909.10	1,980.15	1,940.79	39.36	50.303		
7,400.00	7,089.61	7,400.00	7,087.10	18.89	22.42	90.89	1,448.34	636.23	1,990.32	1,950.95	39.37	50.558		
7,500.00	7,111.10	7,789.34	7,086.74	19.02	21.80	89.41	1,449.50	485.59	1,993.18	1,952.09	41.08	48.516		
7,600.00	7,117.12	7,888.85	7,084.09	19.24	22.38	88.99	1,449.73	386.11	1,994.66	1,952.65	42.01	47.483		
7,700.00	7,114.51	7,988.85	7,081.44	19.62	23.16	88.98	1,449.96	286.15	1,995.29	1,952.15	43.15	46.243		
7,800.00	7,111.88	8,088.85	7,078.78	20.15	24.02	88.98	1,450.19	186.19	1,995.93	1,951.42	44.52	44.837		
7,900.00	7,109.26	8,188.85	7,076.12	20.84	24.95	88.98	1,450.42	86.22	1,996.57	1,950.48	46.09	43.319		
8,000.00	7,106.63	8,288.85	7,073.46	21.65	25.94	88.98	1,450.65	-13.74	1,997.21	1,949.35	47.85	41.738		
8,100.00	7,104.00	8,388.84	7,070.80	22.56	26.99	88.98	1,450.88	-113.70	1,997.84	1,948.06	49.78	40.135		
8,200.00	7,101.37	8,488.84	7,068.15	23.57	28.09	88.98	1,451.10	-213.66	1,998.48	1,946.63	51.85	38.542		
8,300.00	7,098.74	8,588.84	7,065.49	24.65	29.25	88.98	1,451.33	-313.62	1,999.12	1,945.06	54.06	36.982		
8,400.00	7,096.12	8,688.84	7,062.83	25.79	30.44	88.98	1,451.56	-413.59	1,999.75	1,943.38	56.38	35.472		
8,500.00	7,093.49	8,788.84	7,060.17	26.99	31.68	88.98	1,451.79	-513.55	2,000.39	1,941.60	58.79	34.023		
8,600.00	7,090.86	8,888.83	7,057.52	28.24	32.95	88.98	1,452.02	-613.51	2,001.03	1,939.72	61.30	32.642		
8,700.00	7,088.23	8,988.83	7,054.86	29.53	34.26	88.98	1,452.25	-713.47	2,001.66	1,937.78	63.89	31.331		
8,800.00	7,085.60	9,088.83	7,052.20	30.86	35.59	88.98	1,452.48	-813.44	2,002.30	1,935.76	66.54	30.090		
8,900.00	7,082.98	9,188.83	7,049.54	32.22	36.95	88.98	1,452.71	-913.40	2,002.94	1,933.68	69.26	28.920		
9,000.00	7,080.35	9,288.83	7,046.89	33.60	38.33	88.98	1,452.94	-1,013.36	2,003.57	1,931.55	72.03	27.817		
9,100.00	7,077.72	9,388.82	7,044.23	35.02	39.73	88.98	1,453.17	-1,113.32	2,004.21	1,929.37	74.84	26.779		
9,200.00	7,075.09	9,488.82	7,041.57	36.45	41.16	88.97	1,453.39	-1,213.29	2,004.85	1,927.15	77.70	25.802		
9,300.00	7,072.47	9,588.82	7,038.91	37.90	42.59	88.97	1,453.62	-1,313.25	2,005.49	1,924.89	80.60	24.883		
9,400.00	7,069.84	9,688.82	7,036.25	39.37	44.05	88.97	1,453.85	-1,413.21	2,006.12	1,922.59	83.53	24.017		
9,500.00	7,067.21	9,788.82	7,033.60	40.86	45.52	88.97	1,454.08	-1,513.17	2,006.76	1,920.27	86.49	23.203		
9,600.00	7,064.58	9,888.81	7,030.94	42.36	47.00	88.97	1,454.31	-1,613.14	2,007.40	1,917.92	89.48	22.435		
9,700.00	7,061.95	9,988.81	7,028.28	43.87	48.49	88.97	1,454.54	-1,713.10	2,008.03	1,915.54	92.49	21.711		
9,800.00	7,059.33	10,088.81	7,025.62	45.39	50.00	88.97	1,454.77	-1,813.06	2,008.67	1,913.15	95.52	21.028		
9,900.00	7,056.70	10,188.81	7,022.97	46.92	51.51	88.97	1,455.00	-1,913.02	2,009.31	1,910.73	98.58	20.383		
10,000.00	7,054.07	10,288.81	7,020.31	48.47	53.04	88.97	1,455.23	-2,012.99	2,009.94	1,908.29	101.65	19.773		
10,100.00	7,051.44	10,388.80	7,017.65	50.02	54.57	88.97	1,455.46	-2,112.95	2,010.58	1,905.84	104.74	19.196		
10,200.00	7,048.81	10,488.80	7,014.99	51.57	56.11	88.97	1,455.68	-2,212.91	2,011.22	1,903.37	107.85	18.649		

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 32N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,046.19	10,588.80	7,012.33	53.14	57.66	88.97	1,455.91	-2,312.87	2,011.85	1,900.89	110.97	18.131	
10,400.00	7,043.56	10,688.80	7,009.68	54.71	59.21	88.97	1,456.14	-2,412.84	2,012.49	1,898.39	114.10	17.638	
10,500.00	7,040.93	10,788.80	7,007.02	56.29	60.77	88.97	1,456.37	-2,512.80	2,013.13	1,895.89	117.24	17.171	
10,600.00	7,038.30	10,888.79	7,004.36	57.87	62.33	88.97	1,456.60	-2,612.76	2,013.77	1,893.37	120.40	16.726	
10,700.00	7,035.67	10,988.79	7,001.70	59.46	63.91	88.97	1,456.83	-2,712.72	2,014.40	1,890.84	123.56	16.303	
10,800.00	7,033.05	11,088.79	6,999.05	61.05	65.48	88.97	1,457.06	-2,812.68	2,015.04	1,888.31	126.73	15.900	
10,900.00	7,030.42	11,188.79	6,996.39	62.64	67.06	88.97	1,457.29	-2,912.65	2,015.68	1,885.76	129.92	15.515	
11,000.00	7,027.79	11,288.79	6,993.73	64.24	68.65	88.97	1,457.52	-3,012.61	2,016.31	1,883.21	133.11	15.148	
11,100.00	7,025.16	11,388.78	6,991.07	65.84	70.23	88.96	1,457.74	-3,112.57	2,016.95	1,880.65	136.30	14.797	
11,200.00	7,022.53	11,488.78	6,988.42	67.45	71.83	88.96	1,457.97	-3,212.53	2,017.59	1,878.08	139.51	14.462	
11,300.00	7,019.91	11,588.78	6,985.76	69.06	73.42	88.96	1,458.20	-3,312.50	2,018.22	1,875.50	142.72	14.141	
11,400.00	7,017.28	11,688.78	6,983.10	70.67	75.02	88.96	1,458.43	-3,412.46	2,018.86	1,872.92	145.94	13.834	
11,500.00	7,014.65	11,788.78	6,980.44	72.29	76.62	88.96	1,458.66	-3,512.42	2,019.50	1,870.34	149.16	13.539	
11,600.00	7,012.02	11,888.77	6,977.78	73.90	78.23	88.96	1,458.89	-3,612.38	2,020.13	1,867.75	152.39	13.256	
11,700.00	7,009.40	11,988.77	6,975.13	75.52	79.83	88.96	1,459.12	-3,712.35	2,020.77	1,865.15	155.62	12.985	
11,800.00	7,006.77	12,088.77	6,972.47	77.15	81.44	88.96	1,459.35	-3,812.31	2,021.41	1,862.55	158.86	12.725	
11,900.00	7,004.14	12,188.77	6,969.81	78.77	83.06	88.96	1,459.58	-3,912.27	2,022.05	1,859.94	162.10	12.474	
12,000.00	7,001.51	12,288.77	6,967.15	80.40	84.67	88.96	1,459.81	-4,012.23	2,022.68	1,857.34	165.35	12.233	
12,100.00	6,998.88	12,388.76	6,964.50	82.02	86.29	88.96	1,460.03	-4,112.20	2,023.32	1,854.72	168.60	12.001	
12,200.00	6,996.26	12,488.76	6,961.84	83.65	87.91	88.96	1,460.26	-4,212.16	2,023.96	1,852.11	171.85	11.777	
12,300.00	6,993.63	12,588.76	6,959.18	85.28	89.53	88.96	1,460.49	-4,312.12	2,024.59	1,849.49	175.11	11.562	
12,400.00	6,991.00	12,688.76	6,956.52	86.92	91.15	88.96	1,460.72	-4,412.08	2,025.23	1,846.86	178.37	11.354	
12,500.00	6,988.37	12,788.76	6,953.86	88.55	92.77	88.96	1,460.95	-4,512.05	2,025.87	1,844.24	181.63	11.154	
12,600.00	6,985.74	12,888.75	6,951.21	90.19	94.40	88.96	1,461.18	-4,612.01	2,026.50	1,841.61	184.90	10.960	
12,700.00	6,983.12	12,988.75	6,948.55	91.82	96.03	88.96	1,461.41	-4,711.97	2,027.14	1,838.98	188.17	10.773	
12,800.00	6,980.49	13,088.75	6,945.89	93.46	97.66	88.96	1,461.64	-4,811.93	2,027.78	1,836.34	191.44	10.592	
12,900.00	6,977.86	13,188.75	6,943.23	95.10	99.29	88.96	1,461.87	-4,911.89	2,028.42	1,833.70	194.71	10.418	
13,000.00	6,975.23	13,288.75	6,940.58	96.74	100.92	88.95	1,462.09	-5,011.86	2,029.05	1,831.06	197.99	10.248	
13,100.00	6,972.60	13,388.74	6,937.92	98.38	102.55	88.95	1,462.32	-5,111.82	2,029.69	1,828.42	201.27	10.085	
13,200.00	6,969.98	13,488.74	6,935.26	100.03	104.19	88.95	1,462.55	-5,211.78	2,030.33	1,825.78	204.55	9.926	
13,300.00	6,967.35	13,588.74	6,932.60	101.67	105.82	88.95	1,462.78	-5,311.74	2,030.96	1,823.13	207.83	9.772	
13,400.00	6,964.72	13,688.74	6,929.95	103.31	107.46	88.95	1,463.01	-5,411.71	2,031.60	1,820.48	211.11	9.623	
13,500.00	6,962.09	13,788.73	6,927.29	104.96	109.10	88.95	1,463.24	-5,511.67	2,032.24	1,817.84	214.40	9.479	
13,600.00	6,959.47	13,888.73	6,924.63	106.60	110.73	88.95	1,463.47	-5,611.63	2,032.87	1,815.18	217.69	9.338	
13,700.00	6,956.84	13,988.73	6,921.97	108.25	112.37	88.95	1,463.70	-5,711.59	2,033.51	1,812.53	220.98	9.202	
13,800.00	6,954.21	14,088.73	6,919.31	109.90	114.02	88.95	1,463.93	-5,811.56	2,034.15	1,809.88	224.27	9.070	
13,900.00	6,951.58	14,188.73	6,916.66	111.55	115.66	88.95	1,464.16	-5,911.52	2,034.78	1,807.22	227.56	8.942	
14,000.00	6,948.95	14,288.72	6,914.00	113.20	117.30	88.95	1,464.38	-6,011.48	2,035.42	1,804.56	230.86	8.817	
14,100.00	6,946.33	14,388.72	6,911.34	114.84	118.94	88.95	1,464.61	-6,111.44	2,036.06	1,801.90	234.16	8.695	
14,200.00	6,943.70	14,488.72	6,908.68	116.50	120.59	88.95	1,464.84	-6,211.41	2,036.70	1,799.24	237.45	8.577	
14,300.00	6,941.07	14,588.72	6,906.03	118.15	122.23	88.95	1,465.07	-6,311.37	2,037.33	1,796.58	240.75	8.462	
14,400.00	6,938.44	14,688.72	6,903.37	119.80	123.88	88.95	1,465.30	-6,411.33	2,037.97	1,793.92	244.05	8.351	
14,500.00	6,935.81	14,788.71	6,900.71	121.45	125.52	88.95	1,465.53	-6,511.29	2,038.61	1,791.25	247.35	8.242	
14,600.00	6,933.19	14,888.71	6,898.05	123.10	127.17	88.95	1,465.76	-6,611.26	2,039.24	1,788.59	250.65	8.136	
14,700.00	6,930.56	14,988.71	6,895.39	124.75	128.82	88.95	1,465.99	-6,711.22	2,039.88	1,785.92	253.96	8.032	
14,800.00	6,927.93	15,088.71	6,892.74	126.41	130.47	88.95	1,466.22	-6,811.18	2,040.52	1,783.25	257.26	7.932	
14,900.00	6,925.30	15,188.71	6,890.08	128.06	132.11	88.95	1,466.44	-6,911.14	2,041.15	1,780.59	260.57	7.833	
15,000.00	6,922.67	15,288.70	6,887.42	129.72	133.76	88.94	1,466.67	-7,011.10	2,041.79	1,777.92	263.87	7.738	
15,100.00	6,920.05	15,388.70	6,884.76	131.37	135.41	88.94	1,466.90	-7,111.07	2,042.43	1,775.25	267.18	7.644	
15,200.00	6,917.42	15,488.70	6,882.11	133.03	137.06	88.94	1,467.13	-7,211.03	2,043.06	1,772.57	270.49	7.553	
15,300.00	6,914.79	15,588.70	6,879.45	134.68	138.71	88.94	1,467.36	-7,310.99	2,043.70	1,769.90	273.80	7.464	
15,392.03	6,912.37	15,680.73	6,877.00	136.21	140.23	88.94	1,467.57	-7,402.99	2,044.29	1,767.44	276.85	7.384 SF	

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	90.52	-1.09	119.99	120.00				
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-1.09	119.99	120.00	112.47	7.53	15.939	
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-1.09	119.99	120.00	112.43	7.57	15.844	
300.00	299.98	298.12	298.12	3.35	3.35	-25.10	-0.95	120.37	118.81	111.15	7.66	15.516	
400.00	399.84	394.32	394.26	3.41	3.41	-26.72	0.20	123.39	117.25	109.48	7.77	15.087	
500.00	499.45	490.40	490.12	3.50	3.49	-29.64	2.49	129.42	115.96	108.04	7.92	14.637	
600.00	598.70	586.25	585.48	3.61	3.60	-33.87	5.90	138.42	115.34	107.23	8.11	14.219	
607.27	605.90	593.21	592.39	3.62	3.61	-34.22	6.20	139.19	115.34	107.21	8.13	14.191	CC, ES
700.00	697.47	681.78	680.15	3.77	3.73	-39.30	10.44	150.36	115.99	107.65	8.35	13.898	
800.00	795.75	778.10	775.14	3.97	3.90	-45.61	16.08	165.24	118.92	110.27	8.65	13.753	
900.00	893.97	877.09	872.64	4.20	4.09	-51.79	22.17	181.27	123.96	114.92	9.04	13.714	
1,000.00	992.20	976.09	970.14	4.45	4.32	-57.44	28.26	197.31	130.35	120.86	9.49	13.740	
1,100.00	1,090.43	1,075.09	1,067.64	4.73	4.56	-62.52	34.35	213.35	137.88	127.90	9.98	13.811	
1,200.00	1,188.66	1,174.09	1,165.14	5.02	4.82	-67.05	40.44	229.39	146.40	135.88	10.52	13.913	
1,300.00	1,286.89	1,273.09	1,262.64	5.34	5.10	-71.06	46.53	245.43	155.73	144.63	11.10	14.035	
1,400.00	1,385.12	1,372.09	1,360.14	5.66	5.39	-74.61	52.62	261.47	165.74	154.04	11.70	14.169	
1,500.00	1,483.35	1,471.09	1,457.64	6.00	5.69	-77.75	58.71	277.51	176.31	163.99	12.32	14.309	
1,600.00	1,581.57	1,570.08	1,555.14	6.34	5.99	-80.53	64.80	293.55	187.35	174.38	12.97	14.450	
1,700.00	1,679.80	1,669.08	1,652.64	6.69	6.31	-83.00	70.89	309.59	198.78	185.15	13.62	14.591	
1,800.00	1,778.03	1,768.08	1,750.14	7.05	6.63	-85.20	76.98	325.63	210.53	196.24	14.29	14.728	
1,900.00	1,876.26	1,867.08	1,847.64	7.25	6.86	-87.16	83.07	341.67	222.56	208.23	14.33	15.527	
2,000.00	1,974.49	1,966.08	1,945.14	7.29	6.94	-88.92	89.16	357.71	234.83	220.36	14.47	16.229	
2,100.00	2,072.72	2,065.08	2,042.64	7.35	6.99	-90.51	95.25	373.75	247.29	232.70	14.59	16.953	
2,200.00	2,170.95	2,164.08	2,140.14	7.43	7.06	-91.94	101.34	389.79	259.92	245.18	14.73	17.640	
2,300.00	2,269.18	2,263.07	2,237.64	7.52	7.14	-93.24	107.43	405.83	272.69	257.78	14.91	18.288	
2,400.00	2,367.40	2,362.07	2,335.15	7.63	7.23	-94.43	113.52	421.87	285.59	270.48	15.12	18.892	
2,500.00	2,465.63	2,461.07	2,432.65	7.76	7.34	-95.51	119.61	437.91	298.61	283.26	15.35	19.452	
2,600.00	2,563.86	2,560.07	2,530.15	7.90	7.46	-96.50	125.70	453.95	311.71	296.10	15.61	19.968	
2,700.00	2,662.09	2,659.07	2,627.65	8.05	7.60	-97.41	131.79	469.99	324.91	309.01	15.90	20.439	
2,800.00	2,760.32	2,758.07	2,725.15	8.21	7.74	-98.25	137.88	486.03	338.17	321.97	16.21	20.868	
2,900.00	2,858.55	2,857.07	2,822.65	8.39	7.90	-99.03	143.97	502.07	351.51	334.97	16.54	21.255	
3,000.00	2,956.78	2,956.06	2,920.15	8.58	8.07	-99.75	150.06	518.11	364.90	348.01	16.89	21.604	
3,100.00	3,055.01	3,055.06	3,017.65	8.78	8.25	-100.42	156.15	534.15	378.35	361.08	17.26	21.916	
3,200.00	3,153.23	3,154.06	3,115.15	8.99	8.44	-101.04	162.24	550.19	391.84	374.18	17.66	22.194	
3,300.00	3,251.46	3,253.06	3,212.65	9.21	8.63	-101.62	168.33	566.23	405.37	387.31	18.06	22.440	
3,400.00	3,349.69	3,352.06	3,310.15	9.43	8.84	-102.17	174.42	582.27	418.95	400.46	18.49	22.658	
3,500.00	3,447.92	3,451.06	3,407.65	9.67	9.05	-102.68	180.51	598.31	432.55	413.62	18.93	22.850	
3,600.00	3,546.15	3,550.06	3,505.15	9.91	9.27	-103.15	186.60	614.35	446.19	426.81	19.38	23.018	
3,700.00	3,644.38	3,649.06	3,602.65	10.16	9.50	-103.60	192.69	630.39	459.86	440.01	19.85	23.164	
3,800.00	3,742.61	3,748.05	3,700.15	10.41	9.73	-104.03	198.78	646.43	473.56	453.22	20.33	23.291	
3,900.00	3,840.84	3,847.05	3,797.65	10.68	9.97	-104.43	204.87	662.47	487.27	466.45	20.82	23.400	
4,000.00	3,939.06	3,946.05	3,895.15	10.94	10.22	-104.81	210.96	678.51	501.02	479.69	21.32	23.494	
4,100.00	4,037.29	4,045.05	3,992.66	11.21	10.47	-105.17	217.05	694.55	514.78	492.94	21.84	23.575	
4,200.00	4,135.52	4,144.05	4,090.16	11.49	10.72	-105.51	223.14	710.59	528.56	506.20	22.36	23.642	
4,300.00	4,233.75	4,243.05	4,187.66	11.77	10.98	-105.83	229.23	726.63	542.35	519.47	22.89	23.699	
4,400.00	4,331.98	4,342.05	4,285.16	12.06	11.24	-106.13	235.32	742.67	556.17	532.75	23.42	23.746	
4,500.00	4,430.21	4,441.04	4,382.66	12.35	11.51	-106.43	241.41	758.71	570.00	546.03	23.97	23.784	
4,600.00	4,528.44	4,540.04	4,480.16	12.64	11.77	-106.70	247.50	774.75	583.84	559.32	24.52	23.814	
4,700.00	4,626.67	4,639.04	4,577.66	12.93	12.05	-106.97	253.59	790.78	597.69	572.62	25.07	23.838	
4,800.00	4,724.89	4,738.04	4,675.16	13.23	12.32	-107.22	259.68	806.82	611.56	585.92	25.64	23.855	
4,900.00	4,823.12	4,837.04	4,772.66	13.54	12.60	-107.46	265.77	822.86	625.44	599.23	26.21	23.867	
5,000.00	4,921.35	4,936.04	4,870.16	13.84	12.88	-107.70	271.86	838.90	639.33	612.55	26.78	23.874	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	5,035.04	4,967.66	14.15	13.17	-107.92	277.95	854.94	653.22	625.87	27.36	23.877		
5,200.00	5,117.81	5,134.03	5,065.16	14.46	13.45	-108.13	284.04	870.98	667.13	639.19	27.94	23.877		
5,300.00	5,216.04	5,233.03	5,162.66	14.77	13.74	-108.33	290.13	887.02	681.05	652.52	28.53	23.873		
5,400.00	5,314.27	5,332.03	5,260.16	15.08	14.03	-108.53	296.22	903.06	694.97	665.85	29.12	23.866		
5,500.00	5,412.50	5,431.03	5,357.66	15.40	14.32	-108.72	302.30	919.10	708.90	679.19	29.71	23.857		
5,600.00	5,510.72	5,530.03	5,455.16	15.71	14.62	-108.90	308.39	935.14	722.84	692.53	30.31	23.846		
5,700.00	5,608.95	5,629.03	5,552.66	16.03	14.91	-109.07	314.48	951.18	736.79	705.87	30.92	23.833		
5,800.00	5,707.18	5,728.03	5,650.16	16.35	15.21	-109.24	320.57	967.22	750.74	719.22	31.52	23.818		
5,900.00	5,805.41	5,827.02	5,747.67	16.68	15.51	-109.40	326.66	983.26	764.70	732.57	32.13	23.801		
6,000.00	5,903.64	5,926.02	5,845.17	17.00	15.81	-109.55	332.75	999.30	778.66	745.92	32.74	23.784		
6,100.00	6,001.87	6,025.02	5,942.67	17.33	16.11	-109.70	338.84	1,015.34	792.63	759.28	33.35	23.765		
6,200.00	6,100.10	6,124.02	6,040.17	17.65	16.41	-109.85	344.93	1,031.38	806.61	772.64	33.97	23.745		
6,300.00	6,198.33	6,223.02	6,137.67	17.98	16.72	-109.99	351.02	1,047.42	820.58	786.00	34.59	23.725		
6,400.00	6,296.55	6,322.02	6,235.17	18.31	17.02	-110.12	357.11	1,063.46	834.57	799.36	35.21	23.704		
6,500.00	6,394.83	6,421.01	6,332.67	18.63	17.33	-115.23	363.20	1,079.50	848.59	812.76	35.82	23.689		
6,600.00	6,494.21	6,519.37	6,429.54	18.81	17.63	172.33	369.25	1,095.44	863.60	827.28	36.32	23.775		
6,700.00	6,593.31	6,614.91	6,523.63	18.92	17.93	120.02	375.13	1,110.92	880.27	843.51	36.76	23.947		
6,800.00	6,689.68	6,718.94	6,626.54	18.97	18.21	109.65	381.57	1,124.17	898.94	861.82	37.12	24.215		
6,900.00	6,780.96	6,838.38	6,745.48	18.98	18.39	106.30	389.10	1,119.67	918.26	880.92	37.34	24.594		
7,000.00	6,864.89	6,968.94	6,872.00	18.95	18.48	104.93	397.21	1,089.43	937.16	899.76	37.40	25.059		
7,100.00	6,939.42	7,111.64	7,000.03	18.90	18.49	104.27	405.55	1,027.64	954.53	917.21	37.32	25.577		
7,200.00	7,002.70	7,266.05	7,119.33	18.86	18.46	103.79	413.48	930.54	969.17	931.99	37.19	26.062		
7,300.00	7,053.18	7,429.49	7,216.32	18.85	18.50	103.16	420.15	799.71	979.99	942.82	37.18	26.360		
7,400.00	7,089.61	7,596.82	7,277.93	18.89	18.77	102.21	424.67	644.72	986.25	948.75	37.50	26.301		
7,500.00	7,111.10	7,761.62	7,297.26	19.02	19.31	100.91	426.57	481.53	987.76	949.52	38.24	25.834		
7,570.46	7,116.97	7,836.32	7,295.10	19.17	19.67	100.40	426.74	406.86	987.36	948.50	38.86	25.410		
7,600.00	7,117.12	7,865.84	7,294.20	19.24	19.83	100.33	426.80	377.36	987.43	948.31	39.12	25.241		
7,700.00	7,114.51	7,965.83	7,291.16	19.62	20.45	100.30	427.02	277.41	987.97	947.77	40.20	24.577		
7,800.00	7,111.88	8,065.83	7,288.12	20.15	21.18	100.27	427.24	177.46	988.51	946.99	41.52	23.810		
7,900.00	7,109.26	8,165.83	7,285.08	20.84	22.01	100.24	427.46	77.51	989.05	946.00	43.05	22.974		
8,000.00	7,106.63	8,265.83	7,282.04	21.65	22.94	100.21	427.68	-22.44	989.60	944.82	44.78	22.100		
8,100.00	7,104.00	8,365.82	7,278.99	22.56	23.94	100.18	427.90	-122.39	990.14	943.46	46.68	21.212		
8,200.00	7,101.37	8,465.82	7,275.95	23.57	25.01	100.15	428.12	-222.35	990.69	941.96	48.73	20.330		
8,300.00	7,098.74	8,565.82	7,272.91	24.65	26.15	100.12	428.34	-322.30	991.23	940.31	50.92	19.468		
8,400.00	7,096.12	8,665.82	7,269.87	25.79	27.34	100.09	428.56	-422.25	991.78	938.56	53.22	18.635		
8,500.00	7,093.49	8,765.81	7,266.83	26.99	28.58	100.06	428.78	-522.20	992.32	936.70	55.63	17.839		
8,600.00	7,090.86	8,865.81	7,263.79	28.24	29.86	100.03	429.00	-622.15	992.87	934.75	58.12	17.083		
8,700.00	7,088.23	8,965.81	7,260.74	29.53	31.18	100.00	429.22	-722.10	993.41	932.72	60.70	16.367		
8,800.00	7,085.60	9,065.80	7,257.70	30.86	32.53	99.97	429.44	-822.05	993.96	930.62	63.34	15.693		
8,900.00	7,082.98	9,165.80	7,254.66	32.22	33.91	99.94	429.66	-922.00	994.50	928.46	66.04	15.059		
9,000.00	7,080.35	9,265.80	7,251.62	33.60	35.31	99.91	429.88	-1,021.95	995.05	926.25	68.80	14.463		
9,100.00	7,077.72	9,365.80	7,248.58	35.02	36.74	99.88	430.10	-1,121.90	995.60	923.99	71.60	13.904		
9,200.00	7,075.09	9,465.79	7,245.53	36.45	38.19	99.85	430.32	-1,221.85	996.14	921.69	74.45	13.380		
9,300.00	7,072.47	9,565.79	7,242.49	37.90	39.65	99.82	430.54	-1,321.80	996.69	919.36	77.33	12.888		
9,400.00	7,069.84	9,665.79	7,239.45	39.37	41.13	99.79	430.76	-1,421.75	997.24	916.99	80.25	12.426		
9,500.00	7,067.21	9,765.78	7,236.41	40.86	42.62	99.76	430.98	-1,521.70	997.79	914.59	83.20	11.993		
9,600.00	7,064.58	9,865.78	7,233.37	42.36	44.13	99.73	431.20	-1,621.65	998.33	912.16	86.17	11.585		
9,700.00	7,061.95	9,965.78	7,230.33	43.87	45.65	99.70	431.42	-1,721.61	998.88	909.71	89.17	11.202		
9,800.00	7,059.33	10,065.78	7,227.28	45.39	47.18	99.67	431.64	-1,821.56	999.43	907.24	92.19	10.841		
9,900.00	7,056.70	10,165.77	7,224.24	46.92	48.71	99.64	431.86	-1,921.51	999.98	904.75	95.23	10.501		
10,000.00	7,054.07	10,265.77	7,221.20	48.47	50.26	99.61	432.08	-2,021.46	1,000.53	902.24	98.29	10.180		
10,100.00	7,051.44	10,365.77	7,218.16	50.02	51.81	99.58	432.29	-2,121.41	1,001.08	899.72	101.36	9.876		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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
10,200.00	7,048.81	10,465.76	7,215.12	51.57	53.38	99.55	432.51	-2,221.36	1,001.63	897.18	104.45	9.589	
10,300.00	7,046.19	10,565.76	7,212.08	53.14	54.94	99.52	432.73	-2,321.31	1,002.18	894.62	107.55	9.318	
10,400.00	7,043.56	10,665.76	7,209.03	54.71	56.52	99.49	432.95	-2,421.26	1,002.73	892.06	110.67	9.061	
10,500.00	7,040.93	10,765.76	7,205.99	56.29	58.10	99.46	433.17	-2,521.21	1,003.28	889.48	113.80	8.816	
10,600.00	7,038.30	10,865.75	7,202.95	57.87	59.68	99.44	433.39	-2,621.16	1,003.83	886.89	116.93	8.585	
10,700.00	7,035.67	10,965.75	7,199.91	59.46	61.27	99.41	433.61	-2,721.11	1,004.38	884.30	120.08	8.364	
10,800.00	7,033.05	11,065.75	7,196.87	61.05	62.86	99.38	433.83	-2,821.06	1,004.93	881.69	123.24	8.154	
10,900.00	7,030.42	11,165.74	7,193.82	62.64	64.46	99.35	434.05	-2,921.01	1,005.48	879.08	126.40	7.954	
11,000.00	7,027.79	11,265.74	7,190.78	64.24	66.06	99.32	434.27	-3,020.96	1,006.03	876.46	129.58	7.764	
11,100.00	7,025.16	11,365.74	7,187.74	65.84	67.67	99.29	434.49	-3,120.91	1,006.59	873.83	132.76	7.582	
11,200.00	7,022.53	11,465.74	7,184.70	67.45	69.27	99.26	434.71	-3,220.87	1,007.14	871.19	135.95	7.408	
11,300.00	7,019.91	11,565.73	7,181.66	69.06	70.89	99.23	434.93	-3,320.82	1,007.69	868.55	139.14	7.242	
11,400.00	7,017.28	11,665.73	7,178.62	70.67	72.50	99.20	435.15	-3,420.77	1,008.24	865.90	142.34	7.083	
11,500.00	7,014.65	11,765.73	7,175.57	72.29	74.11	99.17	435.37	-3,520.72	1,008.80	863.25	145.54	6.931	
11,600.00	7,012.02	11,865.72	7,172.53	73.90	75.73	99.15	435.59	-3,620.67	1,009.35	860.60	148.75	6.785	
11,700.00	7,009.40	11,965.72	7,169.49	75.52	77.35	99.12	435.81	-3,720.62	1,009.90	857.93	151.97	6.645	
11,800.00	7,006.77	12,065.72	7,166.45	77.15	78.98	99.09	436.03	-3,820.57	1,010.46	855.27	155.19	6.511	
11,900.00	7,004.14	12,165.72	7,163.41	78.77	80.60	99.06	436.25	-3,920.52	1,011.01	852.60	158.42	6.382	
12,000.00	7,001.51	12,265.71	7,160.37	80.40	82.23	99.03	436.47	-4,020.47	1,011.57	849.92	161.64	6.258	
12,100.00	6,998.88	12,365.71	7,157.32	82.02	83.86	99.00	436.69	-4,120.42	1,012.12	847.24	164.88	6.139	
12,200.00	6,996.26	12,465.71	7,154.28	83.65	85.49	98.97	436.91	-4,220.37	1,012.67	844.56	168.11	6.024	
12,300.00	6,993.63	12,565.71	7,151.24	85.28	87.12	98.94	437.13	-4,320.32	1,013.23	841.88	171.35	5.913	
12,400.00	6,991.00	12,665.70	7,148.20	86.92	88.75	98.92	437.35	-4,420.27	1,013.79	839.19	174.60	5.806	
12,500.00	6,988.37	12,765.70	7,145.16	88.55	90.39	98.89	437.57	-4,520.22	1,014.34	836.50	177.84	5.704	
12,600.00	6,985.74	12,865.70	7,142.11	90.19	92.02	98.86	437.79	-4,620.17	1,014.90	833.80	181.09	5.604	
12,700.00	6,983.12	12,965.69	7,139.07	91.82	93.66	98.83	438.01	-4,720.13	1,015.45	831.11	184.35	5.508	
12,800.00	6,980.49	13,065.69	7,136.03	93.46	95.30	98.80	438.23	-4,820.08	1,016.01	828.41	187.60	5.416	
12,900.00	6,977.86	13,165.69	7,132.99	95.10	96.94	98.77	438.45	-4,920.03	1,016.57	825.71	190.86	5.326	
13,000.00	6,975.23	13,265.69	7,129.95	96.74	98.58	98.74	438.66	-5,019.98	1,017.12	823.00	194.12	5.240	
13,100.00	6,972.60	13,365.68	7,126.91	98.38	100.22	98.72	438.88	-5,119.93	1,017.68	820.30	197.38	5.156	
13,200.00	6,969.98	13,465.68	7,123.86	100.03	101.86	98.69	439.10	-5,219.88	1,018.24	817.59	200.65	5.075	
13,300.00	6,967.35	13,565.68	7,120.82	101.67	103.51	98.66	439.32	-5,319.83	1,018.79	814.88	203.91	4.996	
13,400.00	6,964.72	13,665.67	7,117.78	103.31	105.15	98.63	439.54	-5,419.78	1,019.35	812.17	207.18	4.920	
13,500.00	6,962.09	13,765.67	7,114.74	104.96	106.80	98.60	439.76	-5,519.73	1,019.91	809.45	210.46	4.846	
13,600.00	6,959.47	13,865.67	7,111.70	106.60	108.45	98.57	439.98	-5,619.68	1,020.47	806.74	213.73	4.775	
13,700.00	6,956.84	13,965.67	7,108.66	108.25	110.09	98.55	440.20	-5,719.63	1,021.03	804.02	217.00	4.705	
13,800.00	6,954.21	14,065.66	7,105.61	109.90	111.74	98.52	440.42	-5,819.58	1,021.59	801.30	220.28	4.638	
13,900.00	6,951.58	14,165.66	7,102.57	111.55	113.39	98.49	440.64	-5,919.53	1,022.14	798.58	223.56	4.572	
14,000.00	6,948.95	14,265.66	7,099.53	113.20	115.04	98.46	440.86	-6,019.48	1,022.70	795.86	226.84	4.508	
14,100.00	6,946.33	14,365.65	7,096.49	114.84	116.69	98.43	441.08	-6,119.43	1,023.26	793.14	230.12	4.447	
14,200.00	6,943.70	14,465.65	7,093.45	116.50	118.34	98.41	441.30	-6,219.39	1,023.82	790.42	233.41	4.386	
14,300.00	6,941.07	14,565.65	7,090.40	118.15	119.99	98.38	441.52	-6,319.34	1,024.38	787.69	236.69	4.328	
14,400.00	6,938.44	14,665.65	7,087.36	119.80	121.64	98.35	441.74	-6,419.29	1,024.94	784.96	239.98	4.271	
14,500.00	6,935.81	14,765.64	7,084.32	121.45	123.29	98.32	441.96	-6,519.24	1,025.50	782.24	243.27	4.216	
14,600.00	6,933.19	14,865.64	7,081.28	123.10	124.95	98.29	442.18	-6,619.19	1,026.06	779.51	246.56	4.162	
14,700.00	6,930.56	14,965.64	7,078.24	124.75	126.60	98.27	442.40	-6,719.14	1,026.63	776.78	249.85	4.109	
14,800.00	6,927.93	15,065.63	7,075.20	126.41	128.25	98.24	442.62	-6,819.09	1,027.19	774.05	253.14	4.058	
14,900.00	6,925.30	15,165.63	7,072.15	128.06	129.91	98.21	442.84	-6,919.04	1,027.75	771.32	256.43	4.008	
15,000.00	6,922.67	15,265.63	7,069.11	129.72	131.56	98.18	443.06	-7,018.99	1,028.31	768.58	259.73	3.959	
15,100.00	6,920.05	15,365.63	7,066.07	131.37	133.22	98.15	443.28	-7,118.94	1,028.87	765.85	263.02	3.912	
15,200.00	6,917.42	15,465.62	7,063.03	133.03	134.87	98.13	443.50	-7,218.89	1,029.43	763.11	266.32	3.865	
15,300.00	6,914.79	15,565.62	7,059.99	134.68	136.53	98.10	443.72	-7,318.84	1,030.00	760.38	269.62	3.820	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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
15,392.03	6,912.37	15,657.65	7,057.19	136.21	138.05	98.07	443.92	-7,410.83	1,030.51	757.86	272.65	3.780 SF	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	90.52	-0.73	79.90	79.91				
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-0.73	79.90	79.91	72.38	7.53	10.613	
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-0.73	79.90	79.91	72.33	7.57	10.550	
300.00	299.98	300.02	299.98	3.35	3.35	-25.22	-0.73	79.90	78.32	70.66	7.66	10.225	
400.00	399.84	400.16	399.84	3.41	3.42	-27.00	-0.73	79.90	73.62	65.83	7.79	9.451	
500.00	499.45	500.55	499.45	3.50	3.50	-30.52	-0.73	79.90	65.97	58.01	7.97	8.283	
600.00	598.70	601.30	598.70	3.61	3.61	-36.99	-0.73	79.90	55.80	47.61	8.19	6.815	
700.00	697.47	702.53	697.47	3.77	3.74	-49.35	-0.73	79.90	44.26	35.80	8.46	5.230	
800.00	795.75	795.75	795.75	3.97	3.87	-72.63	-0.73	79.90	35.01	26.22	8.79	3.982	
850.72	845.57	845.30	845.30	4.08	3.94	-87.51	-0.71	80.26	33.56	24.59	8.98	3.738 CC, ES	
900.00	893.97	893.65	893.64	4.20	4.01	-100.94	-0.64	81.43	34.76	25.60	9.16	3.796	
1,000.00	992.20	992.43	992.28	4.45	4.16	-119.73	-0.35	86.35	42.16	32.65	9.51	4.435	
1,100.00	1,090.43	1,091.88	1,091.38	4.73	4.32	-128.46	0.14	94.73	51.93	42.05	9.88	5.256	
1,200.00	1,188.66	1,191.78	1,190.56	5.02	4.51	-131.25	0.83	106.61	61.65	51.34	10.30	5.983	
1,300.00	1,286.89	1,291.89	1,289.47	5.34	4.72	-130.53	1.73	121.96	70.64	59.86	10.79	6.549	
1,400.00	1,385.12	1,408.26	1,387.61	5.66	5.00	-127.75	2.81	140.34	79.07	67.69	11.37	6.952	
1,500.00	1,483.35	1,508.69	1,485.38	6.00	5.27	-125.19	3.91	159.17	87.58	75.61	11.96	7.321	
1,600.00	1,581.57	1,609.12	1,583.14	6.34	5.55	-123.08	5.01	178.00	96.23	83.65	12.58	7.649	
1,700.00	1,679.80	1,709.55	1,680.91	6.69	5.85	-121.32	6.12	196.83	104.99	91.77	13.22	7.941	
1,800.00	1,778.03	1,809.99	1,778.68	7.05	6.14	-119.84	7.22	215.66	113.83	99.97	13.87	8.209	
1,900.00	1,876.26	1,889.58	1,876.44	7.25	6.28	-118.57	8.32	234.49	122.74	108.92	13.82	8.879	
2,000.00	1,974.49	1,989.15	1,974.21	7.29	6.33	-117.47	9.42	253.32	131.70	117.77	13.93	9.454	
2,100.00	2,072.72	2,088.72	2,071.97	7.35	6.38	-116.51	10.53	272.15	140.70	126.65	14.06	10.010	
2,200.00	2,170.95	2,188.29	2,169.74	7.43	6.46	-115.67	11.63	290.98	149.74	135.53	14.21	10.534	
2,300.00	2,269.18	2,287.86	2,267.50	7.52	6.55	-114.92	12.73	309.81	158.81	144.40	14.41	11.024	
2,400.00	2,367.40	2,387.42	2,365.27	7.63	6.66	-114.25	13.83	328.64	167.90	153.27	14.63	11.478	
2,500.00	2,465.63	2,486.99	2,463.03	7.76	6.78	-113.66	14.93	347.47	177.01	162.13	14.88	11.896	
2,600.00	2,563.86	2,586.56	2,560.80	7.90	6.92	-113.12	16.04	366.30	186.13	170.97	15.16	12.277	
2,700.00	2,662.09	2,686.13	2,658.56	8.05	7.08	-112.63	17.14	385.13	195.27	179.80	15.47	12.623	
2,800.00	2,760.32	2,785.70	2,756.33	8.21	7.25	-112.18	18.24	403.96	204.43	188.62	15.80	12.935	
2,900.00	2,858.55	2,885.26	2,854.09	8.39	7.43	-111.78	19.34	422.79	213.59	197.43	16.16	13.216	
3,000.00	2,956.78	2,984.83	2,951.86	8.58	7.62	-111.40	20.45	441.62	222.77	206.22	16.54	13.466	
3,100.00	3,055.01	3,084.40	3,049.62	8.78	7.83	-111.06	21.55	460.45	231.95	215.01	16.95	13.688	
3,200.00	3,153.23	3,183.97	3,147.39	8.99	8.04	-110.74	22.65	479.28	241.14	223.78	17.37	13.885	
3,300.00	3,251.46	3,283.54	3,245.15	9.21	8.27	-110.45	23.75	498.10	250.34	232.53	17.81	14.059	
3,400.00	3,349.69	3,383.11	3,342.92	9.43	8.50	-110.17	24.85	516.93	259.55	241.28	18.26	14.211	
3,500.00	3,447.92	3,482.67	3,440.68	9.67	8.74	-109.92	25.96	535.76	268.76	250.02	18.74	14.344	
3,600.00	3,546.15	3,582.24	3,538.45	9.91	8.99	-109.68	27.06	554.59	277.97	258.75	19.22	14.460	
3,700.00	3,644.38	3,681.81	3,636.21	10.16	9.25	-109.46	28.16	573.42	287.19	267.47	19.72	14.561	
3,800.00	3,742.61	3,781.38	3,733.98	10.41	9.51	-109.25	29.26	592.25	296.41	276.18	20.24	14.648	
3,900.00	3,840.84	3,880.95	3,831.74	10.68	9.77	-109.05	30.37	611.08	305.64	284.88	20.76	14.723	
4,000.00	3,939.06	3,980.51	3,929.51	10.94	10.05	-108.87	31.47	629.91	314.87	293.57	21.29	14.786	
4,100.00	4,037.29	4,080.08	4,027.28	11.21	10.32	-108.69	32.57	648.74	324.10	302.26	21.84	14.841	
4,200.00	4,135.52	4,179.65	4,125.04	11.49	10.60	-108.53	33.67	667.57	333.34	310.95	22.39	14.886	
4,300.00	4,233.75	4,279.22	4,222.81	11.77	10.89	-108.37	34.78	686.40	342.58	319.62	22.95	14.925	
4,400.00	4,331.98	4,378.79	4,320.57	12.06	11.18	-108.23	35.88	705.23	351.82	328.29	23.52	14.956	
4,500.00	4,430.21	4,478.35	4,418.34	12.35	11.47	-108.09	36.98	724.06	361.06	336.96	24.10	14.982	
4,600.00	4,528.44	4,577.92	4,516.10	12.64	11.77	-107.95	38.08	742.89	370.31	345.62	24.68	15.002	
4,700.00	4,626.67	4,677.49	4,613.87	12.93	12.07	-107.83	39.18	761.72	379.55	354.28	25.27	15.018	
4,800.00	4,724.89	4,777.06	4,711.63	13.23	12.37	-107.71	40.29	780.55	388.80	362.93	25.87	15.030	
4,900.00	4,823.12	4,876.63	4,809.40	13.54	12.67	-107.59	41.39	799.38	398.05	371.58	26.47	15.038	
5,000.00	4,921.35	4,976.20	4,907.16	13.84	12.98	-107.48	42.49	818.21	407.31	380.23	27.08	15.043	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,019.58	5,075.76	5,004.93	14.15	13.29	-107.38	43.59	837.04	416.56	388.87	27.69	15.045	
5,200.00	5,117.81	5,175.33	5,102.69	14.46	13.60	-107.28	44.70	855.87	425.81	397.51	28.30	15.045	
5,300.00	5,216.04	5,274.90	5,200.46	14.77	13.92	-107.18	45.80	874.70	435.07	406.15	28.92	15.043	
5,400.00	5,314.27	5,374.47	5,298.22	15.08	14.23	-107.09	46.90	893.53	444.33	414.78	29.54	15.039	
5,500.00	5,412.50	5,474.04	5,395.99	15.40	14.55	-107.00	48.00	912.36	453.58	423.41	30.17	15.034	
5,600.00	5,510.72	5,573.60	5,493.75	15.71	14.87	-106.92	49.10	931.19	462.84	432.04	30.80	15.027	
5,700.00	5,608.95	5,673.17	5,591.52	16.03	15.19	-106.84	50.21	950.02	472.10	440.67	31.43	15.019	
5,800.00	5,707.18	5,772.74	5,689.28	16.35	15.51	-106.76	51.31	968.85	481.36	449.29	32.07	15.010	
5,900.00	5,805.41	5,872.31	5,787.05	16.68	15.83	-106.68	52.41	987.68	490.63	457.92	32.71	15.000	
6,000.00	5,903.64	5,971.88	5,884.81	17.00	16.15	-106.61	53.51	1,006.51	499.89	466.54	33.35	14.989	
6,100.00	6,001.87	6,071.44	5,982.58	17.33	16.48	-106.54	54.62	1,025.34	509.15	475.16	34.00	14.977	
6,200.00	6,100.10	6,171.01	6,080.34	17.65	16.80	-106.47	55.72	1,044.17	518.42	483.78	34.64	14.965	
6,300.00	6,198.33	6,270.58	6,178.11	17.98	17.13	-106.41	56.82	1,063.00	527.68	492.39	35.29	14.952	
6,400.00	6,296.55	6,376.53	6,282.50	18.31	17.43	-106.57	58.00	1,080.87	536.67	500.75	35.92	14.942	
6,500.00	6,394.83	6,487.12	6,392.92	18.63	17.60	-113.29	59.22	1,083.12	543.81	507.45	36.36	14.958	
6,600.00	6,494.21	6,593.00	6,497.48	18.81	17.69	171.97	60.37	1,067.35	551.07	514.53	36.54	15.080	
6,700.00	6,593.31	6,695.04	6,594.46	18.92	17.71	116.58	61.42	1,035.96	559.20	522.62	36.58	15.286	
6,800.00	6,689.68	6,793.62	6,682.24	18.97	17.69	102.49	62.35	991.32	568.01	531.50	36.52	15.555	
6,900.00	6,780.96	6,889.13	6,759.72	18.98	17.66	95.43	63.16	935.65	577.21	540.82	36.39	15.864	
7,000.00	6,864.89	6,981.95	6,826.24	18.95	17.65	90.66	63.84	871.03	586.45	550.21	36.24	16.181	
7,100.00	6,939.42	7,072.46	6,881.40	18.90	17.67	87.01	64.39	799.37	595.39	559.25	36.14	16.472	
7,200.00	7,002.70	7,161.00	6,924.99	18.86	17.75	84.11	64.81	722.38	603.67	567.52	36.15	16.699	
7,300.00	7,053.18	7,247.90	6,957.00	18.85	17.90	81.78	65.09	641.67	610.95	574.64	36.31	16.826	
7,400.00	7,089.61	7,333.44	6,977.49	18.89	18.13	79.97	65.24	558.68	616.93	580.27	36.66	16.829	
7,500.00	7,111.10	7,417.88	6,986.63	19.02	18.42	78.62	65.27	474.80	621.38	584.18	37.20	16.703	
7,600.00	7,117.12	7,509.49	6,985.77	19.24	18.82	77.84	65.18	383.22	623.78	585.84	37.94	16.443	
7,700.00	7,114.51	7,609.49	6,983.24	19.62	19.38	77.85	65.06	283.25	624.05	585.10	38.95	16.023	
7,800.00	7,111.88	7,709.49	6,980.71	20.15	20.07	77.86	64.94	183.28	624.31	584.10	40.21	15.527	
7,900.00	7,109.26	7,809.49	6,978.18	20.84	20.86	77.88	64.82	83.31	624.57	582.88	41.69	14.980	
8,000.00	7,106.63	7,909.49	6,975.65	21.65	21.76	77.89	64.70	-16.65	624.83	581.45	43.38	14.403	
8,100.00	7,104.00	8,009.49	6,973.12	22.56	22.75	77.91	64.59	-116.62	625.10	579.84	45.25	13.813	
8,200.00	7,101.37	8,109.49	6,970.59	23.57	23.81	77.92	64.47	-216.59	625.36	578.08	47.28	13.227	
8,300.00	7,098.74	8,209.48	6,968.06	24.65	24.94	77.93	64.35	-316.56	625.62	576.17	49.45	12.652	
8,400.00	7,096.12	8,309.48	6,965.53	25.79	26.13	77.95	64.23	-416.52	625.88	574.15	51.74	12.098	
8,500.00	7,093.49	8,409.48	6,963.00	26.99	27.37	77.96	64.12	-516.49	626.15	572.02	54.13	11.568	
8,600.00	7,090.86	8,509.48	6,960.48	28.24	28.65	77.98	64.00	-616.46	626.41	569.79	56.62	11.064	
8,700.00	7,088.23	8,609.48	6,957.95	29.53	29.97	77.99	63.88	-716.43	626.67	567.49	59.18	10.589	
8,800.00	7,085.60	8,709.48	6,955.42	30.86	31.33	78.01	63.76	-816.39	626.93	565.12	61.82	10.141	
8,900.00	7,082.98	8,809.48	6,952.89	32.22	32.71	78.02	63.64	-916.36	627.20	562.68	64.52	9.721	
9,000.00	7,080.35	8,909.48	6,950.36	33.60	34.12	78.04	63.53	-1,016.33	627.46	560.19	67.27	9.327	
9,100.00	7,077.72	9,009.48	6,947.83	35.02	35.55	78.05	63.41	-1,116.29	627.72	557.65	70.07	8.958	
9,200.00	7,075.09	9,109.48	6,945.30	36.45	37.01	78.06	63.29	-1,216.26	627.99	555.07	72.92	8.613	
9,300.00	7,072.47	9,209.48	6,942.77	37.90	38.48	78.08	63.17	-1,316.23	628.25	552.45	75.80	8.289	
9,400.00	7,069.84	9,309.48	6,940.24	39.37	39.97	78.09	63.05	-1,416.20	628.51	549.80	78.71	7.985	
9,500.00	7,067.21	9,409.48	6,937.71	40.86	41.47	78.11	62.94	-1,516.16	628.78	547.12	81.66	7.700	
9,600.00	7,064.58	9,509.48	6,935.18	42.36	42.98	78.12	62.82	-1,616.13	629.04	544.41	84.63	7.433	
9,700.00	7,061.95	9,609.48	6,932.65	43.87	44.51	78.13	62.70	-1,716.10	629.30	541.68	87.62	7.182	
9,800.00	7,059.33	9,709.48	6,930.12	45.39	46.04	78.15	62.58	-1,816.07	629.57	538.93	90.64	6.946	
9,900.00	7,056.70	9,809.48	6,927.59	46.92	47.58	78.16	62.47	-1,916.03	629.83	536.15	93.67	6.724	
10,000.00	7,054.07	9,909.48	6,925.06	48.47	49.14	78.18	62.35	-2,016.00	630.09	533.36	96.73	6.514	
10,100.00	7,051.44	10,009.48	6,922.54	50.02	50.70	78.19	62.23	-2,115.97	630.36	530.56	99.80	6.316	
10,200.00	7,048.81	10,109.48	6,920.01	51.57	52.27	78.21	62.11	-2,215.94	630.62	527.74	102.88	6.129	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,046.19	10,209.48	6,917.48	53.14	53.84	78.22	61.99	-2,315.90	630.88	524.90	105.98	5.953	
10,400.00	7,043.56	10,309.48	6,914.95	54.71	55.42	78.23	61.88	-2,415.87	631.15	522.05	109.09	5.785	
10,500.00	7,040.93	10,409.47	6,912.42	56.29	57.00	78.25	61.76	-2,515.84	631.41	519.20	112.21	5.627	
10,600.00	7,038.30	10,509.47	6,909.89	57.87	58.59	78.26	61.64	-2,615.81	631.67	516.33	115.35	5.476	
10,700.00	7,035.67	10,609.47	6,907.36	59.46	60.19	78.28	61.52	-2,715.77	631.94	513.45	118.49	5.333	
10,800.00	7,033.05	10,709.47	6,904.83	61.05	61.79	78.29	61.40	-2,815.74	632.20	510.56	121.64	5.197	
10,900.00	7,030.42	10,809.47	6,902.30	62.64	63.39	78.30	61.29	-2,915.71	632.46	507.67	124.80	5.068	
11,000.00	7,027.79	10,909.47	6,899.77	64.24	64.99	78.32	61.17	-3,015.68	632.73	504.76	127.96	4.945	
11,100.00	7,025.16	11,009.47	6,897.24	65.84	66.60	78.33	61.05	-3,115.64	632.99	501.85	131.14	4.827	
11,200.00	7,022.53	11,109.47	6,894.71	67.45	68.21	78.35	60.93	-3,215.61	633.26	498.94	134.32	4.715	
11,300.00	7,019.91	11,209.47	6,892.18	69.06	69.83	78.36	60.82	-3,315.58	633.52	496.02	137.50	4.607	
11,400.00	7,017.28	11,309.47	6,889.65	70.67	71.45	78.37	60.70	-3,415.55	633.78	493.09	140.70	4.505	
11,500.00	7,014.65	11,409.47	6,887.12	72.29	73.07	78.39	60.58	-3,515.51	634.05	490.15	143.89	4.406	
11,600.00	7,012.02	11,509.47	6,884.60	73.90	74.69	78.40	60.46	-3,615.48	634.31	487.22	147.09	4.312	
11,700.00	7,009.40	11,609.47	6,882.07	75.52	76.31	78.42	60.34	-3,715.45	634.58	484.27	150.30	4.222	
11,800.00	7,006.77	11,709.47	6,879.54	77.15	77.94	78.43	60.23	-3,815.42	634.84	481.33	153.51	4.135	
11,900.00	7,004.14	11,809.47	6,877.01	78.77	79.57	78.44	60.11	-3,915.38	635.10	478.38	156.73	4.052	
12,000.00	7,001.51	11,909.47	6,874.48	80.40	81.20	78.46	59.99	-4,015.35	635.37	475.42	159.95	3.972	
12,100.00	6,998.88	12,009.47	6,871.95	82.02	82.83	78.47	59.87	-4,115.32	635.63	472.46	163.17	3.896	
12,200.00	6,996.26	12,109.47	6,869.42	83.65	84.46	78.49	59.75	-4,215.29	635.90	469.50	166.40	3.822	
12,300.00	6,993.63	12,209.47	6,866.89	85.28	86.10	78.50	59.64	-4,315.25	636.16	466.53	169.63	3.750	
12,400.00	6,991.00	12,309.47	6,864.36	86.92	87.73	78.51	59.52	-4,415.22	636.42	463.56	172.86	3.682	
12,500.00	6,988.37	12,409.47	6,861.83	88.55	89.37	78.53	59.40	-4,515.19	636.69	460.59	176.10	3.616	
12,600.00	6,985.74	12,509.46	6,859.30	90.19	91.01	78.54	59.28	-4,615.16	636.95	457.62	179.33	3.552	
12,700.00	6,983.12	12,609.46	6,856.77	91.82	92.65	78.56	59.17	-4,715.12	637.22	454.64	182.58	3.490	
12,800.00	6,980.49	12,709.46	6,854.24	93.46	94.29	78.57	59.05	-4,815.09	637.48	451.66	185.82	3.431	
12,900.00	6,977.86	12,809.46	6,851.71	95.10	95.93	78.58	58.93	-4,915.06	637.75	448.68	189.07	3.373	
13,000.00	6,975.23	12,909.46	6,849.18	96.74	97.58	78.60	58.81	-5,015.03	638.01	445.69	192.32	3.318	
13,100.00	6,972.60	13,009.46	6,846.65	98.38	99.22	78.61	58.69	-5,114.99	638.27	442.71	195.57	3.264	
13,200.00	6,969.98	13,109.46	6,844.13	100.03	100.87	78.62	58.58	-5,214.96	638.54	439.72	198.82	3.212	
13,300.00	6,967.35	13,209.46	6,841.60	101.67	102.51	78.64	58.46	-5,314.93	638.80	436.73	202.07	3.161	
13,400.00	6,964.72	13,309.46	6,839.07	103.31	104.16	78.65	58.34	-5,414.90	639.07	433.74	205.33	3.112	
13,500.00	6,962.09	13,409.46	6,836.54	104.96	105.81	78.67	58.22	-5,514.86	639.33	430.74	208.59	3.065	
13,600.00	6,959.47	13,509.46	6,834.01	106.60	107.45	78.68	58.10	-5,614.83	639.60	427.75	211.85	3.019	
13,700.00	6,956.84	13,609.46	6,831.48	108.25	109.10	78.69	57.99	-5,714.80	639.86	424.75	215.11	2.975	
13,800.00	6,954.21	13,709.46	6,828.95	109.90	110.75	78.71	57.87	-5,814.77	640.13	421.75	218.38	2.931	
13,900.00	6,951.58	13,809.46	6,826.42	111.55	112.40	78.72	57.75	-5,914.73	640.39	418.75	221.64	2.889	
14,000.00	6,948.95	13,909.46	6,823.89	113.20	114.05	78.73	57.63	-6,014.70	640.66	415.75	224.91	2.848	
14,100.00	6,946.33	14,009.46	6,821.36	114.84	115.71	78.75	57.52	-6,114.67	640.92	412.74	228.18	2.809	
14,200.00	6,943.70	14,109.46	6,818.83	116.50	117.36	78.76	57.40	-6,214.64	641.19	409.74	231.45	2.770	
14,300.00	6,941.07	14,209.46	6,816.30	118.15	119.01	78.78	57.28	-6,314.60	641.45	406.73	234.72	2.733	
14,400.00	6,938.44	14,309.46	6,813.77	119.80	120.66	78.79	57.16	-6,414.57	641.72	403.72	237.99	2.696	
14,500.00	6,935.81	14,409.46	6,811.24	121.45	122.32	78.80	57.04	-6,514.54	641.98	400.72	241.27	2.661	
14,600.00	6,933.19	14,509.46	6,808.71	123.10	123.97	78.82	56.93	-6,614.51	642.25	397.71	244.54	2.626	
14,700.00	6,930.56	14,609.46	6,806.19	124.75	125.63	78.83	56.81	-6,714.47	642.51	394.69	247.82	2.593	
14,800.00	6,927.93	14,709.45	6,803.66	126.41	127.28	78.84	56.69	-6,814.44	642.78	391.68	251.09	2.560	
14,900.00	6,925.30	14,809.45	6,801.13	128.06	128.94	78.86	56.57	-6,914.41	643.04	388.67	254.37	2.528	
15,000.00	6,922.67	14,909.45	6,798.60	129.72	130.59	78.87	56.45	-7,014.38	643.31	385.65	257.65	2.497	
15,100.00	6,920.05	15,009.45	6,796.07	131.37	132.25	78.89	56.34	-7,114.34	643.57	382.64	260.93	2.466	
15,200.00	6,917.42	15,109.45	6,793.54	133.03	133.91	78.90	56.22	-7,214.31	643.84	379.62	264.21	2.437	
15,300.00	6,914.79	15,210.17	6,791.01	134.68	135.58	78.91	56.10	-7,314.28	644.10	376.59	267.51	2.408	
15,392.03	6,912.37	15,301.48	6,788.68	136.21	137.09	78.92	55.99	-7,406.28	644.35	373.83	270.52	2.382 SF	

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	90.42	-0.73	99.95	99.95				
100.00	100.00	100.00	100.00	3.28	3.28	90.42	-0.73	99.95	99.95	92.42	7.53	13.276	
200.00	200.00	200.00	200.00	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.57	13.197 CC	
300.00	299.98	296.74	296.72	3.35	3.35	-25.44	-0.29	101.52	100.00	92.34	7.65	13.065 ES	
400.00	399.84	393.40	393.26	3.41	3.41	-27.42	1.02	106.24	100.22	92.45	7.76	12.907	
500.00	499.45	489.91	489.41	3.50	3.50	-30.68	3.19	114.07	100.86	92.95	7.91	12.747	
600.00	598.70	586.18	585.01	3.61	3.61	-35.12	6.22	124.99	102.31	94.21	8.10	12.630	
700.00	697.47	682.14	679.86	3.77	3.75	-40.56	10.09	138.95	105.09	96.75	8.34	12.604	
800.00	795.75	781.13	777.43	3.97	3.93	-46.83	14.58	155.13	108.74	100.07	8.67	12.540	
900.00	893.97	880.35	875.20	4.20	4.13	-52.77	19.08	171.36	113.47	104.40	9.07	12.507	
1,000.00	992.20	979.56	972.98	4.45	4.36	-58.19	23.57	187.58	119.32	109.80	9.53	12.522	
1,100.00	1,090.43	1,078.78	1,070.75	4.73	4.61	-63.07	28.07	203.80	126.15	116.12	10.04	12.569	
1,200.00	1,188.66	1,177.99	1,168.53	5.02	4.88	-67.43	32.57	220.03	133.81	123.22	10.59	12.640	
1,300.00	1,286.89	1,277.21	1,266.30	5.34	5.16	-71.30	37.07	236.25	142.15	130.98	11.17	12.727	
1,400.00	1,385.12	1,376.42	1,364.08	5.66	5.45	-74.73	41.57	252.48	151.07	139.29	11.78	12.824	
1,500.00	1,483.35	1,475.64	1,461.86	6.00	5.75	-77.77	46.07	268.70	160.46	148.05	12.41	12.926	
1,600.00	1,581.57	1,574.85	1,559.63	6.34	6.06	-80.46	50.57	284.92	170.26	157.20	13.07	13.031	
1,700.00	1,679.80	1,674.07	1,657.41	6.69	6.37	-82.87	55.07	301.15	180.40	166.66	13.73	13.137	
1,800.00	1,778.03	1,773.28	1,755.18	7.05	6.70	-85.01	59.57	317.37	190.81	176.40	14.41	13.241	
1,900.00	1,876.26	1,872.50	1,852.96	7.25	6.91	-86.93	64.07	333.60	201.47	187.02	14.45	13.945	
2,000.00	1,974.49	1,971.71	1,950.74	7.29	6.99	-88.66	68.57	349.82	212.32	197.74	14.58	14.565	
2,100.00	2,072.72	2,070.92	2,048.51	7.35	7.04	-90.22	73.07	366.04	223.35	208.65	14.70	15.197	
2,200.00	2,170.95	2,170.14	2,146.29	7.43	7.11	-91.63	77.57	382.27	234.53	219.68	14.85	15.797	
2,300.00	2,269.18	2,269.35	2,244.06	7.52	7.19	-92.92	82.07	398.49	245.83	230.81	15.03	16.361	
2,400.00	2,367.40	2,368.57	2,341.84	7.63	7.28	-94.08	86.57	414.71	257.25	242.02	15.23	16.888	
2,500.00	2,465.63	2,467.78	2,439.61	7.76	7.39	-95.16	91.06	430.94	268.76	253.30	15.47	17.376	
2,600.00	2,563.86	2,567.00	2,537.39	7.90	7.51	-96.14	95.56	447.16	280.36	264.63	15.73	17.825	
2,700.00	2,662.09	2,666.21	2,635.17	8.05	7.65	-97.04	100.06	463.39	292.04	276.02	16.01	18.235	
2,800.00	2,760.32	2,765.43	2,732.94	8.21	7.79	-97.88	104.56	479.61	303.78	287.45	16.32	18.608	
2,900.00	2,858.55	2,864.64	2,830.72	8.39	7.95	-98.65	109.06	495.83	315.58	298.92	16.66	18.945	
3,000.00	2,956.78	2,963.86	2,928.49	8.58	8.12	-99.37	113.56	512.06	327.43	310.42	17.01	19.249	
3,100.00	3,055.01	3,063.07	3,026.27	8.78	8.29	-100.03	118.06	528.28	339.33	321.94	17.38	19.520	
3,200.00	3,153.23	3,162.29	3,124.05	8.99	8.48	-100.65	122.56	544.50	351.27	333.49	17.78	19.761	
3,300.00	3,251.46	3,261.50	3,221.82	9.21	8.68	-101.23	127.06	560.73	363.25	345.06	18.18	19.976	
3,400.00	3,349.69	3,360.72	3,319.60	9.43	8.88	-101.78	131.56	576.95	375.26	356.65	18.61	20.165	
3,500.00	3,447.92	3,459.93	3,417.37	9.67	9.09	-102.29	136.06	593.18	387.30	368.25	19.05	20.331	
3,600.00	3,546.15	3,559.15	3,515.15	9.91	9.31	-102.77	140.56	609.40	399.38	379.87	19.50	20.477	
3,700.00	3,644.38	3,658.36	3,612.92	10.16	9.54	-103.22	145.06	625.62	411.48	391.51	19.97	20.603	
3,800.00	3,742.61	3,757.58	3,710.70	10.41	9.77	-103.64	149.56	641.85	423.60	403.15	20.45	20.713	
3,900.00	3,840.84	3,856.79	3,808.48	10.68	10.01	-104.04	154.05	658.07	435.74	414.80	20.94	20.808	
4,000.00	3,939.06	3,956.01	3,906.25	10.94	10.25	-104.42	158.55	674.29	447.91	426.47	21.44	20.889	
4,100.00	4,037.29	4,055.22	4,004.03	11.21	10.50	-104.78	163.05	690.52	460.09	438.14	21.95	20.958	
4,200.00	4,135.52	4,154.43	4,101.80	11.49	10.75	-105.12	167.55	706.74	472.29	449.82	22.47	21.016	
4,300.00	4,233.75	4,253.65	4,199.58	11.77	11.01	-105.45	172.05	722.97	484.51	461.51	23.00	21.064	
4,400.00	4,331.98	4,352.86	4,297.36	12.06	11.27	-105.76	176.55	739.19	496.74	473.20	23.54	21.104	
4,500.00	4,430.21	4,452.08	4,395.13	12.35	11.53	-106.05	181.05	755.41	508.98	484.90	24.08	21.136	
4,600.00	4,528.44	4,551.29	4,492.91	12.64	11.80	-106.33	185.55	771.64	521.24	496.61	24.63	21.162	
4,700.00	4,626.67	4,650.51	4,590.68	12.93	12.07	-106.60	190.05	787.86	533.51	508.32	25.19	21.181	
4,800.00	4,724.89	4,749.72	4,688.46	13.23	12.35	-106.85	194.55	804.08	545.78	520.03	25.75	21.195	
4,900.00	4,823.12	4,848.94	4,786.23	13.54	12.63	-107.09	199.05	820.31	558.07	531.75	26.32	21.205	
5,000.00	4,921.35	4,948.15	4,884.01	13.84	12.91	-107.33	203.55	836.53	570.37	543.48	26.89	21.210	
5,100.00	5,019.58	5,047.37	4,981.79	14.15	13.19	-107.55	208.05	852.76	582.68	555.21	27.47	21.212	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	
5,200.00	5,117.81	5,146.58	5,079.56	14.46	13.47	-107.76	212.55	868.98	594.99	566.94	28.05	21.210	
5,300.00	5,216.04	5,245.80	5,177.34	14.77	13.76	-107.97	217.05	885.20	607.32	578.68	28.64	21.206	
5,400.00	5,314.27	5,345.01	5,275.11	15.08	14.05	-108.17	221.54	901.43	619.65	590.42	29.23	21.199	
5,500.00	5,412.50	5,444.23	5,372.89	15.40	14.34	-108.35	226.04	917.65	631.99	602.16	29.82	21.190	
5,600.00	5,510.72	5,543.44	5,470.67	15.71	14.63	-108.54	230.54	933.87	644.33	613.91	30.42	21.179	
5,700.00	5,608.95	5,642.66	5,568.44	16.03	14.93	-108.71	235.04	950.10	656.68	625.66	31.02	21.167	
5,800.00	5,707.18	5,741.87	5,666.22	16.35	15.22	-108.88	239.54	966.32	669.04	637.41	31.63	21.153	
5,900.00	5,805.41	5,841.09	5,763.99	16.68	15.52	-109.04	244.04	982.55	681.40	649.16	32.24	21.138	
6,000.00	5,903.64	5,940.30	5,861.77	17.00	15.82	-109.20	248.54	998.77	693.76	660.92	32.85	21.121	
6,100.00	6,001.87	6,039.52	5,959.54	17.33	16.12	-109.35	253.04	1,014.99	706.14	672.68	33.46	21.104	
6,200.00	6,100.10	6,138.73	6,057.32	17.65	16.42	-109.50	257.54	1,031.22	718.51	684.44	34.08	21.086	
6,300.00	6,198.33	6,237.94	6,155.10	17.98	16.73	-109.64	262.04	1,047.44	730.89	696.20	34.69	21.067	
6,400.00	6,296.55	6,337.16	6,252.87	18.31	17.03	-109.78	266.54	1,063.66	743.28	707.97	35.31	21.048	
6,500.00	6,394.83	6,436.37	6,350.65	18.63	17.34	-114.86	271.04	1,079.89	755.70	719.77	35.93	21.034	
6,600.00	6,494.21	6,534.94	6,447.78	18.81	17.64	172.93	275.51	1,096.01	769.20	732.77	36.43	21.113	
6,700.00	6,593.31	6,646.59	6,558.79	18.92	17.87	120.68	280.55	1,105.29	783.63	746.82	36.81	21.288	
6,800.00	6,689.68	6,762.85	6,674.25	18.97	18.01	109.50	285.65	1,094.23	797.77	760.75	37.02	21.550	
6,900.00	6,780.96	6,882.96	6,789.37	18.98	18.06	105.06	290.58	1,060.96	811.10	774.02	37.07	21.878	
7,000.00	6,864.89	7,006.41	6,899.03	18.95	18.06	102.54	295.11	1,004.87	823.12	786.11	37.01	22.238	
7,100.00	6,939.42	7,132.37	6,997.66	18.90	18.03	100.75	298.99	926.95	833.40	796.49	36.91	22.579	
7,200.00	7,002.70	7,259.73	7,079.86	18.86	18.04	99.27	302.00	830.00	841.58	804.72	36.87	22.826	
7,300.00	7,053.18	7,387.15	7,141.21	18.85	18.17	97.94	303.97	718.58	847.45	810.45	37.00	22.903	
7,400.00	7,089.61	7,513.27	7,178.94	18.89	18.45	96.69	304.82	598.45	850.89	813.50	37.39	22.760	
7,500.00	7,111.10	7,636.89	7,192.29	19.02	18.88	95.51	304.56	475.75	851.95	813.91	38.04	22.398	
7,600.00	7,117.12	7,741.52	7,189.55	19.24	19.38	94.89	303.71	371.17	851.46	812.56	38.90	21.887	
7,700.00	7,114.51	7,841.52	7,186.37	19.62	19.99	94.85	302.87	271.22	850.98	811.00	39.98	21.284	
7,800.00	7,111.88	7,941.51	7,183.19	20.15	20.71	94.82	302.03	171.28	850.50	809.19	41.31	20.589	
7,900.00	7,109.26	8,041.51	7,180.01	20.84	21.54	94.78	301.19	71.33	850.02	807.17	42.86	19.834	
8,000.00	7,106.63	8,141.51	7,176.83	21.65	22.46	94.75	300.34	-28.61	849.54	804.94	44.60	19.047	
8,100.00	7,104.00	8,241.51	7,173.66	22.56	23.46	94.71	299.50	-128.55	849.07	802.54	46.52	18.250	
8,200.00	7,101.37	8,341.50	7,170.48	23.57	24.54	94.68	298.66	-228.50	848.59	799.99	48.60	17.461	
8,300.00	7,098.74	8,441.50	7,167.30	24.65	25.68	94.65	297.82	-328.44	848.11	797.30	50.81	16.691	
8,400.00	7,096.12	8,541.50	7,164.12	25.79	26.87	94.61	296.98	-428.38	847.63	794.49	53.14	15.950	
8,500.00	7,093.49	8,641.50	7,160.94	26.99	28.11	94.58	296.14	-528.33	847.16	791.58	55.58	15.243	
8,600.00	7,090.86	8,741.49	7,157.76	28.24	29.40	94.54	295.30	-628.27	846.68	788.58	58.10	14.572	
8,700.00	7,088.23	8,841.49	7,154.58	29.53	30.72	94.51	294.45	-728.21	846.20	785.50	60.71	13.939	
8,800.00	7,085.60	8,941.49	7,151.40	30.86	32.07	94.47	293.61	-828.16	845.73	782.35	63.38	13.344	
8,900.00	7,082.98	9,041.49	7,148.22	32.22	33.46	94.44	292.77	-928.10	845.25	779.14	66.11	12.785	
9,000.00	7,080.35	9,141.48	7,145.04	33.60	34.87	94.40	291.93	-1,028.04	844.78	775.87	68.90	12.261	
9,100.00	7,077.72	9,241.48	7,141.86	35.02	36.30	94.37	291.09	-1,127.99	844.30	772.56	71.74	11.769	
9,200.00	7,075.09	9,341.48	7,138.68	36.45	37.75	94.33	290.25	-1,227.93	843.83	769.21	74.61	11.309	
9,300.00	7,072.47	9,441.48	7,135.50	37.90	39.21	94.30	289.40	-1,327.87	843.35	765.82	77.53	10.878	
9,400.00	7,069.84	9,541.47	7,132.32	39.37	40.70	94.26	288.56	-1,427.82	842.88	762.40	80.48	10.474	
9,500.00	7,067.21	9,641.47	7,129.14	40.86	42.19	94.22	287.72	-1,527.76	842.40	758.95	83.45	10.094	
9,600.00	7,064.58	9,741.47	7,125.96	42.36	43.70	94.19	286.88	-1,627.70	841.93	755.47	86.46	9.738	
9,700.00	7,061.95	9,841.47	7,122.79	43.87	45.23	94.15	286.04	-1,727.65	841.46	751.97	89.49	9.403	
9,800.00	7,059.33	9,941.47	7,119.61	45.39	46.76	94.12	285.20	-1,827.59	840.98	748.45	92.54	9.088	
9,900.00	7,056.70	10,041.46	7,116.43	46.92	48.30	94.08	284.35	-1,927.53	840.51	744.91	95.60	8.792	
10,000.00	7,054.07	10,141.46	7,113.25	48.47	49.85	94.05	283.51	-2,027.48	840.04	741.35	98.69	8.512	
10,100.00	7,051.44	10,241.46	7,110.07	50.02	51.40	94.01	282.67	-2,127.42	839.57	737.77	101.79	8.248	
10,200.00	7,048.81	10,341.46	7,106.89	51.57	52.97	93.98	281.83	-2,227.36	839.10	734.18	104.91	7.998	
10,300.00	7,046.19	10,441.45	7,103.71	53.14	54.54	93.94	280.99	-2,327.31	838.63	730.58	108.04	7.762	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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
10,400.00	7,043.56	10,541.45	7,100.53	54.71	56.11	93.91	280.15	-2,427.25	838.15	726.97	111.19	7.538	
10,500.00	7,040.93	10,641.45	7,097.35	56.29	57.69	93.87	279.31	-2,527.19	837.68	723.34	114.34	7.326	
10,600.00	7,038.30	10,741.45	7,094.17	57.87	59.28	93.83	278.46	-2,627.14	837.21	719.71	117.51	7.125	
10,700.00	7,035.67	10,841.44	7,090.99	59.46	60.87	93.80	277.62	-2,727.08	836.74	716.06	120.68	6.934	
10,800.00	7,033.05	10,941.44	7,087.81	61.05	62.47	93.76	276.78	-2,827.02	836.27	712.41	123.86	6.752	
10,900.00	7,030.42	11,041.44	7,084.63	62.64	64.06	93.73	275.94	-2,926.97	835.80	708.75	127.06	6.578	
11,000.00	7,027.79	11,141.44	7,081.45	64.24	65.67	93.69	275.10	-3,026.91	835.34	705.08	130.26	6.413	
11,100.00	7,025.16	11,241.43	7,078.27	65.84	67.27	93.66	274.26	-3,126.86	834.87	701.41	133.46	6.255	
11,200.00	7,022.53	11,341.43	7,075.09	67.45	68.88	93.62	273.41	-3,226.80	834.40	697.72	136.67	6.105	
11,300.00	7,019.91	11,441.43	7,071.91	69.06	70.49	93.58	272.57	-3,326.74	833.93	694.04	139.89	5.961	
11,400.00	7,017.28	11,541.43	7,068.74	70.67	72.11	93.55	271.73	-3,426.69	833.46	690.34	143.12	5.824	
11,500.00	7,014.65	11,641.42	7,065.56	72.29	73.72	93.51	270.89	-3,526.63	833.00	686.65	146.35	5.692	
11,600.00	7,012.02	11,741.42	7,062.38	73.90	75.34	93.48	270.05	-3,626.57	832.53	682.94	149.58	5.566	
11,700.00	7,009.40	11,841.42	7,059.20	75.52	76.97	93.44	269.21	-3,726.52	832.06	679.24	152.82	5.445	
11,800.00	7,006.77	11,941.42	7,056.02	77.15	78.59	93.40	268.36	-3,826.46	831.60	675.53	156.07	5.328	
11,900.00	7,004.14	12,041.41	7,052.84	78.77	80.21	93.37	267.52	-3,926.40	831.13	671.81	159.32	5.217	
12,000.00	7,001.51	12,141.41	7,049.66	80.40	81.84	93.33	266.68	-4,026.35	830.66	668.09	162.57	5.110	
12,100.00	6,998.88	12,241.41	7,046.48	82.02	83.47	93.29	265.84	-4,126.29	830.20	664.37	165.83	5.006	
12,200.00	6,996.26	12,341.41	7,043.30	83.65	85.10	93.26	265.00	-4,226.23	829.73	660.65	169.09	4.907	
12,300.00	6,993.63	12,441.40	7,040.12	85.28	86.73	93.22	264.16	-4,326.18	829.27	656.92	172.35	4.812	
12,400.00	6,991.00	12,541.40	7,036.94	86.92	88.37	93.19	263.32	-4,426.12	828.81	653.19	175.62	4.719	
12,500.00	6,988.37	12,641.40	7,033.76	88.55	90.00	93.15	262.47	-4,526.06	828.34	649.46	178.89	4.631	
12,600.00	6,985.74	12,741.40	7,030.58	90.19	91.64	93.11	261.63	-4,626.01	827.88	645.72	182.16	4.545	
12,700.00	6,983.12	12,841.39	7,027.40	91.82	93.28	93.08	260.79	-4,725.95	827.41	641.98	185.43	4.462	
12,800.00	6,980.49	12,941.39	7,024.22	93.46	94.91	93.04	259.95	-4,825.89	826.95	638.24	188.71	4.382	
12,900.00	6,977.86	13,041.39	7,021.04	95.10	96.55	93.00	259.11	-4,925.84	826.49	634.50	191.99	4.305	
13,000.00	6,975.23	13,141.39	7,017.86	96.74	98.20	92.97	258.27	-5,025.78	826.03	630.76	195.27	4.230	
13,100.00	6,972.60	13,241.38	7,014.69	98.38	99.84	92.93	257.42	-5,125.72	825.57	627.01	198.55	4.158	
13,200.00	6,969.98	13,341.38	7,011.51	100.03	101.48	92.89	256.58	-5,225.67	825.10	623.26	201.84	4.088	
13,300.00	6,967.35	13,441.38	7,008.33	101.67	103.12	92.86	255.74	-5,325.61	824.64	619.51	205.13	4.020	
13,400.00	6,964.72	13,541.38	7,005.15	103.31	104.77	92.82	254.90	-5,425.55	824.18	615.76	208.42	3.954	
13,500.00	6,962.09	13,641.37	7,001.97	104.96	106.41	92.78	254.06	-5,525.50	823.72	612.01	211.71	3.891	
13,600.00	6,959.47	13,741.37	6,998.79	106.60	108.06	92.75	253.22	-5,625.44	823.26	608.26	215.00	3.829	
13,700.00	6,956.84	13,841.37	6,995.61	108.25	109.71	92.71	252.38	-5,725.38	822.80	604.50	218.30	3.769	
13,800.00	6,954.21	13,941.37	6,992.43	109.90	111.35	92.67	251.53	-5,825.33	822.34	600.74	221.60	3.711	
13,900.00	6,951.58	14,041.36	6,989.25	111.55	113.00	92.63	250.69	-5,925.27	821.88	596.99	224.89	3.655	
14,000.00	6,948.95	14,141.36	6,986.07	113.20	114.65	92.60	249.85	-6,025.21	821.42	593.23	228.19	3.600	
14,100.00	6,946.33	14,241.36	6,982.89	114.84	116.30	92.56	249.01	-6,125.16	820.96	589.47	231.50	3.546	
14,200.00	6,943.70	14,341.36	6,979.71	116.50	117.95	92.52	248.17	-6,225.10	820.51	585.71	234.80	3.495	
14,300.00	6,941.07	14,441.35	6,976.53	118.15	119.60	92.49	247.33	-6,325.05	820.05	581.95	238.10	3.444	
14,400.00	6,938.44	14,541.35	6,973.35	119.80	121.25	92.45	246.48	-6,424.99	819.59	578.18	241.41	3.395	
14,500.00	6,935.81	14,641.35	6,970.17	121.45	122.91	92.41	245.64	-6,524.93	819.13	574.42	244.71	3.347	
14,600.00	6,933.19	14,741.35	6,966.99	123.10	124.56	92.37	244.80	-6,624.88	818.68	570.66	248.02	3.301	
14,700.00	6,930.56	14,841.34	6,963.81	124.75	126.21	92.34	243.96	-6,724.82	818.22	566.89	251.33	3.256	
14,800.00	6,927.93	14,941.34	6,960.64	126.41	127.86	92.30	243.12	-6,824.76	817.76	563.13	254.64	3.211	
14,900.00	6,925.30	15,041.34	6,957.46	128.06	129.52	92.26	242.28	-6,924.71	817.31	559.36	257.95	3.168	
15,000.00	6,922.67	15,141.34	6,954.28	129.72	131.17	92.22	241.43	-7,024.65	816.85	555.59	261.26	3.127	
15,100.00	6,920.05	15,241.33	6,951.10	131.37	132.83	92.19	240.59	-7,124.59	816.40	551.83	264.57	3.086	
15,200.00	6,917.42	15,341.33	6,947.92	133.03	134.48	92.15	239.75	-7,224.54	815.94	548.06	267.89	3.046	
15,300.00	6,914.79	15,441.33	6,944.74	134.68	136.14	92.11	238.91	-7,324.48	815.49	544.29	271.20	3.007	
15,392.03	6,912.37	15,533.36	6,941.81	136.21	137.66	92.08	238.14	-7,416.46	815.07	540.82	274.25	2.972 SF	

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-90.00	0.00	-20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	-90.00	0.00	-20.05	20.05	12.52	7.53	2.662	
200.00	200.00	200.00	200.00	3.31	3.31	-90.00	0.00	-20.05	20.05	12.47	7.57	2.647	CC, ES
300.00	299.98	300.30	300.30	3.35	3.35	156.15	-0.24	-19.68	21.26	13.61	7.66	2.777	
400.00	399.84	400.95	400.88	3.41	3.41	156.80	-2.18	-16.72	23.07	15.30	7.77	2.969	
500.00	499.45	501.65	501.33	3.50	3.49	156.32	-6.05	-10.80	25.08	17.16	7.92	3.165	
600.00	598.70	602.40	601.51	3.61	3.60	154.97	-11.85	-1.93	27.30	19.18	8.12	3.361	
700.00	697.47	703.20	701.31	3.77	3.75	152.99	-19.59	9.89	29.76	21.39	8.37	3.554	
800.00	795.75	804.04	800.59	3.97	3.93	150.00	-29.24	24.64	31.94	23.25	8.69	3.676	
900.00	893.97	904.13	898.72	4.20	4.16	145.17	-40.03	41.12	32.76	23.66	9.10	3.599	
1,000.00	992.20	1,004.08	996.72	4.45	4.41	140.57	-50.82	57.61	33.77	24.19	9.59	3.523	
1,100.00	1,090.43	1,104.04	1,094.72	4.73	4.69	136.26	-61.61	74.10	34.99	24.87	10.13	3.456	
1,200.00	1,188.66	1,204.00	1,192.71	5.02	5.00	132.26	-72.40	90.59	36.40	25.68	10.72	3.396	
1,300.00	1,286.89	1,303.96	1,290.71	5.34	5.31	128.57	-83.19	107.08	37.97	26.61	11.35	3.344	
1,400.00	1,385.12	1,403.92	1,388.71	5.66	5.65	125.19	-93.98	123.57	39.68	27.65	12.02	3.300	
1,500.00	1,483.35	1,503.88	1,486.71	6.00	5.99	122.10	-104.77	140.06	41.52	28.79	12.72	3.263	
1,600.00	1,581.57	1,603.84	1,584.70	6.34	6.34	119.27	-115.56	156.55	43.47	30.02	13.44	3.233	
1,700.00	1,679.80	1,703.80	1,682.70	6.69	6.71	116.70	-126.35	173.04	45.51	31.33	14.18	3.209	
1,800.00	1,778.03	1,803.76	1,780.70	7.05	7.07	114.35	-137.14	189.53	47.64	32.71	14.93	3.191	
1,900.00	1,876.26	1,903.72	1,878.69	7.25	7.27	112.20	-147.93	206.02	49.84	34.87	14.97	3.330	
2,000.00	1,974.49	2,003.68	1,976.69	7.29	7.31	110.24	-158.72	222.51	52.11	37.02	15.09	3.454	
2,100.00	2,072.72	2,103.63	2,074.69	7.35	7.38	108.45	-169.51	239.00	54.43	39.20	15.23	3.573	
2,200.00	2,170.95	2,203.59	2,172.69	7.43	7.46	106.80	-180.31	255.49	56.80	41.39	15.41	3.686	
2,300.00	2,269.18	2,303.55	2,270.68	7.52	7.56	105.29	-191.10	271.98	59.22	43.60	15.62	3.791	
2,400.00	2,367.40	2,403.51	2,368.68	7.63	7.68	103.89	-201.89	288.47	61.67	45.81	15.86	3.889	
2,500.00	2,465.63	2,503.47	2,466.68	7.76	7.81	102.60	-212.68	304.96	64.16	48.03	16.12	3.979	
2,600.00	2,563.86	2,603.43	2,564.68	7.90	7.95	101.41	-223.47	321.45	66.67	50.26	16.41	4.062	
2,700.00	2,662.09	2,703.39	2,662.67	8.05	8.11	100.31	-234.26	337.94	69.22	52.48	16.73	4.137	
2,800.00	2,760.32	2,803.35	2,760.67	8.21	8.29	99.28	-245.05	354.43	71.78	54.71	17.07	4.205	
2,900.00	2,858.55	2,903.31	2,858.67	8.39	8.47	98.33	-255.84	370.92	74.37	56.93	17.44	4.265	
3,000.00	2,956.78	3,003.27	2,956.67	8.58	8.67	97.44	-266.63	387.41	76.98	59.16	17.82	4.319	
3,100.00	3,055.01	3,103.23	3,054.66	8.78	8.88	96.61	-277.42	403.90	79.60	61.37	18.23	4.367	
3,200.00	3,153.23	3,203.19	3,152.66	8.99	9.10	95.83	-288.21	420.38	82.24	63.59	18.65	4.409	
3,300.00	3,251.46	3,303.14	3,250.66	9.21	9.32	95.10	-299.00	436.87	84.90	65.80	19.09	4.446	
3,400.00	3,349.69	3,403.10	3,348.66	9.43	9.56	94.42	-309.79	453.36	87.57	68.01	19.55	4.479	
3,500.00	3,447.92	3,503.06	3,446.65	9.67	9.80	93.77	-320.58	469.85	90.24	70.22	20.02	4.507	
3,600.00	3,546.15	3,603.02	3,544.65	9.91	10.06	93.16	-331.37	486.34	92.93	72.42	20.51	4.531	
3,700.00	3,644.38	3,702.98	3,642.65	10.16	10.32	92.59	-342.16	502.83	95.63	74.62	21.01	4.552	
3,800.00	3,742.61	3,802.94	3,740.64	10.41	10.58	92.05	-352.95	519.32	98.34	76.82	21.52	4.569	
3,900.00	3,840.84	3,902.90	3,838.64	10.68	10.85	91.54	-363.74	535.81	101.06	79.01	22.05	4.584	
4,000.00	3,939.06	4,002.86	3,936.64	10.94	11.13	91.05	-374.53	552.30	103.79	81.21	22.58	4.596	
4,100.00	4,037.29	4,102.82	4,034.64	11.21	11.41	90.59	-385.32	568.79	106.52	83.40	23.12	4.607	
4,200.00	4,135.52	4,202.78	4,132.63	11.49	11.70	90.15	-396.11	585.28	109.26	85.58	23.67	4.615	
4,300.00	4,233.75	4,302.74	4,230.63	11.77	11.99	89.74	-406.91	601.77	112.00	87.77	24.24	4.621	
4,400.00	4,331.98	4,402.69	4,328.63	12.06	12.28	89.34	-417.70	618.26	114.75	89.95	24.80	4.626	
4,500.00	4,430.21	4,502.65	4,426.63	12.35	12.58	88.96	-428.49	634.75	117.51	92.13	25.38	4.630	
4,600.00	4,528.44	4,602.61	4,524.62	12.64	12.88	88.60	-439.28	651.24	120.27	94.31	25.96	4.633	
4,700.00	4,626.67	4,702.57	4,622.62	12.93	13.19	88.26	-450.07	667.73	123.03	96.48	26.55	4.634	
4,800.00	4,724.89	4,802.53	4,720.62	13.23	13.50	87.93	-460.86	684.22	125.80	98.66	27.14	4.635	
4,900.00	4,823.12	4,902.49	4,818.62	13.54	13.81	87.61	-471.65	700.71	128.57	100.83	27.74	4.634	
5,000.00	4,921.35	5,002.45	4,916.61	13.84	14.12	87.31	-482.44	717.20	131.35	103.00	28.35	4.633	
5,100.00	5,019.58	5,102.41	5,014.61	14.15	14.44	87.02	-493.23	733.69	134.13	105.17	28.96	4.632	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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
5,200.00	5,117.81	5,202.37	5,112.61	14.46	14.76	86.75	-504.02	750.18	136.91	107.34	29.57	4.630	
5,300.00	5,216.04	5,302.33	5,210.61	14.77	15.08	86.48	-514.81	766.67	139.70	109.51	30.19	4.627	
5,400.00	5,314.27	5,402.29	5,308.60	15.08	15.41	86.22	-525.60	783.15	142.49	111.68	30.81	4.625	
5,500.00	5,412.50	5,502.24	5,406.60	15.40	15.73	85.98	-536.39	799.64	145.28	113.85	31.44	4.621	
5,600.00	5,510.72	5,602.20	5,504.60	15.71	16.06	85.74	-547.18	816.13	148.08	116.01	32.07	4.618	
5,700.00	5,608.95	5,702.16	5,602.59	16.03	16.39	85.51	-557.97	832.62	150.88	118.18	32.70	4.614	
5,800.00	5,707.18	5,802.12	5,700.59	16.35	16.72	85.29	-568.76	849.11	153.68	120.34	33.33	4.610	
5,900.00	5,805.41	5,902.08	5,798.59	16.68	17.05	85.08	-579.55	865.60	156.48	122.50	33.97	4.606	
6,000.00	5,903.64	6,002.04	5,896.59	17.00	17.38	84.88	-590.34	882.09	159.28	124.67	34.61	4.602	
6,100.00	6,001.87	6,102.00	5,994.58	17.33	17.72	84.68	-601.13	898.58	162.09	126.83	35.26	4.597	
6,200.00	6,100.10	6,201.96	6,092.58	17.65	18.05	84.49	-611.92	915.07	164.89	128.99	35.90	4.593	
6,300.00	6,198.33	6,301.92	6,190.58	17.98	18.39	84.31	-622.71	931.56	167.70	131.15	36.55	4.588	
6,400.00	6,296.55	6,401.88	6,288.58	18.31	18.73	84.13	-633.51	948.05	170.51	133.31	37.20	4.583	
6,500.00	6,394.83	6,501.83	6,386.57	18.63	19.07	79.15	-644.30	964.54	173.22	135.38	37.84	4.578	
6,600.00	6,494.21	6,601.15	6,483.93	18.81	19.41	3.88	-655.02	980.92	172.66	134.49	38.16	4.524	
6,700.00	6,593.31	6,697.43	6,578.33	18.92	19.73	-57.00	-665.41	996.79	169.98	131.97	38.01	4.472	
6,727.20	6,619.89	6,722.36	6,602.87	18.94	19.79	-64.23	-668.12	1,000.24	169.75	131.91	37.84	4.486	
6,800.00	6,689.68	6,790.71	6,670.63	18.97	19.92	-78.44	-675.63	1,004.71	171.44	134.13	37.31	4.595	
6,900.00	6,780.96	6,888.91	6,767.91	18.98	20.06	-92.67	-686.51	998.31	179.24	142.74	36.50	4.911	
7,000.00	6,864.89	6,992.94	6,868.59	18.95	20.14	-103.82	-697.89	975.22	192.55	156.89	35.66	5.400	
7,100.00	6,939.42	7,103.81	6,970.22	18.90	20.17	-112.73	-709.51	932.83	209.71	174.95	34.75	6.034	
7,200.00	7,002.70	7,222.45	7,069.09	18.86	20.14	-119.74	-720.99	868.59	228.66	194.89	33.77	6.771	
7,300.00	7,053.18	7,349.54	7,159.89	18.85	20.07	-125.11	-731.75	780.61	247.31	214.45	32.86	7.526	
7,400.00	7,089.61	7,485.19	7,235.59	18.89	20.00	-129.03	-741.00	668.75	263.67	231.31	32.36	8.147	
7,500.00	7,111.10	7,628.52	7,288.10	19.02	19.97	-131.63	-747.82	535.88	275.98	243.32	32.66	8.451	
7,600.00	7,117.12	7,777.43	7,310.00	19.24	20.06	-132.99	-751.33	388.98	282.86	248.96	33.90	8.344	
7,700.00	7,114.51	7,908.85	7,307.68	19.62	20.37	-133.05	-751.91	275.30	283.10	248.15	34.95	8.099	
7,800.00	7,111.88	7,991.15	7,304.51	20.15	20.73	-132.98	-752.29	175.35	282.71	246.94	35.77	7.905	
7,900.00	7,109.26	8,108.86	7,301.34	20.84	21.45	-132.90	-752.67	75.41	282.32	245.39	36.93	7.646	
8,000.00	7,106.63	8,208.86	7,298.16	21.65	22.22	-132.82	-753.05	-24.54	281.93	243.75	38.18	7.384	
8,100.00	7,104.00	8,308.86	7,294.99	22.56	23.11	-132.74	-753.43	-124.49	281.53	241.94	39.59	7.111	
8,200.00	7,101.37	8,408.86	7,291.82	23.57	24.09	-132.67	-753.81	-224.44	281.14	240.00	41.14	6.833	
8,300.00	7,098.74	8,491.14	7,288.64	24.65	24.96	-132.59	-754.18	-324.38	280.76	238.08	42.67	6.579	
8,400.00	7,096.12	8,608.86	7,285.47	25.79	26.27	-132.51	-754.56	-424.33	280.37	235.75	44.62	6.284	
8,500.00	7,093.49	8,708.87	7,282.30	26.99	27.45	-132.43	-754.94	-524.28	279.98	233.47	46.51	6.020	
8,600.00	7,090.86	8,808.87	7,279.13	28.24	28.68	-132.35	-755.32	-624.23	279.59	231.10	48.49	5.766	
8,700.00	7,088.23	8,891.13	7,275.95	29.53	29.72	-132.28	-755.70	-724.17	279.20	228.83	50.38	5.542	
8,800.00	7,085.60	8,991.13	7,272.78	30.86	31.03	-132.20	-756.08	-824.12	278.81	226.31	52.50	5.310	
8,900.00	7,082.98	9,108.87	7,269.61	32.22	32.60	-132.12	-756.46	-924.07	278.43	223.54	54.89	5.073	
9,000.00	7,080.35	9,208.87	7,266.44	33.60	33.97	-132.04	-756.84	-1,024.02	278.04	220.90	57.14	4.866	
9,100.00	7,077.72	9,308.87	7,263.26	35.02	35.37	-131.96	-757.22	-1,123.96	277.66	218.21	59.44	4.671	
9,200.00	7,075.09	9,408.88	7,260.09	36.45	36.79	-131.88	-757.60	-1,223.91	277.27	215.48	61.79	4.487	
9,300.00	7,072.47	9,508.88	7,256.92	37.90	38.23	-131.80	-757.98	-1,323.86	276.89	212.71	64.18	4.314	
9,400.00	7,069.84	9,608.88	7,253.75	39.37	39.68	-131.72	-758.36	-1,423.81	276.50	209.90	66.61	4.151	
9,500.00	7,067.21	9,708.88	7,250.57	40.86	41.15	-131.64	-758.74	-1,523.75	276.12	207.05	69.07	3.998	
9,600.00	7,064.58	9,808.88	7,247.40	42.36	42.64	-131.56	-759.12	-1,623.70	275.74	204.18	71.56	3.853	
9,700.00	7,061.95	9,908.88	7,244.23	43.87	44.14	-131.48	-759.50	-1,723.65	275.35	201.28	74.08	3.717	
9,800.00	7,059.33	10,008.88	7,241.05	45.39	45.65	-131.39	-759.88	-1,823.60	274.97	198.35	76.62	3.589	
9,900.00	7,056.70	10,091.11	7,237.88	46.92	46.90	-131.31	-760.26	-1,923.54	274.59	195.63	78.96	3.477	
10,000.00	7,054.07	10,208.89	7,234.71	48.47	48.71	-131.23	-760.64	-2,023.49	274.21	192.43	81.78	3.353	
10,100.00	7,051.44	10,308.89	7,231.54	50.02	50.25	-131.15	-761.02	-2,123.44	273.83	189.45	84.39	3.245	
10,200.00	7,048.81	10,391.11	7,228.36	51.57	51.52	-131.07	-761.40	-2,223.39	273.45	186.67	86.79	3.151	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	7,046.19	10,508.89	7,225.19	53.14	53.35	-130.98	-761.77	-2,323.33	273.07	183.41	89.66	3.046	
10,400.00	7,043.56	10,608.89	7,222.02	54.71	54.92	-130.90	-762.15	-2,423.28	272.69	180.37	92.32	2.954	
10,500.00	7,040.93	10,708.90	7,218.85	56.29	56.48	-130.82	-762.53	-2,523.23	272.32	177.32	95.00	2.867	
10,600.00	7,038.30	10,808.90	7,215.67	57.87	58.06	-130.74	-762.91	-2,623.17	271.94	174.25	97.69	2.784	
10,700.00	7,035.67	10,908.90	7,212.50	59.46	59.64	-130.65	-763.29	-2,723.12	271.56	171.17	100.40	2.705	
10,800.00	7,033.05	11,008.90	7,209.33	61.05	61.22	-130.57	-763.67	-2,823.07	271.19	168.07	103.11	2.630	
10,900.00	7,030.42	11,108.90	7,206.16	62.64	62.81	-130.49	-764.05	-2,923.02	270.81	164.97	105.84	2.559	
11,000.00	7,027.79	11,208.90	7,202.98	64.24	64.40	-130.40	-764.43	-3,022.96	270.44	161.85	108.59	2.491	
11,100.00	7,025.16	11,308.90	7,199.81	65.84	66.00	-130.32	-764.81	-3,122.91	270.06	158.72	111.34	2.426	
11,200.00	7,022.53	11,408.91	7,196.64	67.45	67.60	-130.23	-765.19	-3,222.86	269.69	155.58	114.11	2.364	
11,300.00	7,019.91	11,508.91	7,193.47	69.06	69.20	-130.15	-765.57	-3,322.81	269.32	152.44	116.88	2.304	
11,400.00	7,017.28	11,608.91	7,190.29	70.67	70.81	-130.06	-765.95	-3,422.75	268.94	149.28	119.66	2.247	
11,500.00	7,014.65	11,691.09	7,187.12	72.29	72.13	-129.98	-766.33	-3,522.70	268.57	146.36	122.22	2.198	
11,600.00	7,012.02	11,808.91	7,183.95	73.90	74.03	-129.89	-766.71	-3,622.65	268.20	142.94	125.26	2.141	
11,700.00	7,009.40	11,908.91	7,180.77	75.52	75.65	-129.81	-767.09	-3,722.60	267.83	139.76	128.07	2.091	
11,800.00	7,006.77	12,008.91	7,177.60	77.15	77.27	-129.72	-767.47	-3,822.54	267.46	136.57	130.89	2.043	
11,900.00	7,004.14	12,108.92	7,174.43	78.77	78.89	-129.64	-767.85	-3,922.49	267.09	133.37	133.72	1.997	
12,000.00	7,001.51	12,208.92	7,171.26	80.40	80.51	-129.55	-768.23	-4,022.44	266.72	130.16	136.56	1.953	
12,100.00	6,998.88	12,308.92	7,168.08	82.02	82.13	-129.46	-768.61	-4,122.39	266.35	126.95	139.40	1.911	
12,200.00	6,996.26	12,408.92	7,164.91	83.65	83.76	-129.38	-768.98	-4,222.33	265.98	123.73	142.26	1.870	
12,300.00	6,993.63	12,508.92	7,161.74	85.28	85.38	-129.29	-769.36	-4,322.28	265.62	120.50	145.12	1.830	
12,400.00	6,991.00	12,608.92	7,158.57	86.92	87.01	-129.20	-769.74	-4,422.23	265.25	117.27	147.98	1.792	
12,500.00	6,988.37	12,708.93	7,155.39	88.55	88.64	-129.11	-770.12	-4,522.18	264.89	114.03	150.86	1.756	
12,600.00	6,985.74	12,808.93	7,152.22	90.19	90.28	-129.03	-770.50	-4,622.12	264.52	110.78	153.74	1.721	
12,700.00	6,983.12	12,908.93	7,149.05	91.82	91.91	-128.94	-770.88	-4,722.07	264.16	107.53	156.63	1.687	
12,800.00	6,980.49	13,008.93	7,145.88	93.46	93.54	-128.85	-771.26	-4,822.02	263.79	104.27	159.52	1.654	
12,900.00	6,977.86	13,108.93	7,142.70	95.10	95.18	-128.76	-771.64	-4,921.97	263.43	101.01	162.42	1.622	
13,000.00	6,975.23	13,208.93	7,139.53	96.74	96.82	-128.67	-772.02	-5,021.91	263.07	97.73	165.33	1.591	
13,100.00	6,972.60	13,308.93	7,136.36	98.38	98.45	-128.58	-772.40	-5,121.86	262.70	94.46	168.25	1.561	
13,200.00	6,969.98	13,408.94	7,133.18	100.03	100.09	-128.49	-772.78	-5,221.81	262.34	91.18	171.17	1.533	
13,300.00	6,967.35	13,508.94	7,130.01	101.67	101.73	-128.40	-773.16	-5,321.76	261.98	87.89	174.09	1.505	
13,400.00	6,964.72	13,608.94	7,126.84	103.31	103.38	-128.31	-773.54	-5,421.70	261.62	84.59	177.03	1.478 Level 3	
13,500.00	6,962.09	13,708.94	7,123.67	104.96	105.02	-128.22	-773.92	-5,521.65	261.26	81.30	179.97	1.452 Level 3	
13,600.00	6,959.47	13,808.94	7,120.49	106.60	106.66	-128.13	-774.30	-5,621.60	260.90	77.99	182.91	1.426 Level 3	
13,700.00	6,956.84	13,908.94	7,117.32	108.25	108.31	-128.04	-774.68	-5,721.55	260.54	74.68	185.86	1.402 Level 3	
13,800.00	6,954.21	14,008.94	7,114.15	109.90	109.95	-127.95	-775.06	-5,821.49	260.19	71.37	188.82	1.378 Level 3	
13,900.00	6,951.58	14,091.05	7,110.98	111.55	111.30	-127.86	-775.44	-5,921.44	259.83	68.30	191.53	1.357 Level 3	
14,000.00	6,948.95	14,208.95	7,107.80	113.20	113.24	-127.77	-775.82	-6,021.39	259.47	64.72	194.75	1.332 Level 3	
14,100.00	6,946.33	14,308.95	7,104.63	114.84	114.89	-127.68	-776.19	-6,121.34	259.12	61.39	197.72	1.310 Level 3	
14,200.00	6,943.70	14,408.95	7,101.46	116.50	116.54	-127.59	-776.57	-6,221.28	258.76	58.06	200.70	1.289 Level 3	
14,300.00	6,941.07	14,508.95	7,098.29	118.15	118.19	-127.50	-776.95	-6,321.23	258.41	54.72	203.69	1.269 Level 3	
14,400.00	6,938.44	14,608.95	7,095.11	119.80	119.84	-127.40	-777.33	-6,421.18	258.05	51.37	206.68	1.249 Level 2	
14,500.00	6,935.81	14,708.96	7,091.94	121.45	121.49	-127.31	-777.71	-6,521.13	257.70	48.02	209.68	1.229 Level 2	
14,600.00	6,933.19	14,791.04	7,088.77	123.10	122.84	-127.22	-778.09	-6,621.07	257.35	44.92	212.43	1.211 Level 2	
14,700.00	6,930.56	14,891.04	7,085.59	124.75	124.49	-127.13	-778.47	-6,721.02	257.00	41.57	215.43	1.193 Level 2	
14,800.00	6,927.93	15,008.96	7,082.42	126.41	126.44	-127.03	-778.85	-6,820.97	256.65	37.95	218.70	1.174 Level 2	
14,900.00	6,925.30	15,108.96	7,079.25	128.06	128.09	-126.94	-779.23	-6,920.92	256.30	34.58	221.72	1.156 Level 2	
15,000.00	6,922.67	15,208.96	7,076.08	129.72	129.74	-126.85	-779.61	-7,020.86	255.95	31.20	224.74	1.139 Level 2	
15,100.00	6,920.05	15,308.96	7,072.90	131.37	131.40	-126.75	-779.99	-7,120.81	255.60	27.83	227.77	1.122 Level 2	
15,200.00	6,917.42	15,391.04	7,069.73	133.03	132.75	-126.66	-780.37	-7,220.76	255.25	24.70	230.55	1.107 Level 2	
15,300.00	6,914.79	15,491.03	7,066.56	134.68	134.41	-126.56	-780.75	-7,320.71	254.90	21.31	233.59	1.091 Level 2	
15,392.03	6,912.37	15,583.06	7,063.64	136.21	135.93	-126.48	-781.10	-7,412.69	254.58	18.19	236.39	1.077 Level 2, SF	

## Hewlett-Packard

### Anticollision Report

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

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	-89.48	0.36	-40.09	40.09				
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.36	-40.09	40.09	32.56	7.53	5.325	
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.36	-40.09	40.09	32.52	7.57	5.294 CC, ES	
300.00	299.98	300.56	300.55	3.35	3.35	155.94	0.08	-39.75	41.34	33.68	7.66	5.399	
400.00	399.84	401.71	401.64	3.41	3.41	155.86	-2.18	-36.98	43.34	35.57	7.77	5.578	
500.00	499.45	502.91	502.58	3.50	3.49	154.83	-6.70	-31.46	45.76	37.84	7.93	5.773	
600.00	598.70	604.13	603.23	3.61	3.60	153.01	-13.48	-23.17	48.64	40.51	8.13	5.982	
700.00	697.47	705.37	703.45	3.77	3.75	150.58	-22.51	-12.14	52.02	43.63	8.39	6.199	
800.00	795.75	806.61	803.12	3.97	3.94	147.40	-33.78	1.62	55.46	46.73	8.72	6.357	
900.00	893.97	907.43	901.70	4.20	4.17	142.18	-47.12	17.93	57.09	47.95	9.15	6.241	
1,000.00	992.20	1,007.26	999.12	4.45	4.44	136.59	-60.92	34.78	58.66	49.00	9.67	6.069	
1,100.00	1,090.43	1,107.08	1,096.55	4.73	4.74	131.33	-74.71	51.63	60.76	50.51	10.25	5.929	
1,200.00	1,188.66	1,206.91	1,193.97	5.02	5.06	126.46	-88.50	68.48	63.34	52.45	10.88	5.819	
1,300.00	1,286.89	1,306.74	1,291.39	5.34	5.40	122.00	-102.30	85.34	66.33	54.77	11.56	5.738	
1,400.00	1,385.12	1,406.57	1,388.82	5.66	5.76	117.95	-116.09	102.19	69.70	57.43	12.27	5.680	
1,500.00	1,483.35	1,506.39	1,486.24	6.00	6.13	114.28	-129.88	119.04	73.38	60.38	13.00	5.644	
1,600.00	1,581.57	1,606.22	1,583.66	6.34	6.51	110.98	-143.68	135.89	77.33	63.58	13.75	5.624	
1,700.00	1,679.80	1,706.05	1,681.09	6.69	6.90	108.00	-157.47	152.74	81.51	67.00	14.51	5.618	
1,800.00	1,778.03	1,805.88	1,778.51	7.05	7.29	105.33	-171.26	169.59	85.89	70.62	15.26	5.627	
1,900.00	1,876.26	1,905.70	1,875.93	7.25	7.50	102.91	-185.05	186.45	90.44	75.14	15.30	5.912	
2,000.00	1,974.49	2,005.53	1,973.36	7.29	7.55	100.73	-198.85	203.30	95.13	79.74	15.40	6.179	
2,100.00	2,072.72	2,105.36	2,070.78	7.35	7.62	98.76	-212.64	220.15	99.95	84.43	15.52	6.438	
2,200.00	2,170.95	2,205.19	2,168.20	7.43	7.71	96.97	-226.43	237.00	104.88	89.19	15.68	6.687	
2,300.00	2,269.18	2,305.01	2,265.63	7.52	7.82	95.34	-240.23	253.85	109.90	94.02	15.88	6.922	
2,400.00	2,367.40	2,404.84	2,363.05	7.63	7.95	93.86	-254.02	270.70	115.00	98.90	16.10	7.144	
2,500.00	2,465.63	2,504.67	2,460.47	7.76	8.09	92.50	-267.81	287.56	120.17	103.82	16.35	7.351	
2,600.00	2,563.86	2,604.50	2,557.90	7.90	8.25	91.26	-281.60	304.41	125.40	108.77	16.62	7.544	
2,700.00	2,662.09	2,704.32	2,655.32	8.05	8.42	90.11	-295.40	321.26	130.68	113.76	16.93	7.721	
2,800.00	2,760.32	2,804.15	2,752.74	8.21	8.61	89.06	-309.19	338.11	136.02	118.76	17.25	7.883	
2,900.00	2,858.55	2,903.98	2,850.17	8.39	8.81	88.08	-322.98	354.96	141.39	123.79	17.61	8.031	
3,000.00	2,956.78	3,003.81	2,947.59	8.58	9.02	87.18	-336.78	371.81	146.81	128.83	17.98	8.165	
3,100.00	3,055.01	3,103.63	3,045.01	8.78	9.24	86.34	-350.57	388.67	152.26	133.88	18.38	8.286	
3,200.00	3,153.23	3,203.46	3,142.44	8.99	9.48	85.56	-364.36	405.52	157.74	138.95	18.79	8.395	
3,300.00	3,251.46	3,303.29	3,239.86	9.21	9.72	84.83	-378.16	422.37	163.24	144.02	19.22	8.493	
3,400.00	3,349.69	3,403.12	3,337.28	9.43	9.97	84.15	-391.95	439.22	168.77	149.10	19.67	8.580	
3,500.00	3,447.92	3,502.94	3,434.71	9.67	10.23	83.51	-405.74	456.07	174.33	154.19	20.13	8.658	
3,600.00	3,546.15	3,602.77	3,532.13	9.91	10.50	82.91	-419.53	472.92	179.90	159.29	20.61	8.727	
3,700.00	3,644.38	3,702.60	3,629.55	10.16	10.77	82.35	-433.33	489.78	185.49	164.38	21.11	8.789	
3,800.00	3,742.61	3,802.43	3,726.98	10.41	11.06	81.82	-447.12	506.63	191.10	169.49	21.61	8.843	
3,900.00	3,840.84	3,902.25	3,824.40	10.68	11.34	81.32	-460.91	523.48	196.72	174.60	22.13	8.891	
4,000.00	3,939.06	4,002.08	3,921.82	10.94	11.64	80.85	-474.71	540.33	202.36	179.71	22.65	8.933	
4,100.00	4,037.29	4,101.91	4,019.25	11.21	11.94	80.40	-488.50	557.18	208.01	184.82	23.19	8.970	
4,200.00	4,135.52	4,201.74	4,116.67	11.49	12.24	79.98	-502.29	574.03	213.67	189.94	23.74	9.002	
4,300.00	4,233.75	4,301.56	4,214.09	11.77	12.55	79.58	-516.09	590.89	219.35	195.05	24.29	9.030	
4,400.00	4,331.98	4,401.39	4,311.52	12.06	12.86	79.20	-529.88	607.74	225.03	200.17	24.85	9.054	
4,500.00	4,430.21	4,501.22	4,408.94	12.35	13.18	78.84	-543.67	624.59	230.72	205.30	25.42	9.075	
4,600.00	4,528.44	4,601.05	4,506.36	12.64	13.50	78.50	-557.46	641.44	236.42	210.42	26.00	9.093	
4,700.00	4,626.67	4,700.87	4,603.79	12.93	13.82	78.17	-571.26	658.29	242.13	215.55	26.59	9.108	
4,800.00	4,724.89	4,800.70	4,701.21	13.23	14.15	77.86	-585.05	675.14	247.85	220.68	27.18	9.120	
4,900.00	4,823.12	4,900.53	4,798.63	13.54	14.47	77.56	-598.84	692.00	253.58	225.80	27.77	9.131	
5,000.00	4,921.35	5,000.36	4,896.06	13.84	14.81	77.27	-612.64	708.85	259.31	230.94	28.37	9.140	
5,100.00	5,019.58	5,100.18	4,993.48	14.15	15.14	77.00	-626.43	725.70	265.04	236.07	28.98	9.147	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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		
5,200.00	5,117.81	5,200.01	5,090.90	14.46	15.48	76.74	-640.22	742.55	270.79	241.20	29.59	9.152		
5,300.00	5,216.04	5,300.16	5,188.33	14.77	15.82	76.49	-654.02	759.40	276.53	246.33	30.20	9.156		
5,400.00	5,314.27	5,400.33	5,285.75	15.08	16.16	76.25	-667.81	776.25	282.29	251.47	30.82	9.159		
5,500.00	5,412.50	5,500.51	5,383.17	15.40	16.51	76.01	-681.60	793.11	288.05	256.60	31.45	9.160		
5,600.00	5,510.72	5,600.68	5,480.60	15.71	16.85	75.79	-695.39	809.96	293.81	261.74	32.07	9.161		
5,700.00	5,608.95	5,700.85	5,578.02	16.03	17.20	75.58	-709.19	826.81	299.57	266.87	32.70	9.161		
5,800.00	5,707.18	5,801.02	5,675.44	16.35	17.55	75.37	-722.98	843.66	305.35	272.01	33.34	9.160		
5,900.00	5,805.41	5,901.20	5,772.87	16.68	17.90	75.18	-736.77	860.51	311.12	277.15	33.97	9.158		
6,000.00	5,903.64	6,001.37	5,870.29	17.00	18.25	74.99	-750.57	877.36	316.90	282.29	34.61	9.156		
6,100.00	6,001.87	6,101.54	5,967.71	17.33	18.61	74.80	-764.36	894.22	322.68	287.43	35.25	9.153		
6,200.00	6,100.10	6,201.71	6,065.14	17.65	18.96	74.63	-778.15	911.07	328.46	292.57	35.90	9.150		
6,300.00	6,198.33	6,301.89	6,162.56	17.98	19.32	74.46	-791.94	927.92	334.25	297.71	36.54	9.146		
6,400.00	6,296.55	6,402.06	6,259.98	18.31	19.68	74.29	-805.74	944.77	340.04	302.85	37.19	9.143		
6,500.00	6,394.83	6,497.76	6,357.41	18.63	20.02	69.43	-819.53	961.62	345.78	307.97	37.82	9.144		
6,600.00	6,494.21	6,596.90	6,454.16	18.81	20.38	-3.78	-833.23	978.36	349.83	311.66	38.18	9.164		
6,700.00	6,593.31	6,688.54	6,544.33	18.92	20.61	-58.83	-846.07	987.68	353.34	315.13	38.20	9.249		
6,800.00	6,689.68	6,782.53	6,637.18	18.97	20.76	-72.75	-859.45	983.58	357.86	319.77	38.08	9.397		
6,900.00	6,780.96	6,879.49	6,731.24	18.98	20.85	-79.81	-873.16	964.94	363.39	325.51	37.88	9.594		
7,000.00	6,864.89	6,979.80	6,824.42	18.95	20.90	-84.76	-886.94	930.71	369.82	332.19	37.63	9.828		
7,100.00	6,939.42	7,083.86	6,914.17	18.90	20.90	-88.71	-900.41	880.05	376.93	339.56	37.37	10.086		
7,200.00	7,002.70	7,191.96	6,997.45	18.86	20.86	-92.04	-913.14	812.51	384.38	347.22	37.16	10.343		
7,300.00	7,053.18	7,304.30	7,070.70	18.85	20.79	-94.85	-924.63	728.31	391.74	354.67	37.07	10.568		
7,400.00	7,089.61	7,420.88	7,129.99	18.89	20.71	-97.20	-934.29	628.60	398.49	361.30	37.19	10.716		
7,500.00	7,111.10	7,541.43	7,171.32	19.02	20.63	-99.06	-941.53	515.78	404.12	366.53	37.60	10.749		
7,600.00	7,117.12	7,665.37	7,191.10	19.24	20.59	-100.42	-945.78	393.70	408.14	369.80	38.34	10.645		
7,700.00	7,114.51	7,778.73	7,190.23	19.62	20.66	-100.67	-946.96	280.41	409.01	369.70	39.31	10.405		
7,800.00	7,111.88	7,878.73	7,186.57	20.15	20.92	-100.52	-947.58	180.48	409.03	368.65	40.39	10.127		
7,900.00	7,109.26	7,978.72	7,182.92	20.84	21.41	-100.38	-948.21	80.55	409.07	367.36	41.71	9.808		
8,000.00	7,106.63	8,078.72	7,179.27	21.65	22.10	-100.23	-948.84	-19.37	409.10	365.85	43.25	9.460		
8,100.00	7,104.00	8,178.71	7,175.62	22.56	22.94	-100.08	-949.47	-119.30	409.14	364.16	44.98	9.096		
8,200.00	7,101.37	8,278.71	7,171.97	23.57	23.88	-99.94	-950.10	-219.22	409.18	362.29	46.89	8.726		
8,300.00	7,098.74	8,378.70	7,168.31	24.65	24.91	-99.79	-950.72	-319.15	409.22	360.26	48.95	8.359		
8,400.00	7,096.12	8,478.70	7,164.66	25.79	26.01	-99.64	-951.35	-419.07	409.26	358.11	51.16	8.000		
8,500.00	7,093.49	8,578.69	7,161.01	26.99	27.17	-99.50	-951.98	-519.00	409.31	355.83	53.48	7.654		
8,600.00	7,090.86	8,678.69	7,157.36	28.24	28.38	-99.35	-952.61	-618.93	409.36	353.46	55.90	7.323		
8,700.00	7,088.23	8,778.68	7,153.71	29.53	29.63	-99.20	-953.24	-718.85	409.41	350.99	58.42	7.008		
8,800.00	7,085.60	8,878.67	7,150.05	30.86	30.92	-99.06	-953.86	-818.78	409.47	348.45	61.02	6.710		
8,900.00	7,082.98	8,978.67	7,146.40	32.22	32.25	-98.91	-954.49	-918.70	409.52	345.83	63.69	6.430		
9,000.00	7,080.35	9,078.66	7,142.75	33.60	33.61	-98.77	-955.12	-1,018.63	409.58	343.16	66.42	6.166		
9,100.00	7,077.72	9,178.66	7,139.10	35.02	34.99	-98.62	-955.75	-1,118.56	409.65	340.44	69.21	5.919		
9,200.00	7,075.09	9,278.65	7,135.45	36.45	36.39	-98.47	-956.38	-1,218.48	409.71	337.67	72.05	5.687		
9,300.00	7,072.47	9,378.65	7,131.79	37.90	37.82	-98.33	-957.00	-1,318.41	409.78	334.85	74.93	5.469		
9,400.00	7,069.84	9,478.64	7,128.14	39.37	39.27	-98.18	-957.63	-1,418.33	409.85	332.01	77.85	5.265		
9,500.00	7,067.21	9,578.64	7,124.49	40.86	40.73	-98.03	-958.26	-1,518.26	409.93	329.13	80.80	5.073		
9,600.00	7,064.58	9,678.63	7,120.84	42.36	42.21	-97.89	-958.89	-1,618.18	410.00	326.22	83.79	4.893		
9,700.00	7,061.95	9,778.62	7,117.18	43.87	43.70	-97.74	-959.51	-1,718.11	410.08	323.28	86.80	4.724		
9,800.00	7,059.33	9,878.62	7,113.53	45.39	45.20	-97.60	-960.14	-1,818.04	410.16	320.33	89.84	4.566		
9,900.00	7,056.70	9,978.61	7,109.88	46.92	46.72	-97.45	-960.77	-1,917.96	410.25	317.35	92.90	4.416		
10,000.00	7,054.07	10,078.61	7,106.23	48.47	48.24	-97.30	-961.40	-2,017.89	410.34	314.35	95.98	4.275		
10,100.00	7,051.44	10,178.60	7,102.58	50.02	49.77	-97.16	-962.03	-2,117.81	410.43	311.34	99.08	4.142		
10,200.00	7,048.81	10,278.60	7,098.92	51.57	51.32	-97.01	-962.65	-2,217.74	410.52	308.32	102.20	4.017		
10,300.00	7,046.19	10,378.59	7,095.27	53.14	52.87	-96.87	-963.28	-2,317.67	410.61	305.28	105.33	3.898		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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
10,400.00	7,043.56	10,478.59	7,091.62	54.71	54.42	-96.72	-963.91	-2,417.59	410.71	302.23	108.48	3.786	
10,500.00	7,040.93	10,578.58	7,087.97	56.29	55.99	-96.58	-964.54	-2,517.52	410.81	299.17	111.64	3.680	
10,600.00	7,038.30	10,678.58	7,084.32	57.87	57.55	-96.43	-965.17	-2,617.44	410.91	296.10	114.82	3.579	
10,700.00	7,035.67	10,778.57	7,080.66	59.46	59.13	-96.28	-965.79	-2,717.37	411.02	293.02	118.00	3.483	
10,800.00	7,033.05	10,878.56	7,077.01	61.05	60.71	-96.14	-966.42	-2,817.29	411.13	289.93	121.20	3.392	
10,900.00	7,030.42	10,978.56	7,073.36	62.64	62.29	-95.99	-967.05	-2,917.22	411.24	286.84	124.40	3.306	
11,000.00	7,027.79	11,078.55	7,069.71	64.24	63.88	-95.85	-967.68	-3,017.15	411.35	283.74	127.62	3.223	
11,100.00	7,025.16	11,178.55	7,066.06	65.84	65.47	-95.70	-968.31	-3,117.07	411.47	280.63	130.84	3.145	
11,200.00	7,022.53	11,278.54	7,062.40	67.45	67.07	-95.56	-968.93	-3,217.00	411.59	277.52	134.07	3.070	
11,300.00	7,019.91	11,378.54	7,058.75	69.06	68.67	-95.41	-969.56	-3,316.92	411.71	274.41	137.30	2.999	
11,400.00	7,017.28	11,478.53	7,055.10	70.67	70.27	-95.27	-970.19	-3,416.85	411.83	271.29	140.55	2.930	
11,500.00	7,014.65	11,578.53	7,051.45	72.29	71.88	-95.12	-970.82	-3,516.78	411.96	268.17	143.79	2.865	
11,600.00	7,012.02	11,678.52	7,047.80	73.90	73.49	-94.98	-971.45	-3,616.70	412.09	265.04	147.05	2.802	
11,700.00	7,009.40	11,778.51	7,044.14	75.52	75.10	-94.84	-972.07	-3,716.63	412.22	261.91	150.31	2.743	
11,800.00	7,006.77	11,878.51	7,040.49	77.15	76.71	-94.69	-972.70	-3,816.55	412.36	258.79	153.57	2.685	
11,900.00	7,004.14	11,978.50	7,036.84	78.77	78.33	-94.55	-973.33	-3,916.48	412.50	255.65	156.84	2.630	
12,000.00	7,001.51	12,078.50	7,033.19	80.40	79.95	-94.40	-973.96	-4,016.40	412.64	252.52	160.12	2.577	
12,100.00	6,998.88	12,178.49	7,029.54	82.02	81.57	-94.26	-974.59	-4,116.33	412.78	249.38	163.39	2.526	
12,200.00	6,996.26	12,278.49	7,025.88	83.65	83.19	-94.11	-975.21	-4,216.26	412.92	246.25	166.67	2.477	
12,300.00	6,993.63	12,378.48	7,022.23	85.28	84.81	-93.97	-975.84	-4,316.18	413.07	243.11	169.96	2.430	
12,400.00	6,991.00	12,478.48	7,018.58	86.92	86.44	-93.83	-976.47	-4,416.11	413.22	239.98	173.25	2.385	
12,500.00	6,988.37	12,578.47	7,014.93	88.55	88.07	-93.68	-977.10	-4,516.03	413.37	236.84	176.54	2.342	
12,600.00	6,985.74	12,678.47	7,011.28	90.19	89.70	-93.54	-977.73	-4,615.96	413.53	233.70	179.83	2.300	
12,700.00	6,983.12	12,778.46	7,007.62	91.82	91.33	-93.39	-978.35	-4,715.88	413.69	230.56	183.13	2.259	
12,800.00	6,980.49	12,878.45	7,003.97	93.46	92.96	-93.25	-978.98	-4,815.81	413.85	227.42	186.42	2.220	
12,900.00	6,977.86	12,978.45	7,000.32	95.10	94.59	-93.11	-979.61	-4,915.74	414.01	224.29	189.73	2.182	
13,000.00	6,975.23	13,078.44	6,996.67	96.74	96.23	-92.97	-980.24	-5,015.66	414.18	221.15	193.03	2.146	
13,100.00	6,972.60	13,178.44	6,993.02	98.38	97.86	-92.82	-980.87	-5,115.59	414.35	218.01	196.33	2.110	
13,200.00	6,969.98	13,278.43	6,989.36	100.03	99.50	-92.68	-981.49	-5,215.51	414.52	214.88	199.64	2.076	
13,300.00	6,967.35	13,378.43	6,985.71	101.67	101.14	-92.54	-982.12	-5,315.44	414.69	211.75	202.95	2.043	
13,400.00	6,964.72	13,478.42	6,982.06	103.31	102.78	-92.39	-982.75	-5,415.37	414.87	208.61	206.26	2.011	
13,500.00	6,962.09	13,578.42	6,978.41	104.96	104.42	-92.25	-983.38	-5,515.29	415.05	205.48	209.57	1.981	
13,600.00	6,959.47	13,678.41	6,974.75	106.60	106.06	-92.11	-984.01	-5,615.22	415.23	202.35	212.88	1.951	
13,700.00	6,956.84	13,778.41	6,971.10	108.25	107.70	-91.97	-984.63	-5,715.14	415.41	199.22	216.19	1.922	
13,800.00	6,954.21	13,878.40	6,967.45	109.90	109.35	-91.82	-985.26	-5,815.07	415.60	196.09	219.50	1.893	
13,900.00	6,951.58	13,978.39	6,963.80	111.55	110.99	-91.68	-985.89	-5,914.99	415.79	192.97	222.82	1.866	
14,000.00	6,948.95	14,078.39	6,960.15	113.20	112.63	-91.54	-986.52	-6,014.92	415.98	189.85	226.13	1.840	
14,100.00	6,946.33	14,178.38	6,956.49	114.84	114.28	-91.40	-987.15	-6,114.85	416.17	186.72	229.45	1.814	
14,200.00	6,943.70	14,278.38	6,952.84	116.50	115.93	-91.26	-987.77	-6,214.77	416.37	183.60	232.77	1.789	
14,300.00	6,941.07	14,378.37	6,949.19	118.15	117.57	-91.11	-988.40	-6,314.70	416.57	180.49	236.08	1.765	
14,400.00	6,938.44	14,478.37	6,945.54	119.80	119.22	-90.97	-989.03	-6,414.62	416.77	177.37	239.40	1.741	
14,500.00	6,935.81	14,578.36	6,941.89	121.45	120.87	-90.83	-989.66	-6,514.55	416.98	174.26	242.72	1.718	
14,600.00	6,933.19	14,678.36	6,938.23	123.10	122.52	-90.69	-990.28	-6,614.48	417.18	171.15	246.04	1.696	
14,700.00	6,930.56	14,778.35	6,934.58	124.75	124.17	-90.55	-990.91	-6,714.40	417.39	168.04	249.35	1.674	
14,800.00	6,927.93	14,878.34	6,930.93	126.41	125.82	-90.41	-991.54	-6,814.33	417.61	164.93	252.67	1.653	
14,900.00	6,925.30	14,978.34	6,927.28	128.06	127.47	-90.27	-992.17	-6,914.25	417.82	161.83	255.99	1.632	
15,000.00	6,922.67	15,078.33	6,923.63	129.72	129.12	-90.13	-992.80	-7,014.18	418.04	158.73	259.31	1.612	
15,100.00	6,920.05	15,178.33	6,919.97	131.37	130.77	-89.99	-993.42	-7,114.10	418.26	155.63	262.62	1.593	
15,200.00	6,917.42	15,278.32	6,916.32	133.03	132.42	-89.85	-994.05	-7,214.03	418.48	152.54	265.94	1.574	
15,300.00	6,914.79	15,378.32	6,912.67	134.68	134.07	-89.71	-994.68	-7,313.96	418.70	149.45	269.25	1.555	
15,392.03	6,912.37	15,470.34	6,909.31	136.21	135.59	-89.58	-995.26	-7,405.92	418.91	146.61	272.31	1.538 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.86	2.20	-919.86	919.87				
100.00	100.00	100.00	100.00	3.28	3.28	-89.86	2.20	-919.86	919.87	912.34	7.53	122.179	
200.00	200.00	200.00	200.00	3.31	3.31	-89.86	2.20	-919.86	919.87	912.29	7.57	121.452	
300.00	299.98	333.29	333.24	3.35	3.36	154.88	0.25	-917.46	919.64	911.97	7.67	119.903	
400.00	399.84	466.46	466.08	3.41	3.46	154.71	-5.60	-910.25	918.96	911.14	7.81	117.620	
500.00	499.45	599.42	598.13	3.50	3.61	154.42	-15.31	-898.28	917.84	909.82	8.02	114.488	
600.00	598.70	732.06	729.01	3.61	3.82	154.01	-28.84	-881.61	916.30	908.01	8.29	110.499	
662.18	660.18	803.65	792.16	3.71	3.97	153.80	-36.43	-872.24	915.70	907.20	8.50	107.731	
700.00	697.47	834.12	829.26	3.77	4.04	153.68	-40.90	-866.74	915.93	907.31	8.61	106.344	
800.00	795.75	934.02	927.38	3.97	4.28	153.43	-52.71	-852.17	918.13	909.14	8.99	102.180	
900.00	893.97	1,033.92	1,025.50	4.20	4.54	153.19	-64.53	-837.61	920.60	911.19	9.40	97.914	
1,000.00	992.20	1,133.82	1,123.62	4.45	4.83	152.96	-76.34	-823.05	923.08	913.22	9.86	93.639	
1,100.00	1,090.43	1,233.71	1,221.75	4.73	5.13	152.73	-88.16	-808.48	925.58	915.23	10.35	89.450	
1,200.00	1,188.66	1,333.61	1,319.87	5.02	5.45	152.49	-99.97	-793.92	928.09	917.23	10.86	85.424	
1,300.00	1,286.89	1,433.51	1,417.99	5.34	5.78	152.26	-111.79	-779.36	930.62	919.22	11.41	81.576	
1,400.00	1,385.12	1,533.41	1,516.11	5.66	6.12	152.03	-123.60	-764.79	933.17	921.20	11.97	77.940	
1,500.00	1,483.35	1,633.31	1,614.23	6.00	6.47	151.80	-135.42	-750.23	935.73	923.17	12.56	74.522	
1,600.00	1,581.57	1,733.20	1,712.35	6.34	6.82	151.58	-147.23	-735.67	938.30	925.15	13.16	71.321	
1,700.00	1,679.80	1,833.10	1,810.48	6.69	7.13	151.35	-159.05	-721.11	940.89	927.34	13.55	69.451	
1,800.00	1,778.03	1,933.00	1,908.60	7.05	7.28	151.13	-170.86	-706.54	943.50	929.52	13.97	67.521	
1,900.00	1,876.26	2,032.90	2,006.72	7.25	7.33	150.90	-182.68	-691.98	946.11	932.15	13.97	67.748	
2,000.00	1,974.49	2,132.79	2,104.84	7.29	7.39	150.68	-194.49	-677.42	948.75	934.70	14.05	67.524	
2,100.00	2,072.72	2,232.69	2,202.96	7.35	7.48	150.46	-206.31	-662.85	951.39	937.22	14.17	67.141	
2,200.00	2,170.95	2,332.59	2,301.08	7.43	7.58	150.24	-218.12	-648.29	954.05	939.73	14.32	66.611	
2,300.00	2,269.18	2,432.49	2,399.21	7.52	7.69	150.02	-229.94	-633.73	956.73	942.22	14.51	65.947	
2,400.00	2,367.40	2,532.38	2,497.33	7.63	7.82	149.80	-241.75	-619.16	959.42	944.69	14.72	65.163	
2,500.00	2,465.63	2,632.28	2,595.45	7.76	7.97	149.59	-253.57	-604.60	962.12	947.15	14.97	64.275	
2,600.00	2,563.86	2,732.18	2,693.57	7.90	8.13	149.37	-265.38	-590.04	964.84	949.59	15.24	63.298	
2,700.00	2,662.09	2,832.08	2,791.69	8.05	8.30	149.16	-277.20	-575.47	967.57	952.02	15.54	62.249	
2,800.00	2,760.32	2,931.98	2,889.81	8.21	8.48	148.95	-289.01	-560.91	970.31	954.44	15.87	61.143	
2,900.00	2,858.55	3,031.87	2,987.94	8.39	8.67	148.74	-300.83	-546.35	973.07	956.85	16.22	59.994	
3,000.00	2,956.78	3,131.77	3,086.06	8.58	8.88	148.53	-312.64	-531.78	975.84	959.24	16.59	58.815	
3,100.00	3,055.01	3,231.67	3,184.18	8.78	9.09	148.32	-324.46	-517.22	978.62	961.63	16.98	57.618	
3,200.00	3,153.23	3,331.57	3,282.30	8.99	9.32	148.11	-336.27	-502.66	981.41	964.02	17.40	56.412	
3,300.00	3,251.46	3,431.46	3,380.42	9.21	9.55	147.90	-348.09	-488.09	984.22	966.39	17.83	55.207	
3,400.00	3,349.69	3,531.36	3,478.54	9.43	9.79	147.70	-359.90	-473.53	987.04	968.77	18.28	54.009	
3,500.00	3,447.92	3,631.26	3,576.67	9.67	10.03	147.49	-371.72	-458.97	989.88	971.14	18.74	52.825	
3,600.00	3,546.15	3,731.16	3,674.79	9.91	10.29	147.29	-383.53	-444.40	992.72	973.51	19.22	51.660	
3,700.00	3,644.38	3,831.05	3,772.91	10.16	10.55	147.09	-395.35	-429.84	995.58	975.87	19.71	50.517	
3,800.00	3,742.61	3,930.95	3,871.03	10.41	10.81	146.89	-407.16	-415.28	998.45	978.24	20.21	49.399	
3,900.00	3,840.84	4,030.85	3,969.15	10.68	11.08	146.69	-418.98	-400.71	1,001.34	980.61	20.73	48.310	
4,000.00	3,939.06	4,130.75	4,067.27	10.94	11.36	146.49	-430.79	-386.15	1,004.23	982.98	21.25	47.249	
4,100.00	4,037.29	4,230.65	4,165.40	11.21	11.64	146.29	-442.61	-371.59	1,007.14	985.35	21.79	46.219	
4,200.00	4,135.52	4,330.54	4,263.52	11.49	11.92	146.09	-454.43	-357.02	1,010.06	987.72	22.34	45.221	
4,300.00	4,233.75	4,430.44	4,361.64	11.77	12.21	145.90	-466.24	-342.46	1,012.99	990.10	22.89	44.253	
4,400.00	4,331.98	4,530.34	4,459.76	12.06	12.50	145.71	-478.06	-327.90	1,015.93	992.48	23.45	43.317	
4,500.00	4,430.21	4,630.24	4,557.88	12.35	12.80	145.51	-489.87	-313.33	1,018.88	994.86	24.02	42.412	
4,600.00	4,528.44	4,730.13	4,656.00	12.64	13.10	145.32	-501.69	-298.77	1,021.85	997.25	24.60	41.537	
4,700.00	4,626.67	4,830.03	4,754.13	12.93	13.40	145.13	-513.50	-284.21	1,024.83	999.64	25.18	40.692	
4,800.00	4,724.89	4,929.93	4,852.25	13.23	13.70	144.94	-525.32	-269.64	1,027.81	1,002.04	25.78	39.876	
4,900.00	4,823.12	5,029.83	4,950.37	13.54	14.01	144.75	-537.13	-255.08	1,030.81	1,004.44	26.37	39.089	
5,000.00	4,921.35	5,129.72	5,048.49	13.84	14.32	144.57	-548.95	-240.52	1,033.82	1,006.85	26.97	38.329	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	5,019.58	5,229.62	5,146.61	14.15	14.63	144.38	-560.76	-225.96	1,036.85	1,009.27	27.58	37.596	
5,200.00	5,117.81	5,329.52	5,244.73	14.46	14.95	144.19	-572.58	-211.39	1,039.88	1,011.69	28.19	36.889	
5,300.00	5,216.04	5,429.42	5,342.86	14.77	15.27	144.01	-584.39	-196.83	1,042.92	1,014.12	28.81	36.206	
5,400.00	5,314.27	5,529.32	5,440.98	15.08	15.58	143.83	-596.21	-182.27	1,045.98	1,016.55	29.43	35.547	
5,500.00	5,412.50	5,629.21	5,539.10	15.40	15.90	143.65	-608.02	-167.70	1,049.04	1,018.99	30.05	34.911	
5,600.00	5,510.72	5,729.11	5,637.22	15.71	16.23	143.46	-619.84	-153.14	1,052.11	1,021.44	30.68	34.297	
5,700.00	5,608.95	5,829.01	5,735.34	16.03	16.55	143.28	-631.65	-138.58	1,055.20	1,023.89	31.31	33.704	
5,800.00	5,707.18	5,928.91	5,833.46	16.35	16.88	143.11	-643.47	-124.01	1,058.30	1,026.35	31.94	33.132	
5,900.00	5,805.41	6,028.80	5,931.59	16.68	17.20	142.93	-655.28	-109.45	1,061.40	1,028.82	32.58	32.578	
6,000.00	5,903.64	6,128.70	6,029.71	17.00	17.53	142.75	-667.10	-94.89	1,064.52	1,031.30	33.22	32.044	
6,100.00	6,001.87	6,228.60	6,127.83	17.33	17.86	142.58	-678.91	-80.32	1,067.64	1,033.78	33.86	31.527	
6,200.00	6,100.10	6,328.50	6,225.95	17.65	18.19	142.40	-690.73	-65.76	1,070.78	1,036.27	34.51	31.028	
6,300.00	6,198.33	6,428.39	6,324.07	17.98	18.52	142.23	-702.54	-51.20	1,073.93	1,038.77	35.16	30.545	
6,400.00	6,296.55	6,528.28	6,319.74	18.31	18.85	142.06	-714.35	-36.73	1,077.08	1,041.26	35.81	30.062	
6,500.00	6,394.83	6,628.17	6,419.25	18.63	19.18	141.89	-726.16	-22.26	1,080.23	1,043.75	36.46	29.579	
6,600.00	6,494.21	6,728.06	6,519.32	18.96	19.51	141.72	-737.97	-7.79	1,083.38	1,046.24	37.11	29.096	
6,700.00	6,593.31	6,827.95	6,619.63	19.29	19.84	141.55	-749.78	7.71	1,086.53	1,048.73	37.76	28.613	
6,800.00	6,692.41	6,927.84	6,719.32	19.62	20.17	141.38	-761.59	22.22	1,089.68	1,051.22	38.41	28.130	
6,900.00	6,791.51	7,027.73	6,819.80	19.95	20.50	141.21	-773.40	36.73	1,092.83	1,053.71	39.06	27.647	
7,000.00	6,890.61	7,127.62	6,919.89	20.28	20.83	141.04	-785.21	51.24	1,095.98	1,056.20	39.71	27.164	
7,100.00	6,939.42	7,167.41	7,011.10	20.61	21.16	140.87	-797.02	65.75	1,099.13	1,058.69	40.36	26.681	
7,200.00	7,002.70	7,204.73	7,130.49	20.94	21.49	140.70	-808.83	80.26	1,102.28	1,061.18	41.01	26.198	
7,300.00	7,053.18	7,254.18	7,210.88	21.27	21.82	140.53	-819.16	94.77	1,105.43	1,063.67	41.66	25.715	
7,400.00	7,089.61	7,281.38	7,301.76	21.60	22.15	140.36	-829.99	109.28	1,108.58	1,066.16	42.31	25.232	
7,500.00	7,111.10	7,345.65	7,264.87	21.93	22.93	140.19	-844.26	123.79	1,111.73	1,068.65	42.96	24.749	
7,600.00	7,117.12	7,427.42	7,211.03	22.26	22.99	140.02	-856.07	138.30	1,114.88	1,071.14	43.61	24.266	
7,700.00	7,114.51	7,327.41	7,151.10	22.59	22.28	139.85	-867.88	152.81	1,118.03	1,073.63	44.26	23.783	
7,800.00	7,111.88	7,248.25	7,095.34	22.92	22.17	139.68	-879.69	167.32	1,121.18	1,076.12	44.91	23.300	
7,829.10	7,111.12	7,228.54	7,080.43	23.25	21.65	139.51	-892.94	181.83	1,124.33	1,078.61	45.56	22.817	CC, ES, SF
7,900.00	7,109.26	7,185.84	7,046.80	23.58	21.40	139.34	-906.29	196.34	1,127.48	1,081.10	46.21	22.334	
8,000.00	7,106.63	7,136.26	7,005.70	23.91	21.13	139.17	-919.64	210.85	1,130.63	1,083.59	46.86	21.851	
8,100.00	7,104.00	7,096.37	6,971.19	24.24	20.92	139.00	-933.00	225.36	1,133.78	1,086.08	47.51	21.368	
8,200.00	7,101.37	7,063.82	6,942.17	24.57	20.76	138.83	-946.37	239.87	1,136.93	1,088.57	48.16	20.885	
8,300.00	7,098.74	7,036.89	6,917.63	24.90	20.64	138.66	-959.74	254.38	1,140.08	1,091.06	48.81	20.402	
8,400.00	7,096.12	7,014.31	6,896.73	25.23	20.54	138.49	-973.11	268.89	1,143.23	1,093.55	49.46	19.919	
8,500.00	7,093.49	7,000.00	6,883.33	25.56	20.48	138.32	-986.48	283.40	1,146.38	1,096.04	50.11	19.436	
8,600.00	7,090.86	6,978.73	6,863.24	25.89	20.39	138.15	-999.85	297.91	1,149.53	1,098.53	50.76	18.953	
8,700.00	7,088.23	6,964.51	6,849.69	26.22	20.33	137.98	-1013.22	312.42	1,152.68	1,101.02	51.41	18.470	
8,800.00	7,085.60	6,950.00	6,835.78	26.55	20.28	137.81	-1026.59	326.93	1,155.83	1,103.51	52.06	17.987	
8,900.00	7,082.98	6,950.00	6,835.78	26.88	20.28	137.64	-1039.96	341.44	1,158.98	1,106.00	52.71	17.504	
9,000.00	7,080.35	6,931.43	6,817.86	27.21	20.21	137.47	-1053.33	355.95	1,162.13	1,108.49	53.36	17.021	
9,100.00	7,077.72	6,922.77	6,809.46	27.54	20.18	137.30	-1066.70	370.46	1,165.28	1,110.98	54.01	16.538	
9,200.00	7,075.09	6,915.00	6,801.90	27.87	20.15	137.13	-1080.07	384.97	1,168.43	1,113.47	54.66	16.055	
9,300.00	7,072.47	6,900.00	6,787.26	28.20	20.10	136.96	-1093.44	399.48	1,171.58	1,115.96	55.31	15.572	
9,400.00	7,069.84	6,900.00	6,787.26	28.53	20.10	136.79	-1106.81	413.99	1,174.73	1,118.45	55.96	15.089	
9,500.00	7,067.21	6,900.00	6,787.26	28.86	20.10	136.62	-1120.18	428.50	1,177.88	1,120.94	56.61	14.606	
9,600.00	7,064.58	6,890.55	6,778.00	29.19	20.07	136.45	-1133.55	443.01	1,181.03	1,123.43	57.26	14.123	
9,700.00	7,061.95	6,883.25	6,770.84	29.52	20.04	136.28	-1146.92	457.52	1,184.18	1,125.92	57.91	13.640	
9,800.00	7,059.33	6,875.30	6,763.03	29.85	20.02	136.11	-1160.29	472.03	1,187.33	1,128.41	58.56	13.157	
9,900.00	7,056.70	6,858.20	6,746.23	30.18	19.96	135.94	-1173.66	486.54	1,190.48	1,130.90	59.21	12.674	
10,000.00	7,054.07	6,841.09	6,729.43	30.51	19.90	135.77	-1187.03	501.05	1,193.63	1,133.39	59.86	12.191	
10,100.00	7,051.44	6,823.98	6,712.63	30.84	19.84	135.60	-1200.40	515.56	1,196.78	1,135.88	60.51	11.708	
10,200.00	7,048.81	6,806.87	6,695.83	31.17	19.78	135.43	-1213.77	530.07	1,199.93	1,138.37	61.16	11.225	
10,300.00	7,046.18	6,789.76	6,679.03	31.50	19.72	135.26	-1227.14	544.58	1,203.08	1,140.86	61.81	10.742	
10,400.00	7,043.55	6,772.65	6,662.23	31.83	19.66	135.09	-1240.51	559.09	1,206.23	1,143.35	62.46	10.259	
10,500.00	7,040.92	6,755.54	6,645.43	32.16	19.60	134.92	-1253.88	573.60	1,209.38	1,145.84	63.11	9.776	
10,600.00	7,038.29	6,738.43	6,628.63	32.49	19.54	134.75	-1267.25	588.11	1,212.53	1,148.33	63.76	9.293	
10,700.00	7,035.66	6,721.32	6,611.83	32.82	19.48	134.58	-1280.62	602.62	1,215.68	1,150.82	64.41	8.810	
10,800.00	7,033.03	6,704.21	6,595.03	33.15	19.42	134.41	-1293.99	617.13	1,218.83	1,153.31	65.06	8.327	
10,900.00	7,030.40	6,687.10	6,578.23	33.48	19.36	134.24	-1307.36	631.64	1,221.98	1,155.80	65.71	7.844	
11,000.00	7,027.77	6,670.00	6,561.43	33.81	19.30	134.07	-1320.73	646.15	1,225.13	1,158.29	66.36	7.361	
11,100.00	7,025.14	6,652.89	6,544.63	34.14	19.24	133.90	-1334.10	660.66	1,228.28	1,160.78	67.01	6.878	
11,200.00	7,022.51	6,635.78	6,527.83	34.47	19.18	133.73	-1347.47	675.17	1,231.43	1,163.27	67.66	6.395	
11,300.00	7,019.88	6,618.67	6,511.03	34.80	19.12	133.56	-1360.84	689.68	1,234.58	1,165.76	68.31	5.912	
11,400.00	7,017.25	6,601.56	6,494.23	35.13	19.06	133.39	-1374.21	704.19	1,237.73	1,168.25	68.96	5.429	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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
10,200.00	7,048.81	6,806.88	6,695.83	51.57	19.79	-26.06	-747.30	3.98	2,258.49	2,218.78	39.71	56.870	
10,300.00	7,046.19	6,789.77	6,679.03	53.14	19.73	-24.95	-745.28	1.49	2,356.44	2,316.67	39.77	59.247	
10,400.00	7,043.56	6,772.67	6,662.22	54.71	19.67	-23.90	-743.26	-1.01	2,454.43	2,414.60	39.84	61.615	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.88	1.84	-899.82	899.82				
100.00	100.00	100.00	100.00	3.28	3.28	-89.88	1.84	-899.82	899.82	892.29	7.53	119.516	
200.00	200.00	200.00	200.00	3.31	3.31	-89.88	1.84	-899.82	899.82	892.25	7.57	118.806	
300.00	299.98	327.96	327.92	3.35	3.36	154.85	-0.22	-897.83	899.85	892.18	7.67	117.362	
400.00	399.84	455.82	455.48	3.41	3.45	154.64	-6.37	-891.89	899.93	892.13	7.81	115.275	
500.00	499.45	583.47	582.32	3.50	3.59	154.28	-16.60	-882.02	900.10	892.09	8.01	112.412	
600.00	598.70	710.80	708.09	3.61	3.78	153.79	-30.83	-868.27	900.37	892.09	8.28	108.762	
700.00	697.47	831.79	826.70	3.77	4.04	153.21	-48.02	-851.68	900.86	892.24	8.62	104.451	
800.00	795.75	931.50	924.16	3.97	4.29	152.74	-63.17	-837.04	903.06	894.05	9.02	100.157	
900.00	893.97	1,031.21	1,021.62	4.20	4.57	152.28	-78.33	-822.40	905.57	896.11	9.46	95.750	
1,000.00	992.20	1,130.93	1,119.08	4.45	4.88	151.83	-93.49	-807.77	908.13	898.18	9.94	91.340	
1,100.00	1,090.43	1,230.64	1,216.54	4.73	5.21	151.39	-108.65	-793.13	910.74	900.28	10.46	87.030	
1,200.00	1,188.66	1,330.35	1,314.00	5.02	5.55	150.94	-123.81	-778.49	913.41	902.40	11.02	82.903	
1,300.00	1,286.89	1,430.06	1,411.46	5.34	5.91	150.50	-138.97	-763.86	916.14	904.54	11.60	78.972	
1,400.00	1,385.12	1,529.77	1,508.92	5.66	6.27	150.06	-154.12	-749.22	918.92	906.71	12.21	75.275	
1,500.00	1,483.35	1,629.49	1,606.38	6.00	6.65	149.62	-169.28	-734.58	921.76	908.92	12.84	71.815	
1,600.00	1,581.57	1,729.20	1,703.84	6.34	7.04	149.19	-184.44	-719.95	924.65	911.16	13.48	68.588	
1,700.00	1,679.80	1,828.91	1,801.30	6.69	7.38	148.76	-199.60	-705.31	927.59	913.66	13.92	66.623	
1,800.00	1,778.03	1,928.62	1,898.76	7.05	7.54	148.33	-214.76	-690.67	930.58	916.20	14.39	64.689	
1,900.00	1,876.26	2,028.33	1,996.22	7.25	7.60	147.90	-229.91	-676.03	933.63	919.23	14.40	64.848	
2,000.00	1,974.49	2,128.05	2,093.68	7.29	7.67	147.48	-245.07	-661.40	936.73	922.22	14.50	64.592	
2,100.00	2,072.72	2,227.76	2,191.14	7.35	7.77	147.06	-260.23	-646.76	939.87	925.23	14.64	64.186	
2,200.00	2,170.95	2,327.47	2,288.60	7.43	7.88	146.64	-275.39	-632.12	943.07	928.25	14.82	63.642	
2,300.00	2,269.18	2,427.18	2,386.06	7.52	8.00	146.23	-290.55	-617.49	946.32	931.29	15.03	62.974	
2,400.00	2,367.40	2,526.89	2,483.52	7.63	8.14	145.81	-305.71	-602.85	949.62	934.35	15.27	62.195	
2,500.00	2,465.63	2,626.61	2,580.98	7.76	8.30	145.40	-320.86	-588.21	952.97	937.43	15.54	61.322	
2,600.00	2,563.86	2,726.32	2,678.44	7.90	8.47	145.00	-336.02	-573.58	956.36	940.52	15.84	60.370	
2,700.00	2,662.09	2,826.03	2,775.90	8.05	8.66	144.59	-351.18	-558.94	959.81	943.64	16.17	59.354	
2,800.00	2,760.32	2,925.74	2,873.36	8.21	8.85	144.19	-366.34	-544.30	963.30	946.77	16.53	58.288	
2,900.00	2,858.55	3,025.45	2,970.82	8.39	9.06	143.80	-381.50	-529.66	966.84	949.93	16.91	57.187	
3,000.00	2,956.78	3,125.17	3,068.28	8.58	9.28	143.40	-396.65	-515.03	970.42	953.11	17.31	56.063	
3,100.00	3,055.01	3,224.88	3,165.74	8.78	9.51	143.01	-411.81	-500.39	974.05	956.32	17.73	54.925	
3,200.00	3,153.23	3,324.59	3,263.20	8.99	9.75	142.62	-426.97	-485.75	977.73	959.55	18.18	53.784	
3,300.00	3,251.46	3,424.30	3,360.66	9.21	10.00	142.23	-442.13	-471.12	981.45	962.81	18.64	52.646	
3,400.00	3,349.69	3,524.01	3,458.12	9.43	10.25	141.85	-457.29	-456.48	985.21	966.09	19.12	51.520	
3,500.00	3,447.92	3,623.73	3,555.58	9.67	10.51	141.47	-472.45	-441.84	989.02	969.40	19.62	50.409	
3,600.00	3,546.15	3,723.44	3,653.04	9.91	10.78	141.09	-487.60	-427.21	992.87	972.74	20.13	49.319	
3,700.00	3,644.38	3,823.15	3,750.50	10.16	11.06	140.72	-502.76	-412.57	996.77	976.11	20.66	48.252	
3,800.00	3,742.61	3,922.86	3,847.96	10.41	11.34	140.35	-517.92	-397.93	1,000.70	979.51	21.20	47.212	
3,900.00	3,840.84	4,022.57	3,945.42	10.68	11.63	139.98	-533.08	-383.29	1,004.68	982.94	21.75	46.199	
4,000.00	3,939.06	4,122.29	4,042.88	10.94	11.93	139.62	-548.24	-368.66	1,008.70	986.40	22.31	45.216	
4,100.00	4,037.29	4,222.00	4,140.34	11.21	12.22	139.25	-563.40	-354.02	1,012.76	989.88	22.88	44.263	
4,200.00	4,135.52	4,321.71	4,237.80	11.49	12.53	138.89	-578.55	-339.38	1,016.87	993.40	23.46	43.340	
4,300.00	4,233.75	4,421.42	4,335.26	11.77	12.83	138.54	-593.71	-324.75	1,021.01	996.95	24.05	42.448	
4,400.00	4,331.98	4,521.13	4,432.72	12.06	13.14	138.18	-608.87	-310.11	1,025.19	1,000.54	24.65	41.586	
4,500.00	4,430.21	4,620.85	4,530.18	12.35	13.46	137.83	-624.03	-295.47	1,029.41	1,004.15	25.26	40.754	
4,600.00	4,528.44	4,720.56	4,627.64	12.64	13.77	137.48	-639.19	-280.83	1,033.67	1,007.79	25.87	39.952	
4,700.00	4,626.67	4,820.27	4,725.10	12.93	14.10	137.14	-654.34	-266.20	1,037.96	1,011.47	26.49	39.178	
4,800.00	4,724.89	4,919.98	4,822.56	13.23	14.42	136.79	-669.50	-251.56	1,042.29	1,015.17	27.12	38.432	
4,900.00	4,823.12	5,019.69	4,920.02	13.54	14.74	136.46	-684.66	-236.92	1,046.66	1,018.91	27.75	37.713	
5,000.00	4,921.35	5,119.41	5,017.48	13.84	15.07	136.12	-699.82	-222.29	1,051.07	1,022.68	28.39	37.020	
5,100.00	5,019.58	5,219.12	5,114.94	14.15	15.40	135.78	-714.98	-207.65	1,055.51	1,026.48	29.04	36.353	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,117.81	5,318.83	5,212.40	14.46	15.74	135.45	-730.14	-193.01	1,059.99	1,030.31	29.68	35.710		
5,300.00	5,216.04	5,418.54	5,309.86	14.77	16.07	135.12	-745.29	-178.38	1,064.51	1,034.17	30.34	35.090		
5,400.00	5,314.27	5,518.25	5,407.32	15.08	16.41	134.80	-760.45	-163.74	1,069.06	1,038.06	30.99	34.492		
5,500.00	5,412.50	5,617.97	5,504.78	15.40	16.75	134.48	-775.61	-149.10	1,073.64	1,041.98	31.66	33.917		
5,600.00	5,510.72	5,717.68	5,602.24	15.71	17.09	134.16	-790.77	-134.46	1,078.26	1,045.94	32.32	33.362		
5,700.00	5,608.95	5,817.39	5,699.70	16.03	17.43	133.84	-805.93	-119.83	1,082.91	1,049.92	32.99	32.826		
5,800.00	5,707.18	5,917.10	5,797.16	16.35	17.78	133.52	-821.08	-105.19	1,087.59	1,053.93	33.66	32.310		
5,900.00	5,805.41	6,016.81	5,894.62	16.68	18.12	133.21	-836.24	-90.55	1,092.30	1,057.97	34.34	31.812		
6,000.00	5,903.64	6,116.53	5,992.08	17.00	18.47	132.90	-851.40	-75.92	1,097.05	1,062.04	35.01	31.332		
6,100.00	6,001.87	6,216.24	6,089.54	17.33	18.82	132.60	-866.56	-61.28	1,101.83	1,066.14	35.69	30.868		
6,200.00	6,100.10	7,850.34	6,990.15	17.65	29.96	82.21	-1,006.17	977.09	1,045.74	1,012.96	32.78	31.903		
6,300.00	6,198.33	7,866.76	6,990.06	17.98	30.15	80.42	-1,006.15	993.51	958.91	924.96	33.94	28.250		
6,400.00	6,296.55	7,883.19	6,989.97	18.31	30.34	78.60	-1,006.13	1,009.94	874.58	839.26	35.32	24.762		
6,500.00	6,394.83	7,900.69	6,989.89	18.63	30.55	69.75	-1,006.11	1,026.06	793.52	756.56	36.97	21.467		
6,600.00	6,494.21	7,904.86	6,989.86	18.81	30.60	-13.56	-1,006.10	1,031.61	716.07	677.32	38.75	18.478		
6,700.00	6,593.31	7,905.26	6,989.91	18.92	30.61	-73.79	-1,006.12	1,021.49	644.96	604.21	40.75	15.828		
6,800.00	6,689.68	7,869.20	6,990.05	18.97	30.18	-88.92	-1,006.15	995.95	583.76	541.27	42.48	13.741		
6,900.00	6,780.96	7,828.86	6,990.26	18.98	29.70	-93.81	-1,006.20	955.61	535.44	491.41	44.03	12.161		
7,000.00	6,864.89	7,774.72	6,990.55	18.95	29.08	-93.91	-1,006.28	901.48	501.66	456.66	45.00	11.147		
7,100.00	6,939.42	7,708.12	6,990.90	18.90	28.33	-91.15	-1,006.36	834.88	481.97	436.72	45.25	10.652		
7,200.00	7,002.70	7,630.69	6,991.31	18.86	27.50	-86.83	-1,006.47	757.45	473.76	428.92	44.84	10.566 SF		
7,260.43	7,034.82	7,579.44	6,991.58	18.85	26.98	-83.97	-1,006.54	706.20	472.71	428.33	44.38	10.651 CC, ES		
7,300.00	7,053.18	7,544.34	6,991.77	18.85	26.63	-82.15	-1,006.58	671.10	473.05	429.02	44.03	10.745		
7,400.00	7,089.61	7,453.10	6,990.54	18.89	25.75	-78.05	-1,006.44	579.89	475.76	432.67	43.09	11.042		
7,500.00	7,111.10	7,365.40	6,978.69	19.02	24.95	-74.20	-1,004.64	493.09	479.95	437.78	42.16	11.383		
7,600.00	7,117.12	7,281.21	6,956.33	19.24	24.22	-70.55	-1,001.20	412.05	485.09	443.74	41.35	11.731		
7,700.00	7,114.51	7,202.08	6,925.86	19.62	23.58	-67.18	-996.49	339.23	492.80	452.09	40.71	12.105		
7,800.00	7,111.88	7,131.15	6,891.15	20.15	23.05	-63.42	-991.12	277.65	506.73	466.49	40.24	12.594		
7,900.00	7,109.26	7,068.70	6,855.15	20.84	22.60	-59.65	-985.55	226.96	528.49	488.53	39.96	13.225		
8,000.00	7,106.63	7,014.29	6,819.91	21.65	22.24	-56.11	-980.09	185.88	559.02	519.13	39.89	14.014		
8,100.00	7,104.00	6,967.11	6,786.65	22.56	21.94	-52.93	-974.93	152.84	598.45	558.46	40.00	14.963		
8,200.00	7,101.37	6,926.24	6,755.95	23.57	21.70	-50.15	-970.16	126.30	646.29	606.07	40.22	16.069		
8,300.00	7,098.74	6,890.77	6,727.99	24.65	21.49	-47.74	-965.82	104.92	701.65	661.14	40.51	17.322		
8,400.00	7,096.12	6,859.87	6,702.70	25.79	21.32	-45.66	-961.90	87.61	763.51	722.71	40.80	18.711		
8,500.00	7,093.49	6,832.84	6,679.93	26.99	21.18	-43.88	-958.36	73.50	830.86	789.77	41.09	20.221		
8,600.00	7,090.86	6,800.00	6,651.48	28.24	21.01	-41.76	-953.94	57.68	902.90	861.59	41.31	21.857		
8,700.00	7,088.23	6,800.00	6,651.48	29.53	21.01	-41.76	-953.94	57.68	978.72	937.13	41.59	23.533		
8,800.00	7,085.60	6,769.42	6,624.31	30.86	20.86	-39.85	-949.72	44.31	1,057.46	1,015.71	41.74	25.332		
8,900.00	7,082.98	6,750.00	6,606.74	32.22	20.77	-38.66	-946.99	36.51	1,139.01	1,097.12	41.89	27.188		
9,000.00	7,080.35	6,750.00	6,606.74	33.60	20.77	-38.66	-946.99	36.51	1,222.92	1,180.89	42.03	29.096		
9,100.00	7,077.72	6,724.36	6,583.19	35.02	20.65	-37.14	-943.33	27.05	1,308.36	1,266.23	42.13	31.057		
9,200.00	7,075.09	6,700.00	6,560.49	36.45	20.55	-35.75	-939.80	18.96	1,395.71	1,353.49	42.21	33.062		
9,300.00	7,072.47	6,700.00	6,560.49	37.90	20.55	-35.75	-939.80	18.96	1,484.06	1,441.78	42.29	35.096		
9,400.00	7,069.84	6,700.00	6,560.49	39.37	20.55	-35.75	-939.80	18.96	1,573.81	1,531.47	42.34	37.172		
9,500.00	7,067.21	6,681.75	6,543.29	40.86	20.47	-34.74	-937.13	13.48	1,664.38	1,621.98	42.40	39.256		
9,600.00	7,064.58	6,673.26	6,535.24	42.36	20.44	-34.27	-935.88	11.10	1,755.90	1,713.45	42.44	41.371		
9,700.00	7,061.95	6,650.00	6,513.02	43.87	20.35	-33.04	-932.42	5.14	1,848.40	1,805.90	42.50	43.493		
9,800.00	7,059.33	6,650.00	6,513.02	45.39	20.35	-33.04	-932.42	5.14	1,941.14	1,898.62	42.53	45.646		
9,900.00	7,056.70	6,650.00	6,513.02	46.92	20.35	-33.04	-932.42	5.14	2,034.57	1,992.02	42.55	47.817		
10,000.00	7,054.07	6,650.00	6,513.02	48.47	20.35	-33.04	-932.42	5.14	2,128.59	2,086.03	42.57	50.004		
10,100.00	7,051.44	6,650.00	6,513.02	50.02	20.35	-33.04	-932.42	5.14	2,223.14	2,180.55	42.59	52.203		
10,200.00	7,048.81	6,650.00	6,513.02	51.57	20.35	-33.04	-932.42	5.14	2,318.14	2,275.54	42.60	54.411		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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	
10,300.00	7,046.19	6,629.02	6,492.81	53.14	20.27	-31.96	-929.28	0.47	2,413.12	2,370.46	42.66	56.567		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	-89.87	2.20	-939.63	939.63				
100.00	100.00	100.00	100.00	3.28	3.28	-89.87	2.20	-939.63	939.63	932.11	7.53	124.804	
200.00	200.00	200.00	200.00	3.31	3.31	-89.87	2.20	-939.63	939.63	932.06	7.57	124.062	
300.00	299.98	339.81	339.76	3.35	3.37	154.90	0.51	-936.67	939.10	931.42	7.67	122.387	
400.00	399.84	479.50	479.06	3.41	3.48	154.79	-4.58	-927.82	937.48	929.66	7.82	119.878	
500.00	499.45	618.94	617.45	3.50	3.64	154.61	-13.02	-913.11	934.81	926.78	8.03	116.424	
600.00	598.70	747.61	744.31	3.61	3.86	154.39	-23.71	-894.48	931.24	922.94	8.30	112.205	
699.06	696.54	846.62	841.69	3.77	4.07	154.26	-32.62	-878.95	929.69	921.08	8.61	108.014	
700.00	697.47	847.57	842.61	3.77	4.07	154.26	-32.71	-878.80	929.69	921.08	8.61	107.975	
800.00	795.75	947.55	940.95	3.97	4.31	154.19	-41.71	-863.12	930.73	921.76	8.97	103.742	
900.00	893.97	1,047.54	1,039.29	4.20	4.57	154.13	-50.71	-847.43	932.02	922.64	9.37	99.420	
1,000.00	992.20	1,147.53	1,137.63	4.45	4.85	154.06	-59.71	-831.75	933.31	923.49	9.81	95.103	
1,100.00	1,090.43	1,247.51	1,235.96	4.73	5.15	154.00	-68.71	-816.06	934.60	924.32	10.28	90.878	
1,200.00	1,188.66	1,347.50	1,334.30	5.02	5.46	153.94	-77.72	-800.38	935.89	925.11	10.78	86.826	
1,300.00	1,286.89	1,447.49	1,432.64	5.34	5.78	153.88	-86.72	-784.70	937.18	925.89	11.30	82.941	
1,400.00	1,385.12	1,547.47	1,530.98	5.66	6.11	153.82	-95.72	-769.01	938.48	926.64	11.84	79.270	
1,500.00	1,483.35	1,647.46	1,629.32	6.00	6.45	153.76	-104.72	-753.33	939.77	927.38	12.40	75.817	
1,600.00	1,581.57	1,747.45	1,727.65	6.34	6.80	153.70	-113.72	-737.64	941.07	928.11	12.97	72.578	
1,700.00	1,679.80	1,847.43	1,825.99	6.69	7.08	153.64	-122.72	-721.96	942.37	929.06	13.31	70.801	
1,800.00	1,778.03	1,947.42	1,924.33	7.05	7.20	153.58	-131.72	-706.27	943.67	929.97	13.70	68.898	
1,900.00	1,876.26	2,047.41	2,022.67	7.25	7.25	153.52	-140.73	-690.59	944.97	931.29	13.68	69.099	
2,000.00	1,974.49	2,147.39	2,121.00	7.29	7.31	153.46	-149.73	-674.91	946.27	932.52	13.75	68.823	
2,100.00	2,072.72	2,247.38	2,219.34	7.35	7.40	153.40	-158.73	-659.22	947.57	933.71	13.86	68.387	
2,200.00	2,170.95	2,347.37	2,317.68	7.43	7.50	153.34	-167.73	-643.54	948.87	934.88	14.00	67.801	
2,300.00	2,269.18	2,447.35	2,416.02	7.52	7.61	153.28	-176.73	-627.85	950.18	936.01	14.17	67.076	
2,400.00	2,367.40	2,547.34	2,514.35	7.63	7.74	153.22	-185.73	-612.17	951.48	937.12	14.37	66.230	
2,500.00	2,465.63	2,647.33	2,612.69	7.76	7.88	153.16	-194.73	-596.48	952.79	938.19	14.60	65.277	
2,600.00	2,563.86	2,747.31	2,711.03	7.90	8.04	153.10	-203.74	-580.80	954.09	939.24	14.85	64.233	
2,700.00	2,662.09	2,847.30	2,809.37	8.05	8.21	153.04	-212.74	-565.12	955.40	940.27	15.14	63.116	
2,800.00	2,760.32	2,947.29	2,907.71	8.21	8.39	152.98	-221.74	-549.43	956.71	941.27	15.45	61.941	
2,900.00	2,858.55	3,047.27	3,006.04	8.39	8.58	152.92	-230.74	-533.75	958.02	942.24	15.78	60.722	
3,000.00	2,956.78	3,147.26	3,104.38	8.58	8.78	152.86	-239.74	-518.06	959.33	943.20	16.13	59.473	
3,100.00	3,055.01	3,247.25	3,202.72	8.78	8.99	152.81	-248.74	-502.38	960.64	944.14	16.50	58.206	
3,200.00	3,153.23	3,347.23	3,301.06	8.99	9.21	152.75	-257.74	-486.69	961.96	945.06	16.90	56.931	
3,300.00	3,251.46	3,447.22	3,399.39	9.21	9.43	152.69	-266.75	-471.01	963.27	945.96	17.31	55.657	
3,400.00	3,349.69	3,547.21	3,497.73	9.43	9.67	152.63	-275.75	-455.32	964.59	946.85	17.73	54.392	
3,500.00	3,447.92	3,647.19	3,596.07	9.67	9.91	152.58	-284.75	-439.64	965.90	947.73	18.18	53.142	
3,600.00	3,546.15	3,747.18	3,694.41	9.91	10.16	152.52	-293.75	-423.96	967.22	948.59	18.63	51.912	
3,700.00	3,644.38	3,847.17	3,792.74	10.16	10.41	152.46	-302.75	-408.27	968.54	949.43	19.10	50.706	
3,800.00	3,742.61	3,947.15	3,891.08	10.41	10.67	152.40	-311.75	-392.59	969.85	950.27	19.58	49.527	
3,900.00	3,840.84	4,047.14	3,989.42	10.68	10.94	152.35	-320.76	-376.90	971.17	951.10	20.08	48.377	
4,000.00	3,939.06	4,147.13	4,087.76	10.94	11.21	152.29	-329.76	-361.22	972.50	951.92	20.58	47.259	
4,100.00	4,037.29	4,247.11	4,186.10	11.21	11.48	152.23	-338.76	-345.53	973.82	952.73	21.09	46.173	
4,200.00	4,135.52	4,347.10	4,284.43	11.49	11.76	152.18	-347.76	-329.85	975.14	953.53	21.61	45.119	
4,300.00	4,233.75	4,447.09	4,382.77	11.77	12.04	152.12	-356.76	-314.17	976.46	954.32	22.14	44.099	
4,400.00	4,331.98	4,547.07	4,481.11	12.06	12.33	152.06	-365.76	-298.48	977.79	955.11	22.68	43.112	
4,500.00	4,430.21	4,647.06	4,579.45	12.35	12.62	152.01	-374.76	-282.80	979.11	955.89	23.23	42.157	
4,600.00	4,528.44	4,747.05	4,677.78	12.64	12.92	151.95	-383.77	-267.11	980.44	956.66	23.78	41.235	
4,700.00	4,626.67	4,847.03	4,776.12	12.93	13.21	151.90	-392.77	-251.43	981.77	957.43	24.34	40.344	
4,800.00	4,724.89	4,947.02	4,874.46	13.23	13.51	151.84	-401.77	-235.74	983.09	958.20	24.90	39.483	
4,900.00	4,823.12	5,047.01	4,972.80	13.54	13.81	151.79	-410.77	-220.06	984.42	958.96	25.47	38.653	
5,000.00	4,921.35	5,146.99	5,071.13	13.84	14.12	151.73	-419.77	-204.38	985.75	959.71	26.04	37.851	

# Hewlett-Packard

## Anticollision Report

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

Offset Design 5N-66W-05 VOLT 19-5 PAD - VOLT 36N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,019.58	5,246.98	5,169.47	14.15	14.42	151.67	-428.77	-188.69	987.08	960.46	26.62	37.078		
5,200.00	5,117.81	5,346.97	5,267.81	14.46	14.73	151.62	-437.77	-173.01	988.42	961.21	27.21	36.331		
5,300.00	5,216.04	5,446.95	5,366.15	14.77	15.04	151.56	-446.78	-157.32	989.75	961.96	27.79	35.611		
5,400.00	5,314.27	5,546.94	5,464.49	15.08	15.35	151.51	-455.78	-141.64	991.08	962.70	28.39	34.915		
5,500.00	5,412.50	5,646.93	5,562.82	15.40	15.67	151.46	-464.78	-125.95	992.42	963.44	28.98	34.244		
5,600.00	5,510.72	5,746.91	5,661.16	15.71	15.98	151.40	-473.78	-110.27	993.75	964.17	29.58	33.596		
5,700.00	5,608.95	5,846.90	5,759.50	16.03	16.30	151.35	-482.78	-94.59	995.09	964.91	30.18	32.969		
5,800.00	5,707.18	5,946.89	5,857.84	16.35	16.62	151.29	-491.78	-78.90	996.43	965.64	30.79	32.365		
5,900.00	5,805.41	6,046.87	5,956.17	16.68	16.94	151.24	-500.78	-63.22	997.76	966.37	31.40	31.780		
6,000.00	5,903.64	6,146.86	6,054.51	17.00	17.26	151.19	-509.79	-47.53	999.10	967.10	32.01	31.215		
6,100.00	6,001.87	6,246.85	6,152.85	17.33	17.59	151.13	-518.79	-31.85	1,000.44	967.82	32.62	30.669		
6,200.00	6,100.10	6,346.83	6,251.19	17.65	17.91	151.08	-527.79	-16.16	1,001.78	968.55	33.24	30.141		
6,300.00	6,198.33	7,910.24	7,115.87	17.98	29.18	131.90	-603.41	992.41	927.90	898.98	28.92	32.083		
6,400.00	6,296.55	7,926.81	7,115.81	18.31	29.39	129.54	-603.33	1,008.98	829.54	800.24	29.29	28.318		
6,500.00	6,394.83	7,943.09	7,115.75	18.63	29.59	116.91	-603.26	1,025.26	731.20	701.51	29.68	24.634		
6,600.00	6,494.21	7,948.80	7,115.73	18.81	29.66	-24.39	-603.24	1,030.97	631.89	601.84	30.04	21.033		
6,700.00	6,593.31	7,938.83	7,115.77	18.92	29.54	-121.03	-603.28	1,021.00	533.06	502.72	30.34	17.568		
6,800.00	6,689.68	7,913.44	7,115.86	18.97	29.22	-142.13	-603.39	995.61	437.26	406.65	30.60	14.288		
6,900.00	6,780.96	7,873.24	7,116.00	18.98	28.73	-148.91	-603.57	955.41	346.97	316.09	30.88	11.236		
7,000.00	6,864.89	7,819.24	7,116.19	18.95	28.08	-150.39	-603.80	901.41	264.71	233.42	31.29	8.461		
7,100.00	6,939.42	7,752.75	7,116.42	18.90	27.31	-148.23	-604.10	834.92	193.00	160.94	32.06	6.020		
7,200.00	7,002.70	7,675.42	7,116.69	18.86	26.44	-141.96	-604.43	757.59	134.61	100.94	33.67	3.998		
7,300.00	7,053.18	7,589.57	7,116.98	18.85	25.51	-130.02	-604.81	671.74	92.72	56.04	36.68	2.528		
7,400.00	7,089.61	7,491.77	7,110.44	18.89	24.51	-106.12	-604.60	574.26	66.92	25.43	41.49	1.613		
7,463.53	7,105.04	7,432.96	7,099.38	18.97	23.93	-84.60	-603.82	516.53	61.31	18.96	42.35	1.448	Level 3, CC, ES, SF	
7,500.00	7,111.10	7,400.20	7,090.93	19.02	23.61	-71.93	-603.17	484.89	63.16	21.91	41.25	1.531		
7,600.00	7,117.12	7,313.60	7,060.91	19.24	22.82	-44.81	-600.73	403.77	82.73	45.67	37.07	2.232		
7,700.00	7,114.51	7,233.75	7,023.75	19.62	22.15	-29.82	-597.59	333.22	117.32	81.92	35.40	3.314		
7,800.00	7,111.88	7,163.95	6,984.29	20.15	21.60	-20.70	-594.18	275.78	166.44	130.99	35.45	4.695		
7,900.00	7,109.26	7,103.78	6,945.43	20.84	21.16	-15.20	-590.79	230.01	226.16	190.16	36.00	6.282		
8,000.00	7,106.63	7,050.00	6,907.18	21.65	20.80	-11.59	-587.41	192.37	293.69	257.16	36.54	8.038		
8,100.00	7,104.00	7,008.20	6,875.35	22.56	20.53	-9.41	-584.59	165.43	367.07	330.02	37.05	9.906		
8,200.00	7,101.37	6,970.42	6,845.12	23.57	20.31	-7.78	-581.89	142.94	444.97	407.55	37.42	11.890		
8,300.00	7,098.74	6,937.88	6,818.07	24.65	20.12	-6.60	-579.47	125.03	526.40	488.70	37.70	13.962		
8,400.00	7,096.12	6,909.71	6,793.93	25.79	19.97	-5.71	-577.31	110.67	610.61	572.70	37.91	16.107		
8,500.00	7,093.49	6,885.17	6,772.41	26.99	19.85	-5.02	-575.37	99.05	697.06	658.99	38.07	18.311		
8,600.00	7,090.86	6,863.66	6,753.19	28.24	19.74	-4.47	-573.64	89.55	785.32	747.14	38.19	20.566		
8,700.00	7,088.23	6,850.00	6,740.82	29.53	19.67	-4.15	-572.52	83.85	875.11	836.84	38.27	22.867		
8,800.00	7,085.60	6,827.89	6,720.55	30.86	19.57	-3.66	-570.69	75.21	966.05	927.71	38.34	25.194		
8,900.00	7,082.98	6,800.00	6,694.58	32.22	19.45	-3.10	-568.33	65.32	1,058.27	1,019.85	38.42	27.543		
9,000.00	7,080.35	6,800.00	6,694.58	33.60	19.45	-3.10	-568.33	65.32	1,150.94	1,112.50	38.44	29.943		
9,100.00	7,077.72	6,800.00	6,694.58	35.02	19.45	-3.10	-568.33	65.32	1,244.74	1,206.30	38.44	32.383		
9,200.00	7,075.09	6,776.40	6,672.29	36.45	19.35	-2.67	-566.31	57.85	1,338.80	1,300.30	38.50	34.772		
9,300.00	7,072.47	6,766.45	6,662.81	37.90	19.31	-2.51	-565.45	54.95	1,433.59	1,395.06	38.53	37.211		
9,400.00	7,069.84	6,750.00	6,647.05	39.37	19.24	-2.24	-564.01	50.49	1,528.91	1,490.34	38.57	39.640		
9,500.00	7,067.21	6,750.00	6,647.05	40.86	19.24	-2.24	-564.01	50.49	1,624.52	1,585.96	38.56	42.126		
9,600.00	7,064.58	6,750.00	6,647.05	42.36	19.24	-2.24	-564.01	50.49	1,720.64	1,682.08	38.56	44.627		
9,700.00	7,061.95	6,750.00	6,647.05	43.87	19.24	-2.24	-564.01	50.49	1,817.17	1,778.62	38.55	47.138		
9,800.00	7,059.33	6,727.90	6,625.70	45.39	19.16	-1.91	-562.06	45.14	1,913.55	1,874.92	38.63	49.542		
9,900.00	7,056.70	6,721.88	6,619.84	46.92	19.14	-1.82	-561.53	43.81	2,010.43	1,971.79	38.64	52.023		
10,000.00	7,054.07	6,700.00	6,598.49	48.47	19.06	-1.53	-559.58	39.45	2,107.81	2,069.09	38.72	54.432		
10,100.00	7,051.44	6,700.00	6,598.49	50.02	19.06	-1.53	-559.58	39.45	2,204.98	2,166.25	38.73	56.937		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 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	7,048.81	6,700.00	6,598.49	51.57	19.06	-1.53	-559.58	39.45	2,302.39	2,263.66	38.73	59.444	
10,300.00	7,046.19	6,700.00	6,598.49	53.14	19.06	-1.53	-559.58	39.45	2,400.01	2,361.27	38.74	61.952	
10,400.00	7,043.56	6,700.00	6,598.49	54.71	19.06	-1.53	-559.58	39.45	2,497.82	2,459.07	38.75	64.459	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-66W-06 Offsets Incomplete - BRANDONDI 1 - PDC SI Well - Actual MS Energy Surveys												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7000-SRC Energy_2" CONE_2.448												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,400.00	6,991.00	7,045.26	7,044.26	86.92	18.60	113.61	-429.89	-6,844.84	2,430.86	2,391.18	39.67	61.270	
12,500.00	6,988.37	7,042.43	7,041.43	88.55	18.58	112.68	-430.00	-6,844.84	2,331.08	2,291.22	39.85	58.491	
12,600.00	6,985.74	7,039.61	7,038.61	90.19	18.56	111.73	-430.11	-6,844.85	2,231.31	2,191.26	40.05	55.716	
12,700.00	6,983.12	7,036.78	7,035.78	91.82	18.54	110.77	-430.22	-6,844.85	2,131.56	2,091.30	40.26	52.946	
12,800.00	6,980.49	7,033.96	7,032.96	93.46	18.52	109.79	-430.33	-6,844.86	2,031.83	1,991.34	40.49	50.180	
12,900.00	6,977.86	7,031.13	7,030.14	95.10	18.50	108.81	-430.44	-6,844.86	1,932.13	1,891.38	40.75	47.417	
13,000.00	6,975.23	7,028.30	7,027.31	96.74	18.48	107.80	-430.55	-6,844.87	1,832.45	1,791.42	41.03	44.658	
13,100.00	6,972.60	7,025.48	7,024.49	98.38	18.46	106.79	-430.66	-6,844.87	1,732.81	1,691.45	41.35	41.903	
13,200.00	6,969.98	7,022.65	7,021.66	100.03	18.44	105.76	-430.77	-6,844.88	1,633.20	1,591.49	41.72	39.151	
13,300.00	6,967.35	7,019.83	7,018.84	101.67	18.42	104.72	-430.88	-6,844.88	1,533.64	1,491.51	42.13	36.402	
13,400.00	6,964.72	7,017.00	7,016.02	103.31	18.41	103.67	-430.99	-6,844.89	1,434.14	1,391.53	42.61	33.656	
13,500.00	6,962.09	7,014.17	7,013.19	104.96	18.39	102.61	-431.10	-6,844.89	1,334.70	1,291.53	43.17	30.914	
13,600.00	6,959.47	7,011.35	7,010.37	106.60	18.37	101.53	-431.21	-6,844.90	1,235.35	1,191.51	43.84	28.176	
13,700.00	6,956.84	7,008.52	7,007.54	108.25	18.35	100.45	-431.32	-6,844.91	1,136.11	1,091.46	44.65	25.442	
13,800.00	6,954.21	7,005.70	7,004.72	109.90	18.33	99.36	-431.43	-6,844.91	1,037.00	991.35	45.65	22.716	
13,900.00	6,951.58	7,002.87	7,001.90	111.55	18.31	98.26	-431.54	-6,844.92	938.08	891.18	46.90	20.002	
14,000.00	6,948.95	7,000.04	6,999.07	113.20	18.29	97.15	-431.65	-6,844.92	839.40	790.90	48.50	17.307	
14,100.00	6,946.33	7,002.78	6,996.25	114.84	18.31	96.03	-431.76	-6,844.93	741.07	690.41	50.65	14.631	
14,200.00	6,943.70	7,005.61	6,993.42	116.50	18.33	94.91	-431.87	-6,844.93	643.23	589.67	53.56	12.010	
14,300.00	6,941.07	7,008.43	6,990.60	118.15	18.35	93.78	-431.98	-6,844.94	546.17	488.52	57.64	9.475	
14,400.00	6,938.44	6,988.74	6,987.78	119.80	18.27	92.65	-432.09	-6,844.94	450.37	386.81	63.56	7.086	
14,500.00	6,935.81	6,985.91	6,984.95	121.45	18.27	91.51	-432.20	-6,844.95	356.87	283.99	72.88	4.897	
14,600.00	6,933.19	6,983.09	6,982.13	123.10	18.26	90.37	-432.31	-6,844.95	268.07	179.78	88.29	3.036	
14,700.00	6,930.56	6,980.26	6,979.31	124.75	18.26	89.23	-432.42	-6,844.96	190.65	76.52	114.13	1.670	
14,800.00	6,927.93	6,977.44	6,976.48	126.41	18.25	88.09	-432.53	-6,844.96	144.29	1.00	143.29	1.007 Level 2	
14,827.70	6,927.20	6,976.65	6,975.70	126.87	18.25	87.77	-432.56	-6,844.96	141.61	-3.94	145.55	0.973 Level 1, CC, ES, SF	
14,900.00	6,925.30	6,974.61	6,973.66	128.06	18.25	86.95	-432.64	-6,844.97	158.99	26.91	132.08	1.204 Level 2	
15,000.00	6,922.67	6,971.78	6,970.83	129.72	18.24	85.80	-432.75	-6,844.97	222.98	122.01	100.96	2.208	
15,100.00	6,920.05	6,968.96	6,968.01	131.37	18.24	84.66	-432.86	-6,844.98	306.83	226.46	80.37	3.818	
15,200.00	6,917.42	6,966.13	6,965.19	133.03	18.23	83.52	-432.97	-6,844.98	398.18	329.90	68.28	5.831	
15,300.00	6,914.79	6,963.31	6,962.36	134.68	18.23	82.39	-433.08	-6,844.99	492.89	432.02	60.88	8.097	
15,392.03	6,912.37	6,960.70	6,959.76	136.21	18.22	81.35	-433.18	-6,844.99	581.61	525.21	56.40	10.312	

# Hewlett-Packard

## Anticollision Report

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

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7550-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,500.00	7,014.65	7,121.02	6,990.29	72.29	16.27	91.86	949.59	-5,486.60	2,481.08	2,416.02	65.06	38.138	
11,600.00	7,012.02	7,119.68	6,988.95	73.90	16.27	91.81	949.62	-5,486.58	2,402.79	2,335.47	67.32	35.693	
11,700.00	7,009.40	7,118.34	6,987.62	75.52	16.27	91.76	949.64	-5,486.56	2,326.16	2,256.45	69.71	33.368	
11,800.00	7,006.77	7,117.01	6,986.29	77.15	16.26	91.71	949.66	-5,486.55	2,251.37	2,179.13	72.24	31.165	
11,900.00	7,004.14	7,115.69	6,984.97	78.77	16.26	91.66	949.68	-5,486.53	2,178.60	2,103.69	74.90	29.085	
12,000.00	7,001.51	7,114.38	6,983.66	80.40	16.26	91.61	949.70	-5,486.51	2,108.06	2,030.35	77.70	27.130	
12,100.00	6,998.88	7,113.07	6,982.35	82.02	16.26	91.56	949.72	-5,486.49	2,039.98	1,959.35	80.63	25.299	
12,200.00	6,996.26	7,111.78	6,981.05	83.65	16.25	91.51	949.74	-5,486.48	1,974.63	1,890.93	83.69	23.594	
12,300.00	6,993.63	7,110.48	6,979.76	85.28	16.25	91.46	949.76	-5,486.46	1,912.27	1,825.40	86.87	22.014	
12,400.00	6,991.00	7,109.20	6,978.48	86.92	16.25	91.41	949.78	-5,486.44	1,853.21	1,763.07	90.14	20.560	
12,500.00	6,988.37	7,107.92	6,977.20	88.55	16.25	91.36	949.80	-5,486.43	1,797.77	1,704.28	93.49	19.230	
12,600.00	6,985.74	7,106.65	6,975.92	90.19	16.24	91.31	949.82	-5,486.41	1,746.31	1,649.43	96.88	18.025	
12,700.00	6,983.12	7,105.38	6,974.66	91.82	16.24	91.27	949.84	-5,486.39	1,699.17	1,598.89	100.28	16.944	
12,800.00	6,980.49	7,104.12	6,973.40	93.46	16.24	91.22	949.86	-5,486.37	1,656.74	1,553.09	103.65	15.984	
12,900.00	6,977.86	7,102.87	6,972.15	95.10	16.24	91.17	949.88	-5,486.36	1,619.38	1,512.45	106.93	15.145	
13,000.00	6,975.23	7,101.62	6,970.90	96.74	16.23	91.13	949.90	-5,486.34	1,587.44	1,477.39	110.05	14.424	
13,100.00	6,972.60	7,100.38	6,969.66	98.38	16.23	91.08	949.92	-5,486.32	1,561.27	1,448.30	112.97	13.821	
13,200.00	6,969.98	7,099.17	6,968.45	100.03	16.23	91.03	949.94	-5,486.31	1,541.15	1,425.54	115.61	13.331	
13,300.00	6,967.35	7,097.99	6,967.27	101.67	16.23	90.99	949.96	-5,486.29	1,527.33	1,409.41	117.92	12.953	
13,400.00	6,964.72	7,096.81	6,966.09	103.31	16.22	90.94	949.98	-5,486.27	1,519.97	1,400.12	119.84	12.683	
13,462.12	6,963.09	7,096.09	6,965.37	104.33	16.22	90.92	949.99	-5,486.26	1,518.70	1,397.87	120.83	12.569 CC	
13,500.00	6,962.09	7,095.65	6,964.93	104.96	16.22	90.90	949.99	-5,486.26	1,519.17	1,397.82	121.35	12.519 ES	
13,600.00	6,959.47	7,094.50	6,963.78	106.60	16.22	90.86	950.01	-5,486.24	1,524.94	1,402.52	122.42	12.456 SF	
13,700.00	6,956.84	7,093.36	6,962.64	108.25	16.22	90.81	950.03	-5,486.23	1,537.21	1,414.16	123.05	12.493	
13,800.00	6,954.21	7,092.23	6,961.52	109.90	16.21	90.77	950.05	-5,486.21	1,555.82	1,432.58	123.25	12.623	
13,900.00	6,951.58	7,091.12	6,960.40	111.55	16.21	90.73	950.07	-5,486.20	1,580.55	1,457.51	123.04	12.845	
14,000.00	6,948.95	7,090.01	6,959.30	113.20	16.21	90.69	950.08	-5,486.18	1,611.12	1,488.64	122.48	13.154	
14,100.00	6,946.33	7,088.92	6,958.20	114.84	16.21	90.65	950.10	-5,486.16	1,647.20	1,525.60	121.60	13.546	
14,200.00	6,943.70	7,087.84	6,957.12	116.50	16.21	90.61	950.12	-5,486.15	1,688.44	1,567.99	120.45	14.018	
14,300.00	6,941.07	7,086.77	6,956.05	118.15	16.20	90.56	950.14	-5,486.13	1,734.47	1,615.38	119.09	14.564	
14,400.00	6,938.44	7,085.71	6,954.99	119.80	16.20	90.52	950.16	-5,486.12	1,784.92	1,667.36	117.56	15.183	
14,500.00	6,935.81	7,084.65	6,953.94	121.45	16.20	90.49	950.17	-5,486.10	1,839.43	1,723.51	115.91	15.869	
14,600.00	6,933.19	7,083.61	6,952.90	123.10	16.20	90.45	950.19	-5,486.09	1,897.64	1,783.46	114.18	16.619	
14,700.00	6,930.56	7,082.58	6,951.87	124.75	16.20	90.41	950.21	-5,486.07	1,959.23	1,846.83	112.40	17.431	
14,800.00	6,927.93	7,081.56	6,950.85	126.41	16.19	90.37	950.22	-5,486.06	2,023.89	1,913.29	110.60	18.300	
14,900.00	6,925.30	7,080.55	6,949.84	128.06	16.19	90.33	950.24	-5,486.04	2,091.33	1,982.54	108.79	19.223	
15,000.00	6,922.67	7,079.55	6,948.84	129.72	16.19	90.29	950.26	-5,486.03	2,161.30	2,054.29	107.01	20.198	
15,100.00	6,920.05	7,078.56	6,947.85	131.37	16.19	90.26	950.27	-5,486.01	2,233.55	2,128.29	105.25	21.221	
15,200.00	6,917.42	7,077.58	6,946.87	133.03	16.19	90.22	950.29	-5,486.00	2,307.87	2,204.33	103.54	22.290	
15,300.00	6,914.79	7,076.61	6,945.89	134.68	16.18	90.18	950.31	-5,485.98	2,384.07	2,282.19	101.88	23.401	
15,392.03	6,912.37	7,075.72	6,945.01	136.21	16.18	90.15	950.32	-5,485.97	2,455.71	2,355.31	100.39	24.461	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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		
11,100.00	7,025.16	7,464.83	7,004.27	65.84	25.02	108.35	-371.35	-5,570.52	2,459.53	2,414.78	44.75	54.961		
11,200.00	7,022.53	7,462.94	7,002.38	67.45	25.01	107.84	-371.17	-5,570.51	2,359.91	2,314.94	44.97	52.479		
11,300.00	7,019.91	7,461.05	7,000.50	69.06	25.01	107.33	-370.99	-5,570.50	2,260.31	2,215.10	45.21	50.000		
11,400.00	7,017.28	7,459.15	6,998.61	70.67	25.01	106.82	-370.81	-5,570.48	2,160.75	2,115.28	45.47	47.522		
11,500.00	7,014.65	7,457.26	6,996.73	72.29	25.01	106.31	-370.63	-5,570.47	2,061.23	2,015.47	45.76	45.046		
11,600.00	7,012.02	7,455.37	6,994.84	73.90	25.00	105.79	-370.45	-5,570.46	1,961.76	1,915.68	46.08	42.572		
11,700.00	7,009.40	7,453.47	6,992.96	75.52	25.00	105.27	-370.27	-5,570.45	1,862.34	1,815.90	46.44	40.101		
11,800.00	7,006.77	7,451.58	6,991.07	77.15	25.00	104.75	-370.09	-5,570.43	1,762.99	1,716.14	46.85	37.632		
11,900.00	7,004.14	7,449.69	6,989.19	78.77	25.00	104.23	-369.91	-5,570.42	1,663.71	1,616.40	47.31	35.166		
12,000.00	7,001.51	7,447.84	6,987.35	80.40	24.99	103.72	-369.73	-5,570.41	1,564.52	1,516.68	47.84	32.702		
12,100.00	6,998.88	7,445.99	6,985.50	82.02	24.99	103.21	-369.56	-5,570.39	1,465.44	1,416.99	48.45	30.243		
12,200.00	6,996.26	7,444.14	6,983.67	83.65	24.99	102.69	-369.38	-5,570.38	1,366.49	1,317.32	49.17	27.789		
12,300.00	6,993.63	7,442.30	6,981.84	85.28	24.99	102.18	-369.20	-5,570.37	1,267.70	1,217.68	50.02	25.343		
12,400.00	6,991.00	7,440.47	6,980.02	86.92	24.98	101.67	-369.02	-5,570.36	1,169.12	1,118.08	51.04	22.906		
12,500.00	6,988.37	7,438.65	6,978.20	88.55	24.98	101.16	-368.84	-5,570.34	1,070.80	1,018.52	52.28	20.483		
12,600.00	6,985.74	7,436.83	6,976.39	90.19	24.98	100.65	-368.67	-5,570.33	972.81	919.00	53.81	18.080		
12,700.00	6,983.12	7,435.01	6,974.58	91.82	24.98	100.14	-368.49	-5,570.32	875.28	819.55	55.73	15.707		
12,800.00	6,980.49	7,433.20	6,972.78	93.46	24.97	99.64	-368.31	-5,570.30	778.36	720.18	58.19	13.377		
12,900.00	6,977.86	7,431.40	6,970.99	95.10	24.97	99.13	-368.13	-5,570.29	682.34	620.93	61.41	11.111		
13,000.00	6,975.23	7,429.60	6,969.20	96.74	24.97	98.62	-367.95	-5,570.28	587.63	521.89	65.74	8.938		
13,100.00	6,972.60	7,427.81	6,967.42	98.38	24.97	98.12	-367.77	-5,570.27	495.01	423.28	71.73	6.901		
13,200.00	6,969.98	7,426.03	6,965.64	100.03	24.96	97.61	-367.59	-5,570.25	405.89	325.67	80.23	5.059		
13,300.00	6,967.35	7,424.25	6,963.87	101.67	24.96	97.11	-367.41	-5,570.24	323.20	230.83	92.37	3.499		
13,400.00	6,964.72	7,422.47	6,962.11	103.31	24.96	96.61	-367.23	-5,570.23	253.30	144.76	108.54	2.334		
13,500.00	6,962.09	7,420.70	6,960.35	104.96	24.96	96.11	-367.05	-5,570.22	209.41	86.38	123.03	1.702		
13,551.56	6,960.74	7,419.79	6,959.44	105.81	24.95	95.86	-366.96	-5,570.21	202.97	78.22	124.75	1.627 CC, ES, SF		
13,600.00	6,959.47	7,418.94	6,958.59	106.60	24.95	95.62	-366.87	-5,570.20	208.67	87.38	121.28	1.720		
13,700.00	6,956.84	7,417.18	6,956.84	108.25	24.95	95.12	-366.69	-5,570.19	251.45	146.06	105.39	2.386		
13,800.00	6,954.21	7,415.43	6,955.10	109.90	24.95	94.63	-366.51	-5,570.18	320.78	231.20	89.58	3.581		
13,900.00	6,951.58	7,413.68	6,953.36	111.55	24.95	94.13	-366.33	-5,570.16	403.20	325.10	78.10	5.162		
14,000.00	6,948.95	7,411.94	6,951.63	113.20	24.94	93.64	-366.15	-5,570.15	492.17	421.94	70.23	7.008		
14,100.00	6,946.33	7,410.21	6,949.91	114.84	24.94	93.15	-365.97	-5,570.14	584.71	519.95	64.76	9.029		
14,200.00	6,943.70	7,408.48	6,948.19	116.50	24.94	92.67	-365.79	-5,570.12	679.37	618.49	60.88	11.160		
14,300.00	6,941.07	7,406.75	6,946.47	118.15	24.94	92.18	-365.61	-5,570.11	775.36	717.31	58.04	13.358		
14,400.00	6,938.44	7,405.03	6,944.76	119.80	24.93	91.70	-365.43	-5,570.10	872.25	816.31	55.94	15.593		
14,500.00	6,935.81	7,403.32	6,943.06	121.45	24.93	91.22	-365.25	-5,570.09	969.77	915.43	54.34	17.846		
14,600.00	6,933.19	7,401.61	6,941.36	123.10	24.93	90.74	-365.07	-5,570.07	1,067.74	1,014.63	53.12	20.102		
14,700.00	6,930.56	7,399.91	6,939.66	124.75	24.93	90.26	-364.89	-5,570.06	1,166.06	1,113.90	52.16	22.354		
14,800.00	6,927.93	7,398.21	6,937.98	126.41	24.92	89.79	-364.71	-5,570.05	1,264.64	1,213.22	51.42	24.596		
14,900.00	6,925.30	7,396.52	6,936.30	128.06	24.92	89.32	-364.52	-5,570.03	1,363.42	1,312.59	50.83	26.825		
15,000.00	6,922.67	7,394.83	6,934.61	129.72	24.92	88.85	-364.34	-5,570.02	1,462.37	1,412.01	50.36	29.038		
15,100.00	6,920.05	7,393.14	6,932.93	131.37	24.92	88.38	-364.16	-5,570.01	1,561.44	1,511.45	49.99	31.235		
15,200.00	6,917.42	7,391.45	6,931.26	133.03	24.91	87.91	-363.97	-5,570.00	1,660.63	1,610.93	49.70	33.414		
15,300.00	6,914.79	7,389.76	6,929.58	134.68	24.91	87.45	-363.79	-5,569.98	1,759.91	1,710.44	49.47	35.577		
15,392.03	6,912.37	7,388.21	6,928.04	136.21	24.91	87.02	-363.62	-5,569.97	1,851.34	1,802.04	49.30	37.551		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
9,700.00	7,061.95	7,102.95	7,102.95	43.87	249.92	126.43	-476.88	-4,138.08	2,420.64	2,152.43	268.21	9.025	
9,800.00	7,059.33	7,100.33	7,100.33	45.39	249.83	125.28	-476.88	-4,138.08	2,320.74	2,052.56	268.18	8.654	
9,900.00	7,056.70	7,102.30	7,097.70	46.92	249.90	124.10	-476.88	-4,138.08	2,220.84	1,952.52	268.33	8.277	
10,000.00	7,054.07	7,104.93	7,095.07	48.47	249.99	122.88	-476.88	-4,138.08	2,120.96	1,852.46	268.50	7.899	
10,100.00	7,051.44	7,107.56	7,092.44	50.02	250.09	121.63	-476.88	-4,138.08	2,021.08	1,752.40	268.68	7.522	
10,200.00	7,048.81	7,089.81	7,089.81	51.57	249.46	120.35	-476.88	-4,138.08	1,921.21	1,653.06	268.15	7.165	
10,300.00	7,046.19	7,087.19	7,087.19	53.14	249.37	119.03	-476.88	-4,138.08	1,821.35	1,553.19	268.16	6.792	
10,400.00	7,043.56	7,084.56	7,084.56	54.71	249.27	117.68	-476.88	-4,138.08	1,721.50	1,453.33	268.17	6.419	
10,500.00	7,040.93	7,081.93	7,081.93	56.29	249.18	116.29	-476.88	-4,138.08	1,621.67	1,353.47	268.20	6.046	
10,600.00	7,038.30	7,079.30	7,079.30	57.87	249.09	114.87	-476.88	-4,138.08	1,521.85	1,253.61	268.25	5.673	
10,700.00	7,035.67	7,076.67	7,076.67	59.46	248.99	113.41	-476.88	-4,138.08	1,422.06	1,153.75	268.31	5.300	
10,800.00	7,033.05	7,074.05	7,074.05	61.05	248.90	111.92	-476.88	-4,138.08	1,322.29	1,053.90	268.39	4.927	
10,900.00	7,030.42	7,071.42	7,071.42	62.64	248.81	110.41	-476.88	-4,138.08	1,222.56	954.06	268.50	4.553	
11,000.00	7,027.79	7,068.79	7,068.79	64.24	248.71	108.86	-476.88	-4,138.08	1,122.86	854.21	268.65	4.180	
11,100.00	7,025.16	7,066.16	7,066.16	65.84	248.62	107.28	-476.88	-4,138.08	1,023.22	754.38	268.84	3.806	
11,200.00	7,022.53	7,063.53	7,063.53	67.45	248.53	105.67	-476.88	-4,138.08	923.65	654.54	269.11	3.432	
11,300.00	7,019.91	7,060.91	7,060.91	69.06	248.43	104.04	-476.88	-4,138.08	824.17	554.70	269.47	3.058	
11,400.00	7,017.28	7,058.28	7,058.28	70.67	248.34	102.38	-476.88	-4,138.08	724.83	454.84	269.99	2.685	
11,500.00	7,014.65	7,055.65	7,055.65	72.29	248.25	100.71	-476.88	-4,138.08	625.68	354.94	270.75	2.311	
11,600.00	7,012.02	7,053.02	7,053.02	73.90	248.16	99.01	-476.88	-4,138.08	526.85	254.95	271.91	1.938	
11,700.00	7,009.40	7,050.40	7,050.40	75.52	248.06	97.30	-476.88	-4,138.08	428.54	154.74	273.80	1.565	
11,800.00	7,006.77	7,047.77	7,047.77	77.15	247.97	95.57	-476.88	-4,138.08	331.23	54.07	277.16	1.195 Level 2	
11,900.00	7,004.14	7,045.14	7,045.14	78.77	247.88	93.84	-476.88	-4,138.08	236.14	-47.75	283.88	0.832 Level 1	
12,000.00	7,001.51	7,042.51	7,042.51	80.40	247.78	92.09	-476.88	-4,138.08	147.64	-151.81	299.45	0.493 Level 1	
12,100.00	6,998.88	7,039.88	7,039.88	82.02	247.69	90.35	-476.88	-4,138.08	88.42	-240.36	328.78	0.269 Level 1	
12,119.94	6,998.36	7,039.36	7,039.36	82.35	247.67	90.00	-476.88	-4,138.08	86.15	-244.42	330.57	0.261 Level 1, CC, ES, SF	
12,200.00	6,996.26	7,037.26	7,037.26	83.65	247.60	88.60	-476.88	-4,138.08	117.59	-191.67	309.25	0.380 Level 1	
12,300.00	6,993.63	7,034.63	7,034.63	85.28	247.50	86.86	-476.88	-4,138.08	199.55	-87.27	286.82	0.696 Level 1	
12,400.00	6,991.00	7,032.00	7,032.00	86.92	247.41	85.12	-476.88	-4,138.08	292.92	15.28	277.64	1.055 Level 2	
12,500.00	6,988.37	7,029.37	7,029.37	88.55	247.32	83.39	-476.88	-4,138.08	389.57	116.17	273.41	1.425 Level 3	
12,600.00	6,985.74	7,026.74	7,026.74	90.19	247.22	81.67	-476.88	-4,138.08	487.57	216.37	271.19	1.798	
12,700.00	6,983.12	7,024.12	7,024.12	91.82	247.13	79.97	-476.88	-4,138.08	586.22	316.31	269.92	2.172	
12,800.00	6,980.49	7,021.49	7,021.49	93.46	247.04	78.28	-476.88	-4,138.08	685.26	416.14	269.13	2.546	
12,900.00	6,977.86	7,018.86	7,018.86	95.10	246.95	76.62	-476.88	-4,138.08	784.54	515.93	268.61	2.921	
13,000.00	6,975.23	7,016.23	7,016.23	96.74	246.85	74.98	-476.88	-4,138.08	883.96	615.71	268.26	3.295	
13,100.00	6,972.60	7,013.60	7,013.60	98.38	246.76	73.36	-476.88	-4,138.08	983.50	715.49	268.01	3.670	
13,200.00	6,969.98	7,010.98	7,010.98	100.03	246.67	71.77	-476.88	-4,138.08	1,083.12	815.29	267.83	4.044	
13,300.00	6,967.35	7,008.35	7,008.35	101.67	246.57	70.21	-476.88	-4,138.08	1,182.79	915.10	267.70	4.418	
13,400.00	6,964.72	7,005.72	7,005.72	103.31	246.48	68.68	-476.88	-4,138.08	1,282.52	1,014.92	267.60	4.793	
13,500.00	6,962.09	7,003.09	7,003.09	104.96	246.39	67.18	-476.88	-4,138.08	1,382.27	1,114.75	267.52	5.167	
13,600.00	6,959.47	7,000.47	7,000.47	106.60	246.29	65.71	-476.88	-4,138.08	1,482.06	1,214.59	267.47	5.541	
13,700.00	6,956.84	7,002.16	6,997.84	108.25	246.35	64.27	-476.88	-4,138.08	1,581.86	1,314.28	267.58	5.912	
13,800.00	6,954.21	7,004.79	6,995.21	109.90	246.45	62.87	-476.88	-4,138.08	1,681.69	1,413.95	267.74	6.281	
13,900.00	6,951.58	7,007.42	6,992.58	111.55	246.54	61.51	-476.88	-4,138.08	1,781.53	1,513.63	267.90	6.650	
14,000.00	6,948.95	6,989.95	6,989.95	113.20	245.92	60.17	-476.88	-4,138.08	1,881.38	1,614.03	267.36	7.037	
14,100.00	6,946.33	6,987.33	6,987.33	114.84	245.83	58.88	-476.88	-4,138.08	1,981.25	1,713.90	267.35	7.411	
14,200.00	6,943.70	6,984.70	6,984.70	116.50	245.73	57.61	-476.88	-4,138.08	2,081.13	1,813.78	267.35	7.784	
14,300.00	6,941.07	6,982.07	6,982.07	118.15	245.64	56.38	-476.88	-4,138.08	2,181.01	1,913.66	267.35	8.158	
14,400.00	6,938.44	6,979.44	6,979.44	119.80	245.55	55.19	-476.88	-4,138.08	2,280.90	2,013.55	267.35	8.532	
14,500.00	6,935.81	6,976.81	6,976.81	121.45	245.46	54.03	-476.88	-4,138.08	2,380.80	2,113.44	267.36	8.905	
14,600.00	6,933.19	6,974.19	6,974.19	123.10	245.36	52.90	-476.88	-4,138.08	2,480.70	2,213.33	267.37	9.278	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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		
4,900.00	4,823.12	15,619.97	7,156.41	13.54	254.83	97.51	-1,215.34	701.00	2,409.27	2,278.36	130.91	18.405		
5,000.00	4,921.35	15,639.03	7,156.81	13.84	255.40	96.39	-1,215.40	720.06	2,315.23	2,181.81	133.41	17.354		
5,100.00	5,019.58	15,658.09	7,157.22	14.15	255.96	95.23	-1,215.45	739.12	2,221.54	2,085.42	136.13	16.320		
5,200.00	5,117.81	15,677.16	7,157.63	14.46	256.52	94.05	-1,215.50	758.18	2,128.26	1,989.19	139.07	15.304		
5,300.00	5,216.04	15,696.22	7,158.03	14.77	257.08	92.84	-1,215.55	777.24	2,035.44	1,893.17	142.27	14.307		
5,400.00	5,314.27	15,715.29	7,158.44	15.08	257.64	91.60	-1,215.60	796.30	1,943.14	1,797.38	145.76	13.331		
5,500.00	5,412.50	15,734.35	7,158.84	15.40	258.20	90.33	-1,215.65	815.36	1,851.45	1,701.86	149.59	12.376		
5,600.00	5,510.72	15,753.41	7,159.25	15.71	258.77	89.04	-1,215.70	834.42	1,760.46	1,606.65	153.80	11.446		
5,700.00	5,608.95	15,772.48	7,159.66	16.03	259.33	87.71	-1,215.76	853.48	1,670.28	1,511.83	158.44	10.542		
5,800.00	5,707.18	15,808.46	7,160.06	16.35	260.39	86.36	-1,215.81	872.54	1,581.04	1,417.19	163.86	9.649		
5,900.00	5,805.41	15,810.60	7,160.47	16.68	260.45	84.99	-1,215.86	891.60	1,492.94	1,323.67	169.27	8.820		
6,000.00	5,903.64	15,829.67	7,160.87	17.00	261.01	83.59	-1,215.91	910.66	1,406.16	1,230.56	175.60	8.008		
6,100.00	6,001.87	15,848.73	7,161.28	17.33	261.57	82.16	-1,215.96	929.72	1,320.98	1,138.32	182.66	7.232		
6,200.00	6,100.10	15,867.80	7,161.69	17.65	262.14	80.71	-1,216.01	948.78	1,237.73	1,047.21	190.52	6.497		
6,300.00	6,198.33	15,886.86	7,162.09	17.98	262.70	79.24	-1,216.06	967.84	1,156.81	957.54	199.28	5.805		
6,400.00	6,296.55	15,905.92	7,162.50	18.31	263.26	77.75	-1,216.12	986.90	1,078.77	869.79	208.98	5.162		
6,500.00	6,394.83	15,924.69	7,162.90	18.63	263.81	69.66	-1,216.17	1,005.66	1,004.22	784.56	219.66	4.572		
6,600.00	6,494.21	15,932.91	7,163.07	18.81	264.06	-11.76	-1,216.19	1,013.88	933.08	702.02	231.06	4.038		
6,700.00	6,593.31	15,925.46	7,162.91	18.92	263.84	-71.31	-1,216.17	1,006.43	867.42	624.77	242.65	3.575		
6,800.00	6,689.68	15,902.52	7,162.42	18.97	263.16	-86.85	-1,216.11	983.50	809.96	556.33	253.63	3.193		
6,900.00	6,780.96	15,864.65	7,161.62	18.98	262.04	-92.98	-1,216.01	945.63	762.74	499.77	262.98	2.900		
7,000.00	6,864.89	15,812.79	7,160.51	18.95	260.52	-94.97	-1,215.87	893.78	726.78	457.03	269.75	2.694		
7,100.00	6,939.42	15,748.21	7,159.14	18.90	258.61	-94.52	-1,215.69	829.22	701.80	428.36	273.44	2.567		
7,200.00	7,002.70	15,672.50	7,157.53	18.86	256.38	-92.65	-1,215.49	753.53	686.31	412.13	274.19	2.503		
7,300.00	7,053.18	15,587.53	7,155.72	18.85	253.88	-90.17	-1,215.26	668.58	677.98	405.27	272.70	2.486 SF		
7,400.00	7,089.61	15,504.61	7,153.76	18.89	251.44	-87.83	-1,215.01	576.46	674.19	403.94	270.25	2.495 ES		
7,500.00	7,111.10	15,401.65	7,151.69	19.02	248.40	-86.18	-1,214.75	479.44	672.66	405.65	267.01	2.519		
7,600.00	7,117.12	15,301.21	7,149.57	19.24	245.45	-85.61	-1,214.48	379.90	671.85	407.65	264.20	2.543		
7,700.00	7,114.51	15,201.21	7,147.44	19.62	242.50	-85.65	-1,214.21	279.93	671.14	409.38	261.76	2.564		
7,800.00	7,111.88	15,101.20	7,145.31	20.15	239.56	-85.68	-1,213.94	179.96	670.42	410.98	259.45	2.584		
7,900.00	7,109.26	15,001.20	7,143.18	20.84	236.62	-85.72	-1,213.67	79.98	669.71	412.46	257.25	2.603		
8,000.00	7,106.63	14,901.20	7,141.05	21.65	233.67	-85.76	-1,213.40	-19.99	669.00	413.84	255.16	2.622		
8,100.00	7,104.00	14,798.81	7,138.92	22.56	230.66	-85.80	-1,213.13	-119.96	668.29	415.20	253.09	2.641		
8,200.00	7,101.37	14,701.19	7,136.80	23.57	227.79	-85.84	-1,212.86	-219.94	667.57	416.33	251.24	2.657		
8,300.00	7,098.74	14,601.19	7,134.67	24.65	224.85	-85.87	-1,212.59	-319.91	666.86	417.47	249.40	2.674		
8,400.00	7,096.12	14,501.18	7,132.54	25.79	221.91	-85.91	-1,212.32	-419.88	666.15	418.54	247.61	2.690		
8,500.00	7,093.49	14,401.18	7,130.41	26.99	218.97	-85.95	-1,212.05	-519.86	665.44	419.55	245.89	2.706		
8,600.00	7,090.86	14,301.17	7,128.28	28.24	216.03	-85.99	-1,211.78	-619.83	664.73	420.52	244.21	2.722		
8,700.00	7,088.23	14,201.17	7,126.15	29.53	213.09	-86.03	-1,211.51	-719.80	664.02	421.45	242.57	2.737		
8,800.00	7,085.60	14,101.17	7,124.02	30.86	210.15	-86.07	-1,211.24	-819.78	663.31	422.34	240.97	2.753		
8,900.00	7,082.98	14,001.16	7,121.89	32.22	207.21	-86.11	-1,210.97	-919.75	662.60	423.19	239.40	2.768		
9,000.00	7,080.35	13,901.16	7,119.76	33.60	204.28	-86.15	-1,210.70	-1,019.73	661.89	424.02	237.87	2.783		
9,100.00	7,077.72	13,801.16	7,117.63	35.02	201.34	-86.19	-1,210.43	-1,119.70	661.18	424.83	236.35	2.797		
9,200.00	7,075.09	13,701.15	7,115.50	36.45	198.41	-86.23	-1,210.16	-1,219.67	660.47	425.61	234.86	2.812		
9,300.00	7,072.47	13,601.15	7,113.38	37.90	195.47	-86.26	-1,209.89	-1,319.65	659.76	426.37	233.39	2.827		
9,400.00	7,069.84	13,501.15	7,111.25	39.37	192.54	-86.30	-1,209.62	-1,419.62	659.05	427.11	231.94	2.841		
9,500.00	7,067.21	13,401.14	7,109.12	40.86	189.61	-86.34	-1,209.35	-1,519.59	658.35	427.84	230.51	2.856		
9,600.00	7,064.58	13,301.14	7,106.99	42.36	186.68	-86.38	-1,209.08	-1,619.57	657.64	428.55	229.09	2.871		
9,700.00	7,061.95	13,201.14	7,104.86	43.87	183.75	-86.42	-1,208.81	-1,719.54	656.93	429.25	227.68	2.885		
9,800.00	7,059.33	13,101.13	7,102.73	45.39	180.82	-86.46	-1,208.54	-1,819.51	656.22	429.94	226.28	2.900		
9,900.00	7,056.70	13,001.13	7,100.60	46.92	177.89	-86.50	-1,208.27	-1,919.49	655.52	430.62	224.90	2.915		
10,000.00	7,054.07	12,901.12	7,098.47	48.47	174.96	-86.54	-1,208.00	-2,019.46	654.81	431.29	223.53	2.929		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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	7,051.44	12,801.12	7,096.34	50.02	172.04	-86.58	-1,207.73	-2,119.43	654.11	431.94	222.16	2.944	
10,200.00	7,048.81	12,701.12	7,094.21	51.57	169.11	-86.62	-1,207.47	-2,219.41	653.40	432.59	220.81	2.959	
10,300.00	7,046.19	12,601.11	7,092.08	53.14	166.19	-86.66	-1,207.20	-2,319.38	652.69	433.24	219.46	2.974	
10,400.00	7,043.56	12,501.11	7,089.95	54.71	163.27	-86.70	-1,206.93	-2,419.35	651.99	433.87	218.12	2.989	
10,500.00	7,040.93	12,401.11	7,087.83	56.29	160.35	-86.74	-1,206.66	-2,519.33	651.28	434.50	216.78	3.004	
10,600.00	7,038.30	12,301.10	7,085.70	57.87	157.43	-86.78	-1,206.39	-2,619.30	650.58	435.12	215.46	3.020	
10,700.00	7,035.67	12,201.10	7,083.57	59.46	154.52	-86.82	-1,206.12	-2,719.27	649.88	435.74	214.14	3.035	
10,800.00	7,033.05	12,101.10	7,081.44	61.05	151.60	-86.87	-1,205.85	-2,819.25	649.17	436.35	212.83	3.050	
10,900.00	7,030.42	12,001.09	7,079.31	62.64	148.69	-86.91	-1,205.58	-2,919.22	648.47	436.95	211.52	3.066	
11,000.00	7,027.79	11,901.09	7,077.18	64.24	145.78	-86.95	-1,205.31	-3,019.19	647.77	437.55	210.22	3.081	
11,100.00	7,025.16	11,801.09	7,075.05	65.84	142.87	-86.99	-1,205.04	-3,119.17	647.06	438.14	208.92	3.097	
11,200.00	7,022.53	11,701.08	7,072.92	67.45	139.96	-87.03	-1,204.77	-3,219.14	646.36	438.73	207.63	3.113	
11,300.00	7,019.91	11,601.08	7,070.79	69.06	137.06	-87.07	-1,204.50	-3,319.11	645.66	439.31	206.34	3.129	
11,400.00	7,017.28	11,501.08	7,068.66	70.67	134.16	-87.11	-1,204.23	-3,419.09	644.96	439.89	205.06	3.145	
11,500.00	7,014.65	11,401.07	7,066.53	72.29	131.26	-87.15	-1,203.96	-3,519.06	644.26	440.47	203.79	3.161	
11,600.00	7,012.02	11,301.07	7,064.41	73.90	128.37	-87.19	-1,203.69	-3,619.03	643.55	441.03	202.52	3.178	
11,700.00	7,009.40	11,201.06	7,062.28	75.52	125.48	-87.23	-1,203.42	-3,719.01	642.85	441.60	201.26	3.194	
11,800.00	7,006.77	11,101.06	7,060.15	77.15	122.59	-87.28	-1,203.15	-3,818.98	642.15	442.16	200.00	3.211	
11,900.00	7,004.14	11,001.06	7,058.02	78.77	119.70	-87.32	-1,202.88	-3,918.95	641.45	442.71	198.74	3.228	
12,000.00	7,001.51	10,901.05	7,055.89	80.40	116.82	-87.36	-1,202.61	-4,018.93	640.75	443.26	197.50	3.244	
12,100.00	6,998.88	10,801.05	7,053.76	82.02	113.95	-87.40	-1,202.34	-4,118.90	640.05	443.80	196.26	3.261	
12,200.00	6,996.26	10,701.05	7,051.63	83.65	111.07	-87.44	-1,202.07	-4,218.87	639.35	444.33	195.02	3.278	
12,300.00	6,993.63	10,601.04	7,049.50	85.28	108.21	-87.49	-1,201.80	-4,318.85	638.66	444.86	193.79	3.296	
12,400.00	6,991.00	10,501.04	7,047.37	86.92	105.35	-87.53	-1,201.53	-4,418.82	637.96	445.39	192.57	3.313	
12,500.00	6,988.37	10,401.04	7,045.24	88.55	102.49	-87.57	-1,201.26	-4,518.80	637.26	445.91	191.35	3.330	
12,600.00	6,985.74	10,301.03	7,043.11	90.19	99.64	-87.61	-1,200.99	-4,618.77	636.56	446.42	190.15	3.348	
12,700.00	6,983.12	10,201.03	7,040.98	91.82	96.80	-87.65	-1,200.72	-4,718.74	635.86	446.92	188.95	3.365	
12,800.00	6,980.49	10,098.97	7,038.86	93.46	93.91	-87.70	-1,200.45	-4,818.72	635.17	447.47	187.70	3.384	
12,900.00	6,977.86	10,001.02	7,036.73	95.10	91.14	-87.74	-1,200.18	-4,918.69	634.47	447.90	186.57	3.401	
13,000.00	6,975.23	9,901.02	7,034.60	96.74	88.33	-87.78	-1,199.91	-5,018.66	633.77	448.37	185.40	3.418	
13,100.00	6,972.60	9,801.02	7,032.47	98.38	85.52	-87.82	-1,199.64	-5,118.64	633.08	448.84	184.24	3.436	
13,200.00	6,969.98	9,701.01	7,030.34	100.03	82.72	-87.87	-1,199.37	-5,218.61	632.38	449.29	183.09	3.454	
13,300.00	6,967.35	9,601.01	7,028.21	101.67	79.94	-87.91	-1,199.10	-5,318.58	631.69	449.73	181.95	3.472	
13,400.00	6,964.72	9,501.00	7,026.08	103.31	77.17	-87.95	-1,198.83	-5,418.56	630.99	450.16	180.83	3.489	
13,500.00	6,962.09	9,401.00	7,023.95	104.96	74.42	-88.00	-1,198.56	-5,518.53	630.30	450.57	179.72	3.507	
13,600.00	6,959.47	9,301.00	7,021.82	106.60	71.68	-88.04	-1,198.29	-5,618.50	629.60	450.97	178.63	3.525	
13,700.00	6,956.84	9,200.99	7,019.69	108.25	68.97	-88.08	-1,198.02	-5,718.48	628.91	451.35	177.56	3.542	
13,800.00	6,954.21	9,099.01	7,017.56	109.90	66.22	-88.13	-1,197.75	-5,818.45	628.22	451.76	176.46	3.560	
13,900.00	6,951.58	9,000.99	7,015.44	111.55	63.61	-88.17	-1,197.48	-5,918.42	627.52	452.04	175.48	3.576	
14,000.00	6,948.95	8,900.98	7,013.31	113.20	60.97	-88.21	-1,197.21	-6,018.40	626.83	452.35	174.48	3.592	
14,100.00	6,946.33	8,800.98	7,011.18	114.84	58.36	-88.26	-1,196.95	-6,118.37	626.14	452.62	173.52	3.609	
14,200.00	6,943.70	8,700.98	7,009.05	116.50	55.79	-88.30	-1,196.68	-6,218.34	625.45	452.86	172.58	3.624	
14,300.00	6,941.07	8,600.97	7,006.92	118.15	53.27	-88.34	-1,196.41	-6,318.32	624.75	453.07	171.69	3.639	
14,400.00	6,938.44	8,500.97	7,004.79	119.80	50.80	-88.39	-1,196.14	-6,418.29	624.06	453.23	170.84	3.653	
14,500.00	6,935.81	8,400.97	7,002.66	121.45	48.39	-88.43	-1,195.87	-6,518.26	623.37	453.33	170.04	3.666	
14,600.00	6,933.19	8,300.96	7,000.53	123.10	46.05	-88.48	-1,195.60	-6,618.24	622.68	453.38	169.30	3.678	
14,700.00	6,930.56	8,200.96	6,998.40	124.75	43.79	-88.52	-1,195.33	-6,718.21	621.99	453.35	168.64	3.688	
14,800.00	6,927.93	8,100.95	6,996.27	126.41	41.64	-88.57	-1,195.06	-6,818.18	621.30	453.24	168.06	3.697	
14,900.00	6,925.30	8,000.95	6,994.14	128.06	39.61	-88.61	-1,194.79	-6,918.16	620.61	453.04	167.57	3.704	
15,000.00	6,922.67	7,899.05	6,992.01	129.72	37.69	-88.65	-1,194.52	-7,018.13	619.92	452.76	167.16	3.708	
15,100.00	6,920.05	7,800.94	6,989.89	131.37	36.01	-88.70	-1,194.25	-7,118.10	619.23	452.27	166.96	3.709	
15,200.00	6,917.42	7,700.94	6,987.76	133.03	34.49	-88.74	-1,193.98	-7,218.08	618.55	451.66	166.88	3.706	

Hewlett-Packard  
Anticollision Report

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

Offset Design	5N-66W-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,300.00	6,914.79	7,602.01	6,985.53	134.68	33.20	-88.77	-1,193.75	-7,315.10	617.90	450.93	166.97	3.701	
15,307.74	6,914.59	7,595.57	6,985.21	134.81	33.12	-88.76	-1,193.76	-7,321.53	617.89	450.89	167.00	3.700 CC	
15,392.03	6,912.37	7,525.97	6,977.76	136.21	32.35	-88.24	-1,194.72	-7,390.69	618.89	451.69	167.20	3.701	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 34N-6B-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4817.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 34N-6B-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #1	<b>Offset TVD Reference:</b>	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		
5,000.00	4,921.35	5,513.82	5,131.97	13.84	42.32	14.19	-1,918.30	2,695.98	2,487.19	2,433.61	53.58	46.421		
5,100.00	5,019.58	5,600.32	5,210.82	14.15	43.12	13.44	-1,886.80	2,712.50	2,460.72	2,405.97	54.75	44.946		
5,200.00	5,117.81	5,200.00	5,309.94	14.46	39.39	12.47	-1,846.85	2,733.17	2,434.48	2,383.04	51.44	47.323		
5,300.00	5,216.04	5,785.51	5,379.59	14.77	44.83	11.79	-1,818.92	2,747.18	2,408.46	2,351.27	57.19	42.114		
5,400.00	5,314.27	5,841.41	5,430.74	15.08	45.34	11.28	-1,799.11	2,757.97	2,384.22	2,326.14	58.07	41.055		
5,500.00	5,412.50	5,898.02	5,482.37	15.40	45.86	10.76	-1,779.15	2,769.83	2,361.80	2,302.84	58.96	40.058		
5,600.00	5,510.72	5,953.97	5,533.14	15.71	46.39	10.22	-1,759.39	2,782.57	2,341.27	2,281.42	59.85	39.119		
5,700.00	5,608.95	6,273.03	5,818.51	16.03	49.58	6.84	-1,635.51	2,851.64	2,321.61	2,258.25	63.37	36.638		
5,800.00	5,707.18	6,364.47	5,903.22	16.35	50.36	6.02	-1,602.84	2,862.56	2,294.18	2,229.69	64.49	35.573		
5,900.00	5,805.41	6,433.87	5,967.03	16.68	50.99	5.35	-1,577.16	2,871.75	2,267.63	2,202.13	65.50	34.620		
6,000.00	5,903.64	6,498.36	6,025.49	17.00	51.59	4.67	-1,551.94	2,881.99	2,242.67	2,176.19	66.49	33.731		
6,100.00	6,001.87	6,568.71	6,089.19	17.33	52.26	3.91	-1,524.55	2,893.85	2,219.23	2,151.71	67.52	32.866		
6,200.00	6,100.10	6,715.78	6,222.40	17.65	53.65	2.29	-1,467.03	2,917.82	2,196.19	2,126.98	69.21	31.734		
6,300.00	6,198.33	6,857.87	6,351.13	17.98	54.98	0.69	-1,409.91	2,936.62	2,170.68	2,099.89	70.79	30.664		
6,400.00	6,296.55	6,903.73	6,393.08	18.31	55.38	0.19	-1,392.27	2,942.31	2,146.13	2,074.53	71.59	29.976		
6,500.00	6,394.83	6,952.00	6,437.46	18.63	55.80	-5.23	-1,374.51	2,948.99	2,124.32	2,051.94	72.38	29.351		
6,600.00	6,494.21	7,013.75	6,494.71	18.81	56.30	-78.00	-1,353.20	2,958.00	2,114.26	2,041.15	73.11	28.918		
6,612.04	6,506.21	7,021.47	6,501.92	18.82	56.36	-89.91	-1,350.66	2,959.13	2,114.14	2,040.95	73.19	28.884 CC, ES		
6,700.00	6,593.31	7,065.93	6,543.54	18.92	56.71	-130.75	-1,336.52	2,965.72	2,120.58	2,046.90	73.68	28.782 SF		
6,800.00	6,689.68	7,106.00	6,581.14	18.97	57.02	-141.54	-1,324.35	2,972.34	2,143.91	2,069.87	74.04	28.956		
6,900.00	6,780.96	7,140.00	6,613.07	18.98	57.29	-144.68	-1,314.44	2,978.55	2,183.58	2,109.31	74.26	29.403		
7,000.00	6,864.89	7,140.00	6,613.07	18.95	57.29	-144.15	-1,314.44	2,978.55	2,238.59	2,164.47	74.12	30.203		
7,100.00	6,939.42	7,140.00	6,613.07	18.90	57.29	-141.12	-1,314.44	2,978.55	2,307.16	2,233.22	73.94	31.203		
7,200.00	7,002.70	7,140.00	6,613.07	18.86	57.29	-135.01	-1,314.44	2,978.55	2,386.51	2,312.74	73.78	32.348		
7,300.00	7,053.18	7,140.00	6,613.07	18.85	57.29	-124.11	-1,314.44	2,978.55	2,473.76	2,400.09	73.67	33.579		

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>		5N-66W-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		100-SRC Energy_ISCWSA REV 2 MWD										<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,800.00	5,707.18	6,221.45	5,856.86	16.35	47.18	13.13	-1,944.43	2,852.16	2,475.99	2,414.76	61.23	40.439	
5,900.00	5,805.41	6,312.59	5,941.00	16.68	48.02	12.38	-1,913.73	2,869.03	2,451.48	2,389.06	62.42	39.273	
6,000.00	5,903.64	6,403.72	6,025.14	17.00	48.87	11.63	-1,883.03	2,885.89	2,427.42	2,363.80	63.62	38.157	
6,100.00	6,001.87	6,505.14	6,109.27	17.33	49.81	10.85	-1,852.34	2,902.75	2,403.83	2,338.92	64.91	37.036	
6,200.00	6,100.10	6,586.00	6,193.41	17.65	50.56	10.07	-1,821.64	2,919.62	2,380.71	2,314.70	66.00	36.069	
6,300.00	6,198.33	6,677.13	6,277.55	17.98	51.41	9.27	-1,790.95	2,936.48	2,358.08	2,290.89	67.20	35.093	
6,400.00	6,296.55	6,768.27	6,361.69	18.31	52.26	8.46	-1,760.25	2,953.35	2,335.97	2,267.58	68.38	34.160	
6,500.00	6,394.83	6,859.39	6,445.81	18.63	53.10	2.68	-1,729.56	2,970.21	2,314.61	2,245.05	69.56	33.275	
6,600.00	6,494.21	6,949.52	6,529.02	18.81	53.94	-70.52	-1,699.21	2,986.89	2,302.68	2,232.04	70.64	32.598	
6,634.46	6,528.51	6,979.96	6,557.12	18.85	54.22	-99.77	-1,688.96	2,992.52	2,301.83	2,230.84	70.98	32.428 CC, ES	
6,700.00	6,593.31	7,036.47	6,609.29	18.92	54.75	-123.82	-1,669.92	3,002.98	2,304.94	2,233.32	71.62	32.182	
6,800.00	6,689.68	7,091.11	6,659.73	18.97	55.25	-134.89	-1,651.52	3,013.14	2,321.97	2,249.73	72.24	32.142 SF	
6,900.00	6,780.96	7,100.00	6,667.90	18.98	55.33	-137.60	-1,648.54	3,014.97	2,355.13	2,282.78	72.35	32.553	
7,000.00	6,864.89	7,100.00	6,667.90	18.95	55.33	-136.95	-1,648.54	3,014.97	2,403.77	2,331.48	72.28	33.255	
7,100.00	6,939.42	7,100.00	6,667.90	18.90	55.33	-133.85	-1,648.54	3,014.97	2,465.88	2,393.71	72.17	34.166	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>		5N-67W-01 Offsets Incomplete - Bluff Federal 32C-2-L - SRC Energy Planned Well - BHI Planned Surv										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1										<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,700.00	6,930.56	6,691.83	6,586.08	124.75	21.34	80.97	1,866.32	-7,001.80	2,488.08	2,344.78	143.30	17.362	
14,800.00	6,927.93	6,698.71	6,592.83	126.41	21.35	81.12	1,867.32	-7,002.68	2,478.59	2,333.38	145.21	17.069	
14,900.00	6,925.30	6,707.32	6,601.27	128.06	21.36	81.32	1,868.57	-7,003.88	2,473.08	2,326.14	146.94	16.830	
14,988.17	6,922.99	6,716.95	6,610.68	129.52	21.38	81.54	1,869.96	-7,005.36	2,471.53	2,323.21	148.32	16.663 CC	
15,000.00	6,922.67	6,718.43	6,612.12	129.72	21.38	81.58	1,870.18	-7,005.60	2,471.56	2,323.06	148.50	16.644 ES	
15,100.00	6,920.05	6,733.28	6,626.58	131.37	21.40	81.92	1,872.33	-7,008.20	2,474.01	2,324.14	149.87	16.507	
15,200.00	6,917.42	6,754.11	6,646.76	133.03	21.43	82.39	1,875.35	-7,012.42	2,480.38	2,329.28	151.09	16.416	
15,300.00	6,914.79	6,785.38	6,676.75	134.68	21.46	83.10	1,879.87	-7,019.99	2,490.55	2,338.35	152.20	16.364 SF	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1820-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
14,000.00	6,948.95	6,620.00	6,532.45	113.20	19.92	78.86	1,665.92	-7,015.35	2,493.48	2,370.15	123.34	20.217	
14,100.00	6,946.33	6,620.00	6,532.45	114.84	19.92	78.86	1,665.92	-7,015.35	2,455.04	2,328.76	126.29	19.440	
14,200.00	6,943.70	6,620.00	6,532.45	116.50	19.92	78.86	1,665.92	-7,015.35	2,420.13	2,290.96	129.17	18.735	
14,300.00	6,941.07	6,620.00	6,532.45	118.15	19.92	78.86	1,665.92	-7,015.35	2,388.90	2,256.93	131.97	18.102	
14,400.00	6,938.44	6,620.00	6,532.45	119.80	19.92	78.86	1,665.92	-7,015.35	2,361.49	2,226.84	134.65	17.538	
14,500.00	6,935.81	6,649.66	6,560.82	121.45	19.95	79.58	1,669.33	-7,023.30	2,337.67	2,200.29	137.39	17.015	
14,600.00	6,933.19	6,664.64	6,575.00	123.10	19.96	79.94	1,671.05	-7,027.82	2,317.90	2,178.02	139.88	16.570	
14,700.00	6,930.56	6,682.41	6,591.67	124.75	19.97	80.36	1,673.09	-7,033.61	2,302.11	2,159.88	142.23	16.186	
14,800.00	6,927.93	6,703.78	6,611.50	126.41	19.99	80.87	1,675.52	-7,041.20	2,290.30	2,145.89	144.41	15.860	
14,900.00	6,925.30	6,729.91	6,635.38	128.06	20.01	81.48	1,678.48	-7,051.37	2,282.46	2,136.03	146.43	15.588	
15,000.00	6,922.67	6,762.44	6,664.50	129.72	20.04	82.23	1,682.12	-7,065.42	2,278.49	2,130.19	148.30	15.364	
15,057.63	6,921.16	6,785.02	6,684.27	130.67	20.05	82.74	1,684.62	-7,076.03	2,277.89	2,128.58	149.31	15.256 CC	
15,100.00	6,920.05	6,803.84	6,700.45	131.37	20.07	83.15	1,686.68	-7,085.41	2,278.21	2,128.17	150.03	15.185 ES	
15,200.00	6,917.42	6,857.74	6,745.18	133.03	20.11	84.31	1,692.47	-7,114.90	2,281.29	2,129.57	151.71	15.037	
15,300.00	6,914.79	6,929.55	6,800.60	134.68	20.19	85.74	1,699.84	-7,159.90	2,287.20	2,133.77	153.43	14.907	
15,392.03	6,912.37	7,017.98	6,861.35	136.21	20.35	87.32	1,708.26	-7,223.51	2,294.38	2,139.14	155.24	14.780 SF	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>													<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1949-SRC Energy_ISCWSA REV 2 MWD+IFR1													<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,985.74	6,706.00	6,584.30	90.19	19.51	-32.46	-838.93	-6,962.03	2,408.17	2,370.76	37.41	64.369		
12,700.00	6,983.12	6,706.00	6,584.30	91.82	19.51	-32.46	-838.93	-6,962.03	2,310.37	2,272.57	37.80	61.121		
12,800.00	6,980.49	6,706.00	6,584.30	93.46	19.51	-32.46	-838.93	-6,962.03	2,212.78	2,174.53	38.25	57.857		
12,900.00	6,977.86	6,706.00	6,584.30	95.10	19.51	-32.46	-838.93	-6,962.03	2,115.40	2,076.64	38.76	54.579		
13,000.00	6,975.23	6,706.00	6,584.30	96.74	19.51	-32.46	-838.93	-6,962.03	2,018.29	1,978.94	39.35	51.291		
13,100.00	6,972.60	6,706.00	6,584.30	98.38	19.51	-32.46	-838.93	-6,962.03	1,921.47	1,881.43	40.03	47.997		
13,200.00	6,969.98	6,706.00	6,584.30	100.03	19.51	-32.46	-838.93	-6,962.03	1,824.99	1,784.16	40.82	44.703		
13,300.00	6,967.35	6,706.00	6,584.30	101.67	19.51	-32.46	-838.93	-6,962.03	1,728.91	1,687.17	41.75	41.416		
13,400.00	6,964.72	6,706.00	6,584.30	103.31	19.51	-32.46	-838.93	-6,962.03	1,633.30	1,590.49	42.82	38.145		
13,500.00	6,962.09	6,706.00	6,584.30	104.96	19.51	-32.46	-838.93	-6,962.03	1,538.26	1,494.18	44.07	34.902		
13,600.00	6,959.47	6,738.54	6,615.56	106.60	19.53	-34.97	-843.25	-6,969.95	1,442.66	1,397.27	45.38	31.788		
13,700.00	6,956.84	6,746.27	6,622.92	108.25	19.54	-35.59	-844.26	-6,972.08	1,348.40	1,301.37	47.03	28.671		
13,800.00	6,954.21	6,754.82	6,631.03	109.90	19.54	-36.30	-845.37	-6,974.55	1,254.88	1,205.91	48.96	25.628		
13,900.00	6,951.58	6,764.33	6,640.01	111.55	19.55	-37.11	-846.60	-6,977.43	1,162.22	1,110.97	51.25	22.679		
14,000.00	6,948.95	6,800.00	6,673.26	113.20	19.57	-40.30	-851.14	-6,989.51	1,071.39	1,017.66	53.73	19.940		
14,100.00	6,946.33	6,800.00	6,673.26	114.84	19.57	-40.30	-851.14	-6,989.51	980.51	923.46	57.05	17.188		
14,200.00	6,943.70	6,800.00	6,673.26	116.50	19.57	-40.30	-851.14	-6,989.51	891.58	830.51	61.07	14.600		
14,300.00	6,941.07	6,821.15	6,692.67	118.15	19.58	-42.33	-853.72	-6,997.48	804.78	739.10	65.68	12.253		
14,400.00	6,938.44	6,844.09	6,713.56	119.80	19.58	-44.63	-856.36	-7,006.60	720.32	649.01	71.31	10.101		
14,500.00	6,935.81	6,869.96	6,736.86	121.45	19.58	-47.38	-859.14	-7,017.49	638.88	560.65	78.23	8.167		
14,600.00	6,933.19	6,894.00	6,758.27	123.10	19.59	-50.07	-861.53	-7,028.16	561.47	474.64	86.83	6.466		
14,700.00	6,930.56	6,924.85	6,785.25	124.75	19.59	-53.73	-864.62	-7,042.79	489.81	392.48	97.33	5.032		
14,800.00	6,927.93	6,955.82	6,811.64	126.41	19.59	-57.62	-868.00	-7,058.63	426.50	316.54	109.96	3.879		
14,900.00	6,925.30	6,989.00	6,839.08	128.06	19.59	-61.99	-871.92	-7,076.87	374.80	250.83	123.97	3.023		
15,000.00	6,922.67	7,030.55	6,872.10	129.72	19.59	-67.67	-877.65	-7,101.42	339.00	201.66	137.35	2.468		
15,100.00	6,920.05	7,075.40	6,905.90	131.37	19.60	-73.86	-885.23	-7,129.88	323.16	176.57	146.58	2.205		
15,126.44	6,919.35	7,090.39	6,916.77	131.81	19.61	-75.89	-888.04	-7,139.83	322.50	174.41	148.09	2.178 CC, ES		
15,200.00	6,917.42	7,140.27	6,951.65	133.03	19.63	-82.42	-897.27	-7,174.24	327.15	176.76	150.39	2.175 SF		
15,300.00	6,914.79	7,226.84	7,007.11	134.68	19.72	-92.44	-912.10	-7,238.98	345.35	194.90	150.45	2.295		
15,392.03	6,912.37	7,333.36	7,062.56	136.21	20.03	-101.64	-926.12	-7,328.62	366.38	215.95	150.43	2.436		

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHER 34N-2B-L - SRC Energy PR Well - Actual BHI Surv													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1951-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,985.74	6,613.00	6,517.99	90.19	18.30	-16.20	-714.38	-7,014.41	2,462.23	2,427.38	34.85	70.648		
12,700.00	6,983.12	6,613.00	6,517.99	91.82	18.30	-16.20	-714.38	-7,014.41	2,364.41	2,329.32	35.09	67.378		
12,800.00	6,980.49	6,613.00	6,517.99	93.46	18.30	-16.20	-714.38	-7,014.41	2,266.77	2,231.40	35.37	64.088		
12,900.00	6,977.86	6,613.00	6,517.99	95.10	18.30	-16.20	-714.38	-7,014.41	2,169.35	2,133.66	35.69	60.777		
13,000.00	6,975.23	6,613.00	6,517.99	96.74	18.30	-16.20	-714.38	-7,014.41	2,072.18	2,036.11	36.07	57.447		
13,100.00	6,972.60	6,613.00	6,517.99	98.38	18.30	-16.20	-714.38	-7,014.41	1,975.29	1,938.77	36.51	54.097		
13,200.00	6,969.98	6,613.00	6,517.99	100.03	18.30	-16.20	-714.38	-7,014.41	1,878.72	1,841.69	37.03	50.731		
13,300.00	6,967.35	6,641.68	6,545.64	101.67	18.30	-17.08	-713.89	-7,022.03	1,781.83	1,744.49	37.34	47.716		
13,400.00	6,964.72	6,650.41	6,554.00	103.31	18.31	-17.38	-713.86	-7,024.52	1,685.57	1,647.67	37.90	44.470		
13,500.00	6,962.09	6,659.77	6,562.95	104.96	18.31	-17.72	-713.91	-7,027.28	1,589.62	1,551.08	38.55	41.240		
13,600.00	6,959.47	6,669.86	6,572.55	106.60	18.31	-18.11	-714.03	-7,030.35	1,494.03	1,454.74	39.28	38.031		
13,700.00	6,956.84	6,680.74	6,582.88	108.25	18.32	-18.56	-714.26	-7,033.79	1,398.84	1,358.70	40.14	34.850		
13,800.00	6,954.21	6,706.00	6,606.67	109.90	18.33	-19.73	-715.14	-7,042.21	1,304.28	1,263.41	40.88	31.908		
13,900.00	6,951.58	6,706.00	6,606.67	111.55	18.33	-19.73	-715.14	-7,042.21	1,209.91	1,167.63	42.28	28.618		
14,000.00	6,948.95	6,706.00	6,606.67	113.20	18.33	-19.73	-715.14	-7,042.21	1,116.53	1,072.53	44.00	25.376		
14,100.00	6,946.33	6,735.79	6,634.41	114.84	18.34	-21.35	-716.85	-7,052.92	1,023.48	978.21	45.26	22.611		
14,200.00	6,943.70	6,753.09	6,650.36	116.50	18.35	-22.43	-718.19	-7,059.50	931.47	884.26	47.21	19.729		
14,300.00	6,941.07	6,771.96	6,667.60	118.15	18.35	-23.74	-719.94	-7,066.97	840.51	790.91	49.61	16.943		
14,400.00	6,938.44	6,800.00	6,692.91	119.80	18.37	-25.97	-723.10	-7,078.62	750.92	698.57	52.35	14.344		
14,500.00	6,935.81	6,800.00	6,692.91	121.45	18.37	-25.97	-723.10	-7,078.62	663.17	606.19	56.98	11.638		
14,600.00	6,933.19	6,835.96	6,724.66	123.10	18.38	-29.32	-727.77	-7,094.84	577.30	515.78	61.52	9.384		
14,700.00	6,930.56	6,861.89	6,746.96	124.75	18.40	-32.08	-731.37	-7,107.56	494.91	426.77	68.14	7.263		
14,800.00	6,927.93	6,894.00	6,773.83	126.41	18.41	-35.94	-736.11	-7,124.48	416.99	340.05	76.94	5.420		
14,900.00	6,925.30	6,923.93	6,797.94	128.06	18.43	-39.97	-740.74	-7,141.59	345.78	256.66	89.12	3.880		
15,000.00	6,922.67	6,962.82	6,827.58	129.72	18.45	-45.75	-746.93	-7,165.98	284.92	180.00	104.91	2.716		
15,100.00	6,920.05	7,011.69	6,861.80	131.37	18.50	-53.64	-754.82	-7,199.92	239.20	115.79	123.40	1.938		
15,200.00	6,917.42	7,075.15	6,900.40	133.03	18.59	-63.92	-763.89	-7,249.41	212.56	72.42	140.13	1.517		
15,300.00	6,914.79	7,160.33	6,942.31	134.68	18.87	-76.21	-772.78	-7,322.94	202.77	51.81	150.96	1.343 Level 3		
15,364.12	6,913.11	7,221.85	6,966.49	135.74	19.25	-83.56	-776.57	-7,379.35	201.60	46.82	154.78	1.302 Level 3, CC		
15,392.03	6,912.37	7,250.02	6,975.94	136.21	19.47	-86.45	-777.69	-7,405.87	201.72	45.84	155.89	1.294 Level 3, ES, SF		

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12C-2-L - SRC Energy PR Well - Actua													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1765-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,800.00	6,980.49	6,665.81	6,587.91	93.46	17.92	68.98	490.62	-6,990.62	2,460.89	2,398.07	62.82	39.172		
12,900.00	6,977.86	6,669.25	6,591.28	95.10	17.92	69.14	491.03	-6,991.15	2,372.74	2,307.77	64.97	36.520		
13,000.00	6,975.23	6,672.84	6,594.80	96.74	17.93	69.32	491.47	-6,991.72	2,285.54	2,218.26	67.28	33.970		
13,100.00	6,972.60	6,676.59	6,598.47	98.38	17.93	69.50	491.94	-6,992.32	2,199.41	2,129.65	69.76	31.526		
13,200.00	6,969.98	6,710.00	6,631.01	100.03	17.98	71.13	496.67	-6,998.19	2,115.19	2,042.55	72.64	29.118		
13,300.00	6,967.35	6,710.00	6,631.01	101.67	17.98	71.13	496.67	-6,998.19	2,031.43	1,955.94	75.49	26.909		
13,400.00	6,964.72	6,710.00	6,631.01	103.31	17.98	71.13	496.67	-6,998.19	1,949.20	1,870.64	78.56	24.812		
13,500.00	6,962.09	6,710.00	6,631.01	104.96	17.98	71.13	496.67	-6,998.19	1,868.70	1,786.85	81.85	22.832		
13,600.00	6,959.47	6,710.00	6,631.01	106.60	17.98	71.13	496.67	-6,998.19	1,790.17	1,704.80	85.37	20.968		
13,700.00	6,956.84	6,710.00	6,631.01	108.25	17.98	71.13	496.67	-6,998.19	1,713.88	1,624.73	89.15	19.225		
13,800.00	6,954.21	6,710.00	6,631.01	109.90	17.98	71.13	496.67	-6,998.19	1,640.13	1,546.97	93.17	17.604		
13,900.00	6,951.58	6,710.00	6,631.01	111.55	17.98	71.13	496.67	-6,998.19	1,569.30	1,471.87	97.44	16.106		
14,000.00	6,948.95	6,710.00	6,631.01	113.20	17.98	71.13	496.67	-6,998.19	1,501.79	1,399.86	101.93	14.733		
14,100.00	6,946.33	6,710.00	6,631.01	114.84	17.98	71.13	496.67	-6,998.19	1,438.07	1,331.44	106.63	13.486		
14,200.00	6,943.70	6,710.00	6,631.01	116.50	17.98	71.13	496.67	-6,998.19	1,378.66	1,267.18	111.49	12.366		
14,300.00	6,941.07	6,741.09	6,661.00	118.15	18.01	72.67	501.83	-7,004.56	1,323.26	1,206.41	116.84	11.325		
14,400.00	6,938.44	6,749.45	6,669.00	119.80	18.02	73.08	503.30	-7,006.45	1,273.73	1,151.81	121.92	10.447		
14,500.00	6,935.81	6,758.59	6,677.74	121.45	18.03	73.53	504.96	-7,008.61	1,230.22	1,103.32	126.90	9.695		
14,600.00	6,933.19	6,768.66	6,687.31	123.10	18.04	74.03	506.84	-7,011.08	1,193.34	1,061.71	131.62	9.066		
14,700.00	6,930.56	6,779.77	6,697.84	124.75	18.06	74.58	508.98	-7,013.93	1,163.70	1,027.76	135.94	8.561		
14,800.00	6,927.93	6,804.00	6,720.61	126.41	18.08	75.77	513.88	-7,020.60	1,141.95	1,002.07	139.88	8.164		
14,900.00	6,925.30	6,811.29	6,727.41	128.06	18.09	76.13	515.38	-7,022.75	1,128.14	985.36	142.78	7.901		
15,000.00	6,922.67	6,991.00	6,884.18	129.72	18.14	84.34	537.62	-7,105.68	1,121.59	974.51	147.08	7.626		
15,100.00	6,920.05	7,054.81	6,933.63	131.37	18.16	86.93	539.46	-7,145.92	1,116.66	967.35	149.31	7.479		
15,156.31	6,918.57	7,099.52	6,965.87	132.30	18.17	88.63	540.29	-7,176.88	1,116.02	965.66	150.37	7.422 CC, ES		
15,200.00	6,917.42	7,115.93	6,977.11	133.03	18.22	89.22	540.76	-7,188.82	1,116.79	965.77	151.02	7.395		
15,300.00	6,914.79	7,175.65	7,015.26	134.68	18.32	91.24	542.90	-7,234.69	1,122.20	969.89	152.31	7.368 SF		
15,392.03	6,912.37	7,238.87	7,050.42	136.21	18.57	93.10	546.31	-7,287.08	1,131.06	977.56	153.50	7.369		

# Hewlett-Packard

## Anticollision Report

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

Offset Design										5N-67W-01 Offsets Incomplete - GREELEY-ROTHER FEDERAL 12N-2A-L - SRC Energy PR Well - Actu				Offset Site Error:		0.00 usft	
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 2049-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:		3.28 usft					
Reference		Offset		Semi Major Axis		Distance								Warning			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
12,900.00	6,977.86	6,526.00	6,421.46	95.10	18.81	65.21	673.79	-6,960.41	2,471.52	2,400.56	70.96	34.828					
13,000.00	6,975.23	6,526.00	6,421.46	96.74	18.81	65.21	673.79	-6,960.41	2,389.08	2,315.66	73.42	32.542					
13,100.00	6,972.60	6,526.00	6,421.46	98.38	18.81	65.21	673.79	-6,960.41	2,308.02	2,232.00	76.02	30.361					
13,200.00	6,969.98	6,526.00	6,421.46	100.03	18.81	65.21	673.79	-6,960.41	2,228.50	2,149.72	78.78	28.287					
13,300.00	6,967.35	6,526.00	6,421.46	101.67	18.81	65.21	673.79	-6,960.41	2,150.69	2,068.98	81.71	26.321					
13,400.00	6,964.72	6,526.00	6,421.46	103.31	18.81	65.21	673.79	-6,960.41	2,074.79	1,989.98	84.81	24.465					
13,500.00	6,962.09	6,561.09	6,455.24	104.96	18.85	66.59	678.67	-6,968.55	1,999.84	1,911.52	88.32	22.643					
13,600.00	6,959.47	6,566.92	6,460.80	106.60	18.85	66.82	679.64	-6,969.98	1,927.96	1,836.14	91.82	20.996					
13,700.00	6,956.84	6,572.93	6,466.53	108.25	18.86	67.06	680.69	-6,971.47	1,858.62	1,763.11	95.51	19.461					
13,800.00	6,954.21	6,579.14	6,472.43	109.90	18.87	67.31	681.83	-6,973.03	1,792.10	1,692.74	99.36	18.036					
13,900.00	6,951.58	6,585.56	6,478.51	111.55	18.87	67.57	683.06	-6,974.67	1,728.72	1,625.36	103.37	16.724					
14,000.00	6,948.95	6,618.00	6,508.97	113.20	18.91	68.88	690.13	-6,983.31	1,669.54	1,561.76	107.79	15.489					
14,100.00	6,946.33	6,618.00	6,508.97	114.84	18.91	68.88	690.13	-6,983.31	1,613.24	1,501.28	111.96	14.409					
14,200.00	6,943.70	6,618.00	6,508.97	116.50	18.91	68.88	690.13	-6,983.31	1,561.31	1,445.15	116.16	13.441					
14,300.00	6,941.07	6,618.00	6,508.97	118.15	18.91	68.88	690.13	-6,983.31	1,514.22	1,393.89	120.33	12.584					
14,400.00	6,938.44	6,618.00	6,508.97	119.80	18.91	68.88	690.13	-6,983.31	1,472.42	1,348.04	124.38	11.838					
14,500.00	6,935.81	6,618.00	6,508.97	121.45	18.91	68.88	690.13	-6,983.31	1,436.37	1,308.14	128.23	11.201					
14,600.00	6,933.19	6,618.00	6,508.97	123.10	18.91	68.88	690.13	-6,983.31	1,406.53	1,274.75	131.78	10.673					
14,700.00	6,930.56	6,648.66	6,537.22	124.75	18.95	70.12	697.92	-6,992.30	1,382.34	1,246.80	135.55	10.198					
14,800.00	6,927.93	6,659.39	6,546.97	126.41	18.96	70.56	700.84	-6,995.70	1,365.31	1,226.84	138.48	9.859					
14,900.00	6,925.30	6,671.09	6,557.51	128.06	18.97	71.03	704.15	-6,999.55	1,355.22	1,214.33	140.89	9.619					
14,992.88	6,922.86	6,682.93	6,568.08	129.60	18.99	71.51	707.63	-7,003.61	1,352.17	1,209.54	142.62	9.481					
15,000.00	6,922.67	6,683.88	6,568.92	129.72	18.99	71.54	707.91	-7,003.94	1,352.18	1,209.45	142.74	9.473					
15,100.00	6,920.05	7,115.88	6,873.41	131.37	19.37	85.02	759.63	-7,282.80	1,350.50	1,200.60	149.90	9.009					
15,200.00	6,917.42	7,155.14	6,889.80	133.03	19.58	85.75	757.45	-7,318.39	1,340.76	1,188.38	152.38	8.799					
15,300.00	6,914.79	7,206.12	6,907.57	134.68	19.97	86.56	756.18	-7,366.15	1,335.56	1,180.78	154.78	8.629					
15,392.03	6,912.37	7,273.00	6,925.36	136.21	20.64	87.40	755.57	-7,430.59	1,333.51	1,176.34	157.17	8.485 CC, ES, SF					

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 12N-2C-L - SRC Energy PR Well - Actu												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1860-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,100.00	6,972.60	6,613.00	6,490.47	98.38	19.95	70.86	885.60	-6,989.66	2,434.05	2,351.37	82.68	29.439	
13,200.00	6,969.98	6,613.00	6,490.47	100.03	19.95	70.86	885.60	-6,989.66	2,357.66	2,272.15	85.51	27.571	
13,300.00	6,967.35	6,613.00	6,490.47	101.67	19.95	70.86	885.60	-6,989.66	2,283.09	2,194.61	88.48	25.802	
13,400.00	6,964.72	6,613.00	6,490.47	103.31	19.95	70.86	885.60	-6,989.66	2,210.54	2,118.94	91.60	24.133	
13,500.00	6,962.09	6,613.00	6,490.47	104.96	19.95	70.86	885.60	-6,989.66	2,140.19	2,045.34	94.85	22.563	
13,600.00	6,959.47	6,613.00	6,490.47	106.60	19.95	70.86	885.60	-6,989.66	2,072.29	1,974.04	98.24	21.094	
13,700.00	6,956.84	6,613.00	6,490.47	108.25	19.95	70.86	885.60	-6,989.66	2,007.07	1,905.31	101.76	19.724	
13,800.00	6,954.21	6,613.00	6,490.47	109.90	19.95	70.86	885.60	-6,989.66	1,944.81	1,839.43	105.38	18.455	
13,900.00	6,951.58	6,613.00	6,490.47	111.55	19.95	70.86	885.60	-6,989.66	1,885.79	1,776.70	109.09	17.286	
14,000.00	6,948.95	6,613.00	6,490.47	113.20	19.95	70.86	885.60	-6,989.66	1,830.35	1,717.48	112.87	16.217	
14,100.00	6,946.33	6,646.67	6,522.82	114.84	20.00	72.07	891.15	-6,997.18	1,777.71	1,660.68	117.03	15.190	
14,200.00	6,943.70	6,652.71	6,528.58	116.50	20.01	72.29	892.30	-6,998.57	1,729.96	1,609.05	120.91	14.308	
14,300.00	6,941.07	6,658.89	6,534.46	118.15	20.02	72.51	893.53	-7,000.02	1,686.71	1,561.98	124.73	13.523	
14,400.00	6,938.44	6,665.21	6,540.47	119.80	20.03	72.74	894.83	-7,001.51	1,648.33	1,519.89	128.44	12.834	
14,500.00	6,935.81	6,671.69	6,546.60	121.45	20.04	72.97	896.22	-7,003.05	1,615.14	1,483.18	131.96	12.239	
14,600.00	6,933.19	6,708.00	6,580.67	123.10	20.09	74.29	905.02	-7,011.99	1,588.39	1,452.72	135.67	11.708	
14,700.00	6,930.56	6,708.00	6,580.67	124.75	20.09	74.29	905.02	-7,011.99	1,566.19	1,427.64	138.55	11.304	
14,800.00	6,927.93	6,708.00	6,580.67	126.41	20.09	74.29	905.02	-7,011.99	1,550.14	1,409.10	141.04	10.991	
14,900.00	6,925.30	6,708.00	6,580.67	128.06	20.09	74.29	905.02	-7,011.99	1,540.42	1,397.35	143.07	10.767	
15,000.00	6,922.67	6,708.00	6,580.67	129.72	20.09	74.29	905.02	-7,011.99	1,537.16	1,392.56	144.61	10.630	
15,000.12	6,922.67	6,708.00	6,580.67	129.72	20.09	74.29	905.02	-7,011.99	1,537.16	1,392.56	144.61	10.630 CC, ES	
15,100.00	6,920.05	6,708.00	6,580.67	131.37	20.09	74.29	905.02	-7,011.99	1,540.40	1,394.78	145.63	10.578	
15,200.00	6,917.42	6,730.93	6,601.86	133.03	20.13	75.12	911.26	-7,018.16	1,549.80	1,403.20	146.60	10.571 SF	
15,300.00	6,914.79	6,746.88	6,616.41	134.68	20.16	75.69	915.77	-7,022.89	1,565.35	1,418.39	146.97	10.651	
15,392.03	6,912.37	6,764.21	6,632.03	136.21	20.18	76.31	920.83	-7,028.43	1,584.84	1,437.87	146.97	10.783	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13C-2-L - SRC Energy PR Well - Actua												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	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
12,600.00	6,985.74	6,716.00	6,660.73	90.19	16.87	57.40	-48.87	-7,001.62	2,471.65	2,429.06	42.59	58.035	
12,700.00	6,983.12	6,716.00	6,660.73	91.82	16.87	57.40	-48.87	-7,001.62	2,375.03	2,331.50	43.53	54.563	
12,800.00	6,980.49	6,716.00	6,660.73	93.46	16.87	57.40	-48.87	-7,001.62	2,278.69	2,234.13	44.56	51.135	
12,900.00	6,977.86	6,716.00	6,660.73	95.10	16.87	57.40	-48.87	-7,001.62	2,182.69	2,136.99	45.70	47.757	
13,000.00	6,975.23	6,716.00	6,660.73	96.74	16.87	57.40	-48.87	-7,001.62	2,087.06	2,040.09	46.97	44.435	
13,100.00	6,972.60	6,716.00	6,660.73	98.38	16.87	57.40	-48.87	-7,001.62	1,991.86	1,943.49	48.37	41.178	
13,200.00	6,969.98	6,716.00	6,660.73	100.03	16.87	57.40	-48.87	-7,001.62	1,897.16	1,847.22	49.94	37.993	
13,300.00	6,967.35	6,716.00	6,660.73	101.67	16.87	57.40	-48.87	-7,001.62	1,803.03	1,751.35	51.68	34.889	
13,400.00	6,964.72	6,716.00	6,660.73	103.31	16.87	57.40	-48.87	-7,001.62	1,709.56	1,655.93	53.63	31.875	
13,500.00	6,962.09	6,716.00	6,660.73	104.96	16.87	57.40	-48.87	-7,001.62	1,616.88	1,561.05	55.83	28.962	
13,600.00	6,959.47	6,716.00	6,660.73	106.60	16.87	57.40	-48.87	-7,001.62	1,525.12	1,466.81	58.30	26.160	
13,700.00	6,956.84	6,716.00	6,660.73	108.25	16.87	57.40	-48.87	-7,001.62	1,434.46	1,373.36	61.10	23.479	
13,800.00	6,954.21	6,716.00	6,660.73	109.90	16.87	57.40	-48.87	-7,001.62	1,345.12	1,280.86	64.27	20.931	
13,900.00	6,951.58	6,716.00	6,660.73	111.55	16.87	57.40	-48.87	-7,001.62	1,257.40	1,189.53	67.87	18.527	
14,000.00	6,948.95	6,747.44	6,691.01	113.20	16.88	59.93	-46.49	-7,009.71	1,170.56	1,098.55	72.01	16.256	
14,100.00	6,946.33	6,757.87	6,700.98	114.84	16.89	60.79	-45.68	-7,012.70	1,086.36	1,009.65	76.71	14.162	
14,200.00	6,943.70	6,769.57	6,712.09	116.50	16.89	61.77	-44.76	-7,016.23	1,004.76	922.68	82.08	12.241	
14,300.00	6,941.07	6,782.78	6,724.57	118.15	16.89	62.88	-43.70	-7,020.44	926.40	838.19	88.21	10.502	
14,400.00	6,938.44	6,811.00	6,750.93	119.80	16.90	65.30	-41.37	-7,030.24	852.28	757.11	95.17	8.955	
14,500.00	6,935.81	6,811.00	6,750.93	121.45	16.90	65.30	-41.37	-7,030.24	782.84	679.90	102.94	7.605	
14,600.00	6,933.19	6,841.38	6,778.81	123.10	16.91	67.93	-39.20	-7,042.09	719.74	608.29	111.45	6.458	
14,700.00	6,930.56	6,873.50	6,807.63	124.75	16.92	70.71	-37.74	-7,056.18	664.08	543.70	120.37	5.517	
14,800.00	6,927.93	6,922.17	6,849.82	126.41	16.93	74.89	-37.25	-7,080.43	616.98	487.86	129.12	4.778	
14,900.00	6,925.30	7,010.62	6,922.01	128.06	17.01	82.31	-44.33	-7,130.85	576.82	440.52	136.30	4.232	
15,000.00	6,922.67	7,080.72	6,974.62	129.72	17.12	88.03	-55.14	-7,175.87	543.89	401.47	142.42	3.819	
15,100.00	6,920.05	7,137.17	7,013.48	131.37	17.30	92.46	-65.02	-7,215.57	520.01	372.61	147.40	3.528	
15,200.00	6,917.42	7,198.72	7,051.38	133.03	17.55	96.95	-74.73	-7,263.04	506.56	356.24	150.32	3.370	
15,293.97	6,914.95	7,260.54	7,083.73	134.58	17.93	100.87	-82.21	-7,315.14	502.79	351.32	151.46	3.320 CC	
15,300.00	6,914.79	7,264.87	7,085.76	134.68	17.95	101.12	-82.63	-7,318.95	502.80	351.31	151.49	3.319 ES, SF	
15,392.03	6,912.37	7,338.97	7,115.64	136.21	18.64	104.75	-87.90	-7,386.48	505.77	353.87	151.90	3.330	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13N-2B-L - SRC Energy PR Well - Actu												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1785-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	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
12,600.00	6,985.74	6,524.00	6,464.40	90.19	16.68	30.74	-256.62	-6,992.46	2,468.15	2,430.95	37.20	66.343	
12,700.00	6,983.12	6,524.00	6,464.40	91.82	16.68	30.74	-256.62	-6,992.46	2,371.52	2,333.72	37.80	62.743	
12,800.00	6,980.49	6,524.00	6,464.40	93.46	16.68	30.74	-256.62	-6,992.46	2,275.17	2,236.71	38.46	59.155	
12,900.00	6,977.86	6,558.15	6,497.53	95.10	16.70	32.31	-257.59	-7,000.69	2,178.16	2,139.10	39.06	55.760	
13,000.00	6,975.23	6,564.71	6,503.85	96.74	16.70	32.63	-257.78	-7,002.44	2,082.08	2,042.25	39.83	52.268	
13,100.00	6,972.60	6,571.74	6,510.61	98.38	16.70	32.97	-257.98	-7,004.36	1,986.31	1,945.61	40.69	48.814	
13,200.00	6,969.98	6,579.27	6,517.83	100.03	16.70	33.35	-258.20	-7,006.49	1,890.87	1,849.22	41.65	45.403	
13,300.00	6,967.35	6,616.00	6,552.73	101.67	16.72	35.29	-259.25	-7,017.87	1,796.56	1,754.05	42.50	42.267	
13,400.00	6,964.72	6,616.00	6,552.73	103.31	16.72	35.29	-259.25	-7,017.87	1,701.56	1,657.82	43.74	38.902	
13,500.00	6,962.09	6,616.00	6,552.73	104.96	16.72	35.29	-259.25	-7,017.87	1,607.17	1,562.02	45.15	35.597	
13,600.00	6,959.47	6,616.00	6,552.73	106.60	16.72	35.29	-259.25	-7,017.87	1,513.51	1,466.74	46.77	32.363	
13,700.00	6,956.84	6,616.00	6,552.73	108.25	16.72	35.29	-259.25	-7,017.87	1,420.70	1,372.08	48.63	29.216	
13,800.00	6,954.21	6,644.34	6,579.27	109.90	16.72	36.87	-260.61	-7,027.72	1,328.29	1,277.97	50.32	26.394	
13,900.00	6,951.58	6,660.99	6,594.67	111.55	16.72	37.80	-261.91	-7,033.92	1,236.80	1,184.36	52.43	23.587	
14,000.00	6,948.95	6,679.53	6,611.62	113.20	16.73	38.84	-263.81	-7,041.17	1,146.17	1,091.36	54.80	20.914	
14,100.00	6,946.33	6,709.00	6,638.12	114.84	16.74	40.51	-267.76	-7,053.45	1,056.60	999.39	57.21	18.470	
14,200.00	6,943.70	6,709.00	6,638.12	116.50	16.74	40.51	-267.76	-7,053.45	968.21	907.25	60.95	15.884	
14,300.00	6,941.07	6,738.01	6,663.61	118.15	16.74	42.22	-272.22	-7,066.54	881.21	816.88	64.33	13.698	
14,400.00	6,938.44	6,759.03	6,681.71	119.80	16.75	43.53	-275.44	-7,076.74	796.32	727.62	68.70	11.592	
14,500.00	6,935.81	6,782.87	6,701.82	121.45	16.76	45.11	-279.08	-7,089.01	713.85	640.02	73.83	9.669	
14,600.00	6,933.19	6,804.00	6,719.26	123.10	16.77	46.58	-282.28	-7,100.49	634.43	554.21	80.22	7.909	
14,700.00	6,930.56	6,837.95	6,746.52	124.75	16.80	49.12	-287.07	-7,120.16	558.86	471.54	87.33	6.400	
14,800.00	6,927.93	6,870.47	6,771.68	126.41	16.82	51.80	-290.99	-7,140.37	488.55	392.36	96.19	5.079	
14,900.00	6,925.30	6,899.00	6,792.95	128.06	16.85	54.34	-293.89	-7,159.17	425.22	318.10	107.12	3.969	
15,000.00	6,922.67	6,949.11	6,828.24	129.72	16.98	59.19	-297.60	-7,194.52	370.76	252.10	118.66	3.125	
15,100.00	6,920.05	6,997.64	6,859.65	131.37	17.12	64.23	-299.41	-7,231.44	328.34	197.24	131.10	2.505	
15,200.00	6,917.42	7,059.51	6,895.07	133.03	17.46	70.66	-300.52	-7,282.12	299.35	157.30	142.05	2.107	
15,300.00	6,914.79	7,131.08	6,928.62	134.68	18.03	77.41	-301.14	-7,345.28	283.25	133.22	150.03	1.888	
15,392.03	6,912.37	7,206.73	6,954.28	136.21	18.85	82.98	-300.95	-7,416.38	277.63	122.93	154.70	1.795 CC, ES, SF	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b> 5N-67W-01 Offsets Incomplete - GREELEY-ROTHE FEDERAL 13N-2C-L - SRC Energy PR Well - Actu												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1952-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,600.00	6,985.74	6,615.00	6,548.34	90.19	17.17	15.53	-449.48	-7,002.11	2,441.87	2,407.58	34.29	71.214	
12,700.00	6,983.12	6,615.00	6,548.34	91.82	17.17	15.53	-449.48	-7,002.11	2,343.80	2,309.27	34.54	67.864	
12,800.00	6,980.49	6,615.00	6,548.34	93.46	17.17	15.53	-449.48	-7,002.11	2,245.90	2,211.08	34.82	64.503	
12,900.00	6,977.86	6,615.00	6,548.34	95.10	17.17	15.53	-449.48	-7,002.11	2,148.19	2,113.05	35.14	61.130	
13,000.00	6,975.23	6,615.00	6,548.34	96.74	17.17	15.53	-449.48	-7,002.11	2,050.71	2,015.20	35.51	57.746	
13,100.00	6,972.60	6,648.55	6,580.67	98.38	17.19	16.05	-454.47	-7,009.51	1,952.32	1,916.63	35.69	54.700	
13,200.00	6,969.98	6,654.24	6,586.14	100.03	17.19	16.16	-455.17	-7,010.93	1,854.93	1,818.85	36.09	51.401	
13,300.00	6,967.35	6,660.37	6,592.02	101.67	17.20	16.29	-455.89	-7,012.51	1,757.76	1,721.23	36.53	48.112	
13,400.00	6,964.72	6,667.01	6,598.38	103.31	17.20	16.45	-456.60	-7,014.29	1,660.84	1,623.80	37.04	44.836	
13,500.00	6,962.09	6,674.21	6,605.25	104.96	17.20	16.63	-457.32	-7,016.28	1,564.19	1,526.57	37.62	41.577	
13,600.00	6,959.47	6,708.00	6,637.31	106.60	17.23	17.67	-459.79	-7,026.65	1,468.62	1,430.69	37.93	38.717	
13,700.00	6,956.84	6,708.00	6,637.31	108.25	17.23	17.67	-459.79	-7,026.65	1,372.25	1,333.48	38.77	35.397	
13,800.00	6,954.21	6,708.00	6,637.31	109.90	17.23	17.67	-459.79	-7,026.65	1,276.43	1,236.65	39.78	32.087	
13,900.00	6,951.58	6,708.00	6,637.31	111.55	17.23	17.67	-459.79	-7,026.65	1,181.31	1,140.29	41.02	28.800	
14,000.00	6,948.95	6,726.81	6,655.01	113.20	17.23	18.43	-460.50	-7,033.01	1,086.75	1,044.70	42.04	25.849	
14,100.00	6,946.33	6,743.68	6,670.80	114.84	17.23	19.23	-460.70	-7,038.91	992.73	949.39	43.34	22.904	
14,200.00	6,943.70	6,761.83	6,687.72	116.50	17.23	20.25	-460.46	-7,045.50	899.37	854.45	44.92	20.023	
14,300.00	6,941.07	6,781.39	6,705.83	118.15	17.24	21.55	-459.67	-7,052.84	806.78	759.92	46.86	17.215	
14,400.00	6,938.44	6,803.00	6,725.68	119.80	17.24	23.26	-458.14	-7,061.24	715.19	665.86	49.32	14.500	
14,500.00	6,935.81	6,803.00	6,725.68	121.45	17.24	23.26	-458.14	-7,061.24	625.51	572.06	53.45	11.702	
14,600.00	6,933.19	6,840.52	6,759.44	123.10	17.24	26.81	-454.93	-7,077.27	536.91	479.74	57.18	9.390	
14,700.00	6,930.56	6,864.73	6,780.61	124.75	17.25	29.48	-452.87	-7,088.84	451.63	388.53	63.10	7.158	
14,800.00	6,927.93	6,898.00	6,808.81	126.41	17.25	33.71	-450.08	-7,106.25	370.37	299.35	71.02	5.215	
14,900.00	6,925.30	6,927.90	6,833.06	128.06	17.28	37.99	-448.08	-7,123.61	294.99	212.19	82.80	3.563	
15,000.00	6,922.67	6,972.30	6,866.56	129.72	17.33	44.97	-446.94	-7,152.69	228.62	130.14	98.48	2.322	
15,100.00	6,920.05	7,035.53	6,908.69	131.37	17.47	55.95	-449.50	-7,199.69	174.09	56.64	117.45	1.482 Level 3	
15,200.00	6,917.42	7,118.18	6,954.75	133.03	17.75	71.92	-461.40	-7,267.16	130.69	-5.01	135.70	0.963 Level 1	
15,300.00	6,914.79	7,206.94	6,997.54	134.68	18.22	94.52	-482.50	-7,341.96	97.09	-52.04	149.12	0.651 Level 1	
15,392.03	6,912.37	7,289.34	7,031.05	136.21	18.86	120.90	-504.90	-7,413.79	83.40	-59.04	142.44	0.586 Level 1, CC, ES, SF	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1957-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,400.00	6,964.72	6,713.00	6,544.93	103.31	22.72	76.36	1,288.22	-7,001.84	2,490.17	2,387.81	102.36	24.329	
13,500.00	6,962.09	6,713.00	6,544.93	104.96	22.72	76.36	1,288.22	-7,001.84	2,427.57	2,322.16	105.41	23.031	
13,600.00	6,959.47	6,713.00	6,544.93	106.60	22.72	76.36	1,288.22	-7,001.84	2,367.53	2,259.01	108.52	21.816	
13,700.00	6,956.84	6,713.00	6,544.93	108.25	22.72	76.36	1,288.22	-7,001.84	2,310.27	2,198.57	111.70	20.683	
13,800.00	6,954.21	6,713.00	6,544.93	109.90	22.72	76.36	1,288.22	-7,001.84	2,255.98	2,141.07	114.91	19.633	
13,900.00	6,951.58	6,713.00	6,544.93	111.55	22.72	76.36	1,288.22	-7,001.84	2,204.90	2,086.76	118.14	18.663	
14,000.00	6,948.95	6,713.00	6,544.93	113.20	22.72	76.36	1,288.22	-7,001.84	2,157.25	2,035.88	121.37	17.775	
14,100.00	6,946.33	6,713.00	6,544.93	114.84	22.72	76.36	1,288.22	-7,001.84	2,113.26	1,988.70	124.56	16.966	
14,200.00	6,943.70	6,713.00	6,544.93	116.50	22.72	76.36	1,288.22	-7,001.84	2,073.16	1,945.47	127.69	16.236	
14,300.00	6,941.07	6,713.00	6,544.93	118.15	22.72	76.36	1,288.22	-7,001.84	2,037.18	1,906.46	130.72	15.584	
14,400.00	6,938.44	6,713.00	6,544.93	119.80	22.72	76.36	1,288.22	-7,001.84	2,005.55	1,871.93	133.62	15.010	
14,500.00	6,935.81	6,713.00	6,544.93	121.45	22.72	76.36	1,288.22	-7,001.84	1,978.47	1,842.13	136.34	14.511	
14,600.00	6,933.19	6,713.00	6,544.93	123.10	22.72	76.36	1,288.22	-7,001.84	1,956.14	1,817.28	138.86	14.087	
14,700.00	6,930.56	6,713.00	6,544.93	124.75	22.72	76.36	1,288.22	-7,001.84	1,938.72	1,797.57	141.15	13.736	
14,800.00	6,927.93	6,713.00	6,544.93	126.41	22.72	76.36	1,288.22	-7,001.84	1,926.33	1,783.17	143.16	13.456	
14,900.00	6,925.30	6,713.00	6,544.93	128.06	22.72	76.36	1,288.22	-7,001.84	1,919.08	1,774.21	144.87	13.247	
14,989.36	6,922.95	6,713.00	6,544.93	129.54	22.72	76.36	1,288.22	-7,001.84	1,917.00	1,770.87	146.13	13.118 CC	
15,000.00	6,922.67	6,713.00	6,544.93	129.72	22.72	76.36	1,288.22	-7,001.84	1,917.03	1,770.76	146.27	13.106 ES	
15,100.00	6,920.05	6,681.11	6,514.30	131.37	22.60	75.41	1,279.83	-7,004.74	1,919.31	1,772.43	146.88	13.067	
15,200.00	6,917.42	6,677.05	6,510.39	133.03	22.59	75.29	1,278.86	-7,005.17	1,927.46	1,779.87	147.58	13.060 SF	
15,300.00	6,914.79	6,672.76	6,506.25	134.68	22.57	75.16	1,277.85	-7,005.64	1,940.70	1,792.73	147.96	13.116	
15,392.03	6,912.37	6,668.59	6,502.22	136.21	22.56	75.04	1,276.89	-7,006.12	1,957.29	1,809.26	148.04	13.221	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,200.00	6,969.98	6,620.00	6,474.89	100.03	21.53	72.74	1,107.95	-6,975.23	2,494.13	2,401.96	92.17	27.059	
13,300.00	6,967.35	6,620.00	6,474.89	101.67	21.53	72.74	1,107.95	-6,975.23	2,424.39	2,329.27	95.11	25.489	
13,400.00	6,964.72	6,627.64	6,482.31	103.31	21.54	72.98	1,109.27	-6,976.47	2,356.80	2,258.58	98.22	23.995	
13,500.00	6,962.09	6,646.70	6,500.83	104.96	21.56	73.59	1,112.17	-6,979.93	2,291.50	2,189.99	101.51	22.575	
13,600.00	6,959.47	6,675.10	6,528.35	106.60	21.59	74.49	1,115.52	-6,986.08	2,228.60	2,123.67	104.92	21.240	
13,700.00	6,956.84	6,721.48	6,572.89	108.25	21.64	75.93	1,118.46	-6,998.59	2,168.11	2,059.67	108.44	19.994	
13,800.00	6,954.21	6,712.00	6,563.84	109.90	21.63	75.64	1,118.12	-6,995.79	2,110.46	1,998.63	111.83	18.872	
13,900.00	6,951.58	6,712.00	6,563.84	111.55	21.63	75.64	1,118.12	-6,995.79	2,056.05	1,940.76	115.29	17.833	
14,000.00	6,948.95	6,712.00	6,563.84	113.20	21.63	75.64	1,118.12	-6,995.79	2,005.16	1,886.39	118.77	16.883	
14,100.00	6,946.33	6,747.60	6,597.62	114.84	21.64	76.74	1,119.95	-7,006.87	1,957.05	1,834.68	122.37	15.993	
14,200.00	6,943.70	6,758.00	6,607.38	116.50	21.64	77.06	1,120.60	-7,010.40	1,913.37	1,787.52	125.85	15.204	
14,300.00	6,941.07	6,769.32	6,617.94	118.15	21.65	77.41	1,121.36	-7,014.39	1,873.83	1,744.58	129.25	14.497	
14,400.00	6,938.44	6,806.00	6,651.71	119.80	21.66	78.53	1,124.24	-7,028.41	1,839.10	1,706.46	132.64	13.865	
14,500.00	6,935.81	6,806.00	6,651.71	121.45	21.66	78.53	1,124.24	-7,028.41	1,808.19	1,672.45	135.74	13.321	
14,600.00	6,933.19	6,806.00	6,651.71	123.10	21.66	78.53	1,124.24	-7,028.41	1,782.35	1,643.75	138.61	12.859	
14,700.00	6,930.56	6,806.00	6,651.71	124.75	21.66	78.53	1,124.24	-7,028.41	1,761.83	1,620.63	141.20	12.477	
14,800.00	6,927.93	6,806.00	6,651.71	126.41	21.66	78.53	1,124.24	-7,028.41	1,746.79	1,603.32	143.47	12.175	
14,900.00	6,925.30	6,845.95	6,687.63	128.06	21.68	79.74	1,128.55	-7,045.36	1,735.97	1,590.19	145.78	11.908	
15,000.00	6,922.67	6,859.96	6,699.99	129.72	21.69	80.16	1,130.46	-7,051.68	1,731.20	1,583.67	147.52	11.735	
15,038.47	6,921.66	6,865.60	6,704.92	130.35	21.69	80.33	1,131.28	-7,054.27	1,730.80	1,582.70	148.10	11.687 CC, ES	
15,100.00	6,920.05	6,899.00	6,733.70	131.37	21.71	81.31	1,136.84	-7,070.28	1,732.32	1,583.14	149.18	11.612	
15,200.00	6,917.42	6,899.00	6,733.70	133.03	21.71	81.31	1,136.84	-7,070.28	1,737.88	1,587.83	150.05	11.582 SF	
15,300.00	6,914.79	6,899.00	6,733.70	134.68	21.71	81.31	1,136.84	-7,070.28	1,749.16	1,598.65	150.50	11.622	
15,392.03	6,912.37	6,932.32	6,761.49	136.21	21.73	82.26	1,143.34	-7,087.46	1,763.85	1,612.70	151.14	11.670	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1864-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,700.00	6,983.12	6,529.00	6,471.25	91.82	16.75	52.50	110.67	-6,994.70	2,446.54	2,398.52	48.02	50.951	
12,800.00	6,980.49	6,529.00	6,471.25	93.46	16.75	52.50	110.67	-6,994.70	2,353.25	2,303.84	49.40	47.635	
12,900.00	6,977.86	6,529.00	6,471.25	95.10	16.75	52.50	110.67	-6,994.70	2,260.52	2,209.61	50.91	44.400	
13,000.00	6,975.23	6,529.00	6,471.25	96.74	16.75	52.50	110.67	-6,994.70	2,168.45	2,115.89	52.56	41.253	
13,100.00	6,972.60	6,562.61	6,503.85	98.38	16.76	54.31	111.70	-7,002.77	2,075.98	2,021.62	54.36	38.193	
13,200.00	6,969.98	6,568.57	6,509.59	100.03	16.76	54.64	111.90	-7,004.38	1,985.02	1,928.70	56.32	35.242	
13,300.00	6,967.35	6,575.00	6,515.76	101.67	16.76	54.99	112.12	-7,006.17	1,894.90	1,836.41	58.48	32.400	
13,400.00	6,964.72	6,581.95	6,522.41	103.31	16.77	55.38	112.37	-7,008.18	1,805.71	1,744.86	60.86	29.671	
13,500.00	6,962.09	6,589.48	6,529.59	104.96	16.77	55.80	112.66	-7,010.44	1,717.61	1,654.14	63.47	27.062	
13,600.00	6,959.47	6,621.00	6,559.32	106.60	16.78	57.59	113.94	-7,020.79	1,631.32	1,565.02	66.30	24.607	
13,700.00	6,956.84	6,621.00	6,559.32	108.25	16.78	57.59	113.94	-7,020.79	1,545.53	1,476.04	69.49	22.242	
13,800.00	6,954.21	6,621.00	6,559.32	109.90	16.78	57.59	113.94	-7,020.79	1,461.54	1,388.52	73.02	20.016	
13,900.00	6,951.58	6,621.00	6,559.32	111.55	16.78	57.59	113.94	-7,020.79	1,379.70	1,302.78	76.92	17.937	
14,000.00	6,948.95	6,621.00	6,559.32	113.20	16.78	57.59	113.94	-7,020.79	1,300.39	1,219.17	81.22	16.010	
14,100.00	6,946.33	6,654.23	6,590.08	114.84	16.79	59.53	115.32	-7,033.29	1,222.99	1,137.14	85.85	14.245	
14,200.00	6,943.70	6,670.09	6,604.52	116.50	16.79	60.46	115.93	-7,039.82	1,149.01	1,058.02	90.99	12.628	
14,300.00	6,941.07	6,688.03	6,620.65	118.15	16.79	61.52	116.58	-7,047.64	1,078.62	982.03	96.59	11.167	
14,400.00	6,938.44	6,714.00	6,643.59	119.80	16.80	63.06	117.46	-7,059.77	1,012.43	909.85	102.59	9.869	
14,500.00	6,935.81	6,714.00	6,643.59	121.45	16.80	63.06	117.46	-7,059.77	951.39	842.28	109.10	8.720	
14,600.00	6,933.19	6,755.34	6,678.98	123.10	16.82	65.51	118.76	-7,081.09	895.49	779.78	115.72	7.739	
14,700.00	6,930.56	6,784.27	6,702.79	124.75	16.83	67.22	119.64	-7,097.49	846.42	723.94	122.48	6.911	
14,800.00	6,927.93	6,809.00	6,722.49	126.41	16.85	68.67	120.37	-7,112.42	804.70	675.61	129.08	6.234	
14,900.00	6,925.30	6,851.69	6,754.86	128.06	16.92	71.11	121.82	-7,140.20	770.93	635.68	135.24	5.700	
15,000.00	6,922.67	6,904.00	6,791.40	129.72	17.01	73.97	124.17	-7,177.53	745.99	605.31	140.68	5.303	
15,100.00	6,920.05	6,940.95	6,815.05	131.37	17.16	75.87	126.17	-7,205.84	729.29	584.10	145.19	5.023	
15,200.00	6,917.42	6,998.18	6,848.11	133.03	17.41	78.59	129.75	-7,252.39	720.63	571.81	148.82	4.842	
15,300.00	6,914.79	7,073.71	6,884.22	134.68	17.97	81.63	134.50	-7,318.49	718.15	566.12	152.04	4.724	
15,306.37	6,914.62	7,078.94	6,886.37	134.79	18.01	81.81	134.81	-7,323.24	718.14	565.92	152.22	4.718 CC	
15,392.03	6,912.37	7,154.61	6,914.12	136.21	18.81	84.20	139.03	-7,393.49	719.19	564.30	154.90	4.643 ES, SF	

# Hewlett-Packard

## Anticollision Report

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

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1777-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	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	6,980.49	6,618.00	6,550.71	93.46	17.21	63.60	324.04	-7,005.97	2,415.53	2,358.82	56.71	42.591	
12,900.00	6,977.86	6,618.00	6,550.71	95.10	17.21	63.60	324.04	-7,005.97	2,324.94	2,266.35	58.59	39.683	
13,000.00	6,975.23	6,618.00	6,550.71	96.74	17.21	63.60	324.04	-7,005.97	2,235.15	2,174.53	60.62	36.874	
13,100.00	6,972.60	6,618.00	6,550.71	98.38	17.21	63.60	324.04	-7,005.97	2,146.26	2,083.45	62.81	34.168	
13,200.00	6,969.98	6,618.00	6,550.71	100.03	17.21	63.60	324.04	-7,005.97	2,058.39	1,993.20	65.20	31.572	
13,300.00	6,967.35	6,618.00	6,550.71	101.67	17.21	63.60	324.04	-7,005.97	1,971.68	1,903.90	67.78	29.088	
13,400.00	6,964.72	6,618.00	6,550.71	103.31	17.21	63.60	324.04	-7,005.97	1,886.29	1,815.70	70.59	26.722	
13,500.00	6,962.09	6,652.14	6,583.60	104.96	17.22	65.31	323.53	-7,015.10	1,801.15	1,727.57	73.58	24.480	
13,600.00	6,959.47	6,659.16	6,590.31	106.60	17.23	65.66	323.58	-7,017.14	1,718.39	1,641.51	76.88	22.353	
13,700.00	6,956.84	6,666.62	6,597.43	108.25	17.23	66.05	323.69	-7,019.38	1,637.43	1,556.97	80.46	20.351	
13,800.00	6,954.21	6,674.58	6,605.00	109.90	17.23	66.46	323.88	-7,021.83	1,558.54	1,474.20	84.34	18.479	
13,900.00	6,951.58	6,713.00	6,641.15	111.55	17.24	68.48	325.71	-7,034.71	1,483.08	1,394.54	88.53	16.751	
14,000.00	6,948.95	6,713.00	6,641.15	113.20	17.24	68.48	325.71	-7,034.71	1,408.83	1,315.74	93.09	15.135	
14,100.00	6,946.33	6,713.00	6,641.15	114.84	17.24	68.48	325.71	-7,034.71	1,337.94	1,239.97	97.96	13.657	
14,200.00	6,943.70	6,713.00	6,641.15	116.50	17.24	68.48	325.71	-7,034.71	1,270.96	1,167.82	103.14	12.322	
14,300.00	6,941.07	6,713.00	6,641.15	118.15	17.24	68.48	325.71	-7,034.71	1,208.57	1,099.99	108.57	11.131	
14,400.00	6,938.44	6,713.00	6,641.15	119.80	17.24	68.48	325.71	-7,034.71	1,151.48	1,037.32	114.16	10.086	
14,500.00	6,935.81	6,751.48	6,676.55	121.45	17.25	70.54	328.83	-7,049.45	1,098.83	978.79	120.04	9.154	
14,600.00	6,933.19	6,767.50	6,691.00	123.10	17.26	71.40	330.42	-7,056.17	1,053.25	927.49	125.76	8.375	
14,700.00	6,930.56	6,785.41	6,706.94	124.75	17.26	72.36	332.39	-7,064.10	1,014.82	883.59	131.23	7.733	
14,800.00	6,927.93	6,808.00	6,726.69	126.41	17.27	73.57	335.18	-7,074.69	984.26	848.00	136.26	7.223	
14,900.00	6,925.30	6,831.55	6,746.83	128.06	17.28	74.81	338.34	-7,086.48	962.05	821.45	140.60	6.843	
15,000.00	6,922.67	6,862.79	6,772.75	129.72	17.30	76.42	342.76	-7,103.35	948.42	804.27	144.15	6.579	
15,100.00	6,920.05	6,901.00	6,803.09	131.37	17.32	78.33	348.51	-7,125.83	943.26	796.42	146.84	6.424	
15,200.00	6,917.42	7,247.94	7,005.35	133.03	18.83	91.18	330.63	-7,399.29	924.53	774.07	150.47	6.144	
15,300.00	6,914.79	7,303.92	7,023.24	134.68	19.45	92.42	320.64	-7,451.37	907.35	753.70	153.65	5.905	
15,392.03	6,912.37	7,366.00	7,037.73	136.21	20.24	93.47	313.31	-7,511.24	897.05	740.70	156.35	5.738 CC, ES, SF	

# Hewlett-Packard

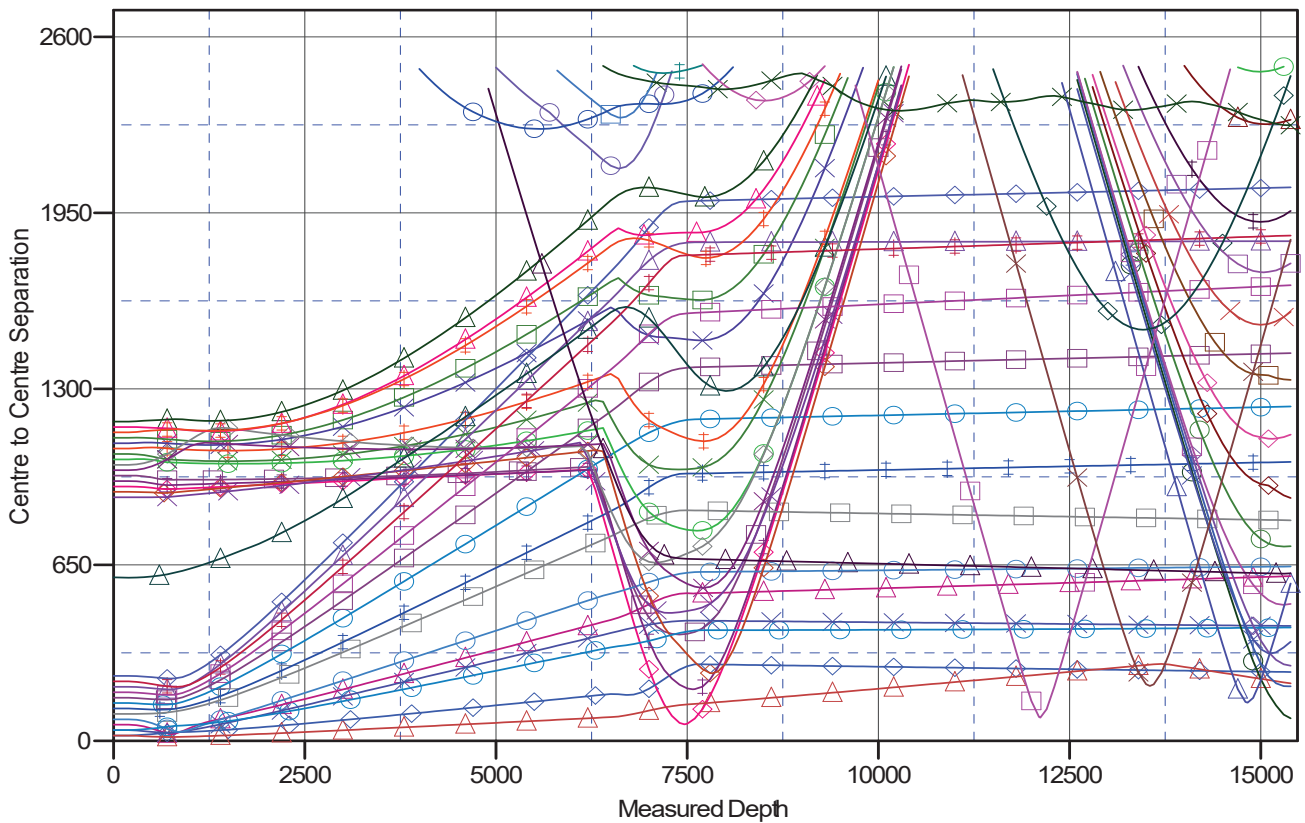
## Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are 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 34N-6B-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 Total SurveysV0	VOLT 33N6A-M,Wellbore#1,Design#1V0	GREELEY-RO THE FEDERAL 33N2CL,SRCEnergyPRWell,ActualBHSurveysV0
TCMOISERHLL 3-9-11,Etadon PRWell(Plan Only,Planned Etadon SurveysV0	VOLT 36G2-L,Wellbore#1,Design#1V0	GREELEY-RO THE FEDERAL 34C2-L,SRCEnergyPRWell,ActualBHSurveysV0
VOLT 36N8B-L,Wellbore#1,Design#1V0	VOLT 36N8A-L,Wellbore#1,Design#1V0	Buffederal32G2-L,SRCEnergyPlanned Well,B-Planned SurveysV0
VOLT 11N8CL,Wellbore#1,Design#1V0	VOLT 11N8B-L,Wellbore#1,Design#1V0	GREELEY-RO THE FEDERAL 13N2B-L,SRCEnergyPRWell,ActualBHSurveysV0
VOLT 13G2-M,Wellbore#1,Design#1V0	VOLT 13N8CL,Wellbore#1,Design#1V0	GREELEY-RO THE FEDERAL 34N2B-L,SRCEnergyPRWell,ActualBHSurveysV0
VOLT 13G2-L,Wellbore#1,Design#1V0	VOLT 13N8A-M,Wellbore#1,Design#1V0	GREELEY-RO THE FEDERAL 12N2CL,SRCEnergyPRWell,ActualBHSurveysV0
VOLT 14N8B-L,Wellbore#1,Design#1V0	VOLT 12N8A-M,Wellbore#1,Design#1V0	GREELEY-RO THE FEDERAL 13G2-L,SRCEnergyPRWell,ActualBHSurveysV0
VOLT 12N8A-M,Wellbore#1,Design#1V0	VOLT 11G3-L,Wellbore#1,Design#1V0	BRANDONR1,POCSIWell,ActualMSEnergySurveysV0
VOLT 11G3-L,Wellbore#1,Design#1V0	VOLT 12N8B-L,Wellbore#1,Design#1V0	WILKEN 15-6,POCSIWell,No SurveysV0
VOLT 13N8B-M,Wellbore#1,Design#1V0	VOLT 12N8A-L,Wellbore#1,Design#1V0	SOUTH6-24D,SRCP&A Well,VES Gyro SurveysV0
VOLT 12N8B-M,Wellbore#1,Design#1V0	VOLT 12N8A-M,Wellbore#1,Design#1V0	SOUTH6-23D,SRCP&A Well,Actual VES SurveysV0
VOLT 12N8B-L,Wellbore#1,Design#1V0	VOLT 12N8A-L,Wellbore#1,Design#1V0	GOSTFARM68N8B-L,Wellbore#1,Design#1V0
VOLT 12N8B-M,Wellbore#1,Design#1V0	VOLT 12N8A-M,Wellbore#1,Design#1V0	WEDMAN2-5,Noble EnergyPRWell,Actual Qoretdh Surveys(Grid to True)V0
VOLT 12N8B-L,Wellbore#1,Design#1V0	VOLT 12N8A-L,Wellbore#1,Design#1V0	BOOMERANG28C-3-L,SRCEnergyPRWell,ActualBHSurveysV0
VOLT 12N8B-M,Wellbore#1,Design#1V0	VOLT 12N8A-M,Wellbore#1,Design#1V0	WEDMAN2-5,Noble EnergyPRWell,Actual Qoretdh Surveys(Grid to True)V0
VOLT 12N8B-L,Wellbore#1,Design#1V0	VOLT 12N8A-L,Wellbore#1,Design#1V0	BOOMERANG34N6C-M,SRCPRWell,ActualBHSurveysV0
VOLT 12N8B-M,Wellbore#1,Design#1V0	VOLT 12N8A-M,Wellbore#1,Design#1V0	PSCJ5411,Noble EnergySW Well,Actual VES Surveys(Grid to True)V0
VOLT 12N8B-L,Wellbore#1,Design#1V0	VOLT 12N8A-L,Wellbore#1,Design#1V0	

# Hewlett-Packard

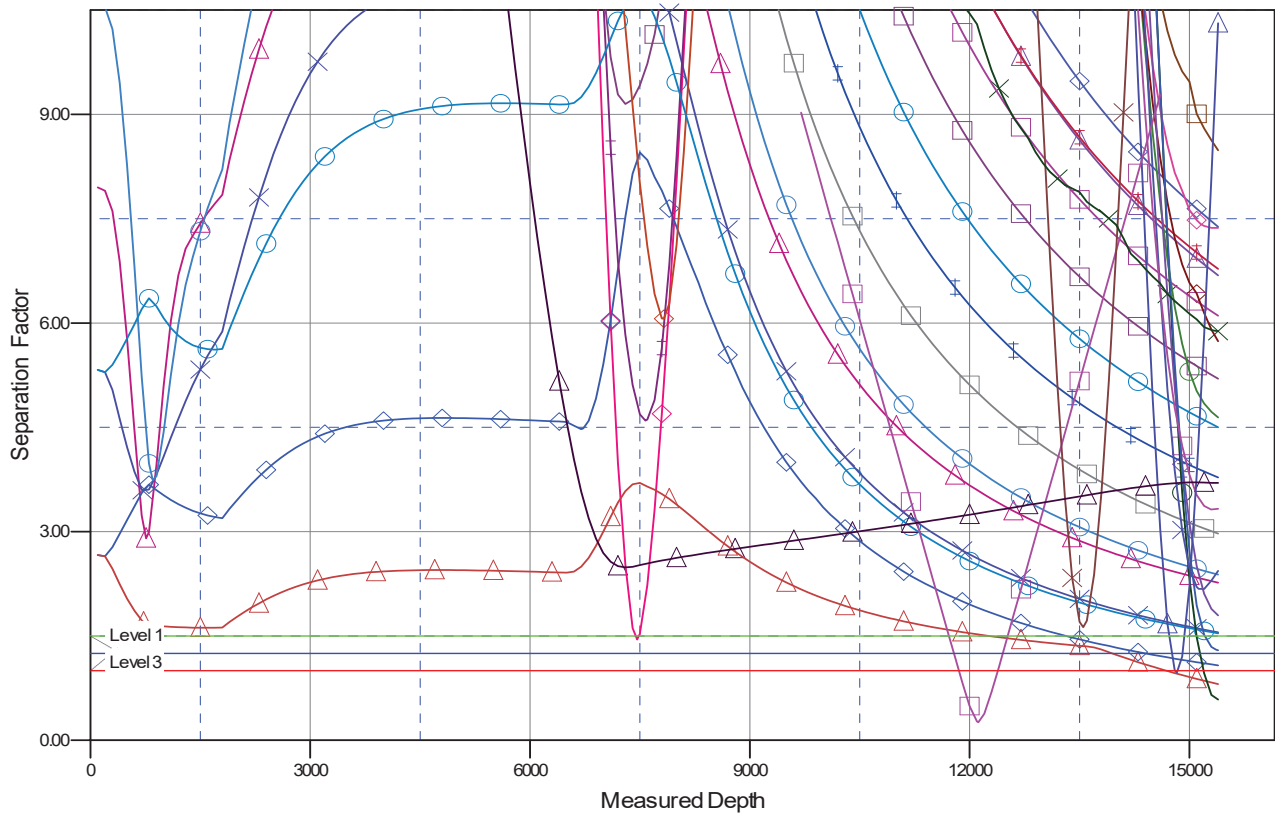
## Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 34N-6B-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4817.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 34N-6B-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are 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 34N-6B-M  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.45°

## Separation Factor Plot



## LEGEND

VOLT33N6A-M, Wellbore#1, Design#1 V0	VOLT33N6A-M, Wellbore#1, Design#1 V0	GREELEY-ROTHEFEDERAL 33N2CL, SRC Energy PR Well, Actual BH Surveys V0
TCMOISERHLL 3-9-11, Etadon PR Well (Plan Only, Planned Etadon Survey) V0	VOLT36Q3-L, Wellbore#1, Design#1 V0	GREELEY-ROTHEFEDERAL 34C2-L, SRC Energy PR Well, Actual BH Surveys V0
VOLT36N8B-L, Wellbore#1, Design#1 V0	VOLT36Q3-L, Wellbore#1, Design#1 V0	Buffederal 32N2CL, SRC Energy PR Well, Actual BH Surveys V0
VOLT11N8CL, Wellbore#1, Design#1 V0	VOLT11N8B-L, Wellbore#1, Design#1 V0	Buffederal 32N2CL, SRC Energy PR Well, Actual BH Surveys V0
VOLT13Q3-M, Wellbore#1, Design#1 V0	VOLT13N8CL, Wellbore#1, Design#1 V0	GREELEY-ROTHEFEDERAL 13N2B-L, SRC Energy PR Well, Actual BH Surveys V0
VOLT14N8B-L, Wellbore#1, Design#1 V0	VOLT13N8CL, Wellbore#1, Design#1 V0	GREELEY-ROTHEFEDERAL 13N2B-L, SRC Energy PR Well, Actual BH Surveys V0
VOLT12N8B-M, Wellbore#1, Design#1 V0	VOLT12N8CL, Wellbore#1, Design#1 V0	GREELEY-ROTHEFEDERAL 13G2-L, SRC Energy PR Well, Actual BH Surveys V0
VOLT12N8B-M, Wellbore#1, Design#1 V0	VOLT12N8CL, Wellbore#1, Design#1 V0	BRANDON1, PDCS Well, Actual MS Energy Surveys V0
VOLT11Q3-L, Wellbore#1, Design#1 V0	VOLT12N8CL, Wellbore#1, Design#1 V0	WILKEN 15-6, PDCS Well, No Surveys V0
VOLT11N8B-M, Wellbore#1, Design#1 V0	VOLT12N8CL, Wellbore#1, Design#1 V0	SOUTH6-24D, SRC P&A Well, VES Gyro Surveys V0
VOLT13N8B-M, Wellbore#1, Design#1 V0	VOLT13Q3-M, Wellbore#1, Design#1 V0	SOUTH6-23D, SRC P&A Well, Actual VES Surveys V0
VOLT12N8B-M, Wellbore#1, Design#1 V0	VOLT13Q3-M, Wellbore#1, Design#1 V0	SOUTHWINGMAN 5B-L, Wellbore#1, Design#1 V0
VOLT25N8CL, Wellbore#1, Design#1 V0	VOLT25N8CL, Wellbore#1, Design#1 V0	WIEDEMAN2-5, Noble Energy PR Well, Actual Correlated Surveys (Grid to True) V0
VOLT34Q3-M, Wellbore#1, Design#1 V0	VOLT25N8CL, Wellbore#1, Design#1 V0	BOOMERANG28C-3-L, SRC Energy PR Well, Actual BH Surveys V0
VOLT14N8CL, Wellbore#1, Design#1 V0	VOLT25N8CL, Wellbore#1, Design#1 V0	WIEDEMAN2-5, Noble Energy PR Well, Actual Correlated Surveys (Grid to True) V0
VOLT33N6M, Wellbore#1, Design#1 V0	VOLT25N8CL, Wellbore#1, Design#1 V0	BOOMERANG34N6C-M, SRC PR Well, Actual BH Surveys V0
VOLT23N8B-L, Wellbore#1, Design#1 V0	VOLT23N8CL, Wellbore#1, Design#1 V0	PSCJ5-11, Noble Energy SW Well, Actual VES Survey (Grid to True) V0
VOLT32N8A-M, Wellbore#1, Design#1 V0	VOLT23N8CL, Wellbore#1, Design#1 V0	
VOLT23N8CL, Wellbore#1, Design#1 V0	VOLT23N8CL, Wellbore#1, Design#1 V0	