

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)  
5N-66W-05 VOLT 19-5 PAD  
VOLT 36N-3A-L**

**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 36N-3A-L
<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 36N-3A-L	<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	17,601.54	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
5N-66W-04 Offsets Incomplete						
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,104.74	7,200.74	2,000.99	1,884.73	17.212	CC, ES
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,400.00	7,198.79	2,022.65	1,903.36	16.955	SF
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,748.80	6,998.31	2,016.14	1,927.52	22.749	CC, ES
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	11,100.00	6,997.74	2,046.50	1,954.56	22.260	SF
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	10,818.18	7,057.87	562.03	472.19	6.256	CC, ES, SF
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,157.82	7,261.44	549.20	432.46	4.704	CC, ES, SF
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,546.99	7,098.38	1,188.61	1,085.61	11.540	CC, ES
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,600.00	7,098.13	1,189.79	1,086.37	11.504	SF
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,056.92	6,980.48	1,281.23	1,203.97	16.582	CC, ES
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,200.00	6,978.81	1,289.20	1,210.83	16.452	SF
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,487.57	7,134.93	566.82	496.33	8.041	CC, ES
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,500.00	7,134.85	566.96	496.39	8.034	SF
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,436.30	7,130.23	1,983.95	1,914.36	28.506	CC, ES
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,800.00	7,126.67	2,017.01	1,944.19	27.696	SF
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv						Out of range
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B						Out of range
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S						Out of range
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	1,943.54	1,902.81	1,152.98	1,139.71	86.877	CC
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	2,000.00	1,956.22	1,153.10	1,139.71	86.137	ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	7,200.00	6,830.45	1,772.47	1,736.31	49.009	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret						Out of range
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret						Out of range

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 Offset Well - Wellbore - Design	Reference	Offset	Distance		Separation Factor	Warning
	Measured Depth (usft)	Measured Depth (usft)	Between Centres (usft)	Between Ellipses (usft)		
5N-66W-05 VOLT 19-5 PAD						
VOLT 11C-3-L - Wellbore #1 - Design #1	200.00	202.00	179.86	172.28	23.745	CC, ES
VOLT 11C-3-L - Wellbore #1 - Design #1	17,601.54	17,730.65	1,687.92	1,321.24	4.603	SF
VOLT 11N-3B-L - Wellbore #1 - Design #1	200.00	202.00	219.95	212.38	29.038	CC
VOLT 11N-3B-L - Wellbore #1 - Design #1	500.00	518.74	220.27	212.31	27.696	ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	17,601.54	17,586.52	2,149.28	1,777.81	5.786	SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	200.00	202.00	199.91	192.33	26.392	CC, ES
VOLT 11N-3C-L - Wellbore #1 - Design #1	17,601.54	17,655.71	1,942.98	1,572.61	5.246	SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	833.12	687.92	1,032.44	1,023.82	119.779	CC, ES
VOLT 12N-6A-M - Wellbore #1 - Design #1	8,300.00	6,762.65	1,680.07	1,629.82	33.433	SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	860.18	714.06	1,050.00	1,041.27	120.402	CC
VOLT 12N-6B-M - Wellbore #1 - Design #1	900.00	743.45	1,050.09	1,041.24	118.681	ES
VOLT 12N-6B-M - Wellbore #1 - Design #1	8,500.00	6,766.52	1,873.22	1,819.89	35.126	SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	900.00	749.66	1,067.32	1,058.45	120.335	CC, ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	8,600.00	6,771.61	2,050.61	1,995.33	37.094	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	1,296.35	1,169.82	882.22	871.59	83.022	CC
VOLT 13C-6-M - Wellbore #1 - Design #1	1,300.00	1,172.59	882.22	871.58	82.898	ES
VOLT 13C-6-M - Wellbore #1 - Design #1	8,000.00	7,045.20	974.80	926.16	20.038	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,678.49	7,189.75	910.98	865.89	20.205	CC
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,700.00	7,172.18	911.06	865.80	20.130	ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,900.00	7,039.05	922.72	876.27	19.866	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	7,722.84	7,166.93	578.14	532.19	12.581	CC, ES, SF
VOLT 14C-3-L - Wellbore #1 - Design #1	200.00	201.00	99.95	92.38	13.196	CC, ES
VOLT 14C-3-L - Wellbore #1 - Design #1	17,601.54	17,776.07	1,102.29	741.62	3.056	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	720.01	733.23	74.04	65.63	8.809	CC, ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	17,600.00	17,607.37	916.34	547.69	2.486	SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	726.89	735.66	51.22	42.80	6.086	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	17,601.54	17,709.90	679.21	319.68	1.889	SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	200.00	201.00	120.00	112.43	15.843	CC, ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	17,601.54	17,474.14	1,098.29	724.94	2.942	SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	658.03	681.59	154.19	145.89	18.592	CC, ES
VOLT 23N-3B-L - Wellbore #1 - Design #1	17,601.54	17,572.87	1,509.75	1,139.14	4.074	SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	200.00	202.00	140.04	132.47	18.489	CC, ES
VOLT 23N-3C-L - Wellbore #1 - Design #1	17,601.54	17,668.45	1,309.05	940.35	3.550	SF
VOLT 25C-3-L - Wellbore #1 - Design #1	200.00	203.00	240.00	232.42	31.683	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	17,601.54	17,749.65	2,359.96	1,990.52	6.388	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	466.28	487.43	259.00	251.11	32.800	CC
VOLT 25N-3A-L - Wellbore #1 - Design #1	500.00	523.04	259.05	251.09	32.546	ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	17,601.54	17,484.43	2,382.82	2,010.26	6.396	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	200.00	203.00	279.81	272.24	36.939	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	1,300.00	1,313.11	365.72	354.32	32.097	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	971.53	821.57	1,097.28	1,088.12	119.809	CC
VOLT 32C-6-M - Wellbore #1 - Design #1	1,000.00	842.81	1,097.39	1,088.12	118.451	ES
VOLT 32C-6-M - Wellbore #1 - Design #1	8,800.00	6,775.40	2,276.68	2,218.64	39.225	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	907.08	758.02	1,087.15	1,078.24	121.934	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	8,800.00	6,629.56	2,370.90	2,313.49	41.296	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	917.73	765.36	1,127.64	1,118.67	125.741	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	8,900.00	6,700.00	2,499.89	2,440.36	41.997	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	809.42	666.25	1,014.37	1,005.83	118.839	CC, ES
VOLT 33C-6-M - Wellbore #1 - Design #1	8,200.00	6,929.56	1,426.85	1,376.33	28.240	SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	1,295.36	1,166.13	902.14	891.52	84.943	CC
VOLT 33N-6A-M - Wellbore #1 - Design #1	1,300.00	1,169.62	902.14	891.50	84.783	ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,900.00	6,970.93	1,093.46	1,047.81	23.949	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	200.00	200.00	999.77	992.20	132.002	CC

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<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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
<b>5N-66W-05 VOLT 19-5 PAD</b>						
VOLT 33N-6C-M - Wellbore #1 - Design #1	300.00	274.83	999.81	992.17	130.815	ES
VOLT 33N-6C-M - Wellbore #1 - Design #1	8,100.00	6,939.20	1,320.54	1,271.60	26.983	SF
VOLT 34C-6-M - Wellbore #1 - Design #1	7,774.51	7,166.75	292.46	245.01	6.163	CC, ES, SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	7,579.44	7,260.44	472.71	428.34	10.653	CC
VOLT 34N-6B-M - Wellbore #1 - Design #1	7,600.00	7,242.64	472.82	428.33	10.627	ES, SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	7,678.13	7,203.00	93.14	46.62	2.002	CC, ES, SF
VOLT 36C-3-L - Wellbore #1 - Design #1	769.83	772.72	16.22	7.68	1.898	CC, ES
VOLT 36C-3-L - Wellbore #1 - Design #1	17,601.54	17,874.08	392.35	126.50	1.476	Level 3, SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	762.79	768.68	32.57	24.06	3.827	CC, ES
VOLT 36N-3B-L - Wellbore #1 - Design #1	17,601.54	17,644.74	455.59	96.51	1.269	Level 3, SF
<b>5N-66W-07 BOST FARM 5-7 PAD</b>						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,483.07	15,526.54	222.78	-39.41	0.850	Level 1, CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	9,500.00	17,542.74	253.60	-65.62	0.794	Level 1, ES, SF
<b>5N-66W-08 Offsets Need HZ</b>						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	10,283.75	7,784.48	156.77	51.09	1.483	Level 3, CC
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	17,601.54	15,119.58	250.58	-171.31	0.594	Level 1, ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	10,407.40	7,837.64	509.69	397.14	4.528	CC
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	17,601.54	15,028.15	558.94	107.21	1.237	Level 2, ES, SF

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,700.00	6,975.05	7,210.40	6,940.15	72.21	21.49	-90.24	998.86	6,128.54	2,444.83	2,361.50	83.33	29.340		
10,800.00	6,974.52	7,209.71	6,939.46	73.81	21.49	-90.22	998.86	6,128.54	2,388.77	2,302.91	85.86	27.821		
10,900.00	6,973.99	7,209.02	6,938.77	75.42	21.49	-90.21	998.86	6,128.54	2,335.66	2,247.21	88.45	26.407		
11,000.00	6,973.46	7,208.33	6,938.08	77.03	21.49	-90.19	998.86	6,128.54	2,285.69	2,194.61	91.08	25.097		
11,100.00	6,972.93	7,207.64	6,937.39	78.65	21.48	-90.17	998.86	6,128.54	2,239.07	2,145.34	93.72	23.890		
11,200.00	6,972.40	7,206.95	6,936.70	80.26	21.48	-90.15	998.86	6,128.54	2,196.02	2,099.64	96.38	22.786		
11,300.00	6,971.87	7,206.27	6,936.01	81.88	21.48	-90.13	998.86	6,128.54	2,156.74	2,057.73	99.01	21.783		
11,400.00	6,971.34	7,205.58	6,935.32	83.50	21.48	-90.11	998.86	6,128.54	2,121.46	2,019.86	101.60	20.881		
11,500.00	6,970.81	7,204.89	6,934.63	85.12	21.48	-90.09	998.86	6,128.54	2,090.37	1,986.25	104.12	20.077		
11,600.00	6,970.28	7,204.20	6,933.95	86.75	21.48	-90.07	998.86	6,128.54	2,063.67	1,957.13	106.54	19.370		
11,700.00	6,969.75	7,203.52	6,933.26	88.37	21.48	-90.05	998.86	6,128.55	2,041.51	1,932.68	108.83	18.759		
11,800.00	6,969.22	7,202.83	6,932.58	90.00	21.48	-90.03	998.86	6,128.55	2,024.06	1,913.10	110.96	18.241		
11,900.00	6,968.69	7,202.15	6,931.89	91.63	21.48	-90.01	998.86	6,128.55	2,011.44	1,898.52	112.92	17.813		
12,000.00	6,968.16	7,201.46	6,931.21	93.26	21.47	-89.99	998.86	6,128.55	2,003.73	1,889.06	114.66	17.475		
12,100.00	6,967.63	7,200.78	6,930.52	94.89	21.47	-89.97	998.86	6,128.55	2,000.99	1,884.81	116.19	17.222		
12,104.74	6,967.60	7,200.74	6,930.49	94.97	21.47	-89.97	998.86	6,128.55	2,000.99	1,884.73	116.25	17.212	CC, ES	
12,200.00	6,967.10	7,200.09	6,929.84	96.53	21.47	-89.95	998.86	6,128.55	2,003.26	1,885.78	117.47	17.053		
12,300.00	6,966.57	7,199.44	6,929.18	98.16	21.47	-89.93	998.86	6,128.55	2,010.49	1,891.98	118.51	16.965		
12,400.00	6,966.04	7,198.79	6,928.53	99.80	21.47	-89.91	998.86	6,128.55	2,022.65	1,903.36	119.29	16.955	SF	
12,500.00	6,965.51	7,198.14	6,927.88	101.44	21.47	-89.89	998.86	6,128.55	2,039.65	1,919.82	119.83	17.021		
12,600.00	6,964.98	7,197.49	6,927.24	103.08	21.47	-89.88	998.86	6,128.55	2,061.36	1,941.24	120.13	17.159		
12,700.00	6,964.45	7,196.85	6,926.59	104.72	21.47	-89.86	998.86	6,128.55	2,087.65	1,967.45	120.20	17.368		
12,800.00	6,963.92	7,196.20	6,925.95	106.36	21.47	-89.84	998.86	6,128.55	2,118.33	1,998.27	120.06	17.644		
12,900.00	6,963.39	7,195.56	6,925.31	108.00	21.47	-89.82	998.86	6,128.55	2,153.22	2,033.49	119.73	17.984		

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 7500-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
13,000.00	6,962.86	7,194.92	6,924.67	109.64	21.47	-89.80	998.86	6,128.55	2,192.12	2,072.90	119.23	18.386	
13,100.00	6,962.33	7,194.28	6,924.03	111.28	21.46	-89.78	998.85	6,128.56	2,234.83	2,116.25	118.57	18.848	
13,200.00	6,961.80	7,193.64	6,923.39	112.93	21.46	-89.76	998.85	6,128.56	2,281.12	2,163.32	117.79	19.366	
13,300.00	6,961.27	7,193.01	6,922.75	114.57	21.46	-89.75	998.85	6,128.56	2,330.78	2,213.88	116.90	19.938	
13,400.00	6,960.74	7,192.37	6,922.12	116.22	21.46	-89.73	998.85	6,128.56	2,383.61	2,267.68	115.93	20.561	
13,500.00	6,960.21	7,191.74	6,921.48	117.87	21.46	-89.71	998.85	6,128.56	2,439.39	2,324.51	114.88	21.234	
13,600.00	6,959.68	7,191.11	6,920.85	119.51	21.46	-89.69	998.85	6,128.56	2,497.93	2,384.15	113.78	21.954	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,300.00	6,982.47	7,000.63	6,947.17	50.22	15.49	-90.21	1,012.15	4,772.65	2,482.71	2,420.47	62.24	39.888		
9,400.00	6,981.94	7,000.47	6,947.01	51.74	15.48	-90.21	1,012.15	4,772.65	2,425.72	2,361.63	64.08	37.853		
9,500.00	6,981.41	7,000.32	6,946.85	53.28	15.48	-90.20	1,012.15	4,772.65	2,371.57	2,305.59	65.98	35.945		
9,600.00	6,980.88	7,000.16	6,946.69	54.83	15.48	-90.20	1,012.15	4,772.65	2,320.47	2,252.55	67.92	34.165		
9,700.00	6,980.35	7,000.00	6,946.53	56.38	15.48	-90.19	1,012.15	4,772.65	2,272.62	2,202.73	69.90	32.514		
9,800.00	6,979.82	6,999.84	6,946.37	57.94	15.48	-90.19	1,012.15	4,772.64	2,228.24	2,156.35	71.89	30.993		
9,900.00	6,979.29	6,999.68	6,946.21	59.51	15.48	-90.18	1,012.15	4,772.64	2,187.53	2,113.63	73.90	29.601		
10,000.00	6,978.76	6,999.52	6,946.05	61.08	15.48	-90.18	1,012.15	4,772.64	2,150.71	2,074.81	75.90	28.337		
10,100.00	6,978.23	6,999.36	6,945.89	62.65	15.48	-90.17	1,012.15	4,772.64	2,117.97	2,040.10	77.87	27.199		
10,200.00	6,977.70	6,999.20	6,945.73	64.24	15.48	-90.17	1,012.15	4,772.64	2,089.50	2,009.71	79.79	26.187		
10,300.00	6,977.17	6,999.04	6,945.57	65.82	15.48	-90.16	1,012.15	4,772.64	2,065.49	1,983.85	81.65	25.298		
10,400.00	6,976.64	6,998.88	6,945.41	67.41	15.48	-90.16	1,012.15	4,772.64	2,046.09	1,962.68	83.41	24.529		
10,500.00	6,976.11	6,998.72	6,945.25	69.01	15.48	-90.16	1,012.15	4,772.64	2,031.44	1,946.36	85.07	23.878		
10,600.00	6,975.58	6,998.55	6,945.09	70.61	15.48	-90.15	1,012.15	4,772.64	2,021.63	1,935.02	86.61	23.342		
10,700.00	6,975.05	6,998.39	6,944.92	72.21	15.48	-90.15	1,012.15	4,772.64	2,016.73	1,928.73	88.00	22.917		
10,748.80	6,974.79	6,998.31	6,944.84	72.99	15.48	-90.14	1,012.15	4,772.64	2,016.14	1,927.52	88.62	22.749	CC, ES	
10,800.00	6,974.52	6,998.23	6,944.76	73.81	15.48	-90.14	1,012.15	4,772.64	2,016.79	1,927.56	89.24	22.600		
10,900.00	6,973.99	6,998.07	6,944.60	75.42	15.48	-90.14	1,012.15	4,772.64	2,021.80	1,931.50	90.31	22.388		
11,000.00	6,973.46	6,997.90	6,944.44	77.03	15.48	-90.13	1,012.15	4,772.64	2,031.73	1,940.52	91.21	22.275		
11,100.00	6,972.93	6,997.74	6,944.27	78.65	15.48	-90.13	1,012.15	4,772.64	2,046.50	1,954.56	91.94	22.260	SF	
11,200.00	6,972.40	6,997.57	6,944.11	80.26	15.48	-90.12	1,012.16	4,772.64	2,066.01	1,973.52	92.50	22.336		
11,300.00	6,971.87	6,997.41	6,943.94	81.88	15.48	-90.12	1,012.16	4,772.64	2,090.13	1,997.24	92.89	22.501		
11,400.00	6,971.34	6,997.25	6,943.78	83.50	15.48	-90.11	1,012.16	4,772.64	2,118.70	2,025.57	93.13	22.751		
11,500.00	6,970.81	6,997.08	6,943.61	85.12	15.48	-90.11	1,012.16	4,772.63	2,151.54	2,058.32	93.22	23.081		
11,600.00	6,970.28	6,996.91	6,943.45	86.75	15.48	-90.10	1,012.16	4,772.63	2,188.46	2,095.29	93.17	23.488		
11,700.00	6,969.75	6,996.75	6,943.28	88.37	15.48	-90.10	1,012.16	4,772.63	2,229.26	2,136.25	93.01	23.967		
11,800.00	6,969.22	6,996.58	6,943.12	90.00	15.48	-90.09	1,012.16	4,772.63	2,273.73	2,180.98	92.75	24.516		
11,900.00	6,968.69	6,996.42	6,942.95	91.63	15.48	-90.09	1,012.16	4,772.63	2,321.66	2,229.27	92.39	25.130		
12,000.00	6,968.16	6,996.25	6,942.78	93.26	15.48	-90.09	1,012.16	4,772.63	2,372.83	2,280.88	91.95	25.806		
12,100.00	6,967.63	6,996.08	6,942.62	94.89	15.48	-90.08	1,012.16	4,772.63	2,427.05	2,335.60	91.45	26.540		
12,200.00	6,967.10	6,995.91	6,942.45	96.53	15.48	-90.08	1,012.16	4,772.63	2,484.11	2,393.22	90.89	27.330		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 7400-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,400.00	6,987.24	7,037.23	6,910.87	37.05	16.51	-87.09	-442.19	4,843.64	2,482.54	2,440.33	42.21	58.811		
8,500.00	6,986.71	7,038.02	6,911.66	38.44	16.51	-87.17	-442.18	4,843.65	2,385.25	2,342.61	42.64	55.945		
8,600.00	6,986.18	7,038.81	6,912.45	39.85	16.51	-87.25	-442.17	4,843.66	2,288.19	2,245.08	43.10	53.087		
8,700.00	6,985.65	7,039.61	6,913.25	41.29	16.51	-87.33	-442.16	4,843.67	2,191.39	2,147.77	43.62	50.239		
8,800.00	6,985.12	7,040.41	6,914.05	42.74	16.51	-87.41	-442.15	4,843.68	2,094.90	2,050.70	44.19	47.402		
8,900.00	6,984.59	7,041.22	6,914.86	44.21	16.52	-87.50	-442.14	4,843.69	1,998.75	1,953.91	44.83	44.581		
9,000.00	6,984.06	7,042.04	6,915.67	45.69	16.52	-87.58	-442.13	4,843.70	1,902.99	1,857.44	45.55	41.778		
9,100.00	6,983.53	7,042.86	6,916.49	47.19	16.52	-87.66	-442.12	4,843.72	1,807.70	1,761.35	46.35	38.997		
9,200.00	6,983.00	7,043.68	6,917.32	48.70	16.52	-87.75	-442.11	4,843.73	1,712.94	1,665.68	47.26	36.244		
9,300.00	6,982.47	7,044.51	6,918.15	50.22	16.52	-87.83	-442.09	4,843.74	1,618.81	1,570.52	48.29	33.523		
9,400.00	6,981.94	7,045.35	6,918.99	51.74	16.52	-87.92	-442.08	4,843.75	1,525.43	1,475.98	49.46	30.843		
9,500.00	6,981.41	7,046.19	6,919.83	53.28	16.53	-88.00	-442.07	4,843.76	1,432.95	1,382.15	50.79	28.211		
9,600.00	6,980.88	7,047.04	6,920.68	54.83	16.53	-88.09	-442.06	4,843.78	1,341.54	1,289.21	52.33	25.638		
9,700.00	6,980.35	7,047.90	6,921.53	56.38	16.53	-88.18	-442.05	4,843.79	1,251.44	1,197.35	54.09	23.136		
9,800.00	6,979.82	7,048.76	6,922.39	57.94	16.53	-88.26	-442.04	4,843.80	1,162.96	1,106.83	56.13	20.719		
9,900.00	6,979.29	7,049.62	6,923.26	59.51	16.53	-88.35	-442.03	4,843.81	1,076.51	1,018.01	58.49	18.404		
10,000.00	6,978.76	7,050.50	6,924.13	61.08	16.53	-88.44	-442.01	4,843.83	992.59	931.37	61.23	16.212		
10,100.00	6,978.23	7,051.37	6,925.01	62.65	16.54	-88.53	-442.00	4,843.84	911.93	847.55	64.38	14.165		
10,200.00	6,977.70	7,052.26	6,925.89	64.24	16.54	-88.62	-441.99	4,843.85	835.46	767.47	67.99	12.288		
10,300.00	6,977.17	7,053.15	6,926.79	65.82	16.54	-88.71	-441.98	4,843.87	764.44	692.39	72.05	10.610		
10,400.00	6,976.64	7,054.05	6,927.68	67.41	16.54	-88.80	-441.96	4,843.88	700.53	624.08	76.45	9.163		
10,500.00	6,976.11	7,054.95	6,928.59	69.01	16.54	-88.90	-441.95	4,843.89	645.84	564.88	80.96	7.977		
10,600.00	6,975.58	7,055.86	6,929.50	70.61	16.54	-88.99	-441.94	4,843.91	602.89	517.77	85.13	7.082		
10,700.00	6,975.05	7,056.78	6,930.42	72.21	16.55	-89.08	-441.93	4,843.92	574.32	486.03	88.29	6.505		
10,800.00	6,974.52	7,057.71	6,931.34	73.81	16.55	-89.18	-441.91	4,843.93	562.33	472.54	89.79	6.263		
10,818.18	6,974.42	7,057.87	6,931.51	74.11	16.55	-89.19	-441.91	4,843.93	562.03	472.19	89.84	6.256 CC, ES, SF		
10,900.00	6,973.99	7,058.64	6,932.27	75.42	16.55	-89.27	-441.90	4,843.95	567.96	478.69	89.27	6.362		
11,000.00	6,973.46	7,059.57	6,933.21	77.03	16.55	-89.37	-441.89	4,843.96	590.71	503.79	86.92	6.796		
11,100.00	6,972.93	7,060.52	6,934.15	78.65	16.55	-89.46	-441.87	4,843.97	628.73	545.41	83.31	7.546		
11,200.00	6,972.40	7,061.47	6,935.10	80.26	16.55	-89.56	-441.86	4,843.99	679.45	600.31	79.14	8.585		
11,300.00	6,971.87	7,062.43	6,936.06	81.88	16.56	-89.66	-441.85	4,844.00	740.28	665.35	74.92	9.880		
11,400.00	6,971.34	7,063.40	6,937.03	83.50	16.56	-89.76	-441.83	4,844.02	808.93	737.95	70.97	11.398		
11,500.00	6,970.81	7,064.37	6,938.00	85.12	16.56	-89.86	-441.82	4,844.03	883.58	816.15	67.43	13.104		
11,600.00	6,970.28	7,065.35	6,938.98	86.75	16.56	-89.96	-441.80	4,844.05	962.84	898.52	64.33	14.968		
11,700.00	6,969.75	7,066.34	6,939.97	88.37	16.56	-90.06	-441.79	4,844.06	1,045.66	984.02	61.64	16.963		
11,800.00	6,969.22	7,067.33	6,940.96	90.00	16.56	-90.16	-441.78	4,844.08	1,131.27	1,071.93	59.34	19.064		
11,900.00	6,968.69	7,068.33	6,941.96	91.63	16.57	-90.26	-441.76	4,844.09	1,219.06	1,161.69	57.37	21.250		
12,000.00	6,968.16	7,069.34	6,942.97	93.26	16.57	-90.36	-441.75	4,844.11	1,308.61	1,252.93	55.68	23.503		
12,100.00	6,967.63	7,070.36	6,943.99	94.89	16.57	-90.47	-441.73	4,844.12	1,399.57	1,345.34	54.23	25.808		
12,200.00	6,967.10	7,071.39	6,945.02	96.53	16.57	-90.57	-441.72	4,844.14	1,491.69	1,438.70	52.99	28.153		
12,300.00	6,966.57	7,072.42	6,946.05	98.16	16.57	-90.68	-441.70	4,844.15	1,584.76	1,532.84	51.92	30.526		
12,400.00	6,966.04	7,073.46	6,947.09	99.80	16.58	-90.78	-441.69	4,844.17	1,678.63	1,627.64	50.99	32.919		
12,500.00	6,965.51	7,074.51	6,948.14	101.44	16.58	-90.89	-441.67	4,844.19	1,773.17	1,722.97	50.20	35.325		
12,600.00	6,964.98	7,075.57	6,949.20	103.08	16.58	-91.00	-441.65	4,844.20	1,868.28	1,818.77	49.51	37.737		
12,700.00	6,964.45	7,076.64	6,950.27	104.72	16.58	-91.11	-441.64	4,844.22	1,963.87	1,914.96	48.91	40.153		
12,800.00	6,963.92	7,077.71	6,951.34	106.36	16.58	-91.21	-441.62	4,844.24	2,059.88	2,011.49	48.39	42.566		
12,900.00	6,963.39	7,078.79	6,952.42	108.00	16.59	-91.32	-441.61	4,844.25	2,156.26	2,108.31	47.94	44.975		
13,000.00	6,962.86	7,079.88	6,953.51	109.64	16.59	-91.44	-441.59	4,844.27	2,252.94	2,205.39	47.55	47.377		
13,100.00	6,962.33	7,080.99	6,954.61	111.28	16.59	-91.55	-441.57	4,844.29	2,349.91	2,302.69	47.22	49.769		
13,200.00	6,961.80	7,082.09	6,955.72	112.93	16.59	-91.66	-441.56	4,844.30	2,447.12	2,400.19	46.92	52.150		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 7600-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,800.00	6,979.82	7,264.48	6,939.60	57.94	21.57	-90.86	-452.91	6,183.66	2,420.94	2,372.36	48.58	49.830		
9,900.00	6,979.29	7,264.34	6,939.46	59.51	21.57	-90.85	-452.91	6,183.66	2,323.66	2,274.37	49.28	47.148		
10,000.00	6,978.76	7,264.21	6,939.33	61.08	21.57	-90.84	-452.91	6,183.66	2,226.62	2,176.56	50.06	44.483		
10,100.00	6,978.23	7,264.08	6,939.20	62.65	21.57	-90.82	-452.90	6,183.66	2,129.85	2,078.94	50.91	41.839		
10,200.00	6,977.70	7,263.94	6,939.06	64.24	21.57	-90.81	-452.90	6,183.66	2,033.39	1,981.55	51.85	39.219		
10,300.00	6,977.17	7,263.81	6,938.93	65.82	21.57	-90.79	-452.90	6,183.66	1,937.30	1,884.41	52.89	36.627		
10,400.00	6,976.64	7,263.68	6,938.80	67.41	21.57	-90.78	-452.90	6,183.65	1,841.62	1,787.56	54.06	34.066		
10,500.00	6,976.11	7,263.55	6,938.67	69.01	21.57	-90.77	-452.90	6,183.65	1,746.42	1,691.06	55.37	31.543		
10,600.00	6,975.58	7,263.42	6,938.54	70.61	21.57	-90.75	-452.90	6,183.65	1,651.80	1,594.96	56.84	29.062		
10,700.00	6,975.05	7,263.29	6,938.41	72.21	21.57	-90.74	-452.90	6,183.65	1,557.84	1,499.34	58.50	26.630		
10,800.00	6,974.52	7,263.16	6,938.28	73.81	21.57	-90.73	-452.89	6,183.65	1,464.69	1,404.30	60.38	24.256		
10,900.00	6,973.99	7,263.03	6,938.15	75.42	21.57	-90.71	-452.89	6,183.65	1,372.49	1,309.96	62.53	21.949		
11,000.00	6,973.46	7,262.90	6,938.02	77.03	21.57	-90.70	-452.89	6,183.65	1,281.47	1,216.49	64.99	19.718		
11,100.00	6,972.93	7,262.77	6,937.89	78.65	21.57	-90.69	-452.89	6,183.65	1,191.89	1,124.08	67.81	17.576		
11,200.00	6,972.40	7,262.64	6,937.76	80.26	21.57	-90.67	-452.89	6,183.65	1,104.11	1,033.04	71.07	15.536		
11,300.00	6,971.87	7,262.51	6,937.63	81.88	21.57	-90.66	-452.89	6,183.65	1,018.57	943.75	74.82	13.614		
11,400.00	6,971.34	7,262.39	6,937.51	83.50	21.57	-90.65	-452.89	6,183.65	935.91	856.76	79.15	11.825		
11,500.00	6,970.81	7,262.26	6,937.38	85.12	21.57	-90.63	-452.89	6,183.65	856.95	772.84	84.10	10.189		
11,600.00	6,970.28	7,262.13	6,937.25	86.75	21.57	-90.62	-452.89	6,183.65	782.81	693.10	89.71	8.726		
11,700.00	6,969.75	7,262.01	6,937.13	88.37	21.57	-90.61	-452.88	6,183.65	715.00	619.12	95.88	7.457		
11,800.00	6,969.22	7,261.88	6,937.00	90.00	21.57	-90.59	-452.88	6,183.65	655.49	553.14	102.35	6.404		
11,900.00	6,968.69	7,261.76	6,936.88	91.63	21.57	-90.58	-452.88	6,183.65	606.71	498.15	108.56	5.589		
12,000.00	6,968.16	7,261.64	6,936.76	93.26	21.57	-90.57	-452.88	6,183.65	571.43	457.81	113.62	5.029		
12,100.00	6,967.63	7,261.51	6,936.63	94.89	21.57	-90.55	-452.88	6,183.65	552.24	435.79	116.45	4.742		
12,157.82	6,967.32	7,261.44	6,936.56	95.84	21.57	-90.55	-452.88	6,183.65	549.20	432.46	116.74	4.704	CC, ES, SF	
12,200.00	6,967.10	7,261.39	6,936.51	96.53	21.57	-90.54	-452.88	6,183.65	550.82	434.53	116.29	4.737		
12,300.00	6,966.57	7,261.27	6,936.39	98.16	21.57	-90.53	-452.88	6,183.64	567.31	454.14	113.16	5.013		
12,400.00	6,966.04	7,261.15	6,936.27	99.80	21.57	-90.52	-452.88	6,183.64	600.23	492.36	107.86	5.565		
12,500.00	6,965.51	7,261.02	6,936.14	101.44	21.57	-90.50	-452.87	6,183.64	647.08	545.58	101.50	6.375		
12,600.00	6,964.98	7,260.90	6,936.02	103.08	21.57	-90.49	-452.87	6,183.64	705.08	610.11	94.98	7.424		
12,700.00	6,964.45	7,260.78	6,935.90	104.72	21.57	-90.48	-452.87	6,183.64	771.74	682.88	88.86	8.685		
12,800.00	6,963.92	7,260.66	6,935.78	106.36	21.57	-90.47	-452.87	6,183.64	844.99	761.61	83.38	10.134		
12,900.00	6,963.39	7,260.54	6,935.66	108.00	21.57	-90.45	-452.87	6,183.64	923.28	844.67	78.61	11.745		
13,000.00	6,962.86	7,260.42	6,935.54	109.64	21.57	-90.44	-452.87	6,183.64	1,005.43	930.92	74.50	13.495		
13,100.00	6,962.33	7,260.31	6,935.43	111.28	21.57	-90.43	-452.87	6,183.64	1,090.56	1,019.57	70.99	15.362		
13,200.00	6,961.80	7,260.19	6,935.31	112.93	21.57	-90.42	-452.87	6,183.64	1,178.03	1,110.04	67.99	17.327		
13,300.00	6,961.27	7,260.07	6,935.19	114.57	21.57	-90.40	-452.87	6,183.64	1,267.35	1,201.93	65.42	19.372		
13,400.00	6,960.74	7,259.95	6,935.07	116.22	21.57	-90.39	-452.86	6,183.64	1,358.17	1,294.95	63.22	21.483		
13,500.00	6,960.21	7,259.84	6,934.96	117.87	21.57	-90.38	-452.86	6,183.64	1,450.19	1,388.86	61.33	23.646		
13,600.00	6,959.68	7,259.72	6,934.84	119.51	21.57	-90.37	-452.86	6,183.64	1,543.21	1,483.51	59.70	25.850		
13,700.00	6,959.15	7,259.60	6,934.72	121.16	21.57	-90.36	-452.86	6,183.64	1,637.05	1,578.76	58.29	28.086		
13,800.00	6,958.62	7,259.49	6,934.61	122.81	21.57	-90.34	-452.86	6,183.64	1,731.58	1,674.51	57.06	30.345		
13,900.00	6,958.09	7,259.37	6,934.49	124.46	21.57	-90.33	-452.86	6,183.64	1,826.69	1,770.69	56.00	32.620		
14,000.00	6,957.56	7,259.26	6,934.38	126.11	21.57	-90.32	-452.86	6,183.64	1,922.30	1,867.23	55.07	34.905		
14,100.00	6,957.03	7,259.14	6,934.27	127.76	21.57	-90.31	-452.86	6,183.64	2,018.33	1,964.07	54.26	37.196		
14,200.00	6,956.50	7,259.03	6,934.15	129.41	21.57	-90.30	-452.86	6,183.64	2,114.73	2,061.18	53.55	39.489		
14,300.00	6,955.97	7,258.92	6,934.04	131.07	21.57	-90.28	-452.85	6,183.63	2,211.46	2,158.52	52.93	41.779		
14,400.00	6,955.44	7,258.81	6,933.93	132.72	21.57	-90.27	-452.85	6,183.63	2,308.46	2,256.07	52.39	44.065		
14,500.00	6,954.91	7,258.69	6,933.81	134.37	21.56	-90.26	-452.85	6,183.63	2,405.70	2,353.79	51.91	46.344		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 7500-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,400.00	6,981.94	7,109.44	6,944.53	51.74	16.96	-90.48	185.73	5,571.92	2,454.03	2,401.03	53.00	46.299		
9,500.00	6,981.41	7,108.89	6,943.97	53.28	16.96	-90.45	185.73	5,571.92	2,367.04	2,312.67	54.37	43.538		
9,600.00	6,980.88	7,108.34	6,943.42	54.83	16.96	-90.43	185.73	5,571.92	2,281.12	2,225.28	55.84	40.851		
9,700.00	6,980.35	7,107.79	6,942.87	56.38	16.95	-90.40	185.73	5,571.92	2,196.38	2,138.95	57.43	38.243		
9,800.00	6,979.82	7,107.24	6,942.33	57.94	16.95	-90.37	185.73	5,571.92	2,112.99	2,053.83	59.15	35.720		
9,900.00	6,979.29	7,106.70	6,941.79	59.51	16.95	-90.35	185.73	5,571.92	2,031.09	1,970.08	61.01	33.290		
10,000.00	6,978.76	7,106.17	6,941.26	61.08	16.95	-90.32	185.73	5,571.92	1,950.88	1,887.86	63.02	30.959		
10,100.00	6,978.23	7,105.64	6,940.73	62.65	16.95	-90.30	185.73	5,571.92	1,872.58	1,807.40	65.17	28.732		
10,200.00	6,977.70	7,105.11	6,940.20	64.24	16.95	-90.27	185.73	5,571.92	1,796.43	1,728.94	67.49	26.618		
10,300.00	6,977.17	7,104.59	6,939.67	65.82	16.95	-90.25	185.73	5,571.92	1,722.72	1,652.75	69.97	24.621		
10,400.00	6,976.64	7,104.07	6,939.16	67.41	16.95	-90.22	185.73	5,571.92	1,651.78	1,579.17	72.61	22.749		
10,500.00	6,976.11	7,103.55	6,938.64	69.01	16.95	-90.20	185.73	5,571.92	1,583.97	1,508.57	75.40	21.006		
10,600.00	6,975.58	7,103.04	6,938.13	70.61	16.95	-90.17	185.73	5,571.92	1,519.73	1,441.39	78.34	19.399		
10,700.00	6,975.05	7,102.53	6,937.62	72.21	16.95	-90.15	185.72	5,571.92	1,459.51	1,378.12	81.39	17.931		
10,800.00	6,974.52	7,102.03	6,937.12	73.81	16.94	-90.12	185.72	5,571.92	1,403.85	1,319.32	84.53	16.608		
10,900.00	6,973.99	7,101.53	6,936.62	75.42	16.94	-90.10	185.72	5,571.92	1,353.29	1,265.61	87.68	15.434		
11,000.00	6,973.46	7,101.03	6,936.12	77.03	16.94	-90.08	185.72	5,571.92	1,308.43	1,217.63	90.80	14.410		
11,100.00	6,972.93	7,100.54	6,935.63	78.65	16.94	-90.05	185.72	5,571.92	1,269.88	1,176.10	93.79	13.540		
11,200.00	6,972.40	7,100.05	6,935.14	80.26	16.94	-90.03	185.72	5,571.92	1,238.23	1,141.68	96.55	12.825		
11,300.00	6,971.87	7,099.56	6,934.65	81.88	16.94	-90.00	185.72	5,571.92	1,214.00	1,115.02	98.98	12.265		
11,400.00	6,971.34	7,099.08	6,934.17	83.50	16.94	-89.98	185.72	5,571.92	1,197.67	1,096.68	100.99	11.859		
11,500.00	6,970.81	7,098.60	6,933.69	85.12	16.94	-89.96	185.72	5,571.92	1,189.54	1,087.05	102.49	11.607		
11,546.99	6,970.56	7,098.38	6,933.47	85.89	16.94	-89.95	185.72	5,571.92	1,188.61	1,085.61	103.00	11.540 CC, ES		
11,600.00	6,970.28	7,098.13	6,933.21	86.75	16.94	-89.94	185.72	5,571.92	1,189.79	1,086.37	103.43	11.504 SF		
11,700.00	6,969.75	7,097.65	6,932.74	88.37	16.94	-89.91	185.72	5,571.92	1,198.42	1,094.64	103.78	11.548		
11,800.00	6,969.22	7,097.19	6,932.27	90.00	16.94	-89.89	185.72	5,571.92	1,215.24	1,111.67	103.57	11.733		
11,900.00	6,968.69	7,096.72	6,931.81	91.63	16.93	-89.87	185.72	5,571.92	1,239.92	1,137.07	102.86	12.055		
12,000.00	6,968.16	7,096.26	6,931.35	93.26	16.93	-89.85	185.72	5,571.92	1,272.01	1,170.31	101.70	12.507		
12,100.00	6,967.63	7,095.80	6,930.89	94.89	16.93	-89.82	185.72	5,571.92	1,310.96	1,210.76	100.20	13.084		
12,200.00	6,967.10	7,095.34	6,930.43	96.53	16.93	-89.80	185.72	5,571.92	1,356.17	1,257.74	98.43	13.778		
12,300.00	6,966.57	7,094.89	6,929.98	98.16	16.93	-89.78	185.72	5,571.92	1,407.06	1,310.57	96.49	14.582		
12,400.00	6,966.04	7,094.44	6,929.53	99.80	16.93	-89.76	185.72	5,571.91	1,463.01	1,368.57	94.45	15.491		
12,500.00	6,965.51	7,094.00	6,929.08	101.44	16.93	-89.74	185.72	5,571.91	1,523.48	1,431.13	92.36	16.495		
12,600.00	6,964.98	7,093.55	6,928.64	103.08	16.93	-89.71	185.72	5,571.91	1,587.95	1,497.68	90.27	17.590		
12,700.00	6,964.45	7,093.11	6,928.20	104.72	16.93	-89.69	185.72	5,571.91	1,655.96	1,567.73	88.23	18.769		
12,800.00	6,963.92	7,092.68	6,927.76	106.36	16.93	-89.67	185.72	5,571.91	1,727.08	1,640.83	86.24	20.025		
12,900.00	6,963.39	7,092.24	6,927.33	108.00	16.93	-89.65	185.72	5,571.91	1,800.94	1,716.60	84.34	21.353		
13,000.00	6,962.86	7,091.81	6,926.90	109.64	16.93	-89.63	185.71	5,571.91	1,877.23	1,794.70	82.53	22.747		
13,100.00	6,962.33	7,091.38	6,926.47	111.28	16.92	-89.61	185.71	5,571.91	1,955.65	1,874.85	80.81	24.202		
13,200.00	6,961.80	7,090.96	6,926.04	112.93	16.92	-89.59	185.71	5,571.91	2,035.97	1,956.79	79.18	25.712		
13,300.00	6,961.27	7,090.53	6,925.62	114.57	16.92	-89.57	185.71	5,571.91	2,117.96	2,040.31	77.66	27.273		
13,400.00	6,960.74	7,090.11	6,925.20	116.22	16.92	-89.55	185.71	5,571.91	2,201.45	2,125.22	76.22	28.881		
13,500.00	6,960.21	7,089.70	6,924.78	117.87	16.92	-89.53	185.71	5,571.91	2,286.25	2,211.37	74.88	30.532		
13,600.00	6,959.68	7,089.28	6,924.37	119.51	16.92	-89.51	185.71	5,571.91	2,372.25	2,298.62	73.62	32.222		
13,700.00	6,959.15	7,088.87	6,923.96	121.16	16.92	-89.49	185.71	5,571.91	2,459.30	2,386.85	72.45	33.947		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,000.00	6,989.36	7,003.85	6,967.23	31.77	15.30	-91.06	276.29	4,081.62	2,423.21	2,379.41	43.80	55.324		
8,100.00	6,988.83	7,002.74	6,966.12	33.04	15.29	-91.01	276.29	4,081.63	2,338.94	2,294.24	44.70	52.329		
8,200.00	6,988.30	7,001.63	6,965.00	34.34	15.29	-90.96	276.29	4,081.63	2,255.95	2,210.27	45.68	49.386		
8,300.00	6,987.77	7,000.51	6,963.89	35.68	15.29	-90.91	276.29	4,081.64	2,174.39	2,127.63	46.76	46.504		
8,400.00	6,987.24	6,999.39	6,962.77	37.05	15.29	-90.86	276.29	4,081.64	2,094.42	2,046.49	47.93	43.695		
8,500.00	6,986.71	6,998.27	6,961.65	38.44	15.28	-90.81	276.29	4,081.65	2,016.25	1,967.04	49.21	40.969		
8,600.00	6,986.18	6,997.15	6,960.53	39.85	15.28	-90.76	276.29	4,081.66	1,940.08	1,889.48	50.61	38.337		
8,700.00	6,985.65	6,996.02	6,959.40	41.29	15.28	-90.71	276.29	4,081.66	1,866.16	1,814.05	52.11	35.809		
8,800.00	6,985.12	6,994.89	6,958.27	42.74	15.28	-90.66	276.30	4,081.67	1,794.78	1,741.04	53.74	33.398		
8,900.00	6,984.59	6,993.76	6,957.14	44.21	15.27	-90.61	276.30	4,081.68	1,726.23	1,670.75	55.48	31.114		
9,000.00	6,984.06	6,992.63	6,956.00	45.69	15.27	-90.56	276.30	4,081.68	1,660.88	1,603.54	57.34	28.967		
9,100.00	6,983.53	6,991.49	6,954.87	47.19	15.27	-90.51	276.30	4,081.69	1,599.11	1,539.81	59.30	26.968		
9,200.00	6,983.00	6,990.35	6,953.73	48.70	15.27	-90.46	276.30	4,081.69	1,541.36	1,480.01	61.35	25.125		
9,300.00	6,982.47	6,989.21	6,952.59	50.22	15.27	-90.41	276.30	4,081.70	1,488.09	1,424.63	63.46	23.448		
9,400.00	6,981.94	6,988.06	6,951.44	51.74	15.26	-90.36	276.30	4,081.71	1,439.81	1,374.19	65.62	21.942		
9,500.00	6,981.41	6,986.92	6,950.29	53.28	15.26	-90.31	276.30	4,081.71	1,397.03	1,329.26	67.77	20.614		
9,600.00	6,980.88	6,985.77	6,949.14	54.83	15.26	-90.25	276.30	4,081.72	1,360.26	1,290.39	69.87	19.467		
9,700.00	6,980.35	6,984.61	6,947.99	56.38	15.26	-90.20	276.30	4,081.73	1,330.01	1,258.15	71.87	18.506		
9,800.00	6,979.82	6,983.46	6,946.84	57.94	15.25	-90.15	276.30	4,081.73	1,306.74	1,233.04	73.70	17.730		
9,900.00	6,979.29	6,982.30	6,945.68	59.51	15.25	-90.10	276.30	4,081.74	1,290.81	1,215.50	75.31	17.140		
10,000.00	6,978.76	6,981.14	6,944.52	61.08	15.25	-90.05	276.30	4,081.75	1,282.50	1,205.85	76.64	16.733		
10,056.92	6,978.45	6,980.48	6,943.86	61.97	15.25	-90.02	276.31	4,081.75	1,281.23	1,203.97	77.27	16.582	CC, ES	
10,100.00	6,978.23	6,979.98	6,943.35	62.65	15.25	-90.00	276.31	4,081.75	1,281.96	1,204.29	77.67	16.505		
10,200.00	6,977.70	6,978.81	6,942.19	64.24	15.24	-89.94	276.31	4,081.76	1,289.20	1,210.83	78.36	16.452	SF	
10,300.00	6,977.17	6,977.64	6,941.02	65.82	15.24	-89.89	276.31	4,081.77	1,304.09	1,225.36	78.72	16.566		
10,400.00	6,976.64	6,976.47	6,939.85	67.41	15.24	-89.84	276.31	4,081.77	1,326.37	1,247.60	78.76	16.840		
10,500.00	6,976.11	6,975.30	6,938.67	69.01	15.24	-89.79	276.31	4,081.78	1,355.67	1,277.16	78.52	17.266		
10,600.00	6,975.58	6,974.12	6,937.50	70.61	15.23	-89.73	276.31	4,081.79	1,391.57	1,313.54	78.03	17.835		
10,700.00	6,975.05	6,972.94	6,936.32	72.21	15.23	-89.68	276.31	4,081.79	1,433.55	1,356.21	77.33	18.537		
10,800.00	6,974.52	6,971.76	6,935.13	73.81	15.23	-89.63	276.31	4,081.80	1,481.10	1,404.61	76.48	19.365		
10,900.00	6,973.99	6,970.57	6,933.95	75.42	15.23	-89.57	276.31	4,081.81	1,533.70	1,458.18	75.52	20.308		
11,000.00	6,973.46	6,969.38	6,932.76	77.03	15.22	-89.52	276.31	4,081.81	1,590.86	1,516.38	74.48	21.358		
11,100.00	6,972.93	6,968.19	6,931.57	78.65	15.22	-89.47	276.31	4,081.82	1,652.10	1,578.69	73.40	22.507		
11,200.00	6,972.40	6,967.00	6,930.37	80.26	15.22	-89.42	276.31	4,081.83	1,716.98	1,644.67	72.31	23.745		
11,300.00	6,971.87	6,965.80	6,929.18	81.88	15.22	-89.36	276.31	4,081.83	1,785.11	1,713.89	71.21	25.067		
11,400.00	6,971.34	6,964.60	6,927.98	83.50	15.21	-89.31	276.30	4,081.84	1,856.12	1,785.98	70.14	26.464		
11,500.00	6,970.81	6,963.40	6,926.78	85.12	15.21	-89.25	276.30	4,081.85	1,929.70	1,860.61	69.09	27.929		
11,600.00	6,970.28	6,962.19	6,925.57	86.75	15.21	-89.20	276.30	4,081.86	2,005.58	1,937.49	68.08	29.457		
11,700.00	6,969.75	6,960.98	6,924.36	88.37	15.21	-89.15	276.30	4,081.86	2,083.49	2,016.37	67.12	31.042		
11,800.00	6,969.22	6,959.77	6,923.15	90.00	15.20	-89.09	276.30	4,081.87	2,163.21	2,097.02	66.20	32.679		
11,900.00	6,968.69	6,958.56	6,921.94	91.63	15.20	-89.04	276.30	4,081.88	2,244.56	2,179.24	65.32	34.362		
12,000.00	6,968.16	6,957.34	6,920.72	93.26	15.20	-88.98	276.30	4,081.88	2,327.36	2,262.87	64.49	36.088		
12,100.00	6,967.63	6,956.12	6,919.50	94.89	15.20	-88.93	276.30	4,081.89	2,411.47	2,347.76	63.71	37.851		
12,200.00	6,967.10	6,954.90	6,918.28	96.53	15.19	-88.87	276.30	4,081.90	2,496.75	2,433.77	62.97	39.649		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 7500-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,000.00	6,810.10	6,971.56	6,780.45	22.15	18.27	-29.13	-439.56	3,513.62	2,497.42	2,459.24	38.17	65.420		
7,100.00	6,873.81	7,031.92	6,840.81	22.82	18.37	-31.45	-439.39	3,513.50	2,425.11	2,386.36	38.75	62.581		
7,200.00	6,924.94	7,080.75	6,889.64	23.57	18.45	-36.50	-439.18	3,513.43	2,343.82	2,304.54	39.29	59.655		
7,300.00	6,962.24	7,117.70	6,926.59	24.38	18.51	-45.98	-438.98	3,513.39	2,255.55	2,215.78	39.78	56.706		
7,400.00	6,984.78	7,140.91	6,949.80	25.26	18.55	-63.32	-438.86	3,513.36	2,162.44	2,122.24	40.20	53.796		
7,500.07	6,992.00	7,148.26	6,957.15	26.19	18.57	-91.08	-438.83	3,513.35	2,066.71	2,026.16	40.54	50.975		
7,600.00	6,991.48	7,147.58	6,956.47	27.18	18.57	-91.01	-438.83	3,513.35	1,970.80	1,929.93	40.87	48.220		
7,700.00	6,990.95	7,146.90	6,955.79	28.24	18.56	-90.94	-438.84	3,513.35	1,875.25	1,834.01	41.24	45.467		
7,800.00	6,990.42	7,146.22	6,955.11	29.37	18.56	-90.87	-438.84	3,513.36	1,780.19	1,738.52	41.67	42.720		
7,900.00	6,989.89	7,145.55	6,954.44	30.54	18.56	-90.80	-438.84	3,513.36	1,685.70	1,643.53	42.16	39.982		
8,000.00	6,989.36	7,144.87	6,953.76	31.77	18.56	-90.74	-438.85	3,513.36	1,591.88	1,549.15	42.73	37.256		
8,100.00	6,988.83	7,144.20	6,953.09	33.04	18.56	-90.67	-438.85	3,513.36	1,498.85	1,455.47	43.38	34.548		
8,200.00	6,988.30	7,143.52	6,952.41	34.34	18.56	-90.60	-438.85	3,513.36	1,406.79	1,362.64	44.15	31.864		
8,300.00	6,987.77	7,142.85	6,951.74	35.68	18.56	-90.53	-438.85	3,513.36	1,315.89	1,270.84	45.05	29.211		
8,400.00	6,987.24	7,142.18	6,951.07	37.05	18.56	-90.46	-438.86	3,513.36	1,226.40	1,180.30	46.10	26.602		
8,500.00	6,986.71	7,141.51	6,950.40	38.44	18.56	-90.40	-438.86	3,513.36	1,138.66	1,091.31	47.35	24.050		
8,600.00	6,986.18	7,140.84	6,949.73	39.85	18.55	-90.33	-438.86	3,513.36	1,053.11	1,004.29	48.82	21.572		
8,700.00	6,985.65	7,140.17	6,949.06	41.29	18.55	-90.26	-438.87	3,513.36	970.33	919.77	50.56	19.191		
8,800.00	6,985.12	7,139.50	6,948.39	42.74	18.55	-90.19	-438.87	3,513.36	891.08	838.46	52.62	16.935		
8,900.00	6,984.59	7,138.83	6,947.72	44.21	18.55	-90.13	-438.87	3,513.36	816.40	761.38	55.02	14.837		
9,000.00	6,984.06	7,138.17	6,947.06	45.69	18.55	-90.06	-438.88	3,513.37	747.67	689.88	57.78	12.939		
9,100.00	6,983.53	7,137.50	6,946.39	47.19	18.55	-89.99	-438.88	3,513.37	686.65	625.81	60.85	11.285		
9,200.00	6,983.00	7,136.84	6,945.73	48.70	18.55	-89.92	-438.88	3,513.37	635.60	571.56	64.04	9.925		
9,300.00	6,982.47	7,136.17	6,945.06	50.22	18.55	-89.86	-438.88	3,513.37	597.05	530.01	67.04	8.906		
9,400.00	6,981.94	7,135.51	6,944.40	51.74	18.55	-89.79	-438.89	3,513.37	573.55	504.17	69.37	8.268		
9,487.57	6,981.47	7,134.93	6,943.82	53.09	18.54	-89.73	-438.89	3,513.37	566.82	496.33	70.49	8.041 CC, ES		
9,500.00	6,981.41	7,134.85	6,943.74	53.28	18.54	-89.72	-438.89	3,513.37	566.96	496.39	70.57	8.034 SF		
9,600.00	6,980.88	7,134.19	6,943.08	54.83	18.54	-89.66	-438.89	3,513.37	577.86	507.47	70.40	8.209		
9,700.00	6,980.35	7,133.53	6,942.42	56.38	18.54	-89.59	-438.90	3,513.37	605.32	536.33	68.99	8.774		
9,800.00	6,979.82	7,132.87	6,941.76	57.94	18.54	-89.52	-438.90	3,513.37	647.22	580.46	66.76	9.694		
9,900.00	6,979.29	7,132.22	6,941.11	59.51	18.54	-89.46	-438.90	3,513.37	700.98	636.82	64.16	10.926		
10,000.00	6,978.76	7,131.56	6,940.45	61.08	18.54	-89.39	-438.91	3,513.37	764.11	702.58	61.52	12.420		
10,100.00	6,978.23	7,130.90	6,939.79	62.65	18.54	-89.32	-438.91	3,513.37	834.47	775.42	59.05	14.131		
10,200.00	6,977.70	7,130.25	6,939.14	64.24	18.54	-89.26	-438.91	3,513.38	910.39	853.56	56.84	16.018		
10,300.00	6,977.17	7,129.60	6,938.49	65.82	18.54	-89.19	-438.92	3,513.38	990.60	935.70	54.90	18.043		
10,400.00	6,976.64	7,128.94	6,937.83	67.41	18.53	-89.13	-438.92	3,513.38	1,074.14	1,020.90	53.24	20.177		
10,500.00	6,976.11	7,128.29	6,937.18	69.01	18.53	-89.06	-438.92	3,513.38	1,160.28	1,108.47	51.81	22.395		
10,600.00	6,975.58	7,127.64	6,936.53	70.61	18.53	-89.00	-438.93	3,513.38	1,248.49	1,197.89	50.60	24.676		
10,700.00	6,975.05	7,126.99	6,935.88	72.21	18.53	-88.93	-438.93	3,513.38	1,338.36	1,288.80	49.56	27.005		
10,800.00	6,974.52	7,126.34	6,935.23	73.81	18.53	-88.86	-438.93	3,513.38	1,429.57	1,380.89	48.68	29.368		
10,900.00	6,973.99	7,125.70	6,934.59	75.42	18.53	-88.80	-438.94	3,513.38	1,521.89	1,473.97	47.92	31.756		
11,000.00	6,973.46	7,125.05	6,933.94	77.03	18.53	-88.73	-438.94	3,513.38	1,615.12	1,567.84	47.28	34.160		
11,100.00	6,972.93	7,124.40	6,933.29	78.65	18.53	-88.67	-438.94	3,513.38	1,709.12	1,662.39	46.73	36.574		
11,200.00	6,972.40	7,123.76	6,932.65	80.26	18.53	-88.60	-438.94	3,513.38	1,803.76	1,757.51	46.26	38.994		
11,300.00	6,971.87	7,123.12	6,932.00	81.88	18.52	-88.54	-438.95	3,513.38	1,898.96	1,853.10	45.85	41.414		
11,400.00	6,971.34	7,122.47	6,931.36	83.50	18.52	-88.47	-438.95	3,513.38	1,994.62	1,949.11	45.51	43.833		
11,500.00	6,970.81	7,121.83	6,930.72	85.12	18.52	-88.41	-438.95	3,513.38	2,090.69	2,045.48	45.21	46.247		
11,600.00	6,970.28	7,121.19	6,930.08	86.75	18.52	-88.34	-438.96	3,513.39	2,187.11	2,142.16	44.95	48.654		
11,700.00	6,969.75	7,120.55	6,929.44	88.37	18.52	-88.28	-438.96	3,513.39	2,283.84	2,239.10	44.73	51.054		
11,800.00	6,969.22	7,119.91	6,928.80	90.00	18.52	-88.21	-438.96	3,513.39	2,380.84	2,336.29	44.55	53.445		
11,900.00	6,968.69	7,119.27	6,928.16	91.63	18.52	-88.15	-438.97	3,513.39	2,478.07	2,433.68	44.39	55.825		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 7520-SRC Energy_2° CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,000.00	6,989.36	7,144.30	6,976.12	31.77	17.81	-90.85	978.01	3,460.18	2,449.25	2,399.80	49.45	49.531		
8,100.00	6,988.83	7,143.32	6,975.14	33.04	17.81	-90.82	978.02	3,460.19	2,391.98	2,341.27	50.72	47.165		
8,200.00	6,988.30	7,142.33	6,974.15	34.34	17.81	-90.79	978.03	3,460.19	2,337.59	2,285.55	52.05	44.914		
8,300.00	6,987.77	7,141.35	6,973.17	35.68	17.81	-90.76	978.03	3,460.20	2,286.29	2,232.85	53.44	42.786		
8,400.00	6,987.24	7,140.37	6,972.19	37.05	17.81	-90.73	978.04	3,460.20	2,238.28	2,183.40	54.88	40.788		
8,500.00	6,986.71	7,139.39	6,971.21	38.44	17.80	-90.71	978.05	3,460.21	2,193.77	2,137.42	56.36	38.927		
8,600.00	6,986.18	7,138.41	6,970.23	39.85	17.80	-90.68	978.05	3,460.21	2,153.00	2,095.13	57.87	37.207		
8,700.00	6,985.65	7,137.43	6,969.25	41.29	17.80	-90.65	978.06	3,460.22	2,116.16	2,056.77	59.39	35.631		
8,800.00	6,985.12	7,136.45	6,968.27	42.74	17.80	-90.62	978.07	3,460.22	2,083.48	2,022.57	60.92	34.202		
8,900.00	6,984.59	7,135.47	6,967.29	44.21	17.80	-90.59	978.08	3,460.22	2,055.15	1,992.73	62.43	32.920		
9,000.00	6,984.06	7,134.49	6,966.31	45.69	17.80	-90.57	978.08	3,460.23	2,031.36	1,967.45	63.91	31.785		
9,100.00	6,983.53	7,133.52	6,965.34	47.19	17.79	-90.54	978.09	3,460.23	2,012.25	1,946.91	65.34	30.796		
9,200.00	6,983.00	7,132.54	6,964.36	48.70	17.79	-90.51	978.10	3,460.24	1,997.98	1,931.27	66.71	29.950		
9,300.00	6,982.47	7,131.56	6,963.38	50.22	17.79	-90.48	978.11	3,460.24	1,988.63	1,920.63	68.00	29.246		
9,400.00	6,981.94	7,130.58	6,962.40	51.74	17.79	-90.45	978.11	3,460.25	1,984.29	1,915.10	69.19	28.679		
9,436.30	6,981.74	7,130.23	6,962.05	52.30	17.79	-90.44	978.12	3,460.25	1,983.95	1,914.36	69.60	28.506 CC, ES		
9,500.00	6,981.41	7,129.60	6,961.42	53.28	17.79	-90.42	978.12	3,460.25	1,984.98	1,914.70	70.28	28.245		
9,600.00	6,980.88	7,128.63	6,960.45	54.83	17.79	-90.40	978.13	3,460.26	1,990.70	1,919.45	71.25	27.940		
9,700.00	6,980.35	7,127.65	6,959.47	56.38	17.78	-90.37	978.14	3,460.26	2,001.40	1,929.30	72.10	27.759		
9,800.00	6,979.82	7,126.67	6,958.50	57.94	17.78	-90.34	978.14	3,460.27	2,017.01	1,944.19	72.83	27.696 SF		
9,900.00	6,979.29	7,125.70	6,957.52	59.51	17.78	-90.31	978.15	3,460.27	2,037.42	1,963.99	73.43	27.746		
10,000.00	6,978.76	7,124.72	6,956.54	61.08	17.78	-90.28	978.16	3,460.28	2,062.48	1,988.56	73.92	27.903		
10,100.00	6,978.23	7,123.75	6,955.57	62.65	17.78	-90.25	978.17	3,460.28	2,092.02	2,017.73	74.29	28.162		
10,200.00	6,977.70	7,122.77	6,954.59	64.24	17.78	-90.23	978.18	3,460.29	2,125.85	2,051.31	74.55	28.517		
10,300.00	6,977.17	7,121.80	6,953.62	65.82	17.77	-90.20	978.18	3,460.29	2,163.79	2,089.08	74.71	28.963		
10,400.00	6,976.64	7,120.82	6,952.65	67.41	17.77	-90.17	978.19	3,460.30	2,205.61	2,130.83	74.78	29.494		
10,500.00	6,976.11	7,119.85	6,951.67	69.01	17.77	-90.14	978.20	3,460.30	2,251.09	2,176.32	74.77	30.105		
10,600.00	6,975.58	7,118.88	6,950.70	70.61	17.77	-90.11	978.21	3,460.31	2,300.03	2,225.34	74.70	30.792		
10,700.00	6,975.05	7,117.90	6,949.72	72.21	17.77	-90.09	978.21	3,460.31	2,352.20	2,277.64	74.56	31.548		
10,800.00	6,974.52	7,116.93	6,948.75	73.81	17.76	-90.06	978.22	3,460.32	2,407.40	2,333.03	74.37	32.371		
10,900.00	6,973.99	7,115.96	6,947.78	75.42	17.76	-90.03	978.23	3,460.32	2,465.42	2,391.28	74.14	33.254		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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
5N-66W-05 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)													Offset Well Error:	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2" CONE_2.448														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	60.52	586.18	1,036.77	1,191.13					
100.00	100.00	90.60	90.60	3.28	3.28	60.53	585.76	1,036.68	1,190.75	1,183.39	7.36	161.881		
200.00	200.00	185.97	185.97	3.31	3.29	60.54	585.30	1,036.39	1,190.25	1,182.86	7.39	161.066		
300.00	299.98	280.36	280.35	3.35	3.32	-75.56	585.65	1,036.18	1,189.80	1,182.35	7.45	159.624		
400.00	399.84	384.15	384.14	3.41	3.36	-75.86	586.12	1,036.08	1,188.65	1,181.09	7.55	157.377		
500.00	499.45	480.41	480.40	3.49	3.41	-76.33	586.71	1,035.70	1,186.52	1,178.83	7.69	154.325		
600.00	598.70	588.52	588.50	3.61	3.48	-77.04	587.21	1,035.29	1,183.61	1,175.73	7.88	150.283		
700.00	697.47	678.30	678.29	3.76	3.55	-77.81	587.67	1,034.70	1,179.87	1,171.77	8.10	145.686		
800.00	795.62	775.21	775.20	3.96	3.63	-78.80	588.51	1,034.57	1,176.28	1,167.90	8.38	140.342		
900.00	893.37	879.43	879.40	4.21	3.74	-79.91	589.41	1,034.06	1,172.35	1,163.63	8.72	134.369		
1,000.00	991.11	974.70	974.66	4.48	3.84	-80.95	590.39	1,033.12	1,168.52	1,159.42	9.10	128.408		
1,100.00	1,088.85	1,071.90	1,071.85	4.78	3.95	-82.02	591.72	1,032.21	1,165.35	1,155.83	9.51	122.514		
1,200.00	1,186.59	1,162.53	1,162.47	5.10	4.07	-83.04	593.26	1,031.29	1,162.75	1,152.81	9.94	116.920		
1,300.00	1,284.33	1,265.52	1,265.43	5.44	4.20	-84.20	595.18	1,030.67	1,161.03	1,150.61	10.42	111.443		
1,400.00	1,382.08	1,358.99	1,358.88	5.80	4.33	-85.26	596.68	1,029.55	1,159.13	1,148.23	10.90	106.344		
1,500.00	1,479.82	1,455.87	1,455.74	6.16	4.47	-86.37	598.67	1,028.94	1,158.40	1,146.99	11.40	101.581		
1,600.00	1,577.56	1,563.20	1,563.05	6.54	4.63	-87.59	600.47	1,027.64	1,157.44	1,145.50	11.94	96.957		
1,700.00	1,675.30	1,674.92	1,674.75	6.92	4.81	-88.85	601.32	1,025.74	1,156.01	1,143.52	12.49	92.551		
1,800.00	1,773.04	1,773.37	1,773.18	7.31	4.97	-89.96	601.38	1,023.51	1,154.15	1,141.11	13.03	88.544		
1,900.00	1,870.78	1,863.89	1,863.66	7.53	5.11	-91.01	602.00	1,021.38	1,153.09	1,139.90	13.19	86.473		
1,943.54	1,913.34	1,902.81	1,902.57	7.55	5.18	-91.47	602.54	1,020.44	1,152.98	1,139.71	13.27	86.877	CC	
2,000.00	1,968.53	1,956.22	1,955.96	7.58	5.27	-92.10	603.46	1,019.15	1,153.10	1,139.71	13.39	86.137	ES	
2,100.00	2,066.27	2,047.65	2,047.34	7.65	5.43	-93.20	605.25	1,017.01	1,153.92	1,140.32	13.61	84.813		
2,200.00	2,164.01	2,136.91	2,136.57	7.74	5.58	-94.26	607.37	1,015.40	1,155.89	1,142.05	13.84	83.518		
2,300.00	2,261.75	2,227.21	2,226.82	7.84	5.74	-95.32	609.84	1,014.25	1,158.96	1,144.86	14.09	82.226		
2,400.00	2,359.49	2,318.67	2,318.25	7.96	5.91	-96.36	612.34	1,013.86	1,163.02	1,148.65	14.37	80.938		
2,500.00	2,457.23	2,413.07	2,412.61	8.10	6.08	-97.42	615.11	1,013.88	1,167.96	1,153.30	14.67	79.634		
2,600.00	2,554.98	2,517.65	2,517.14	8.26	6.27	-98.61	618.21	1,013.14	1,172.93	1,157.93	15.00	78.198		
2,700.00	2,652.72	2,604.10	2,603.55	8.42	6.43	-99.58	620.90	1,012.81	1,178.67	1,163.36	15.31	76.979		
2,800.00	2,750.46	2,703.87	2,703.25	8.61	6.62	-100.69	624.28	1,012.59	1,185.16	1,169.50	15.66	75.660		
2,900.00	2,848.20	2,799.60	2,798.93	8.80	6.80	-101.76	627.74	1,011.99	1,192.05	1,176.03	16.02	74.404		
3,000.00	2,945.94	2,902.39	2,901.64	9.01	7.00	-102.92	631.49	1,010.92	1,199.21	1,182.81	16.40	73.103		
3,100.00	3,043.68	2,999.84	2,999.01	9.22	7.18	-104.03	635.14	1,009.27	1,206.58	1,189.79	16.79	71.877		
3,200.00	3,141.43	3,098.31	3,097.37	9.45	7.38	-105.17	639.08	1,007.00	1,214.32	1,197.14	17.18	70.682		
3,300.00	3,239.17	3,191.80	3,190.75	9.69	7.56	-106.26	643.05	1,004.55	1,222.61	1,205.04	17.57	69.578		
3,400.00	3,336.91	3,281.68	3,280.51	9.93	7.74	-107.29	647.15	1,002.40	1,231.76	1,213.80	17.96	68.570		
3,500.00	3,434.65	3,391.72	3,390.39	10.19	7.95	-108.54	652.16	999.54	1,241.30	1,222.89	18.41	67.440		
3,600.00	3,532.39	3,490.11	3,488.66	10.45	8.15	-109.65	656.01	996.43	1,250.51	1,231.69	18.83	66.413		
3,700.00	3,630.13	3,589.70	3,588.15	10.72	8.35	-110.72	659.51	993.83	1,260.06	1,240.80	19.26	65.416		
3,800.00	3,727.87	3,680.90	3,679.28	11.00	8.53	-111.68	662.58	991.89	1,270.09	1,250.41	19.68	64.527		
3,900.00	3,825.62	3,789.47	3,787.77	11.28	8.75	-112.79	666.18	989.51	1,280.48	1,260.34	20.15	63.557		
4,000.00	3,923.36	3,888.55	3,886.77	11.57	8.95	-113.81	668.91	986.78	1,290.55	1,269.96	20.59	62.666		
4,100.00	4,021.10	3,998.46	3,996.60	11.86	9.18	-114.93	671.46	983.48	1,300.55	1,279.49	21.07	61.732		
4,200.00	4,118.84	4,108.85	4,106.90	12.16	9.40	-116.05	673.12	979.21	1,309.91	1,288.37	21.54	60.803		
4,300.00	4,216.58	4,193.41	4,191.36	12.46	9.57	-116.92	674.58	975.51	1,319.70	1,297.74	21.97	60.072		
4,400.00	4,314.32	4,287.24	4,285.07	12.77	9.76	-117.89	676.72	971.32	1,330.41	1,308.00	22.42	59.352		
4,500.00	4,412.07	4,381.26	4,378.98	13.08	9.96	-118.83	678.97	967.35	1,341.70	1,318.83	22.87	58.676		
4,600.00	4,509.81	4,466.91	4,464.53	13.39	10.13	-119.67	681.33	964.04	1,353.81	1,330.51	23.30	58.102		
4,700.00	4,607.55	4,556.02	4,553.54	13.71	10.32	-120.51	684.40	961.14	1,367.09	1,343.34	23.75	57.572		
4,800.00	4,705.29	4,652.16	4,649.60	14.03	10.52	-121.37	687.75	958.90	1,380.96	1,356.75	24.21	57.038		
4,900.00	4,803.03	4,749.97	4,747.33	14.35	10.72	-122.21	691.03	956.83	1,395.07	1,370.39	24.68	56.518		
5,000.00	4,900.77	4,845.43	4,842.73	14.68	10.92	-123.01	694.15	955.15	1,409.49	1,384.34	25.15	56.036		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,940.60	4,937.83	15.01	11.11	-123.78	697.41	953.55	1,424.34	1,398.72	25.62	55.586		
5,200.00	5,096.26	5,040.81	5,037.97	15.34	11.32	-124.59	700.84	951.85	1,439.46	1,413.35	26.11	55.131		
5,300.00	5,194.00	5,139.98	5,137.08	15.67	11.53	-125.36	703.84	950.20	1,454.45	1,427.86	26.59	54.690		
5,400.00	5,291.74	5,240.40	5,237.42	16.01	11.74	-126.14	707.09	948.11	1,469.86	1,442.78	27.08	54.273		
5,500.00	5,389.48	5,359.93	5,356.88	16.35	11.99	-127.08	709.73	944.87	1,484.44	1,456.82	27.62	53.749		
5,600.00	5,487.22	5,457.81	5,454.69	16.69	12.20	-127.84	710.97	941.62	1,498.29	1,470.19	28.10	53.322		
5,700.00	5,584.96	5,551.01	5,547.82	17.03	12.39	-128.57	712.59	938.29	1,512.83	1,484.26	28.57	52.953		
5,800.00	5,682.71	5,645.05	5,641.76	17.37	12.59	-129.31	714.32	934.32	1,527.68	1,498.64	29.04	52.602		
5,900.00	5,780.45	5,738.70	5,735.29	17.72	12.78	-130.05	716.41	930.16	1,543.14	1,513.63	29.51	52.285		
6,000.00	5,878.19	5,841.72	5,838.17	18.06	13.00	-130.86	718.56	925.17	1,558.73	1,528.72	30.01	51.940		
6,100.00	5,975.93	5,944.63	5,940.95	18.41	13.22	-131.65	720.19	920.27	1,574.09	1,543.59	30.51	51.599		
6,200.00	6,073.67	6,045.98	6,042.17	18.76	13.43	-132.41	721.56	915.41	1,589.50	1,558.50	31.00	51.275		
6,300.00	6,171.41	6,141.24	6,137.31	19.11	13.63	-133.12	722.56	910.59	1,604.86	1,573.38	31.48	50.984		
6,400.00	6,269.16	6,231.02	6,226.96	19.46	13.82	-133.78	723.98	905.90	1,620.98	1,589.04	31.94	50.746		
6,500.00	6,366.90	6,328.11	6,323.88	19.81	14.03	-134.50	725.52	900.45	1,637.36	1,604.93	32.43	50.493		
6,600.00	6,464.63	6,422.37	6,417.96	20.17	14.22	-132.27	727.30	895.04	1,654.26	1,621.36	32.90	50.275		
6,700.00	6,560.49	6,533.43	6,528.85	20.55	14.46	-114.36	728.57	888.88	1,670.51	1,637.07	33.44	49.954		
6,800.00	6,651.48	6,618.47	6,613.74	21.01	14.64	-106.54	729.22	884.03	1,686.69	1,652.73	33.96	49.668		
6,900.00	6,735.38	6,682.59	6,677.75	21.54	14.77	-102.18	730.15	880.33	1,704.36	1,669.89	34.47	49.444		
7,000.00	6,810.10	6,741.11	6,736.16	22.15	14.90	-99.35	731.52	876.99	1,724.29	1,689.27	35.01	49.244		
7,100.00	6,873.81	6,791.01	6,785.97	22.82	15.00	-97.11	732.99	874.24	1,746.87	1,711.29	35.58	49.093		
7,200.00	6,924.94	6,830.45	6,825.32	23.57	15.09	-94.93	734.35	872.12	1,772.47	1,736.31	36.17	49.009 SF		
7,300.00	6,962.24	6,858.00	6,852.82	24.38	15.15	-92.50	735.39	870.66	1,801.22	1,764.47	36.75	49.015		
7,400.00	6,984.78	6,872.85	6,867.64	25.26	15.18	-89.68	735.98	869.89	1,832.92	1,795.61	37.31	49.129		
7,500.07	6,992.00	6,874.57	6,869.35	26.19	15.18	-86.42	736.05	869.80	1,867.04	1,829.22	37.82	49.363		
7,600.00	6,991.48	6,869.63	6,864.42	27.18	15.17	-86.26	735.85	870.05	1,904.34	1,866.03	38.31	49.706		
7,700.00	6,990.95	6,864.67	6,859.47	28.24	15.16	-86.10	735.65	870.31	1,946.07	1,907.28	38.79	50.165		
7,800.00	6,990.42	6,859.68	6,854.49	29.37	15.15	-85.94	735.45	870.57	1,991.94	1,952.68	39.26	50.737		
7,900.00	6,989.89	6,854.66	6,849.48	30.54	15.14	-85.77	735.26	870.84	2,041.66	2,001.96	39.71	51.419		
8,000.00	6,989.36	6,849.62	6,844.45	31.77	15.13	-85.61	735.06	871.10	2,094.97	2,054.84	40.13	52.205		
8,100.00	6,988.83	6,844.55	6,839.39	33.04	15.12	-85.44	734.87	871.37	2,151.60	2,111.07	40.53	53.089		
8,200.00	6,988.30	6,839.46	6,834.31	34.34	15.11	-85.27	734.68	871.64	2,211.28	2,170.38	40.90	54.065		
8,300.00	6,987.77	6,834.34	6,829.20	35.68	15.10	-85.11	734.49	871.91	2,273.78	2,232.54	41.25	55.126		
8,400.00	6,987.24	6,829.19	6,824.07	37.05	15.09	-84.94	734.30	872.18	2,338.88	2,297.31	41.57	56.265		
8,500.00	6,986.71	6,824.02	6,818.90	38.44	15.08	-84.77	734.11	872.46	2,406.36	2,364.50	41.87	57.476		
8,600.00	6,986.18	6,818.82	6,813.71	39.85	15.06	-84.60	733.93	872.74	2,476.03	2,433.89	42.14	58.753		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.54	1.46	-179.85	179.86					
100.00	100.00	102.00	102.00	3.28	3.28	-89.54	1.46	-179.85	179.86	172.33	7.53	23.888		
200.00	200.00	202.00	202.00	3.31	3.31	-89.54	1.46	-179.85	179.86	172.28	7.57	23.745	CC, ES	
300.00	299.98	302.10	302.10	3.35	3.35	134.84	1.46	-179.85	181.08	173.42	7.66	23.639		
400.00	399.84	408.10	408.07	3.41	3.42	136.31	2.26	-177.98	183.08	175.29	7.78	23.518		
500.00	499.45	513.78	513.58	3.49	3.52	139.06	4.61	-172.53	184.52	176.57	7.95	23.215		
600.00	598.70	618.89	618.23	3.61	3.64	143.05	8.46	-163.56	185.97	177.81	8.16	22.803		
700.00	697.47	723.16	721.62	3.76	3.78	148.19	13.77	-151.19	188.25	179.84	8.41	22.379		
800.00	795.62	826.34	823.38	3.96	3.96	154.31	20.49	-135.55	192.39	183.66	8.72	22.054		
900.00	893.37	927.93	922.91	4.21	4.18	161.03	28.51	-116.89	198.18	189.08	9.10	21.786		
1,000.00	991.11	1,025.01	1,017.75	4.48	4.43	167.35	36.70	-97.82	205.67	196.14	9.53	21.575		
1,100.00	1,088.85	1,122.09	1,112.58	4.78	4.70	173.18	44.90	-78.74	215.59	205.58	10.01	21.534		
1,200.00	1,186.59	1,219.17	1,207.42	5.10	4.99	178.47	53.10	-59.66	227.61	217.08	10.53	21.617		
1,300.00	1,284.33	1,316.25	1,302.25	5.44	5.29	-176.79	61.29	-40.58	241.43	230.34	11.08	21.784		
1,400.00	1,382.08	1,413.33	1,397.09	5.80	5.62	-172.56	69.49	-21.50	256.74	245.07	11.67	22.006		
1,500.00	1,479.82	1,510.41	1,491.92	6.16	5.95	-168.82	77.68	-2.43	273.31	261.03	12.28	22.259		
1,600.00	1,577.56	1,607.49	1,586.76	6.54	6.30	-165.50	85.88	16.65	290.91	277.99	12.91	22.528		
1,700.00	1,675.30	1,704.58	1,681.59	6.92	6.65	-162.56	94.08	35.73	309.37	295.80	13.57	22.801		
1,800.00	1,773.04	1,801.66	1,776.43	7.31	7.01	-159.95	102.27	54.81	328.54	314.30	14.24	23.076		
1,900.00	1,870.78	1,901.26	1,871.26	7.53	7.21	-157.63	110.47	73.88	348.31	334.06	14.25	24.439		
2,000.00	1,968.53	2,004.18	1,966.10	7.58	7.26	-155.55	118.67	92.96	368.58	354.22	14.36	25.668		
2,100.00	2,066.27	2,107.10	2,060.93	7.65	7.34	-153.69	126.86	112.04	389.28	374.78	14.50	26.845		
2,200.00	2,164.01	2,189.98	2,155.76	7.74	7.41	-152.02	135.06	131.12	410.33	395.67	14.66	27.996		
2,300.00	2,261.75	2,287.06	2,250.60	7.84	7.50	-150.51	143.26	150.20	431.69	416.83	14.85	29.063		
2,400.00	2,359.49	2,384.14	2,345.43	7.96	7.62	-149.14	151.45	169.27	453.31	438.23	15.08	30.060		
2,500.00	2,457.23	2,481.22	2,440.27	8.10	7.75	-147.89	159.65	188.35	475.16	459.82	15.34	30.984		
2,600.00	2,554.98	2,578.31	2,535.10	8.26	7.89	-146.76	167.84	207.43	497.20	481.58	15.62	31.836		
2,700.00	2,652.72	2,675.39	2,629.94	8.42	8.04	-145.72	176.04	226.51	519.42	503.49	15.93	32.616		
2,800.00	2,750.46	2,772.47	2,724.77	8.61	8.21	-144.76	184.24	245.59	541.78	525.53	16.26	33.324		
2,900.00	2,848.20	2,869.55	2,819.61	8.80	8.39	-143.88	192.43	264.66	564.28	547.67	16.61	33.965		
3,000.00	2,945.94	2,966.63	2,914.44	9.01	8.58	-143.07	200.63	283.74	586.90	569.91	16.99	34.542		
3,100.00	3,043.68	3,063.71	3,009.28	9.22	8.78	-142.31	208.83	302.82	609.62	592.24	17.39	35.059		
3,200.00	3,141.43	3,160.79	3,104.11	9.45	8.99	-141.62	217.02	321.90	632.44	614.63	17.81	35.520		
3,300.00	3,239.17	3,257.87	3,198.95	9.69	9.21	-140.96	225.22	340.97	655.34	637.10	18.24	35.929		
3,400.00	3,336.91	3,354.96	3,293.78	9.93	9.44	-140.36	233.41	360.05	678.31	659.62	18.69	36.291		
3,500.00	3,434.65	3,452.04	3,388.62	10.19	9.68	-139.79	241.61	379.13	701.35	682.20	19.16	36.610		
3,600.00	3,532.39	3,549.12	3,483.45	10.45	9.92	-139.26	249.81	398.21	724.46	704.82	19.64	36.890		
3,700.00	3,630.13	3,646.20	3,578.28	10.72	10.17	-138.76	258.00	417.29	747.62	727.48	20.13	37.135		
3,800.00	3,727.87	3,743.28	3,673.12	11.00	10.43	-138.29	266.20	436.36	770.82	750.19	20.64	37.348		
3,900.00	3,825.62	3,840.36	3,767.95	11.28	10.69	-137.85	274.40	455.44	794.08	772.92	21.16	37.532		
4,000.00	3,923.36	3,937.44	3,862.79	11.57	10.96	-137.44	282.59	474.52	817.38	795.69	21.69	37.692		
4,100.00	4,021.10	4,034.52	3,957.62	11.86	11.23	-137.04	290.79	493.60	840.71	818.49	22.22	37.828		
4,200.00	4,118.84	4,131.60	4,052.46	12.16	11.51	-136.67	298.99	512.68	864.08	841.31	22.77	37.944		
4,300.00	4,216.58	4,228.69	4,147.29	12.46	11.79	-136.32	307.18	531.75	887.49	864.16	23.33	38.042		
4,400.00	4,314.32	4,325.77	4,242.13	12.77	12.07	-135.98	315.38	550.83	910.92	887.03	23.89	38.124		
4,500.00	4,412.07	4,422.85	4,336.96	13.08	12.36	-135.67	323.57	569.91	934.38	909.92	24.47	38.192		
4,600.00	4,509.81	4,519.93	4,431.80	13.39	12.65	-135.36	331.77	588.99	957.87	932.83	25.04	38.247		
4,700.00	4,607.55	4,617.01	4,526.63	13.71	12.95	-135.08	339.97	608.06	981.38	955.75	25.63	38.291		
4,800.00	4,705.29	4,714.09	4,621.47	14.03	13.25	-134.80	348.16	627.14	1,004.92	978.70	26.22	38.325		
4,900.00	4,803.03	4,811.17	4,716.30	14.35	13.55	-134.54	356.36	646.22	1,028.47	1,001.66	26.82	38.350		
5,000.00	4,900.77	4,908.25	4,811.13	14.68	13.85	-134.29	364.56	665.30	1,052.05	1,024.63	27.42	38.367		
5,100.00	4,998.52	5,005.34	4,905.97	15.01	14.16	-134.05	372.75	684.38	1,075.64	1,047.61	28.03	38.378		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,200.00	5,096.26	5,102.42	5,000.80	15.34	14.47	-133.82	380.95	703.45	1,099.25	1,070.61	28.64	38.382		
5,300.00	5,194.00	5,199.50	5,095.64	15.67	14.78	-133.60	389.14	722.53	1,122.88	1,093.62	29.26	38.381		
5,400.00	5,291.74	5,303.42	5,190.47	16.01	15.12	-133.39	397.34	741.61	1,146.52	1,116.62	29.90	38.347		
5,500.00	5,389.48	5,406.34	5,285.31	16.35	15.45	-133.19	405.54	760.69	1,170.17	1,139.63	30.54	38.314		
5,600.00	5,487.22	5,509.26	5,380.14	16.69	15.79	-133.00	413.73	779.76	1,193.84	1,162.65	31.19	38.278		
5,700.00	5,584.96	5,587.82	5,474.98	17.03	16.05	-132.81	421.93	798.84	1,217.52	1,185.76	31.76	38.335		
5,800.00	5,682.71	5,684.90	5,569.81	17.37	16.37	-132.63	430.13	817.92	1,241.21	1,208.82	32.39	38.316		
5,900.00	5,780.45	5,781.98	5,664.65	17.72	16.69	-132.46	438.32	837.00	1,264.91	1,231.88	33.03	38.294		
6,000.00	5,878.19	5,879.07	5,759.48	18.06	17.01	-132.29	446.52	856.08	1,288.63	1,254.95	33.67	38.269		
6,100.00	5,975.93	5,976.15	5,854.32	18.41	17.34	-132.13	454.72	875.15	1,312.35	1,278.03	34.32	38.243		
6,200.00	6,073.67	6,073.23	5,949.15	18.76	17.66	-131.98	462.91	894.23	1,336.08	1,301.12	34.96	38.216		
6,300.00	6,171.41	6,170.31	6,043.98	19.11	17.99	-131.83	471.11	913.31	1,359.82	1,324.21	35.61	38.187		
6,400.00	6,269.16	6,267.39	6,138.82	19.46	18.32	-131.69	479.30	932.39	1,383.57	1,347.31	36.26	38.157		
6,500.00	6,366.90	6,364.47	6,233.65	19.81	18.65	-131.55	487.50	951.47	1,407.33	1,370.42	36.91	38.125		
6,600.00	6,464.63	6,461.56	6,328.49	20.17	18.98	-128.44	495.70	970.54	1,431.09	1,393.52	37.57	38.094		
6,700.00	6,562.49	6,558.62	6,423.31	20.55	19.31	-109.03	503.89	989.62	1,453.91	1,415.66	38.24	38.016		
6,800.00	6,651.48	6,653.93	6,516.41	21.01	19.63	-100.32	511.94	1,008.35	1,474.95	1,435.97	38.98	37.843		
6,900.00	6,735.38	6,745.13	6,605.50	21.54	19.95	-95.86	519.64	1,026.27	1,494.33	1,454.57	39.75	37.593		
7,000.00	6,810.10	6,829.97	6,688.38	22.15	20.24	-93.48	526.80	1,042.94	1,512.58	1,472.02	40.56	37.292		
7,100.00	6,873.81	6,906.37	6,763.01	22.82	20.50	-92.19	533.25	1,057.96	1,530.53	1,489.14	41.39	36.976		
7,200.00	6,924.94	6,987.28	6,841.39	23.57	20.80	-91.76	540.05	1,076.67	1,548.92	1,506.57	42.34	36.579		
7,300.00	6,962.24	7,083.98	6,931.14	24.38	21.26	-92.10	547.94	1,111.53	1,567.45	1,523.89	43.57	35.979		
7,400.00	6,984.78	7,201.81	7,031.81	25.26	21.95	-93.23	556.96	1,171.78	1,585.63	1,540.48	45.15	35.118		
7,500.07	6,992.00	7,356.72	7,144.21	26.19	23.12	-95.40	567.34	1,277.32	1,602.43	1,555.10	47.33	33.857		
7,600.00	6,991.48	7,585.42	7,256.24	27.18	25.30	-99.37	578.43	1,474.97	1,615.46	1,564.75	50.70	31.862		
7,700.00	6,990.95	7,829.36	7,291.94	28.24	28.03	-100.64	583.38	1,714.83	1,619.41	1,564.68	54.73	29.588		
7,800.00	6,990.42	7,929.36	7,291.72	29.37	29.21	-100.64	584.16	1,814.82	1,620.10	1,563.01	57.10	28.375		
7,900.00	6,989.89	8,029.36	7,291.50	30.54	30.44	-100.65	584.94	1,914.82	1,620.79	1,561.24	59.55	27.218		
8,000.00	6,989.36	8,129.35	7,291.27	31.77	31.71	-100.66	585.72	2,014.81	1,621.48	1,559.40	62.08	26.119		
8,100.00	6,988.83	8,229.35	7,291.05	33.04	33.01	-100.66	586.50	2,114.81	1,622.17	1,557.49	64.68	25.079		
8,200.00	6,988.30	8,329.35	7,290.83	34.34	34.35	-100.67	587.29	2,214.80	1,622.87	1,555.52	67.35	24.097		
8,300.00	6,987.77	8,429.35	7,290.60	35.68	35.71	-100.68	588.07	2,314.80	1,623.56	1,553.49	70.06	23.172		
8,400.00	6,987.24	8,529.34	7,290.38	37.05	37.10	-100.68	588.85	2,414.79	1,624.25	1,551.42	72.83	22.300		
8,500.00	6,986.71	8,629.34	7,290.16	38.44	38.51	-100.69	589.63	2,514.78	1,624.94	1,549.30	75.64	21.483		
8,600.00	6,986.18	8,729.34	7,289.93	39.85	39.94	-100.70	590.41	2,614.78	1,625.63	1,547.14	78.49	20.712		
8,700.00	6,985.65	8,829.34	7,289.71	41.29	41.39	-100.70	591.20	2,714.77	1,626.32	1,544.95	81.37	19.987		
8,800.00	6,985.12	8,929.33	7,289.49	42.74	42.85	-100.71	591.98	2,814.77	1,627.01	1,542.73	84.28	19.305		
8,900.00	6,984.59	9,029.33	7,289.26	44.21	44.33	-100.72	592.76	2,914.76	1,627.70	1,540.49	87.22	18.662		
9,000.00	6,984.06	9,129.33	7,289.04	45.69	45.82	-100.72	593.54	3,014.75	1,628.40	1,538.21	90.18	18.057		
9,100.00	6,983.53	9,229.33	7,288.82	47.19	47.32	-100.73	594.33	3,114.75	1,629.09	1,535.92	93.17	17.485		
9,200.00	6,983.00	9,329.32	7,288.59	48.70	48.84	-100.73	595.11	3,214.74	1,629.78	1,533.60	96.18	16.946		
9,300.00	6,982.47	9,429.32	7,288.37	50.22	50.36	-100.74	595.89	3,314.74	1,630.47	1,531.27	99.20	16.436		
9,400.00	6,981.94	9,529.32	7,288.15	51.74	51.90	-100.75	596.67	3,414.73	1,631.16	1,528.92	102.24	15.954		
9,500.00	6,981.41	9,629.32	7,287.92	53.28	53.44	-100.75	597.45	3,514.73	1,631.85	1,526.55	105.30	15.497		
9,600.00	6,980.88	9,729.31	7,287.70	54.83	54.99	-100.76	598.24	3,614.72	1,632.54	1,524.17	108.37	15.064		
9,700.00	6,980.35	9,829.31	7,287.48	56.38	56.54	-100.77	599.02	3,714.71	1,633.23	1,521.78	111.45	14.654		
9,800.00	6,979.82	9,929.31	7,287.25	57.94	58.11	-100.77	599.80	3,814.71	1,633.93	1,519.37	114.55	14.264		
9,900.00	6,979.29	10,029.31	7,287.03	59.51	59.67	-100.78	600.58	3,914.70	1,634.62	1,516.96	117.66	13.893		
10,000.00	6,978.76	10,129.30	7,286.81	61.08	61.25	-100.78	601.36	4,014.70	1,635.31	1,514.53	120.77	13.540		
10,100.00	6,978.23	10,229.30	7,286.58	62.65	62.83	-100.79	602.15	4,114.69	1,636.00	1,512.10	123.90	13.204		
10,200.00	6,977.70	10,329.30	7,286.36	64.24	64.41	-100.80	602.93	4,214.68	1,636.69	1,509.66	127.03	12.884		
10,300.00	6,977.17	10,429.30	7,286.14	65.82	66.00	-100.80	603.71	4,314.68	1,637.38	1,507.21	130.18	12.578		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	6,976.64	10,529.29	7,285.92	67.41	67.59	-100.81	604.49	4,414.67	1,638.07	1,504.75	133.33	12.286		
10,500.00	6,976.11	10,629.29	7,285.69	69.01	69.19	-100.82	605.27	4,514.67	1,638.77	1,502.28	136.48	12.007		
10,600.00	6,975.58	10,729.29	7,285.47	70.61	70.79	-100.82	606.06	4,614.66	1,639.46	1,499.81	139.65	11.740		
10,700.00	6,975.05	10,829.28	7,285.25	72.21	72.39	-100.83	606.84	4,714.65	1,640.15	1,497.33	142.81	11.484		
10,800.00	6,974.52	10,929.28	7,285.02	73.81	73.99	-100.84	607.62	4,814.65	1,640.84	1,494.85	145.99	11.240		
10,900.00	6,973.99	11,029.28	7,284.80	75.42	75.60	-100.84	608.40	4,914.64	1,641.53	1,492.36	149.17	11.005		
11,000.00	6,973.46	11,129.28	7,284.58	77.03	77.21	-100.85	609.19	5,014.64	1,642.22	1,489.87	152.35	10.779		
11,100.00	6,972.93	11,229.27	7,284.35	78.65	78.83	-100.85	609.97	5,114.63	1,642.92	1,487.37	155.54	10.563		
11,200.00	6,972.40	11,329.27	7,284.13	80.26	80.44	-100.86	610.75	5,214.63	1,643.61	1,484.87	158.73	10.354		
11,300.00	6,971.87	11,429.27	7,283.91	81.88	82.06	-100.87	611.53	5,314.62	1,644.30	1,482.37	161.93	10.154		
11,400.00	6,971.34	11,529.27	7,283.68	83.50	83.68	-100.87	612.31	5,414.61	1,644.99	1,479.86	165.13	9.962		
11,500.00	6,970.81	11,629.26	7,283.46	85.12	85.30	-100.88	613.10	5,514.61	1,645.68	1,477.35	168.34	9.776		
11,600.00	6,970.28	11,729.26	7,283.24	86.75	86.93	-100.89	613.88	5,614.60	1,646.37	1,474.83	171.54	9.597		
11,700.00	6,969.75	11,829.26	7,283.01	88.37	88.55	-100.89	614.66	5,714.60	1,647.07	1,472.31	174.75	9.425		
11,800.00	6,969.22	11,929.26	7,282.79	90.00	90.18	-100.90	615.44	5,814.59	1,647.76	1,469.79	177.97	9.259		
11,900.00	6,968.69	12,029.25	7,282.57	91.63	91.81	-100.90	616.22	5,914.58	1,648.45	1,467.27	181.18	9.098		
12,000.00	6,968.16	12,129.25	7,282.34	93.26	93.44	-100.91	617.01	6,014.58	1,649.14	1,464.74	184.40	8.943		
12,100.00	6,967.63	12,229.25	7,282.12	94.89	95.07	-100.92	617.79	6,114.57	1,649.83	1,462.21	187.62	8.793		
12,200.00	6,967.10	12,329.25	7,281.90	96.53	96.71	-100.92	618.57	6,214.57	1,650.52	1,459.68	190.85	8.648		
12,300.00	6,966.57	12,429.24	7,281.67	98.16	98.34	-100.93	619.35	6,314.56	1,651.22	1,457.14	194.07	8.508		
12,400.00	6,966.04	12,529.24	7,281.45	99.80	99.98	-100.94	620.14	6,414.56	1,651.91	1,454.61	197.30	8.372		
12,500.00	6,965.51	12,629.24	7,281.23	101.44	101.62	-100.94	620.92	6,514.55	1,652.60	1,452.07	200.53	8.241		
12,600.00	6,964.98	12,729.24	7,281.00	103.08	103.25	-100.95	621.70	6,614.54	1,653.29	1,449.53	203.77	8.114		
12,700.00	6,964.45	12,829.23	7,280.78	104.72	104.89	-100.95	622.48	6,714.54	1,653.98	1,446.98	207.00	7.990		
12,800.00	6,963.92	12,929.23	7,280.56	106.36	106.53	-100.96	623.26	6,814.53	1,654.68	1,444.44	210.24	7.871		
12,900.00	6,963.39	13,029.23	7,280.33	108.00	108.18	-100.97	624.05	6,914.53	1,655.37	1,441.90	213.47	7.754		
13,000.00	6,962.86	13,129.23	7,280.11	109.64	109.82	-100.97	624.83	7,014.52	1,656.06	1,439.35	216.71	7.642		
13,100.00	6,962.33	13,229.22	7,279.89	111.28	111.46	-100.98	625.61	7,114.51	1,656.75	1,436.80	219.95	7.532		
13,200.00	6,961.80	13,329.22	7,279.66	112.93	113.10	-100.98	626.39	7,214.51	1,657.44	1,434.25	223.19	7.426		
13,300.00	6,961.27	13,429.22	7,279.44	114.57	114.75	-100.99	627.17	7,314.50	1,658.14	1,431.70	226.44	7.323		
13,400.00	6,960.74	13,529.22	7,279.22	116.22	116.40	-101.00	627.96	7,414.50	1,658.83	1,429.15	229.68	7.222		
13,500.00	6,960.21	13,629.21	7,279.00	117.87	118.04	-101.00	628.74	7,514.49	1,659.52	1,426.59	232.93	7.125		
13,600.00	6,959.68	13,729.21	7,278.77	119.51	119.69	-101.01	629.52	7,614.48	1,660.21	1,424.04	236.17	7.030		
13,700.00	6,959.15	13,829.21	7,278.55	121.16	121.34	-101.02	630.30	7,714.48	1,660.90	1,421.48	239.42	6.937		
13,800.00	6,958.62	13,929.21	7,278.33	122.81	122.98	-101.02	631.08	7,814.47	1,661.60	1,418.92	242.67	6.847		
13,900.00	6,958.09	14,029.20	7,278.10	124.46	124.63	-101.03	631.87	7,914.47	1,662.29	1,416.37	245.92	6.759		
14,000.00	6,957.56	14,129.20	7,277.88	126.11	126.28	-101.03	632.65	8,014.46	1,662.98	1,413.81	249.17	6.674		
14,100.00	6,957.03	14,229.20	7,277.66	127.76	127.93	-101.04	633.43	8,114.46	1,663.67	1,411.25	252.43	6.591		
14,200.00	6,956.50	14,329.20	7,277.43	129.41	129.58	-101.05	634.21	8,214.45	1,664.37	1,408.69	255.68	6.510		
14,300.00	6,955.97	14,429.19	7,277.21	131.07	131.23	-101.05	635.00	8,314.44	1,665.06	1,406.13	258.93	6.430		
14,400.00	6,955.44	14,529.19	7,276.99	132.72	132.89	-101.06	635.78	8,414.44	1,665.75	1,403.56	262.19	6.353		
14,500.00	6,954.91	14,629.19	7,276.76	134.37	134.54	-101.06	636.56	8,514.43	1,666.44	1,401.00	265.44	6.278		
14,600.00	6,954.38	14,729.19	7,276.54	136.02	136.19	-101.07	637.34	8,614.43	1,667.13	1,398.44	268.70	6.204		
14,700.00	6,953.85	14,829.18	7,276.32	137.68	137.84	-101.08	638.12	8,714.42	1,667.83	1,395.87	271.96	6.133		
14,800.00	6,953.32	14,929.18	7,276.09	139.33	139.50	-101.08	638.91	8,814.41	1,668.52	1,393.30	275.21	6.063		
14,900.00	6,952.79	15,029.18	7,275.87	140.99	141.15	-101.09	639.69	8,914.41	1,669.21	1,390.74	278.47	5.994		
15,000.00	6,952.26	15,129.18	7,275.65	142.64	142.81	-101.09	640.47	9,014.40	1,669.90	1,388.17	281.73	5.927		
15,100.00	6,951.73	15,229.17	7,275.42	144.30	144.46	-101.10	641.25	9,114.40	1,670.60	1,385.60	284.99	5.862		
15,200.00	6,951.20	15,329.17	7,275.20	145.95	146.12	-101.11	642.03	9,214.39	1,671.29	1,383.04	288.25	5.798		
15,300.00	6,950.67	15,429.17	7,274.98	147.61	147.77	-101.11	642.82	9,314.39	1,671.98	1,380.47	291.51	5.736		
15,400.00	6,950.14	15,529.17	7,274.75	149.27	149.43	-101.12	643.60	9,414.38	1,672.67	1,377.90	294.77	5.674		
15,500.00	6,949.61	15,629.16	7,274.53	150.92	151.08	-101.12	644.38	9,514.37	1,673.37	1,375.33	298.04	5.615		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,600.00	6,949.08	15,729.16	7,274.31	152.58	152.74	-101.13	645.16	9,614.37	1,674.06	1,372.76	301.30	5.556	
15,700.00	6,948.55	15,829.16	7,274.08	154.24	154.40	-101.14	645.95	9,714.36	1,674.75	1,370.19	304.56	5.499	
15,800.00	6,948.02	15,929.15	7,273.86	155.90	156.06	-101.14	646.73	9,814.36	1,675.44	1,367.62	307.83	5.443	
15,900.00	6,947.49	16,029.15	7,273.64	157.56	157.71	-101.15	647.51	9,914.35	1,676.14	1,365.05	311.09	5.388	
16,000.00	6,946.96	16,129.15	7,273.41	159.22	159.37	-101.16	648.29	10,014.34	1,676.83	1,362.47	314.35	5.334	
16,100.00	6,946.43	16,229.15	7,273.19	160.87	161.03	-101.16	649.07	10,114.34	1,677.52	1,359.90	317.62	5.282	
16,200.00	6,945.90	16,329.14	7,272.97	162.53	162.69	-101.17	649.86	10,214.33	1,678.21	1,357.33	320.88	5.230	
16,300.00	6,945.37	16,429.14	7,272.75	164.19	164.35	-101.17	650.64	10,314.33	1,678.91	1,354.76	324.15	5.179	
16,400.00	6,944.84	16,529.14	7,272.52	165.85	166.01	-101.18	651.42	10,414.32	1,679.60	1,352.18	327.42	5.130	
16,500.00	6,944.31	16,629.14	7,272.30	167.51	167.66	-101.19	652.20	10,514.31	1,680.29	1,349.61	330.68	5.081	
16,600.00	6,943.78	16,729.13	7,272.08	169.17	169.32	-101.19	652.98	10,614.31	1,680.98	1,347.04	333.95	5.034	
16,700.00	6,943.25	16,829.13	7,271.85	170.83	170.98	-101.20	653.77	10,714.30	1,681.68	1,344.46	337.22	4.987	
16,800.00	6,942.72	16,929.13	7,271.63	172.49	172.64	-101.20	654.55	10,814.30	1,682.37	1,341.89	340.48	4.941	
16,900.00	6,942.19	17,029.13	7,271.41	174.16	174.30	-101.21	655.33	10,914.29	1,683.06	1,339.31	343.75	4.896	
17,000.00	6,941.66	17,129.12	7,271.18	175.82	175.96	-101.21	656.11	11,014.29	1,683.76	1,336.74	347.02	4.852	
17,100.00	6,941.13	17,229.12	7,270.96	177.48	177.63	-101.22	656.89	11,114.28	1,684.45	1,334.16	350.29	4.809	
17,200.00	6,940.60	17,329.12	7,270.74	179.14	179.29	-101.23	657.68	11,214.27	1,685.14	1,331.59	353.56	4.766	
17,300.00	6,940.07	17,429.12	7,270.51	180.80	180.95	-101.23	658.46	11,314.27	1,685.83	1,329.01	356.83	4.725	
17,400.00	6,939.54	17,529.11	7,270.29	182.46	182.61	-101.24	659.24	11,414.26	1,686.53	1,326.43	360.09	4.684	
17,500.00	6,939.01	17,629.11	7,270.07	184.13	184.27	-101.24	660.02	11,514.26	1,687.22	1,323.86	363.36	4.643	
17,600.00	6,938.48	17,729.11	7,269.84	185.79	185.93	-101.25	660.81	11,614.25	1,687.91	1,321.28	366.63	4.604	
17,601.54	6,938.47	17,730.65	7,269.84	185.81	185.96	-101.25	660.82	11,615.79	1,687.92	1,321.24	366.68	4.603 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.53	1.81	-219.94	219.95					
100.00	100.00	102.00	102.00	3.28	3.28	-89.53	1.81	-219.94	219.95	212.42	7.53	29.214		
200.00	200.00	202.00	202.00	3.31	3.31	-89.53	1.81	-219.94	219.95	212.38	7.57	29.038	CC	
300.00	299.98	307.25	307.24	3.35	3.35	135.03	2.62	-218.89	220.20	212.54	7.66	28.744		
400.00	399.84	413.35	413.20	3.41	3.43	136.88	5.77	-214.76	220.16	212.38	7.78	28.286		
431.71	431.45	446.86	446.62	3.43	3.46	137.74	7.26	-212.81	220.15	212.32	7.83	28.104		
500.00	499.45	518.74	518.20	3.49	3.53	140.03	11.25	-207.57	220.27	212.31	7.95	27.696	ES	
600.00	598.70	623.09	621.77	3.61	3.66	144.39	18.98	-197.43	221.29	213.12	8.17	27.073		
700.00	697.47	726.06	723.43	3.76	3.82	149.81	28.85	-184.49	224.28	215.83	8.45	26.534		
800.00	795.62	827.33	827.79	3.96	4.02	156.05	40.71	-168.95	230.46	221.66	8.80	26.462		
900.00	893.37	926.89	919.74	4.21	4.26	162.74	54.43	-150.95	239.71	230.49	9.22	25.997		
1,000.00	991.11	1,024.27	1,013.77	4.48	4.54	169.44	69.77	-130.83	250.98	241.27	9.70	25.862		
1,100.00	1,088.85	1,119.06	1,105.06	4.78	4.85	175.56	85.25	-110.54	265.25	255.01	10.24	25.904		
1,200.00	1,186.59	1,213.86	1,196.36	5.10	5.19	-178.96	100.73	-90.24	282.41	271.60	10.81	26.124		
1,300.00	1,284.33	1,308.65	1,287.65	5.44	5.55	-174.09	116.20	-69.95	301.96	290.55	11.41	26.462		
1,400.00	1,382.08	1,403.44	1,378.94	5.80	5.93	-169.81	131.68	-49.65	323.48	311.44	12.04	26.873		
1,500.00	1,479.82	1,501.77	1,470.23	6.16	6.33	-166.06	147.16	-29.36	346.59	333.89	12.70	27.292		
1,600.00	1,577.56	1,606.97	1,561.52	6.54	6.78	-162.76	162.64	-9.06	370.99	357.58	13.41	27.666		
1,700.00	1,675.30	1,687.82	1,652.82	6.92	7.13	-159.86	178.11	11.23	396.45	382.42	14.03	28.254		
1,800.00	1,773.04	1,782.61	1,744.11	7.31	7.55	-157.31	193.59	31.53	422.78	408.06	14.73	28.709		
1,900.00	1,870.78	1,877.41	1,835.40	7.53	7.82	-155.05	209.07	51.83	449.83	435.05	14.78	30.439		
2,000.00	1,968.53	1,972.20	1,926.69	7.58	7.92	-153.04	224.55	72.12	477.46	462.55	14.91	32.027		
2,100.00	2,066.27	2,066.99	2,017.98	7.65	8.00	-151.25	240.02	92.42	505.59	490.57	15.03	33.645		
2,200.00	2,164.01	2,161.78	2,109.28	7.74	8.09	-149.64	255.50	112.71	534.14	518.96	15.18	35.188		
2,300.00	2,261.75	2,256.58	2,200.57	7.84	8.21	-148.20	270.98	133.01	563.05	547.68	15.36	36.646		
2,400.00	2,359.49	2,351.37	2,291.86	7.96	8.33	-146.89	286.45	153.30	592.25	576.67	15.58	38.011		
2,500.00	2,457.23	2,446.16	2,383.15	8.10	8.48	-145.71	301.93	173.60	621.72	605.89	15.83	39.280		
2,600.00	2,554.98	2,540.95	2,474.44	8.26	8.64	-144.63	317.41	193.89	651.41	635.31	16.10	40.451		
2,700.00	2,652.72	2,635.75	2,565.74	8.42	8.81	-143.64	332.89	214.19	681.29	664.89	16.41	41.526		
2,800.00	2,750.46	2,730.54	2,657.03	8.61	9.00	-142.74	348.36	234.48	711.35	694.61	16.74	42.505		
2,900.00	2,848.20	2,825.33	2,748.32	8.80	9.20	-141.91	363.84	254.78	741.55	724.46	17.09	43.394		
3,000.00	2,945.94	2,920.13	2,839.61	9.01	9.42	-141.14	379.32	275.07	771.89	754.43	17.47	44.196		
3,100.00	3,043.68	3,014.92	2,930.90	9.22	9.64	-140.43	394.80	295.37	802.34	784.48	17.86	44.916		
3,200.00	3,141.43	3,109.71	3,022.20	9.45	9.87	-139.77	410.27	315.66	832.90	814.62	18.28	45.563		
3,300.00	3,239.17	3,204.50	3,113.49	9.69	10.12	-139.16	425.75	335.96	863.56	844.84	18.72	46.136		
3,400.00	3,336.91	3,300.70	3,204.78	9.93	10.37	-138.59	441.23	356.26	894.29	875.11	19.18	46.636		
3,500.00	3,434.65	3,394.09	3,296.07	10.19	10.63	-138.06	456.71	376.55	925.10	905.46	19.64	47.095		
3,600.00	3,532.39	3,488.88	3,387.36	10.45	10.90	-137.56	472.18	396.85	955.98	935.85	20.13	47.493		
3,700.00	3,630.13	3,583.68	3,478.66	10.72	11.18	-137.10	487.66	417.14	986.92	966.29	20.63	47.842		
3,800.00	3,727.87	3,678.47	3,569.95	11.00	11.46	-136.66	503.14	437.44	1,017.92	996.78	21.14	48.148		
3,900.00	3,825.62	3,773.26	3,661.24	11.28	11.75	-136.25	518.62	457.73	1,048.96	1,027.30	21.67	48.415		
4,000.00	3,923.36	3,868.05	3,752.53	11.57	12.04	-135.86	534.09	478.03	1,080.06	1,057.86	22.20	48.647		
4,100.00	4,021.10	3,962.85	3,843.82	11.86	12.34	-135.49	549.57	498.32	1,111.19	1,088.45	22.75	48.847		
4,200.00	4,118.84	4,057.64	3,935.12	12.16	12.65	-135.14	565.05	518.62	1,142.37	1,119.07	23.30	49.019		
4,300.00	4,216.58	4,152.43	4,026.41	12.46	12.96	-134.81	580.53	538.91	1,173.58	1,149.71	23.87	49.167		
4,400.00	4,314.32	4,247.23	4,117.70	12.77	13.27	-134.50	596.00	559.21	1,204.83	1,180.39	24.44	49.292		
4,500.00	4,412.07	4,342.02	4,208.99	13.08	13.59	-134.20	611.48	579.50	1,236.10	1,211.08	25.02	49.397		
4,600.00	4,509.81	4,436.81	4,300.28	13.39	13.91	-133.92	626.96	599.80	1,267.41	1,241.80	25.61	49.484		
4,700.00	4,607.55	4,531.60	4,391.58	13.71	14.23	-133.65	642.44	620.09	1,298.74	1,272.53	26.21	49.556		
4,800.00	4,705.29	4,626.40	4,482.87	14.03	14.56	-133.40	657.91	640.39	1,330.10	1,303.29	26.81	49.613		
4,900.00	4,803.03	4,721.19	4,574.16	14.35	14.89	-133.15	673.39	660.69	1,361.47	1,334.06	27.42	49.658		
5,000.00	4,900.77	4,815.98	4,665.45	14.68	15.22	-132.92	688.87	680.98	1,392.87	1,364.84	28.03	49.693		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.52	4,910.78	4,756.74	15.01	15.56	-132.70	704.34	701.28	1,424.29	1,395.65	28.65	49.717		
5,200.00	5,096.26	5,005.57	4,848.04	15.34	15.90	-132.48	719.82	721.57	1,455.73	1,426.46	29.27	49.732		
5,300.00	5,194.00	5,100.36	4,939.33	15.67	16.24	-132.28	735.30	741.87	1,487.19	1,457.29	29.90	49.740		
5,400.00	5,291.74	5,204.85	5,030.62	16.01	16.62	-132.08	750.78	762.16	1,518.66	1,488.10	30.57	49.686		
5,500.00	5,389.48	5,289.95	5,121.91	16.35	16.93	-131.90	766.25	782.46	1,550.15	1,518.98	31.17	49.736		
5,600.00	5,487.22	5,384.74	5,213.20	16.69	17.28	-131.72	781.73	802.75	1,581.65	1,549.84	31.81	49.726		
5,700.00	5,584.96	5,479.53	5,304.50	17.03	17.63	-131.54	797.21	823.05	1,613.17	1,580.72	32.45	49.711		
5,800.00	5,682.71	5,574.32	5,395.79	17.37	17.98	-131.38	812.69	843.34	1,644.70	1,611.60	33.10	49.691		
5,900.00	5,780.45	5,669.12	5,487.08	17.72	18.33	-131.22	828.16	863.64	1,676.24	1,642.49	33.75	49.669		
6,000.00	5,878.19	5,763.91	5,578.37	18.06	18.68	-131.06	843.64	883.93	1,707.79	1,673.39	34.40	49.642		
6,100.00	5,975.93	5,858.70	5,669.66	18.41	19.04	-130.91	859.12	904.23	1,739.35	1,704.29	35.06	49.614		
6,200.00	6,073.67	5,953.50	5,760.96	18.76	19.39	-130.77	874.60	924.52	1,770.92	1,735.21	35.72	49.582		
6,300.00	6,171.41	6,048.29	5,852.25	19.11	19.75	-130.63	890.07	944.82	1,802.51	1,766.13	36.38	49.549		
6,400.00	6,269.16	6,143.08	5,943.54	19.46	20.11	-130.50	905.55	965.12	1,834.10	1,797.06	37.04	49.513		
6,500.00	6,366.90	6,237.87	6,034.83	19.81	20.47	-130.37	921.03	985.41	1,865.70	1,827.99	37.71	49.476		
6,600.00	6,464.63	6,332.67	6,126.13	20.17	20.83	-127.19	936.51	1,005.71	1,897.30	1,858.92	38.38	49.438		
6,700.00	6,560.49	6,427.66	6,217.61	20.55	21.20	-106.95	952.02	1,026.04	1,927.76	1,888.68	39.08	49.330		
6,800.00	6,651.48	6,521.28	6,307.77	21.01	21.55	-97.36	967.30	1,046.09	1,955.88	1,916.03	39.85	49.079		
6,900.00	6,735.38	6,611.22	6,394.39	21.54	21.90	-92.00	981.99	1,065.34	1,981.45	1,940.76	40.69	48.699		
7,000.00	6,810.10	6,695.26	6,475.33	22.15	22.22	-88.78	995.71	1,083.34	2,004.58	1,963.00	41.58	48.212		
7,100.00	6,873.81	6,771.35	6,548.60	22.82	22.52	-86.78	1,008.13	1,099.63	2,025.65	1,983.13	42.52	47.644		
7,200.00	6,924.94	6,837.60	6,612.41	23.57	22.77	-85.47	1,018.95	1,113.81	2,045.20	2,001.71	43.49	47.029		
7,300.00	6,962.24	6,915.19	6,686.07	24.38	23.10	-85.00	1,031.46	1,134.56	2,063.53	2,018.88	44.64	46.221		
7,400.00	6,984.78	7,007.82	6,769.94	25.26	23.58	-85.28	1,045.77	1,170.96	2,080.35	2,034.28	46.07	45.158		
7,500.00	6,992.00	7,127.04	6,868.68	26.19	24.33	-86.50	1,062.71	1,235.27	2,095.29	2,047.39	47.90	43.744		
7,600.00	6,991.48	7,600.00	6,979.95	27.18	28.27	-89.59	1,082.01	1,350.00	2,108.56	2,055.45	53.11	39.702		
7,700.00	6,990.95	7,630.86	7,104.91	28.24	29.03	-93.02	1,104.58	1,663.41	2,116.64	2,061.35	55.29	38.283		
7,800.00	6,990.42	7,785.06	7,108.82	29.37	30.76	-93.15	1,105.99	1,817.45	2,117.22	2,058.94	58.28	36.326		
7,900.00	6,989.89	7,885.06	7,108.59	30.54	31.93	-93.16	1,106.44	1,917.45	2,117.55	2,056.81	60.74	34.863		
8,000.00	6,989.36	7,985.06	7,108.35	31.77	33.15	-93.17	1,106.88	2,017.45	2,117.88	2,054.60	63.28	33.471		
8,100.00	6,988.83	8,085.06	7,108.12	33.04	34.40	-93.17	1,107.33	2,117.44	2,118.20	2,052.32	65.88	32.151		
8,200.00	6,988.30	8,185.06	7,107.89	34.34	35.69	-93.18	1,107.77	2,217.44	2,118.53	2,049.97	68.56	30.902		
8,300.00	6,987.77	8,285.06	7,107.65	35.68	37.01	-93.19	1,108.22	2,317.44	2,118.85	2,047.57	71.28	29.724		
8,400.00	6,987.24	8,385.06	7,107.42	37.05	38.35	-93.20	1,108.67	2,417.44	2,119.18	2,045.11	74.06	28.613		
8,500.00	6,986.71	8,485.06	7,107.19	38.44	39.72	-93.20	1,109.11	2,517.44	2,119.50	2,042.61	76.89	27.566		
8,600.00	6,986.18	8,585.06	7,106.95	39.85	41.11	-93.21	1,109.56	2,617.43	2,119.83	2,040.08	79.75	26.580		
8,700.00	6,985.65	8,685.06	7,106.72	41.29	42.52	-93.22	1,110.00	2,717.43	2,120.15	2,037.50	82.65	25.652		
8,800.00	6,985.12	8,785.05	7,106.49	42.74	43.95	-93.23	1,110.45	2,817.43	2,120.48	2,034.90	85.58	24.777		
8,900.00	6,984.59	8,885.05	7,106.25	44.21	45.40	-93.23	1,110.90	2,917.43	2,120.80	2,032.26	88.54	23.952		
9,000.00	6,984.06	8,985.05	7,106.02	45.69	46.86	-93.24	1,111.34	3,017.42	2,121.13	2,029.60	91.53	23.174		
9,100.00	6,983.53	9,085.05	7,105.79	47.19	48.33	-93.25	1,111.79	3,117.42	2,121.46	2,026.91	94.54	22.439		
9,200.00	6,983.00	9,185.05	7,105.56	48.70	49.82	-93.26	1,112.23	3,217.42	2,121.78	2,024.21	97.57	21.745		
9,300.00	6,982.47	9,285.05	7,105.32	50.22	51.31	-93.26	1,112.68	3,317.42	2,122.11	2,021.48	100.63	21.089		
9,400.00	6,981.94	9,385.05	7,105.09	51.74	52.82	-93.27	1,113.13	3,417.42	2,122.43	2,018.74	103.69	20.468		
9,500.00	6,981.41	9,485.05	7,104.86	53.28	54.34	-93.28	1,113.57	3,517.41	2,122.76	2,015.98	106.78	19.880		
9,600.00	6,980.88	9,585.05	7,104.62	54.83	55.86	-93.29	1,114.02	3,617.41	2,123.08	2,013.20	109.88	19.322		
9,700.00	6,980.35	9,685.05	7,104.39	56.38	57.40	-93.29	1,114.46	3,717.41	2,123.41	2,010.42	112.99	18.792		
9,800.00	6,979.82	9,785.05	7,104.16	57.94	58.94	-93.30	1,114.91	3,817.41	2,123.74	2,007.62	116.12	18.289		
9,900.00	6,979.29	9,885.04	7,103.92	59.51	60.49	-93.31	1,115.36	3,917.40	2,124.06	2,004.80	119.26	17.810		
10,000.00	6,978.76	9,985.04	7,103.69	61.08	62.04	-93.32	1,115.80	4,017.40	2,124.39	2,001.98	122.41	17.355		
10,100.00	6,978.23	10,085.04	7,103.46	62.65	63.60	-93.32	1,116.25	4,117.40	2,124.71	1,999.15	125.57	16.921		
10,200.00	6,977.70	10,185.04	7,103.22	64.24	65.17	-93.33	1,116.70	4,217.40	2,125.04	1,996.31	128.73	16.507		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,285.04	7,102.99	65.82	66.74	-93.34	1,117.14	4,317.40	2,125.37	1,993.46	131.91	16.112		
10,400.00	6,976.64	10,385.04	7,102.76	67.41	68.32	-93.35	1,117.59	4,417.39	2,125.69	1,990.60	135.09	15.735		
10,500.00	6,976.11	10,485.04	7,102.53	69.01	69.90	-93.35	1,118.03	4,517.39	2,126.02	1,987.74	138.28	15.374		
10,600.00	6,975.58	10,585.04	7,102.29	70.61	71.48	-93.36	1,118.48	4,617.39	2,126.35	1,984.86	141.48	15.029		
10,700.00	6,975.05	10,685.04	7,102.06	72.21	73.07	-93.37	1,118.93	4,717.39	2,126.67	1,981.99	144.69	14.699		
10,800.00	6,974.52	10,785.04	7,101.83	73.81	74.66	-93.38	1,119.37	4,817.39	2,127.00	1,979.10	147.90	14.382		
10,900.00	6,973.99	10,885.04	7,101.59	75.42	76.26	-93.38	1,119.82	4,917.38	2,127.32	1,976.21	151.11	14.078		
11,000.00	6,973.46	10,985.03	7,101.36	77.03	77.86	-93.39	1,120.26	5,017.38	2,127.65	1,973.32	154.33	13.786		
11,100.00	6,972.93	11,085.03	7,101.13	78.65	79.46	-93.40	1,120.71	5,117.38	2,127.98	1,970.42	157.56	13.506		
11,200.00	6,972.40	11,185.03	7,100.89	80.26	81.06	-93.41	1,121.16	5,217.38	2,128.30	1,967.52	160.79	13.237		
11,300.00	6,971.87	11,285.03	7,100.66	81.88	82.67	-93.41	1,121.60	5,317.37	2,128.63	1,964.61	164.02	12.978		
11,400.00	6,971.34	11,385.03	7,100.43	83.50	84.28	-93.42	1,122.05	5,417.37	2,128.96	1,961.70	167.26	12.728		
11,500.00	6,970.81	11,485.03	7,100.19	85.12	85.89	-93.43	1,122.49	5,517.37	2,129.28	1,958.78	170.50	12.488		
11,600.00	6,970.28	11,585.03	7,099.96	86.75	87.51	-93.44	1,122.94	5,617.37	2,129.61	1,955.86	173.75	12.257		
11,700.00	6,969.75	11,685.03	7,099.73	88.37	89.12	-93.44	1,123.39	5,717.37	2,129.94	1,952.94	177.00	12.034		
11,800.00	6,969.22	11,785.03	7,099.50	90.00	90.74	-93.45	1,123.83	5,817.36	2,130.26	1,950.01	180.25	11.818		
11,900.00	6,968.69	11,885.03	7,099.26	91.63	92.36	-93.46	1,124.28	5,917.36	2,130.59	1,947.08	183.51	11.610		
12,000.00	6,968.16	11,985.03	7,099.03	93.26	93.99	-93.47	1,124.72	6,017.36	2,130.92	1,944.15	186.76	11.410		
12,100.00	6,967.63	12,085.02	7,098.80	94.89	95.61	-93.47	1,125.17	6,117.36	2,131.24	1,941.22	190.03	11.216		
12,200.00	6,967.10	12,185.02	7,098.56	96.53	97.23	-93.48	1,125.62	6,217.35	2,131.57	1,938.28	193.29	11.028		
12,300.00	6,966.57	12,285.02	7,098.33	98.16	98.86	-93.49	1,126.06	6,317.35	2,131.90	1,935.34	196.56	10.846		
12,400.00	6,966.04	12,385.02	7,098.10	99.80	100.49	-93.50	1,126.51	6,417.35	2,132.22	1,932.40	199.82	10.671		
12,500.00	6,965.51	12,485.02	7,097.86	101.44	102.12	-93.50	1,126.96	6,517.35	2,132.55	1,929.46	203.09	10.500		
12,600.00	6,964.98	12,585.02	7,097.63	103.08	103.75	-93.51	1,127.40	6,617.35	2,132.88	1,926.51	206.37	10.335		
12,700.00	6,964.45	12,685.02	7,097.40	104.72	105.38	-93.52	1,127.85	6,717.34	2,133.21	1,923.56	209.64	10.175		
12,800.00	6,963.92	12,785.02	7,097.16	106.36	107.02	-93.53	1,128.29	6,817.34	2,133.53	1,920.61	212.92	10.020		
12,900.00	6,963.39	12,885.02	7,096.93	108.00	108.65	-93.53	1,128.74	6,917.34	2,133.86	1,917.66	216.20	9.870		
13,000.00	6,962.86	12,985.02	7,096.70	109.64	110.29	-93.54	1,129.19	7,017.34	2,134.19	1,914.71	219.48	9.724		
13,100.00	6,962.33	13,085.02	7,096.47	111.28	111.93	-93.55	1,129.63	7,117.33	2,134.51	1,911.75	222.76	9.582		
13,200.00	6,961.80	13,185.01	7,096.23	112.93	113.57	-93.56	1,130.08	7,217.33	2,134.84	1,908.80	226.04	9.444		
13,300.00	6,961.27	13,285.01	7,096.00	114.57	115.20	-93.56	1,130.52	7,317.33	2,135.17	1,905.84	229.33	9.311		
13,400.00	6,960.74	13,385.01	7,095.77	116.22	116.84	-93.57	1,130.97	7,417.33	2,135.50	1,902.88	232.61	9.180		
13,500.00	6,960.21	13,485.01	7,095.53	117.87	118.49	-93.58	1,131.42	7,517.33	2,135.82	1,899.92	235.90	9.054		
13,600.00	6,959.68	13,585.01	7,095.30	119.51	120.13	-93.59	1,131.86	7,617.32	2,136.15	1,896.96	239.19	8.931		
13,700.00	6,959.15	13,685.01	7,095.07	121.16	121.77	-93.59	1,132.31	7,717.32	2,136.48	1,894.00	242.48	8.811		
13,800.00	6,958.62	13,785.01	7,094.83	122.81	123.41	-93.60	1,132.75	7,817.32	2,136.80	1,891.03	245.77	8.694		
13,900.00	6,958.09	13,885.01	7,094.60	124.46	125.06	-93.61	1,133.20	7,917.32	2,137.13	1,888.07	249.06	8.581		
14,000.00	6,957.56	13,985.01	7,094.37	126.11	126.70	-93.62	1,133.65	8,017.32	2,137.46	1,885.10	252.36	8.470		
14,100.00	6,957.03	14,085.01	7,094.14	127.76	128.35	-93.62	1,134.09	8,117.31	2,137.79	1,882.13	255.65	8.362		
14,200.00	6,956.50	14,185.01	7,093.90	129.41	129.99	-93.63	1,134.54	8,217.31	2,138.11	1,879.17	258.95	8.257		
14,300.00	6,955.97	14,285.00	7,093.67	131.07	131.64	-93.64	1,134.99	8,317.31	2,138.44	1,876.20	262.25	8.154		
14,400.00	6,955.44	14,385.00	7,093.44	132.72	133.29	-93.64	1,135.43	8,417.31	2,138.77	1,873.23	265.54	8.054		
14,500.00	6,954.91	14,485.00	7,093.20	134.37	134.94	-93.65	1,135.88	8,517.30	2,139.10	1,870.25	268.84	7.957		
14,600.00	6,954.38	14,585.00	7,092.97	136.02	136.59	-93.66	1,136.32	8,617.30	2,139.43	1,867.28	272.14	7.861		
14,700.00	6,953.85	14,685.00	7,092.74	137.68	138.24	-93.67	1,136.77	8,717.30	2,139.75	1,864.31	275.44	7.768		
14,800.00	6,953.32	14,785.00	7,092.50	139.33	139.89	-93.67	1,137.22	8,817.30	2,140.08	1,861.34	278.74	7.678		
14,900.00	6,952.79	14,885.00	7,092.27	140.99	141.54	-93.68	1,137.66	8,917.30	2,140.41	1,858.36	282.05	7.589		
15,000.00	6,952.26	14,985.00	7,092.04	142.64	143.19	-93.69	1,138.11	9,017.29	2,140.74	1,855.39	285.35	7.502		
15,100.00	6,951.73	15,085.00	7,091.80	144.30	144.84	-93.70	1,138.55	9,117.29	2,141.06	1,852.41	288.65	7.417		
15,200.00	6,951.20	15,185.00	7,091.57	145.95	146.49	-93.70	1,139.00	9,217.29	2,141.39	1,849.44	291.96	7.335		
15,300.00	6,950.67	15,285.00	7,091.34	147.61	148.14	-93.71	1,139.45	9,317.29	2,141.72	1,846.46	295.26	7.254		
15,400.00	6,950.14	15,384.99	7,091.11	149.27	149.80	-93.72	1,139.89	9,417.28	2,142.05	1,843.48	298.57	7.174		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,949.61	15,484.99	7,090.87	150.92	151.45	-93.73	1,140.34	9,517.28	2,142.38	1,840.50	301.87	7.097		
15,600.00	6,949.08	15,584.99	7,090.64	152.58	153.10	-93.73	1,140.78	9,617.28	2,142.70	1,837.52	305.18	7.021		
15,700.00	6,948.55	15,684.99	7,090.41	154.24	154.76	-93.74	1,141.23	9,717.28	2,143.03	1,834.55	308.49	6.947		
15,800.00	6,948.02	15,784.99	7,090.17	155.90	156.41	-93.75	1,141.68	9,817.28	2,143.36	1,831.57	311.79	6.874		
15,900.00	6,947.49	15,884.99	7,089.94	157.56	158.07	-93.76	1,142.12	9,917.27	2,143.69	1,828.59	315.10	6.803		
16,000.00	6,946.96	15,984.99	7,089.71	159.22	159.72	-93.76	1,142.57	10,017.27	2,144.02	1,825.60	318.41	6.733		
16,100.00	6,946.43	16,084.99	7,089.47	160.87	161.38	-93.77	1,143.01	10,117.27	2,144.34	1,822.62	321.72	6.665		
16,200.00	6,945.90	16,184.99	7,089.24	162.53	163.03	-93.78	1,143.46	10,217.27	2,144.67	1,819.64	325.03	6.598		
16,300.00	6,945.37	16,284.99	7,089.01	164.19	164.69	-93.79	1,143.91	10,317.27	2,145.00	1,816.66	328.34	6.533		
16,400.00	6,944.84	16,384.99	7,088.77	165.85	166.35	-93.79	1,144.35	10,417.26	2,145.33	1,813.68	331.65	6.469		
16,500.00	6,944.31	16,484.98	7,088.54	167.51	168.00	-93.80	1,144.80	10,517.26	2,145.66	1,810.69	334.96	6.406		
16,600.00	6,943.78	16,584.98	7,088.31	169.17	169.66	-93.81	1,145.25	10,617.26	2,145.99	1,807.71	338.28	6.344		
16,700.00	6,943.25	16,684.98	7,088.08	170.83	171.32	-93.81	1,145.69	10,717.26	2,146.31	1,804.73	341.59	6.283		
16,800.00	6,942.72	16,784.98	7,087.84	172.49	172.97	-93.82	1,146.14	10,817.25	2,146.64	1,801.74	344.90	6.224		
16,900.00	6,942.19	16,884.98	7,087.61	174.16	174.63	-93.83	1,146.58	10,917.25	2,146.97	1,798.76	348.21	6.166		
17,000.00	6,941.66	16,984.98	7,087.38	175.82	176.29	-93.84	1,147.03	11,017.25	2,147.30	1,795.77	351.53	6.109		
17,100.00	6,941.13	17,084.98	7,087.14	177.48	177.95	-93.84	1,147.48	11,117.25	2,147.63	1,792.79	354.84	6.052		
17,200.00	6,940.60	17,184.98	7,086.91	179.14	179.61	-93.85	1,147.92	11,217.25	2,147.96	1,789.80	358.15	5.997		
17,300.00	6,940.07	17,284.98	7,086.68	180.80	181.27	-93.86	1,148.37	11,317.24	2,148.29	1,786.82	361.47	5.943		
17,400.00	6,939.54	17,384.98	7,086.44	182.46	182.93	-93.87	1,148.81	11,417.24	2,148.61	1,783.83	364.78	5.890		
17,500.00	6,939.01	17,484.97	7,086.21	184.13	184.59	-93.87	1,149.26	11,517.24	2,148.94	1,780.85	368.10	5.838		
17,600.00	6,938.48	17,584.97	7,085.98	185.79	186.25	-93.88	1,149.71	11,617.24	2,149.27	1,777.86	371.41	5.787		
17,601.54	6,938.47	17,586.52	7,085.97	185.81	186.27	-93.88	1,149.71	11,618.78	2,149.28	1,777.81	371.46	5.786 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.48	1.82	-199.90	199.91					
100.00	100.00	102.00	102.00	3.28	3.28	-89.48	1.82	-199.90	199.91	192.38	7.53	26.551		
200.00	200.00	202.00	202.00	3.31	3.31	-89.48	1.82	-199.90	199.91	192.33	7.57	26.392	CC, ES	
300.00	299.98	304.53	304.52	3.35	3.35	134.93	2.02	-199.61	200.87	193.21	7.66	26.221		
400.00	399.84	410.36	410.29	3.41	3.42	136.62	4.06	-196.65	201.88	194.09	7.78	25.936		
500.00	499.45	515.65	515.31	3.49	3.52	139.66	8.28	-190.50	202.83	194.88	7.95	25.510		
600.00	598.70	620.06	619.11	3.61	3.65	143.96	14.62	-181.27	204.45	196.28	8.17	25.036		
700.00	697.47	723.26	721.25	3.76	3.80	149.39	22.99	-169.10	207.74	199.30	8.44	24.623		
800.00	795.62	824.96	821.30	3.96	3.98	155.69	33.27	-154.14	213.89	205.12	8.77	24.388		
900.00	893.37	925.13	919.17	4.21	4.21	162.49	45.36	-136.55	222.76	213.59	9.17	24.293		
1,000.00	991.11	1,022.72	1,013.82	4.48	4.48	169.24	58.84	-116.94	233.39	223.75	9.63	24.231		
1,100.00	1,088.85	1,118.24	1,106.31	4.78	4.77	175.36	72.34	-97.30	246.88	236.74	10.14	24.338		
1,200.00	1,186.59	1,213.76	1,198.81	5.10	5.09	-179.17	85.84	-77.65	263.03	252.34	10.69	24.598		
1,300.00	1,284.33	1,309.28	1,291.31	5.44	5.42	-174.33	99.34	-58.01	281.37	270.10	11.27	24.956		
1,400.00	1,382.08	1,404.80	1,383.81	5.80	5.78	-170.08	112.84	-38.36	301.51	289.63	11.88	25.372		
1,500.00	1,479.82	1,500.32	1,476.31	6.16	6.14	-166.36	126.34	-18.72	323.10	310.59	12.52	25.817		
1,600.00	1,577.56	1,604.16	1,568.81	6.54	6.55	-163.10	139.84	0.92	345.89	332.69	13.20	26.202		
1,700.00	1,675.30	1,708.64	1,661.30	6.92	6.98	-160.23	153.34	20.57	369.64	355.73	13.91	26.578		
1,800.00	1,773.04	1,786.88	1,753.80	7.31	7.30	-157.71	166.84	40.21	394.18	379.66	14.52	27.146		
1,900.00	1,870.78	1,882.40	1,846.30	7.53	7.55	-155.47	180.34	59.85	419.37	404.81	14.56	28.807		
2,000.00	1,968.53	1,977.92	1,938.80	7.58	7.64	-153.49	193.84	79.50	445.11	430.43	14.68	30.318		
2,100.00	2,066.27	2,073.44	2,031.30	7.65	7.71	-151.72	207.34	99.14	471.30	456.49	14.80	31.836		
2,200.00	2,164.01	2,168.96	2,123.80	7.74	7.80	-150.14	220.84	118.78	497.87	482.91	14.96	33.281		
2,300.00	2,261.75	2,264.48	2,216.29	7.84	7.91	-148.71	234.34	138.43	524.76	509.62	15.15	34.645		
2,400.00	2,359.49	2,360.00	2,308.79	7.96	8.03	-147.43	247.84	158.07	551.94	536.57	15.37	35.921		
2,500.00	2,457.23	2,455.52	2,401.29	8.10	8.17	-146.26	261.34	177.72	579.35	563.73	15.61	37.107		
2,600.00	2,554.98	2,551.04	2,493.79	8.26	8.32	-145.19	274.84	197.36	606.96	591.07	15.89	38.200		
2,700.00	2,652.72	2,646.56	2,586.29	8.42	8.49	-144.22	288.35	217.00	634.75	618.56	16.19	39.202		
2,800.00	2,750.46	2,742.08	2,678.79	8.61	8.67	-143.33	301.85	236.65	662.70	646.18	16.52	40.114		
2,900.00	2,848.20	2,837.60	2,771.28	8.80	8.86	-142.51	315.35	256.29	690.79	673.92	16.87	40.940		
3,000.00	2,945.94	2,933.12	2,863.78	9.01	9.06	-141.76	328.85	275.93	719.00	701.75	17.25	41.685		
3,100.00	3,043.68	3,028.64	2,956.28	9.22	9.28	-141.06	342.35	295.58	747.31	729.67	17.64	42.354		
3,200.00	3,141.43	3,124.16	3,048.78	9.45	9.50	-140.41	355.85	315.22	775.73	757.66	18.06	42.952		
3,300.00	3,239.17	3,219.68	3,141.28	9.69	9.74	-139.81	369.35	334.86	804.22	785.73	18.49	43.484		
3,400.00	3,336.91	3,315.20	3,233.78	9.93	9.98	-139.24	382.85	354.51	832.79	813.85	18.95	43.956		
3,500.00	3,434.65	3,410.72	3,326.27	10.19	10.23	-138.72	396.35	374.15	861.44	842.02	19.41	44.373		
3,600.00	3,532.39	3,506.24	3,418.77	10.45	10.49	-138.23	409.85	393.80	890.14	870.25	19.90	44.740		
3,700.00	3,630.13	3,601.76	3,511.27	10.72	10.76	-137.77	423.35	413.44	918.90	898.51	20.39	45.062		
3,800.00	3,727.87	3,697.28	3,603.77	11.00	11.03	-137.33	436.85	433.08	947.72	926.81	20.90	45.344		
3,900.00	3,825.62	3,807.20	3,696.27	11.28	11.35	-136.93	450.35	452.73	976.57	955.11	21.46	45.500		
4,000.00	3,923.36	3,888.32	3,788.76	11.57	11.59	-136.54	463.85	472.37	1,005.48	983.52	21.95	45.800		
4,100.00	4,021.10	3,983.84	3,881.26	11.86	11.88	-136.18	477.35	492.01	1,034.42	1,011.92	22.50	45.983		
4,200.00	4,118.84	4,079.36	3,973.76	12.16	12.18	-135.84	490.85	511.66	1,063.40	1,040.35	23.05	46.140		
4,300.00	4,216.58	4,174.88	4,066.26	12.46	12.48	-135.51	504.35	531.30	1,092.41	1,068.80	23.61	46.274		
4,400.00	4,314.32	4,270.40	4,158.76	12.77	12.78	-135.21	517.85	550.94	1,121.45	1,097.27	24.18	46.387		
4,500.00	4,412.07	4,365.92	4,251.26	13.08	13.08	-134.91	531.35	570.59	1,150.52	1,125.77	24.75	46.481		
4,600.00	4,509.81	4,461.44	4,343.75	13.39	13.39	-134.63	544.85	590.23	1,179.61	1,154.28	25.34	46.559		
4,700.00	4,607.55	4,556.96	4,436.25	13.71	13.71	-134.37	558.35	609.88	1,208.73	1,182.81	25.93	46.622		
4,800.00	4,705.29	4,652.48	4,528.75	14.03	14.02	-134.12	571.86	629.52	1,237.88	1,211.35	26.52	46.673		
4,900.00	4,803.03	4,748.00	4,621.25	14.35	14.34	-133.88	585.36	649.16	1,267.04	1,239.92	27.12	46.712		
5,000.00	4,900.77	4,843.52	4,713.75	14.68	14.67	-133.65	598.86	668.81	1,296.22	1,268.49	27.73	46.741		
5,100.00	4,998.52	4,939.04	4,806.25	15.01	14.99	-133.43	612.36	688.45	1,325.42	1,297.08	28.34	46.761		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,200.00	5,096.26	5,034.56	4,898.74	15.34	15.32	-133.22	625.86	708.09	1,354.64	1,325.68	28.96	46.773		
5,300.00	5,194.00	5,130.08	4,991.24	15.67	15.65	-133.02	639.36	727.74	1,383.88	1,354.29	29.58	46.777		
5,400.00	5,291.74	5,225.60	5,083.74	16.01	15.98	-132.82	652.86	747.38	1,413.13	1,382.92	30.21	46.776		
5,500.00	5,389.48	5,321.12	5,176.24	16.35	16.31	-132.64	666.36	767.02	1,442.39	1,411.55	30.84	46.769		
5,600.00	5,487.22	5,416.64	5,268.74	16.69	16.65	-132.46	679.86	786.67	1,471.67	1,440.19	31.47	46.757		
5,700.00	5,584.96	5,512.16	5,361.24	17.03	16.99	-132.29	693.36	806.31	1,500.96	1,468.85	32.11	46.741		
5,800.00	5,682.71	5,607.68	5,453.73	17.37	17.32	-132.12	706.86	825.96	1,530.26	1,497.51	32.75	46.721		
5,900.00	5,780.45	5,703.20	5,546.23	17.72	17.67	-131.96	720.36	845.60	1,559.57	1,526.18	33.40	46.697		
6,000.00	5,878.19	5,801.28	5,638.73	18.06	18.02	-131.81	733.86	865.24	1,588.90	1,554.84	34.05	46.659		
6,100.00	5,975.93	5,905.76	5,731.23	18.41	18.39	-131.66	747.36	884.89	1,618.23	1,583.49	34.73	46.588		
6,200.00	6,073.67	5,989.76	5,823.73	18.76	18.69	-131.52	760.86	904.53	1,647.57	1,612.22	35.35	46.611		
6,300.00	6,171.41	6,085.28	5,916.23	19.11	19.04	-131.39	774.36	924.17	1,676.92	1,640.92	36.00	46.578		
6,400.00	6,269.16	6,180.80	6,008.72	19.46	19.39	-131.25	787.86	943.82	1,706.28	1,669.62	36.66	46.544		
6,500.00	6,366.90	6,276.32	6,101.22	19.81	19.74	-131.13	801.36	963.46	1,735.65	1,698.33	37.32	46.507		
6,600.00	6,464.63	6,371.85	6,193.72	20.17	20.08	-127.97	814.86	983.11	1,765.02	1,727.04	37.98	46.470		
6,700.00	6,560.49	6,467.47	6,286.32	20.55	20.44	-107.97	828.38	1,002.77	1,793.37	1,754.69	38.67	46.372		
6,800.00	6,651.48	6,561.55	6,377.43	21.01	20.78	-98.60	841.68	1,022.12	1,819.64	1,780.21	39.43	46.146		
6,900.00	6,735.38	6,651.78	6,464.80	21.54	21.11	-93.45	854.43	1,040.67	1,843.71	1,803.46	40.25	45.807		
7,000.00	6,810.10	6,735.92	6,546.28	22.15	21.42	-90.42	866.32	1,057.98	1,865.80	1,824.68	41.12	45.379		
7,100.00	6,873.81	6,811.92	6,619.87	22.82	21.71	-88.55	877.06	1,073.61	1,886.37	1,844.35	42.02	44.890		
7,200.00	6,924.94	6,877.89	6,683.76	23.57	21.95	-87.32	886.39	1,087.17	1,906.07	1,863.12	42.96	44.372		
7,300.00	6,962.24	6,976.96	6,777.88	24.38	22.36	-87.41	899.89	1,114.62	1,924.94	1,880.72	44.22	43.533		
7,400.00	6,984.78	7,109.06	6,894.82	25.26	23.08	-88.61	915.87	1,173.44	1,942.04	1,896.11	45.94	42.276		
7,500.07	6,992.00	7,307.28	7,041.89	26.19	24.50	-91.38	934.18	1,303.86	1,955.93	1,907.39	48.54	40.292		
7,600.00	6,991.48	7,646.54	7,180.46	27.18	27.81	-95.46	945.64	1,608.93	1,962.93	1,909.76	53.17	36.916		
7,700.00	6,990.95	7,828.53	7,188.73	28.24	29.84	-95.75	941.13	1,790.39	1,960.13	1,903.73	56.40	34.753		
7,800.00	6,990.42	7,928.47	7,188.37	29.37	31.01	-95.76	937.90	1,890.28	1,956.79	1,897.99	58.80	33.279		
7,900.00	6,989.89	8,028.41	7,188.01	30.54	32.23	-95.78	934.67	1,990.17	1,953.45	1,892.17	61.29	31.874		
8,000.00	6,989.36	8,128.36	7,187.65	31.77	33.48	-95.79	931.44	2,090.06	1,950.12	1,886.27	63.85	30.542		
8,100.00	6,988.83	8,228.30	7,187.30	33.04	34.77	-95.81	928.20	2,189.95	1,946.78	1,880.30	66.48	29.283		
8,200.00	6,988.30	8,328.24	7,186.94	34.34	36.09	-95.82	924.97	2,289.84	1,943.45	1,874.27	69.17	28.095		
8,300.00	6,987.77	8,428.19	7,186.58	35.68	37.44	-95.84	921.74	2,389.73	1,940.11	1,868.19	71.92	26.976		
8,400.00	6,987.24	8,528.13	7,186.22	37.05	38.81	-95.85	918.51	2,489.62	1,936.77	1,862.06	74.71	25.922		
8,500.00	6,986.71	8,628.07	7,185.86	38.44	40.21	-95.87	915.28	2,589.51	1,933.44	1,855.89	77.55	24.931		
8,600.00	6,986.18	8,728.02	7,185.50	39.85	41.62	-95.88	912.04	2,689.40	1,930.10	1,849.68	80.43	23.999		
8,700.00	6,985.65	8,827.96	7,185.14	41.29	43.05	-95.90	908.81	2,789.29	1,926.77	1,843.43	83.33	23.121		
8,800.00	6,985.12	8,927.90	7,184.78	42.74	44.50	-95.91	905.58	2,889.18	1,923.43	1,837.16	86.27	22.295		
8,900.00	6,984.59	9,027.85	7,184.43	44.21	45.97	-95.93	902.35	2,989.07	1,920.10	1,830.86	89.24	21.516		
9,000.00	6,984.06	9,127.79	7,184.07	45.69	47.45	-95.94	899.11	3,088.96	1,916.76	1,824.53	92.23	20.782		
9,100.00	6,983.53	9,227.73	7,183.71	47.19	48.94	-95.96	895.88	3,188.85	1,913.43	1,818.18	95.24	20.090		
9,200.00	6,983.00	9,327.67	7,183.35	48.70	50.44	-95.97	892.65	3,288.74	1,910.09	1,811.82	98.28	19.436		
9,300.00	6,982.47	9,427.62	7,182.99	50.22	51.96	-95.99	889.42	3,388.63	1,906.76	1,805.43	101.33	18.817		
9,400.00	6,981.94	9,508.81	7,182.70	51.74	53.19	-96.00	886.79	3,469.78	1,903.52	1,799.39	104.12	18.281		
9,500.00	6,981.41	9,580.31	7,182.44	53.28	54.29	-96.01	885.37	3,541.27	1,901.56	1,794.79	106.77	17.810		
9,540.77	6,981.19	9,604.87	7,182.36	53.91	54.66	-96.01	885.30	3,565.83	1,901.39	1,793.62	107.77	17.643		
9,600.00	6,980.88	9,654.28	7,182.18	54.83	55.42	-96.01	885.57	3,615.23	1,901.63	1,792.19	109.44	17.375		
9,700.00	6,980.35	9,754.28	7,181.82	56.38	56.96	-96.02	886.21	3,715.23	1,902.15	1,789.60	112.55	16.900		
9,800.00	6,979.82	9,854.28	7,181.46	57.94	58.52	-96.02	886.85	3,815.22	1,902.67	1,786.99	115.67	16.449		
9,900.00	6,979.29	9,954.28	7,181.10	59.51	60.08	-96.03	887.49	3,915.22	1,903.18	1,784.38	118.81	16.019		
10,000.00	6,978.76	10,054.28	7,180.74	61.08	61.65	-96.03	888.12	4,015.22	1,903.70	1,781.75	121.95	15.611		
10,100.00	6,978.23	10,154.28	7,180.38	62.65	63.22	-96.03	888.76	4,115.21	1,904.21	1,779.11	125.10	15.221		
10,200.00	6,977.70	10,254.27	7,180.02	64.24	64.79	-96.04	889.40	4,215.21	1,904.73	1,776.47	128.26	14.850		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,354.27	7,179.66	65.82	66.38	-96.04	890.04	4,315.20	1,905.25	1,773.82	131.43	14.496		
10,400.00	6,976.64	10,454.27	7,179.30	67.41	67.96	-96.04	890.68	4,415.20	1,905.76	1,771.15	134.61	14.158		
10,500.00	6,976.11	10,554.27	7,178.95	69.01	69.55	-96.05	891.32	4,515.20	1,906.28	1,768.49	137.79	13.834		
10,600.00	6,975.58	10,654.27	7,178.59	70.61	71.14	-96.05	891.95	4,615.19	1,906.80	1,765.81	140.99	13.525		
10,700.00	6,975.05	10,754.27	7,178.23	72.21	72.74	-96.05	892.59	4,715.19	1,907.31	1,763.13	144.18	13.228		
10,800.00	6,974.52	10,854.27	7,177.87	73.81	74.34	-96.06	893.23	4,815.18	1,907.83	1,760.44	147.39	12.944		
10,900.00	6,973.99	10,954.26	7,177.51	75.42	75.95	-96.06	893.87	4,915.18	1,908.35	1,757.75	150.59	12.672		
11,000.00	6,973.46	11,054.26	7,177.15	77.03	77.55	-96.06	894.51	5,015.18	1,908.86	1,755.06	153.81	12.411		
11,100.00	6,972.93	11,154.26	7,176.79	78.65	79.16	-96.07	895.14	5,115.17	1,909.38	1,752.35	157.03	12.160		
11,200.00	6,972.40	11,254.26	7,176.43	80.26	80.77	-96.07	895.78	5,215.17	1,909.90	1,749.65	160.25	11.918		
11,300.00	6,971.87	11,354.26	7,176.07	81.88	82.39	-96.07	896.42	5,315.16	1,910.41	1,746.94	163.48	11.686		
11,400.00	6,971.34	11,454.26	7,175.71	83.50	84.00	-96.08	897.06	5,415.16	1,910.93	1,744.22	166.71	11.463		
11,500.00	6,970.81	11,554.26	7,175.35	85.12	85.62	-96.08	897.70	5,515.15	1,911.45	1,741.51	169.94	11.248		
11,600.00	6,970.28	11,654.25	7,174.99	86.75	87.24	-96.08	898.33	5,615.15	1,911.96	1,738.78	173.18	11.040		
11,700.00	6,969.75	11,754.25	7,174.64	88.37	88.86	-96.09	898.97	5,715.15	1,912.48	1,736.06	176.42	10.841		
11,800.00	6,969.22	11,854.25	7,174.28	90.00	90.49	-96.09	899.61	5,815.14	1,913.00	1,733.33	179.66	10.648		
11,900.00	6,968.69	11,954.25	7,173.92	91.63	92.11	-96.10	900.25	5,915.14	1,913.51	1,730.60	182.91	10.461		
12,000.00	6,968.16	12,054.25	7,173.56	93.26	93.74	-96.10	900.89	6,015.13	1,914.03	1,727.87	186.16	10.282		
12,100.00	6,967.63	12,154.25	7,173.20	94.89	95.37	-96.10	901.52	6,115.13	1,914.55	1,725.13	189.41	10.108		
12,200.00	6,967.10	12,254.25	7,172.84	96.53	97.00	-96.11	902.16	6,215.13	1,915.06	1,722.39	192.67	9.940		
12,300.00	6,966.57	12,354.24	7,172.48	98.16	98.63	-96.11	902.80	6,315.12	1,915.58	1,719.65	195.93	9.777		
12,400.00	6,966.04	12,454.24	7,172.12	99.80	100.27	-96.11	903.44	6,415.12	1,916.10	1,716.91	199.19	9.620		
12,500.00	6,965.51	12,554.24	7,171.76	101.44	101.90	-96.12	904.08	6,515.11	1,916.61	1,714.16	202.45	9.467		
12,600.00	6,964.98	12,654.24	7,171.40	103.08	103.54	-96.12	904.71	6,615.11	1,917.13	1,711.41	205.71	9.319		
12,700.00	6,964.45	12,754.24	7,171.04	104.72	105.17	-96.12	905.35	6,715.11	1,917.65	1,708.67	208.98	9.176		
12,800.00	6,963.92	12,854.24	7,170.68	106.36	106.81	-96.13	905.99	6,815.10	1,918.16	1,705.91	212.25	9.037		
12,900.00	6,963.39	12,954.24	7,170.33	108.00	108.45	-96.13	906.63	6,915.10	1,918.68	1,703.16	215.52	8.903		
13,000.00	6,962.86	13,054.23	7,169.97	109.64	110.09	-96.13	907.27	7,015.09	1,919.20	1,700.41	218.79	8.772		
13,100.00	6,962.33	13,154.23	7,169.61	111.28	111.73	-96.14	907.90	7,115.09	1,919.71	1,697.65	222.06	8.645		
13,200.00	6,961.80	13,254.23	7,169.25	112.93	113.37	-96.14	908.54	7,215.09	1,920.23	1,694.89	225.34	8.522		
13,300.00	6,961.27	13,354.23	7,168.89	114.57	115.01	-96.14	909.18	7,315.08	1,920.75	1,692.13	228.61	8.402		
13,400.00	6,960.74	13,454.23	7,168.53	116.22	116.66	-96.15	909.82	7,415.08	1,921.26	1,689.37	231.89	8.285		
13,500.00	6,960.21	13,554.23	7,168.17	117.87	118.30	-96.15	910.46	7,515.07	1,921.78	1,686.61	235.17	8.172		
13,600.00	6,959.68	13,654.23	7,167.81	119.51	119.95	-96.15	911.09	7,615.07	1,922.30	1,683.85	238.45	8.062		
13,700.00	6,959.15	13,754.22	7,167.45	121.16	121.59	-96.16	911.73	7,715.07	1,922.81	1,681.08	241.73	7.954		
13,800.00	6,958.62	13,854.22	7,167.09	122.81	123.24	-96.16	912.37	7,815.06	1,923.33	1,678.31	245.02	7.850		
13,900.00	6,958.09	13,954.22	7,166.73	124.46	124.89	-96.16	913.01	7,915.06	1,923.85	1,675.55	248.30	7.748		
14,000.00	6,957.56	14,054.22	7,166.37	126.11	126.53	-96.17	913.65	8,015.05	1,924.36	1,672.78	251.58	7.649		
14,100.00	6,957.03	14,154.22	7,166.02	127.76	128.18	-96.17	914.28	8,115.05	1,924.88	1,670.01	254.87	7.552		
14,200.00	6,956.50	14,254.22	7,165.66	129.41	129.83	-96.18	914.92	8,215.04	1,925.40	1,667.24	258.16	7.458		
14,300.00	6,955.97	14,354.22	7,165.30	131.07	131.48	-96.18	915.56	8,315.04	1,925.91	1,664.47	261.44	7.366		
14,400.00	6,955.44	14,454.22	7,164.94	132.72	133.13	-96.18	916.20	8,415.04	1,926.43	1,661.70	264.73	7.277		
14,500.00	6,954.91	14,554.21	7,164.58	134.37	134.78	-96.19	916.84	8,515.03	1,926.95	1,658.92	268.02	7.189		
14,600.00	6,954.38	14,654.21	7,164.22	136.02	136.43	-96.19	917.47	8,615.03	1,927.46	1,656.15	271.31	7.104		
14,700.00	6,953.85	14,754.21	7,163.86	137.68	138.08	-96.19	918.11	8,715.02	1,927.98	1,653.38	274.61	7.021		
14,800.00	6,953.32	14,854.21	7,163.50	139.33	139.74	-96.20	918.75	8,815.02	1,928.50	1,650.60	277.90	6.940		
14,900.00	6,952.79	14,954.21	7,163.14	140.99	141.39	-96.20	919.39	8,915.02	1,929.02	1,647.82	281.19	6.860		
15,000.00	6,952.26	15,054.21	7,162.78	142.64	143.04	-96.20	920.03	9,015.01	1,929.53	1,645.05	284.48	6.783		
15,100.00	6,951.73	15,154.21	7,162.42	144.30	144.70	-96.21	920.66	9,115.01	1,930.05	1,642.27	287.78	6.707		
15,200.00	6,951.20	15,254.20	7,162.06	145.95	146.35	-96.21	921.30	9,215.00	1,930.57	1,639.49	291.07	6.633		
15,300.00	6,950.67	15,354.20	7,161.71	147.61	148.00	-96.21	921.94	9,315.00	1,931.08	1,636.71	294.37	6.560		
15,400.00	6,950.14	15,454.20	7,161.35	149.27	149.66	-96.22	922.58	9,415.00	1,931.60	1,633.93	297.67	6.489		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,949.61	15,554.20	7,160.99	150.92	151.31	-96.22	923.22	9,514.99	1,932.12	1,631.15	300.96	6.420		
15,600.00	6,949.08	15,654.20	7,160.63	152.58	152.97	-96.22	923.85	9,614.99	1,932.63	1,628.37	304.26	6.352		
15,700.00	6,948.55	15,754.20	7,160.27	154.24	154.63	-96.23	924.49	9,714.98	1,933.15	1,625.59	307.56	6.285		
15,800.00	6,948.02	15,854.20	7,159.91	155.90	156.28	-96.23	925.13	9,814.98	1,933.67	1,622.81	310.86	6.220		
15,900.00	6,947.49	15,954.19	7,159.55	157.56	157.94	-96.23	925.77	9,914.98	1,934.18	1,620.03	314.16	6.157		
16,000.00	6,946.96	16,054.19	7,159.19	159.22	159.60	-96.24	926.41	10,014.97	1,934.70	1,617.24	317.46	6.094		
16,100.00	6,946.43	16,154.19	7,158.83	160.87	161.25	-96.24	927.04	10,114.97	1,935.22	1,614.46	320.76	6.033		
16,200.00	6,945.90	16,254.19	7,158.47	162.53	162.91	-96.24	927.68	10,214.96	1,935.73	1,611.67	324.06	5.973		
16,300.00	6,945.37	16,354.19	7,158.11	164.19	164.57	-96.25	928.32	10,314.96	1,936.25	1,608.89	327.36	5.915		
16,400.00	6,944.84	16,454.19	7,157.75	165.85	166.23	-96.25	928.96	10,414.95	1,936.77	1,606.11	330.66	5.857		
16,500.00	6,944.31	16,554.19	7,157.40	167.51	167.88	-96.25	929.60	10,514.95	1,937.29	1,603.32	333.97	5.801		
16,600.00	6,943.78	16,654.18	7,157.04	169.17	169.54	-96.26	930.23	10,614.95	1,937.80	1,600.53	337.27	5.746		
16,700.00	6,943.25	16,754.18	7,156.68	170.83	171.20	-96.26	930.87	10,714.94	1,938.32	1,597.75	340.57	5.691		
16,800.00	6,942.72	16,854.18	7,156.32	172.49	172.86	-96.26	931.51	10,814.94	1,938.84	1,594.96	343.87	5.638		
16,900.00	6,942.19	16,954.18	7,155.96	174.16	174.52	-96.27	932.15	10,914.93	1,939.35	1,592.17	347.18	5.586		
17,000.00	6,941.66	17,054.18	7,155.60	175.82	176.18	-96.27	932.79	11,014.93	1,939.87	1,589.39	350.48	5.535		
17,100.00	6,941.13	17,154.18	7,155.24	177.48	177.84	-96.27	933.43	11,114.93	1,940.39	1,586.60	353.79	5.485		
17,200.00	6,940.60	17,254.18	7,154.88	179.14	179.50	-96.28	934.06	11,214.92	1,940.90	1,583.81	357.09	5.435		
17,300.00	6,940.07	17,354.17	7,154.52	180.80	181.16	-96.28	934.70	11,314.92	1,941.42	1,581.02	360.40	5.387		
17,400.00	6,939.54	17,454.17	7,154.16	182.46	182.82	-96.28	935.34	11,414.91	1,941.94	1,578.23	363.70	5.339		
17,500.00	6,939.01	17,554.17	7,153.80	184.13	184.48	-96.29	935.98	11,514.91	1,942.46	1,575.45	367.01	5.293		
17,600.00	6,938.48	17,654.17	7,153.44	185.79	186.14	-96.29	936.62	11,614.91	1,942.97	1,572.66	370.32	5.247		
17,601.54	6,938.47	17,655.71	7,153.44	185.81	186.17	-96.29	936.63	11,616.45	1,942.98	1,572.61	370.37	5.246 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.16	-2.89	1,039.86	1,039.86	1,032.33	7.53	138.117		
100.00	100.00	100.00	100.00	3.28	3.28	90.16	-2.89	1,039.86	1,039.86	1,032.29	7.57	137.296		
200.00	200.00	200.00	200.00	3.31	3.31	90.16	-2.89	1,039.86	1,039.86	1,032.29	7.57	137.296		
300.00	299.98	287.99	287.99	3.35	3.34	-45.92	-2.77	1,040.08	1,038.94	1,031.29	7.65	135.781		
400.00	399.84	363.87	363.84	3.41	3.39	-46.15	-1.78	1,041.83	1,037.61	1,029.86	7.75	133.851		
500.00	499.45	439.51	439.38	3.49	3.45	-46.54	0.18	1,045.32	1,036.22	1,028.34	7.89	131.404		
600.00	598.70	514.76	514.39	3.61	3.52	-47.09	3.11	1,050.51	1,034.84	1,026.79	8.06	128.459		
700.00	697.47	589.48	588.69	3.76	3.61	-47.78	6.97	1,057.36	1,033.58	1,025.32	8.27	125.030		
800.00	795.62	663.54	662.10	3.96	3.71	-48.63	11.74	1,065.82	1,032.57	1,024.05	8.52	121.143		
833.12	828.01	687.92	686.22	4.04	3.74	-48.93	13.51	1,068.96	1,032.44	1,023.82	8.62	119.779	CC, ES	
900.00	893.37	736.99	734.65	4.21	3.82	-49.56	17.38	1,075.83	1,032.90	1,024.07	8.83	117.033		
1,000.00	991.11	821.66	804.82	4.48	3.98	-50.50	23.73	1,087.10	1,035.99	1,026.81	9.18	112.807		
1,100.00	1,088.85	905.23	899.83	4.78	4.17	-51.80	33.05	1,103.64	1,040.93	1,031.33	9.61	108.347		
1,200.00	1,186.59	1,002.12	994.84	5.10	4.40	-53.08	42.37	1,120.18	1,046.44	1,036.35	10.09	103.677		
1,300.00	1,284.33	1,100.98	1,089.85	5.44	4.66	-54.36	51.69	1,136.72	1,052.50	1,041.88	10.62	99.130		
1,400.00	1,382.08	1,204.09	1,184.87	5.80	4.96	-55.62	61.01	1,153.26	1,059.10	1,047.92	11.18	94.723		
1,500.00	1,479.82	1,307.20	1,279.88	6.16	5.27	-56.86	70.33	1,169.80	1,066.23	1,054.46	11.77	90.575		
1,600.00	1,577.56	1,389.69	1,374.89	6.54	5.53	-58.09	79.66	1,186.34	1,073.89	1,061.56	12.33	87.081		
1,700.00	1,675.30	1,486.58	1,469.90	6.92	5.85	-59.30	88.98	1,202.88	1,082.06	1,069.11	12.95	83.584		
1,800.00	1,773.04	1,583.47	1,564.91	7.31	6.17	-60.49	98.30	1,219.42	1,090.73	1,077.15	13.58	80.340		
1,900.00	1,870.78	1,680.36	1,659.93	7.53	6.50	-61.67	107.62	1,235.96	1,099.89	1,086.05	13.84	79.491		
2,000.00	1,968.53	1,777.25	1,754.94	7.58	6.84	-62.82	116.94	1,252.50	1,109.52	1,095.36	14.16	78.383		
2,100.00	2,066.27	1,874.14	1,849.95	7.65	7.06	-63.96	126.26	1,269.04	1,119.62	1,105.39	14.22	78.708		
2,200.00	2,164.01	1,971.03	1,944.96	7.74	7.15	-65.08	135.58	1,285.58	1,130.17	1,115.80	14.37	78.656		
2,300.00	2,261.75	2,067.92	2,039.98	7.84	7.20	-66.17	144.90	1,302.12	1,141.16	1,126.65	14.51	78.649		
2,400.00	2,359.49	2,164.81	2,134.99	7.96	7.27	-67.25	154.22	1,318.66	1,152.57	1,137.89	14.68	78.497		
2,500.00	2,457.23	2,261.70	2,230.00	8.10	7.36	-68.31	163.54	1,335.20	1,164.40	1,149.51	14.89	78.212		
2,600.00	2,554.98	2,358.59	2,325.01	8.26	7.46	-69.34	172.86	1,351.74	1,176.63	1,161.51	15.12	77.804		
2,700.00	2,652.72	2,455.48	2,420.02	8.42	7.57	-70.36	182.18	1,368.28	1,189.25	1,173.86	15.39	77.289		
2,800.00	2,750.46	2,552.37	2,515.04	8.61	7.70	-71.35	191.50	1,384.82	1,202.25	1,186.57	15.68	76.682		
2,900.00	2,848.20	2,649.26	2,610.05	8.80	7.84	-72.33	200.82	1,401.36	1,215.61	1,199.61	16.00	75.995		
3,000.00	2,945.94	2,746.15	2,705.06	9.01	8.00	-73.28	210.14	1,417.90	1,229.32	1,212.99	16.34	75.244		
3,100.00	3,043.68	2,843.04	2,800.07	9.22	8.16	-74.21	219.47	1,434.44	1,243.38	1,226.68	16.70	74.441		
3,200.00	3,141.43	2,939.93	2,895.09	9.45	8.33	-75.12	228.79	1,450.98	1,257.76	1,240.67	17.09	73.600		
3,300.00	3,239.17	3,036.82	2,990.10	9.69	8.52	-76.02	238.11	1,467.52	1,272.47	1,254.97	17.50	72.730		
3,400.00	3,336.91	3,133.71	3,085.11	9.93	8.71	-76.89	247.43	1,484.06	1,287.48	1,269.56	17.92	71.841		
3,500.00	3,434.65	3,230.61	3,180.12	10.19	8.92	-77.74	256.75	1,500.60	1,302.79	1,284.42	18.36	70.943		
3,600.00	3,532.39	3,327.50	3,275.13	10.45	9.13	-78.58	266.07	1,517.14	1,318.38	1,299.56	18.82	70.043		
3,700.00	3,630.13	3,424.39	3,370.15	10.72	9.35	-79.39	275.39	1,533.68	1,334.25	1,314.96	19.30	69.145		
3,800.00	3,727.87	3,521.28	3,465.16	11.00	9.57	-80.19	284.71	1,550.22	1,350.39	1,330.61	19.78	68.257		
3,900.00	3,825.62	3,618.17	3,560.17	11.28	9.81	-80.97	294.03	1,566.76	1,366.79	1,346.50	20.28	67.381		
4,000.00	3,923.36	3,715.06	3,655.18	11.57	10.05	-81.73	303.35	1,583.30	1,383.43	1,362.64	20.80	66.522		
4,100.00	4,021.10	3,811.95	3,750.20	11.86	10.29	-82.47	312.67	1,599.84	1,400.32	1,379.00	21.32	65.681		
4,200.00	4,118.84	3,908.84	3,845.21	12.16	10.54	-83.19	321.99	1,616.38	1,417.43	1,395.58	21.85	64.861		
4,300.00	4,216.58	4,005.73	3,940.22	12.46	10.80	-83.90	331.31	1,632.92	1,434.77	1,412.37	22.40	64.063		
4,400.00	4,314.32	4,102.62	4,035.23	12.77	11.06	-84.59	340.63	1,649.46	1,452.32	1,429.37	22.95	63.288		
4,500.00	4,412.07	4,200.49	4,130.24	13.08	11.32	-85.27	349.95	1,666.00	1,470.08	1,446.57	23.51	62.531		
4,600.00	4,509.81	4,303.60	4,225.26	13.39	11.61	-85.93	359.28	1,682.54	1,488.04	1,463.94	24.09	61.762		
4,700.00	4,607.55	4,406.71	4,320.27	13.71	11.90	-86.58	368.60	1,699.08	1,506.19	1,481.50	24.68	61.020		
4,800.00	4,705.29	4,509.82	4,415.28	14.03	12.19	-87.21	377.92	1,715.62	1,524.52	1,499.24	25.28	60.303		
4,900.00	4,803.03	4,587.07	4,510.29	14.35	12.41	-87.82	387.24	1,732.16	1,543.04	1,517.22	25.82	59.773		
5,000.00	4,900.77	4,683.96	4,605.30	14.68	12.70	-88.42	396.56	1,748.70	1,561.73	1,535.32	26.41	59.140		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,780.85	4,700.32	15.01	12.98	-89.01	405.88	1,765.24	1,580.58	1,553.58	27.00	58.531		
5,200.00	5,096.26	4,877.74	4,795.33	15.34	13.27	-89.58	415.20	1,781.78	1,599.59	1,571.99	27.61	57.944		
5,300.00	5,194.00	4,974.63	4,890.34	15.67	13.56	-90.14	424.52	1,798.32	1,618.76	1,590.55	28.21	57.378		
5,400.00	5,291.74	5,071.52	4,985.35	16.01	13.85	-90.69	433.84	1,814.86	1,638.08	1,609.26	28.82	56.833		
5,500.00	5,389.48	5,168.41	5,080.37	16.35	14.15	-91.23	443.16	1,831.40	1,657.54	1,628.11	29.44	56.308		
5,600.00	5,487.22	5,265.30	5,175.38	16.69	14.44	-91.75	452.48	1,847.94	1,677.15	1,647.09	30.06	55.802		
5,700.00	5,584.96	5,362.19	5,270.39	17.03	14.74	-92.26	461.80	1,864.48	1,696.88	1,666.21	30.68	55.315		
5,800.00	5,682.71	5,459.09	5,365.40	17.37	15.04	-92.76	471.12	1,881.02	1,716.75	1,685.45	31.30	54.846		
5,900.00	5,780.45	5,555.98	5,460.41	17.72	15.34	-93.25	480.44	1,897.56	1,736.74	1,704.81	31.93	54.394		
6,000.00	5,878.19	5,652.87	5,555.43	18.06	15.65	-93.72	489.76	1,914.10	1,756.85	1,724.29	32.56	53.959		
6,100.00	5,975.93	5,749.76	5,650.44	18.41	15.95	-94.19	499.09	1,930.64	1,777.08	1,743.89	33.19	53.539		
6,200.00	6,073.67	8,043.24	6,963.23	18.76	23.53	-140.65	634.03	818.09	1,743.96	1,706.51	37.45	46.565		
6,300.00	6,171.41	8,026.18	6,963.64	19.11	23.35	-140.06	633.99	835.15	1,709.78	1,671.64	38.14	44.826		
6,400.00	6,269.16	8,009.12	6,964.05	19.46	23.17	-139.46	633.95	852.20	1,680.69	1,641.87	38.82	43.295		
6,500.00	6,366.90	8,007.95	6,964.46	19.81	23.16	-138.87	633.91	869.26	1,656.96	1,617.33	39.62	41.817		
6,600.00	6,464.63	7,974.92	6,964.88	20.17	22.83	-135.64	633.87	886.39	1,638.82	1,598.71	40.10	40.866		
6,700.00	6,560.49	7,948.75	6,965.51	20.55	22.57	-118.30	633.82	912.55	1,626.66	1,586.04	40.62	40.045		
6,800.00	6,651.48	7,907.82	6,966.49	21.01	22.17	-109.93	633.73	953.47	1,620.39	1,579.38	41.01	39.517		
6,877.78	6,717.46	7,866.42	6,967.49	21.42	21.79	-105.51	633.64	994.86	1,619.05	1,577.80	41.25	39.247		
6,900.00	6,735.38	7,853.14	6,967.81	21.54	21.67	-104.41	633.61	1,008.13	1,619.15	1,577.84	41.30	39.201		
7,000.00	6,810.10	7,786.05	6,969.42	22.15	21.09	-100.05	633.46	1,075.20	1,621.66	1,580.14	41.53	39.050		
7,100.00	6,873.81	7,708.21	6,971.29	22.82	20.47	-96.41	633.29	1,153.02	1,626.44	1,584.69	41.75	38.957		
7,200.00	6,924.94	7,621.54	6,973.38	23.57	19.87	-93.44	633.09	1,239.67	1,631.96	1,589.92	42.04	38.821		
7,300.00	6,962.24	7,528.16	6,975.63	24.38	19.33	-91.25	632.89	1,333.02	1,636.84	1,594.41	42.44	38.570		
7,400.00	6,984.78	7,417.46	6,976.05	25.26	18.84	-89.81	632.42	1,443.67	1,639.88	1,596.91	42.98	38.159		
7,500.07	6,992.00	7,292.10	6,956.41	26.19	18.48	-88.76	629.91	1,567.26	1,639.22	1,595.55	43.68	37.532		
7,600.00	6,991.48	7,177.44	6,917.67	27.18	18.32	-87.42	625.59	1,674.92	1,636.25	1,591.73	44.52	36.751		
7,700.00	6,990.95	7,078.93	6,869.49	28.24	18.28	-85.74	620.43	1,760.58	1,633.45	1,588.01	45.45	35.941		
7,800.00	6,990.42	6,997.14	6,819.88	29.37	18.29	-84.00	615.23	1,825.33	1,632.17	1,585.79	46.38	35.192		
7,804.14	6,990.39	6,994.09	6,817.88	29.41	18.29	-83.93	615.02	1,827.62	1,632.17	1,585.75	46.42	35.162		
7,900.00	6,989.89	6,930.23	6,773.42	30.54	18.31	-82.37	610.41	1,873.20	1,633.57	1,586.30	47.28	34.553		
8,000.00	6,989.36	6,875.60	6,731.95	31.77	18.32	-80.92	606.15	1,908.47	1,638.55	1,590.43	48.12	34.050		
8,100.00	6,988.83	6,830.77	6,695.77	33.04	18.34	-79.65	602.45	1,934.66	1,647.72	1,598.82	48.90	33.694		
8,200.00	6,988.30	6,793.67	6,664.49	34.34	18.34	-78.56	599.26	1,954.36	1,661.49	1,611.88	49.61	33.489		
8,300.00	6,987.77	6,762.65	6,637.51	35.68	18.35	-77.62	596.53	1,969.39	1,680.07	1,629.82	50.25	33.433 SF		
8,400.00	6,987.24	6,736.46	6,614.17	37.05	18.34	-76.81	594.17	1,981.05	1,703.54	1,652.72	50.81	33.526		
8,500.00	6,986.71	6,714.10	6,593.89	38.44	18.34	-76.11	592.12	1,990.23	1,731.86	1,680.57	51.30	33.761		
8,600.00	6,986.18	6,700.00	6,580.94	39.85	18.34	-75.66	590.81	1,995.65	1,764.95	1,713.23	51.73	34.121		
8,700.00	6,985.65	6,678.13	6,560.63	41.29	18.33	-74.97	588.77	2,003.48	1,802.59	1,750.54	52.05	34.634		
8,800.00	6,985.12	6,663.49	6,546.88	42.74	18.33	-74.49	587.39	2,008.33	1,844.60	1,792.28	52.32	35.258		
8,900.00	6,984.59	6,650.00	6,534.12	44.21	18.32	-74.06	586.10	2,012.52	1,890.73	1,838.21	52.53	35.996		
9,000.00	6,984.06	6,650.00	6,534.12	45.69	18.32	-74.06	586.10	2,012.52	1,940.82	1,888.09	52.73	36.809		
9,100.00	6,983.53	6,628.87	6,513.96	47.19	18.31	-73.37	584.08	2,018.53	1,994.34	1,941.56	52.79	37.781		
9,200.00	6,983.00	6,619.66	6,505.12	48.70	18.30	-73.07	583.20	2,020.93	2,051.30	1,998.45	52.85	38.813		
9,300.00	6,982.47	6,600.00	6,486.12	50.22	18.29	-72.43	581.30	2,025.64	2,111.45	2,058.62	52.83	39.969		
9,400.00	6,981.94	6,600.00	6,486.12	51.74	18.29	-72.43	581.30	2,025.64	2,174.27	2,121.41	52.86	41.132		
9,500.00	6,981.41	6,600.00	6,486.12	53.28	18.29	-72.43	581.30	2,025.64	2,239.79	2,186.92	52.87	42.367		
9,600.00	6,980.88	6,600.00	6,486.12	54.83	18.29	-72.43	581.30	2,025.64	2,307.79	2,254.94	52.85	43.667		
9,700.00	6,980.35	6,600.00	6,486.12	56.38	18.29	-72.43	581.30	2,025.64	2,378.05	2,325.23	52.81	45.027		
9,800.00	6,979.82	6,579.61	6,466.28	57.94	18.27	-71.76	579.32	2,029.90	2,450.04	2,397.37	52.67	46.516		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.16	-2.89	1,059.63	1,059.63					
100.00	100.00	101.00	101.00	3.28	3.28	90.16	-2.89	1,059.63	1,059.63	1,052.10	7.53	140.740		
200.00	200.00	201.00	201.00	3.31	3.31	90.16	-2.89	1,059.63	1,059.63	1,052.06	7.57	139.899		
300.00	299.98	289.31	289.31	3.35	3.34	-45.92	-2.73	1,059.84	1,058.70	1,051.04	7.65	138.348		
400.00	399.84	366.29	366.26	3.41	3.39	-46.17	-1.49	1,061.52	1,057.25	1,049.49	7.75	136.341		
500.00	499.45	442.96	442.81	3.49	3.45	-46.59	0.97	1,064.85	1,055.59	1,047.70	7.89	133.776		
600.00	598.70	519.15	518.76	3.61	3.53	-47.17	4.62	1,069.78	1,053.82	1,045.75	8.06	130.681		
700.00	697.47	594.70	593.87	3.76	3.62	-47.92	9.43	1,076.28	1,052.05	1,043.77	8.28	127.082		
800.00	795.62	669.45	667.95	3.96	3.72	-48.83	15.34	1,084.27	1,050.44	1,041.90	8.54	123.000		
860.18	854.48	714.06	712.04	4.11	3.79	-49.41	19.42	1,089.77	1,050.00	1,041.27	8.72	120.402 CC		
900.00	893.37	743.45	741.01	4.21	3.84	-49.82	22.33	1,093.70	1,050.09	1,041.24	8.85	118.681 ES		
1,000.00	991.11	816.90	813.20	4.48	3.97	-50.85	30.37	1,104.57	1,052.46	1,043.26	9.19	114.472		
1,100.00	1,088.85	902.07	896.55	4.78	4.16	-52.10	40.80	1,118.67	1,057.32	1,047.71	9.61	109.996		
1,200.00	1,186.59	1,001.76	990.61	5.10	4.41	-53.49	52.73	1,134.78	1,063.10	1,052.99	10.11	105.151		
1,300.00	1,284.33	1,094.41	1,084.67	5.44	4.66	-54.88	64.65	1,150.90	1,069.55	1,058.92	10.63	100.633		
1,400.00	1,382.08	1,190.58	1,178.73	5.80	4.94	-56.24	76.57	1,167.01	1,076.67	1,065.48	11.18	96.275		
1,500.00	1,479.82	1,286.75	1,272.79	6.16	5.24	-57.59	88.50	1,183.12	1,084.42	1,072.66	11.76	92.187		
1,600.00	1,577.56	1,382.92	1,366.84	6.54	5.55	-58.92	100.42	1,199.23	1,092.82	1,080.45	12.36	88.382		
1,700.00	1,675.30	1,479.09	1,460.90	6.92	5.87	-60.23	112.34	1,215.34	1,101.83	1,088.84	12.98	84.868		
1,800.00	1,773.04	1,575.26	1,554.96	7.31	6.20	-61.52	124.27	1,231.46	1,111.44	1,097.82	13.62	81.613		
1,900.00	1,870.78	1,671.43	1,649.02	7.53	6.54	-62.79	136.19	1,247.57	1,121.64	1,107.76	13.88	80.798		
2,000.00	1,968.53	1,767.60	1,743.07	7.58	6.89	-64.04	148.11	1,263.68	1,132.41	1,118.21	14.20	79.730		
2,100.00	2,066.27	1,863.77	1,837.13	7.65	7.14	-65.26	160.04	1,279.79	1,143.74	1,129.45	14.29	80.057		
2,200.00	2,164.01	1,959.94	1,931.19	7.74	7.24	-66.46	171.96	1,295.91	1,155.61	1,141.16	14.44	80.022		
2,300.00	2,261.75	2,056.11	2,025.25	7.84	7.29	-67.64	183.88	1,312.02	1,168.00	1,153.42	14.58	80.124		
2,400.00	2,359.49	2,152.28	2,119.30	7.96	7.37	-68.80	195.81	1,328.13	1,180.89	1,166.15	14.75	80.282		
2,500.00	2,457.23	2,248.45	2,213.36	8.10	7.45	-69.93	207.73	1,344.24	1,194.28	1,179.33	14.95	79.906		
2,600.00	2,554.98	2,344.62	2,307.42	8.26	7.56	-71.03	219.65	1,360.35	1,208.14	1,192.96	15.18	79.607		
2,700.00	2,652.72	2,440.79	2,401.48	8.42	7.67	-72.11	231.58	1,376.47	1,222.46	1,207.02	15.44	79.199		
2,800.00	2,750.46	2,536.96	2,495.54	8.61	7.80	-73.17	243.50	1,392.58	1,237.22	1,221.49	15.72	78.695		
2,900.00	2,848.20	2,633.13	2,589.59	8.80	7.95	-74.21	255.42	1,408.69	1,252.40	1,236.37	16.03	78.108		
3,000.00	2,945.94	2,729.30	2,683.65	9.01	8.10	-75.22	267.35	1,424.80	1,268.00	1,251.63	16.37	77.454		
3,100.00	3,043.68	2,825.47	2,777.71	9.22	8.27	-76.20	279.27	1,440.91	1,283.99	1,267.26	16.73	76.744		
3,200.00	3,141.43	2,921.64	2,871.77	9.45	8.45	-77.17	291.19	1,457.03	1,300.36	1,283.25	17.11	75.991		
3,300.00	3,239.17	3,017.81	2,965.82	9.69	8.64	-78.11	303.12	1,473.14	1,317.10	1,299.59	17.51	75.205		
3,400.00	3,336.91	3,113.98	3,059.88	9.93	8.83	-79.02	315.04	1,489.25	1,334.20	1,316.26	17.93	74.396		
3,500.00	3,434.65	3,210.15	3,153.94	10.19	9.04	-79.92	326.96	1,505.36	1,351.63	1,333.26	18.37	73.573		
3,600.00	3,532.39	3,306.32	3,248.00	10.45	9.26	-80.79	338.89	1,521.47	1,369.39	1,350.56	18.82	72.743		
3,700.00	3,630.13	3,402.49	3,342.06	10.72	9.48	-81.64	350.81	1,537.59	1,387.46	1,368.17	19.29	71.913		
3,800.00	3,727.87	3,501.34	3,436.11	11.00	9.71	-82.48	362.73	1,553.70	1,405.84	1,386.06	19.78	71.066		
3,900.00	3,825.62	3,605.17	3,530.17	11.28	9.97	-83.28	374.66	1,569.81	1,424.51	1,404.21	20.30	70.190		
4,000.00	3,923.36	3,709.00	3,624.23	11.57	10.23	-84.07	386.58	1,585.92	1,443.45	1,422.63	20.82	69.327		
4,100.00	4,021.10	3,787.17	3,718.29	11.86	10.44	-84.84	398.50	1,602.03	1,462.67	1,441.37	21.30	68.677		
4,200.00	4,118.84	3,883.34	3,812.34	12.16	10.69	-85.59	410.43	1,618.15	1,482.14	1,460.31	21.83	67.905		
4,300.00	4,216.58	3,979.51	3,906.40	12.46	10.95	-86.33	422.35	1,634.26	1,501.86	1,479.49	22.36	67.153		
4,400.00	4,314.32	4,075.68	4,000.46	12.77	11.21	-87.04	434.27	1,650.37	1,521.82	1,498.91	22.91	66.422		
4,500.00	4,412.07	4,171.85	4,094.52	13.08	11.48	-87.73	446.20	1,666.48	1,542.00	1,518.54	23.47	65.712		
4,600.00	4,509.81	4,268.02	4,188.58	13.39	11.76	-88.41	458.12	1,682.59	1,562.41	1,538.38	24.03	65.023		
4,700.00	4,607.55	4,364.19	4,282.63	13.71	12.03	-89.07	470.04	1,698.71	1,583.03	1,558.43	24.60	64.357		
4,800.00	4,705.29	4,460.36	4,376.69	14.03	12.31	-89.72	481.97	1,714.82	1,603.85	1,578.68	25.17	63.712		
4,900.00	4,803.03	4,556.53	4,470.75	14.35	12.59	-90.35	493.89	1,730.93	1,624.87	1,599.12	25.76	63.089		
5,000.00	4,900.77	4,652.70	4,564.81	14.68	12.88	-90.96	505.82	1,747.04	1,646.08	1,619.73	26.34	62.488		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,748.87	4,658.86	15.01	13.17	-91.56	517.74	1,763.15	1,667.46	1,640.53	26.93	61.907		
5,200.00	5,096.26	4,845.03	4,752.92	15.34	13.46	-92.14	529.66	1,779.27	1,689.02	1,661.49	27.53	61.347		
5,300.00	5,194.00	4,941.20	4,846.98	15.67	13.76	-92.71	541.59	1,795.38	1,710.75	1,682.62	28.13	60.807		
5,400.00	5,291.74	5,037.37	4,941.04	16.01	14.05	-93.26	553.51	1,811.49	1,732.64	1,703.90	28.74	60.286		
5,500.00	5,389.48	5,133.54	5,035.09	16.35	14.35	-93.80	565.43	1,827.60	1,754.69	1,725.34	29.35	59.784		
5,600.00	5,487.22	5,229.71	5,129.15	16.69	14.65	-94.33	577.36	1,843.71	1,776.88	1,746.92	29.96	59.300		
5,700.00	5,584.96	5,325.88	5,223.21	17.03	14.95	-94.85	589.28	1,859.83	1,799.22	1,768.64	30.58	58.834		
5,800.00	5,682.71	5,422.05	5,317.27	17.37	15.26	-95.35	601.20	1,875.94	1,821.70	1,790.49	31.20	58.384		
5,900.00	5,780.45	5,518.22	5,411.33	17.72	15.57	-95.84	613.13	1,892.05	1,844.31	1,812.48	31.83	57.951		
6,000.00	5,878.19	5,614.39	5,505.38	18.06	15.87	-96.32	625.05	1,908.16	1,867.05	1,834.59	32.45	57.533		
6,100.00	5,975.93	5,710.56	5,599.44	18.41	16.18	-96.79	636.97	1,924.28	1,889.91	1,856.83	33.08	57.130		
6,200.00	6,073.67	5,806.73	5,693.50	18.76	16.49	-97.25	648.90	1,940.39	1,912.89	1,879.18	33.71	56.741		
6,300.00	6,171.41	5,902.90	5,787.56	19.11	16.81	-97.69	660.82	1,956.50	1,935.99	1,901.64	34.35	56.366		
6,400.00	6,269.16	6,000.00	5,882.53	19.46	17.13	-98.11	672.74	1,972.61	1,961.08	1,918.33	35.00	56.000		
6,500.00	6,366.90	6,097.17	5,971.30	19.81	17.45	-98.52	684.66	1,988.72	1,989.16	1,935.08	35.65	55.643		
6,600.00	6,464.63	6,194.34	6,060.07	20.17	17.77	-98.93	696.58	2,004.83	2,015.29	1,951.73	36.31	55.296		
6,700.00	6,562.37	6,291.51	6,148.84	20.52	18.09	-99.34	708.50	2,020.94	2,030.74	1,967.38	36.97	54.959		
6,800.00	6,660.11	6,388.68	6,237.61	20.88	18.41	-99.75	720.42	2,037.05	2,046.19	1,982.93	37.63	54.622		
6,900.00	6,757.85	6,485.85	6,326.48	21.23	18.73	-100.16	732.34	2,053.16	2,061.64	1,998.48	38.29	54.285		
7,000.00	6,855.59	6,583.02	6,415.35	21.59	19.05	-100.57	744.26	2,069.27	2,077.09	2,014.03	38.95	53.948		
7,100.00	6,953.33	6,680.19	6,504.22	21.94	19.37	-100.98	756.18	2,085.38	2,092.54	2,029.58	39.61	53.611		
7,200.00	7,051.07	6,777.36	6,593.09	22.30	19.69	-101.39	768.10	2,101.49	2,108.00	2,045.13	40.27	53.274		
7,300.00	7,148.81	6,874.53	6,681.96	22.65	20.01	-101.80	780.02	2,117.60	2,123.45	2,060.68	40.93	52.937		
7,400.00	7,246.55	6,971.70	6,770.83	23.01	20.33	-102.21	791.94	2,133.71	2,138.90	2,076.23	41.59	52.600		
7,500.00	7,344.29	7,068.87	6,859.70	23.36	20.65	-102.62	803.86	2,149.82	2,154.36	2,091.78	42.25	52.263		
7,600.00	7,442.03	7,166.04	6,948.57	23.72	20.97	-103.03	815.78	2,165.93	2,169.81	2,107.33	42.91	51.926		
7,700.00	7,539.77	7,263.21	7,037.44	24.07	21.29	-103.44	827.70	2,182.04	2,185.27	2,122.88	43.57	51.589		
7,800.00	7,637.51	7,360.38	7,126.31	24.43	21.61	-103.85	839.62	2,198.15	2,199.72	2,138.43	44.23	51.252		
7,900.00	7,735.25	7,457.55	7,215.18	24.78	21.93	-104.26	851.54	2,214.26	2,215.18	2,153.98	44.89	50.915		
8,000.00	7,833.00	7,554.72	7,304.05	25.14	22.25	-104.67	863.46	2,230.37	2,230.63	2,169.53	45.55	50.578		
8,100.00	7,930.74	7,651.89	7,392.92	25.49	22.57	-105.08	875.38	2,246.48	2,246.10	2,185.08	46.21	50.241		
8,200.00	8,028.48	7,749.06	7,481.79	25.85	22.89	-105.49	887.30	2,262.59	2,261.56	2,200.63	46.87	49.904		
8,300.00	8,126.22	7,846.23	7,570.66	26.20	23.21	-105.90	899.22	2,278.70	2,277.03	2,216.18	47.53	49.567		
8,400.00	8,223.96	7,943.40	7,659.53	26.56	23.53	-106.31	911.14	2,294.81	2,292.49	2,231.73	48.19	49.230		
8,500.00	8,321.70	8,040.57	7,748.40	26.91	23.85	-106.72	923.06	2,310.92	2,307.96	2,247.28	48.85	48.893		
8,600.00	8,419.44	8,137.74	7,837.27	27.27	24.17	-107.13	934.98	2,327.03	2,323.41	2,262.83	49.51	48.556		
8,700.00	8,517.18	8,234.91	7,926.14	27.62	24.49	-107.54	946.90	2,343.14	2,338.86	2,278.38	50.17	48.219		
8,800.00	8,614.92	8,332.08	8,015.01	27.98	24.81	-107.95	958.82	2,359.25	2,354.31	2,293.93	50.83	47.882		
8,900.00	8,712.66	8,429.25	8,103.88	28.33	25.13	-108.36	970.74	2,375.36	2,369.76	2,309.48	51.49	47.545		
9,000.00	8,810.40	8,526.42	8,192.75	28.69	25.45	-108.77	982.66	2,391.47	2,385.21	2,325.03	52.15	47.208		
9,100.00	8,908.14	8,623.59	8,281.62	29.04	25.77	-109.18	994.58	2,407.58	2,400.66	2,340.58	52.81	46.871		
9,200.00	9,005.88	8,720.76	8,370.49	29.40	26.09	-109.59	1,006.50	2,423.69	2,416.11	2,356.13	53.47	46.534		
9,300.00	9,103.62	8,817.93	8,459.36	29.75	26.41	-110.00	1,018.42	2,439.80	2,431.56	2,371.68	54.13	46.197		
9,400.00	9,201.36	8,915.10	8,548.23	30.11	26.73	-110.41	1,030.34	2,455.91	2,447.01	2,387.23	54.79	45.860		
9,500.00	9,299.10	9,012.27	8,637.10	30.46	27.05	-110.82	1,042.26	2,472.02	2,462.46	2,402.78	55.45	45.523		
9,600.00	9,396.84	9,109.44	8,725.97	30.82	27.37	-111.23	1,054.18	2,488.13	2,477.91	2,418.33	56.11	45.186		
9,700.00	9,494.58	9,206.61	8,814.84	31.17	27.69	-111.64	1,066.10	2,504.24	2,493.36	2,433.88	56.77	44.849		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.17	-3.25	1,079.67	1,079.68					
100.00	100.00	101.00	101.00	3.28	3.28	90.17	-3.25	1,079.67	1,079.68	1,072.15	7.53	143.403		
200.00	200.00	201.00	201.00	3.31	3.31	90.17	-3.25	1,079.67	1,079.68	1,072.10	7.57	142.546		
300.00	299.98	289.91	289.91	3.35	3.34	-45.91	-3.06	1,079.88	1,078.72	1,071.07	7.65	140.957		
400.00	399.84	368.03	368.00	3.41	3.39	-46.16	-1.61	1,081.47	1,077.12	1,069.37	7.76	138.868		
500.00	499.45	445.80	445.64	3.49	3.46	-46.60	1.26	1,084.61	1,075.18	1,067.28	7.90	136.183		
600.00	598.70	523.01	522.59	3.61	3.53	-47.22	5.52	1,089.26	1,072.98	1,064.90	8.07	132.933		
700.00	697.47	600.00	599.13	3.76	3.62	-48.02	11.16	1,095.43	1,070.66	1,062.37	8.29	129.142		
800.00	795.62	675.00	673.44	3.96	3.73	-48.98	17.99	1,102.89	1,068.40	1,059.84	8.56	124.871		
892.59	886.16	744.17	741.73	4.19	3.84	-49.93	25.45	1,111.04	1,067.41	1,058.57	8.85	120.677		
900.00	893.37	749.66	747.13	4.21	3.85	-50.02	26.09	1,111.74	1,067.32	1,058.45	8.87	120.335 CC, ES		
1,000.00	991.11	823.65	819.83	4.48	3.99	-51.11	35.39	1,121.91	1,068.88	1,059.66	9.22	115.901		
1,100.00	1,088.85	897.50	892.00	4.78	4.15	-52.25	45.93	1,133.43	1,073.19	1,063.58	9.61	111.645		
1,200.00	1,186.59	1,007.90	984.20	5.10	4.43	-53.74	60.24	1,149.08	1,079.31	1,069.17	10.14	106.438		
1,300.00	1,284.33	1,087.49	1,077.16	5.44	4.65	-55.22	74.67	1,164.85	1,086.22	1,075.59	10.64	102.117		
1,400.00	1,382.08	1,182.87	1,170.11	5.80	4.94	-56.68	89.10	1,180.62	1,093.92	1,082.72	11.20	97.682		
1,500.00	1,479.82	1,278.25	1,263.07	6.16	5.25	-58.13	103.52	1,196.39	1,102.38	1,090.59	11.79	93.532		
1,600.00	1,577.56	1,373.64	1,356.03	6.54	5.57	-59.55	117.95	1,212.16	1,111.59	1,099.19	12.40	89.679		
1,700.00	1,675.30	1,469.02	1,448.99	6.92	5.90	-60.95	132.38	1,227.93	1,121.53	1,108.51	13.02	86.146		
1,800.00	1,773.04	1,564.41	1,541.94	7.31	6.24	-62.33	146.81	1,243.71	1,132.17	1,118.51	13.66	82.876		
1,900.00	1,870.78	1,659.79	1,634.90	7.53	6.59	-63.68	161.24	1,259.48	1,143.51	1,129.58	13.93	82.089		
2,000.00	1,968.53	1,755.17	1,727.86	7.58	6.95	-65.01	175.66	1,275.25	1,155.52	1,141.26	14.26	81.055		
2,100.00	2,066.27	1,850.56	1,820.82	7.65	7.23	-66.31	190.09	1,291.02	1,168.17	1,153.81	14.36	81.353		
2,200.00	2,164.01	1,945.94	1,913.77	7.74	7.35	-67.59	204.52	1,306.79	1,181.45	1,166.92	14.53	81.311		
2,300.00	2,261.75	2,041.32	2,006.73	7.84	7.41	-68.84	218.95	1,322.56	1,195.34	1,180.68	14.66	81.532		
2,400.00	2,359.49	2,136.71	2,099.69	7.96	7.49	-70.06	233.38	1,338.34	1,209.82	1,195.00	14.82	81.610		
2,500.00	2,457.23	2,232.09	2,192.65	8.10	7.58	-71.25	247.80	1,354.11	1,224.86	1,209.84	15.02	81.552		
2,600.00	2,554.98	2,327.47	2,285.60	8.26	7.68	-72.42	262.23	1,369.88	1,240.45	1,225.21	15.24	81.370		
2,700.00	2,652.72	2,422.86	2,378.56	8.42	7.80	-73.56	276.66	1,385.65	1,256.56	1,241.06	15.50	81.076		
2,800.00	2,750.46	2,518.24	2,471.52	8.61	7.94	-74.67	291.09	1,401.42	1,273.18	1,257.40	15.78	80.683		
2,900.00	2,848.20	2,613.62	2,564.48	8.80	8.08	-75.76	305.52	1,417.19	1,290.28	1,274.19	16.09	80.204		
3,000.00	2,945.94	2,709.01	2,657.43	9.01	8.24	-76.81	319.94	1,432.97	1,307.85	1,291.43	16.42	79.651		
3,100.00	3,043.68	2,804.39	2,750.39	9.22	8.42	-77.84	334.37	1,448.74	1,325.86	1,309.09	16.77	79.039		
3,200.00	3,141.43	2,900.23	2,843.35	9.45	8.60	-78.85	348.80	1,464.51	1,344.31	1,327.15	17.15	78.374		
3,300.00	3,239.17	2,995.16	2,936.31	9.69	8.79	-79.83	363.23	1,480.28	1,363.16	1,345.61	17.55	77.677		
3,400.00	3,336.91	3,109.46	3,029.26	9.93	9.04	-80.78	377.66	1,496.05	1,382.42	1,364.41	18.00	76.798		
3,500.00	3,434.65	3,185.92	3,122.22	10.19	9.21	-81.71	392.08	1,511.82	1,402.05	1,383.65	18.40	76.202		
3,600.00	3,532.39	3,281.31	3,215.18	10.45	9.43	-82.61	406.51	1,527.60	1,422.04	1,403.19	18.85	75.444		
3,700.00	3,630.13	3,376.69	3,308.14	10.72	9.66	-83.49	420.94	1,543.37	1,442.38	1,423.07	19.31	74.681		
3,800.00	3,727.87	3,472.08	3,401.09	11.00	9.89	-84.35	435.37	1,559.14	1,463.06	1,443.27	19.79	73.919		
3,900.00	3,825.62	3,567.46	3,494.05	11.28	10.13	-85.18	449.80	1,574.91	1,484.06	1,463.77	20.28	73.162		
4,000.00	3,923.36	3,662.84	3,587.01	11.57	10.38	-85.99	464.22	1,590.68	1,505.36	1,484.57	20.79	72.414		
4,100.00	4,021.10	3,758.23	3,679.97	11.86	10.64	-86.78	478.65	1,606.45	1,526.95	1,505.65	21.30	71.677		
4,200.00	4,118.84	3,853.61	3,772.93	12.16	10.90	-87.55	493.08	1,622.23	1,548.83	1,527.00	21.83	70.955		
4,300.00	4,216.58	3,948.99	3,865.88	12.46	11.16	-88.30	507.51	1,638.00	1,570.98	1,548.62	22.36	70.249		
4,400.00	4,314.32	4,044.38	3,958.84	12.77	11.43	-89.02	521.94	1,653.77	1,593.38	1,570.48	22.91	69.561		
4,500.00	4,412.07	4,139.76	4,051.80	13.08	11.71	-89.73	536.36	1,669.54	1,616.04	1,592.58	23.46	68.891		
4,600.00	4,509.81	4,235.14	4,144.76	13.39	11.99	-90.42	550.79	1,685.31	1,638.93	1,614.91	24.02	68.240		
4,700.00	4,607.55	4,330.53	4,237.71	13.71	12.27	-91.09	565.22	1,701.08	1,662.04	1,637.46	24.58	67.609		
4,800.00	4,705.29	4,425.91	4,330.67	14.03	12.56	-91.74	579.65	1,716.86	1,685.38	1,660.22	25.16	66.997		
4,900.00	4,803.03	4,521.29	4,423.63	14.35	12.85	-92.38	594.08	1,732.63	1,708.92	1,683.19	25.74	66.405		
5,000.00	4,900.77	4,616.68	4,516.59	14.68	13.14	-93.00	608.50	1,748.40	1,732.67	1,706.35	26.32	65.832		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,712.06	4,609.54	15.01	13.44	-93.60	622.93	1,764.17	1,756.61	1,729.70	26.91	65.278		
5,200.00	5,096.26	4,807.44	4,702.50	15.34	13.73	-94.19	637.36	1,779.94	1,780.73	1,753.23	27.50	64.744		
5,300.00	5,194.00	4,902.83	4,795.46	15.67	14.04	-94.76	651.79	1,795.71	1,805.03	1,776.93	28.10	64.227		
5,400.00	5,291.74	4,998.21	4,888.42	16.01	14.34	-95.32	666.22	1,811.48	1,829.50	1,800.79	28.71	63.729		
5,500.00	5,389.48	5,106.40	4,981.37	16.35	14.69	-95.86	680.64	1,827.26	1,854.13	1,824.78	29.35	63.167		
5,600.00	5,487.22	5,188.98	5,074.33	16.69	14.95	-96.39	695.07	1,843.03	1,878.92	1,849.00	29.93	62.784		
5,700.00	5,584.96	5,284.36	5,167.29	17.03	15.26	-96.90	709.50	1,858.80	1,903.87	1,873.32	30.54	62.336		
5,800.00	5,682.71	5,379.75	5,260.25	17.37	15.57	-97.41	723.93	1,874.57	1,928.95	1,897.79	31.16	61.903		
5,900.00	5,780.45	5,475.13	5,353.20	17.72	15.89	-97.90	738.36	1,890.34	1,954.18	1,922.40	31.78	61.486		
6,000.00	5,878.19	5,570.51	5,446.16	18.06	16.20	-98.37	752.78	1,906.11	1,979.54	1,947.13	32.41	61.083		
6,100.00	5,975.93	5,665.90	5,539.12	18.41	16.52	-98.84	767.21	1,921.89	2,005.03	1,971.99	33.03	60.695		
6,200.00	6,073.67	5,761.28	5,632.08	18.76	16.84	-99.29	781.64	1,937.66	2,030.64	1,996.98	33.66	60.320		
6,300.00	6,171.41	5,856.66	5,725.03	19.11	17.16	-99.74	796.07	1,953.43	2,056.38	2,022.08	34.30	59.957		
6,400.00	6,269.16	5,952.05	5,817.99	19.46	17.48	-100.17	810.50	1,969.20	2,082.23	2,047.29	34.93	59.608		
6,500.00	6,366.90	6,047.44	5,910.94	19.81	17.80	-100.60	824.93	1,984.97	2,107.97	2,072.97	35.56	59.260		
6,600.00	6,464.63	6,142.73	6,003.89	20.16	18.12	-101.03	839.36	2,000.74	2,133.70	2,098.70	36.19	58.912		
6,700.00	6,562.37	6,238.02	6,096.84	20.51	18.44	-101.46	853.79	2,016.51	2,159.43	2,124.43	36.82	58.564		
6,800.00	6,660.11	6,333.31	6,189.79	20.86	18.76	-101.89	868.22	2,032.28	2,185.16	2,150.16	37.45	58.216		
6,900.00	6,757.85	6,428.60	6,282.74	21.21	19.08	-102.32	882.65	2,048.05	2,210.89	2,175.89	38.08	57.868		
7,000.00	6,855.59	6,523.89	6,375.69	21.56	19.40	-102.75	897.08	2,063.82	2,236.62	2,201.62	38.71	57.520		
7,100.00	6,953.33	6,619.18	6,468.64	21.91	19.72	-103.18	911.51	2,079.59	2,262.35	2,227.35	39.34	57.172		
7,200.00	7,051.07	6,714.47	6,561.59	22.26	20.04	-103.61	925.94	2,095.36	2,288.08	2,253.08	39.97	56.824		
7,300.00	7,148.81	6,809.76	6,654.54	22.61	20.36	-104.04	940.37	2,111.13	2,313.81	2,278.81	40.60	56.476		
7,400.00	7,246.55	6,905.05	6,747.49	22.96	20.68	-104.47	954.80	2,126.90	2,339.54	2,304.54	41.23	56.128		
7,500.00	7,344.29	6,999.34	6,839.44	23.31	21.00	-104.90	969.23	2,142.67	2,365.27	2,330.27	41.86	55.780		
7,600.00	7,442.03	7,094.63	6,932.39	23.66	21.32	-105.33	983.66	2,158.44	2,391.00	2,356.00	42.49	55.432		
7,700.00	7,539.77	7,189.92	7,025.34	24.01	21.64	-105.76	998.09	2,174.21	2,416.73	2,381.73	43.12	55.084		
7,800.00	7,637.51	7,285.21	7,118.29	24.36	21.96	-106.19	1,012.52	2,189.98	2,442.46	2,407.46	43.75	54.736		
7,900.00	7,735.25	7,380.50	7,211.24	24.71	22.28	-106.62	1,026.95	2,205.75	2,468.19	2,433.19	44.38	54.388		
8,000.00	7,833.00	7,475.79	7,304.19	25.06	22.60	-107.05	1,041.38	2,221.52	2,493.92	2,458.92	45.01	54.040		
8,100.00	7,930.74	7,571.08	7,397.14	25.41	22.92	-107.48	1,055.81	2,237.29	2,519.65	2,484.65	45.64	53.692		
8,200.00	8,028.48	7,666.37	7,490.09	25.76	23.24	-107.91	1,070.24	2,253.06	2,545.38	2,510.38	46.27	53.344		
8,300.00	8,126.22	7,761.66	7,583.04	26.11	23.56	-108.34	1,084.67	2,268.83	2,571.11	2,536.11	46.90	53.000		
8,400.00	8,223.96	7,856.95	7,675.99	26.46	23.88	-108.77	1,099.10	2,284.60	2,596.84	2,561.84	47.53	52.652		
8,500.00	8,321.70	7,952.24	7,768.94	26.81	24.20	-109.20	1,113.53	2,300.37	2,622.57	2,587.57	48.16	52.304		
8,600.00	8,419.44	8,047.53	7,861.89	27.16	24.52	-109.63	1,127.96	2,316.14	2,648.30	2,613.30	48.79	51.956		
8,700.00	8,517.18	8,142.82	7,954.84	27.51	24.84	-110.06	1,142.39	2,331.91	2,674.03	2,639.03	49.42	51.608		
8,800.00	8,614.92	8,238.11	8,047.79	27.86	25.16	-110.49	1,156.82	2,347.68	2,700.76	2,664.76	50.05	51.260		
8,900.00	8,712.66	8,333.40	8,140.74	28.21	25.48	-110.92	1,171.25	2,363.45	2,726.49	2,690.49	50.68	50.912		
9,000.00	8,810.40	8,428.69	8,233.69	28.56	25.80	-111.35	1,185.68	2,379.22	2,752.22	2,716.22	51.31	50.564		
9,100.00	8,908.14	8,523.98	8,326.64	28.91	26.12	-111.78	1,200.11	2,394.99	2,777.95	2,741.95	51.94	50.216		
9,200.00	9,005.88	8,619.27	8,419.59	29.26	26.44	-112.21	1,214.54	2,410.76	2,803.68	2,767.68	52.57	49.868		
9,300.00	9,103.62	8,714.56	8,512.54	29.61	26.76	-112.64	1,228.97	2,426.53	2,829.41	2,793.41	53.20	49.520		
9,400.00	9,201.36	8,809.85	8,605.49	29.96	27.08	-113.07	1,243.40	2,442.30	2,855.14	2,819.14	53.83	49.172		
9,500.00	9,299.10	8,905.14	8,698.44	30.31	27.40	-113.50	1,257.83	2,458.07	2,880.87	2,844.87	54.46	48.824		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.13	-2.17	959.68	959.68					
100.00	100.00	100.00	100.00	3.28	3.28	90.13	-2.17	959.68	959.68	952.15	7.53	127.467		
200.00	200.00	200.00	200.00	3.31	3.31	90.13	-2.17	959.68	959.68	952.11	7.57	126.709		
300.00	299.98	300.02	299.98	3.35	3.35	-45.96	-2.17	959.68	958.47	950.81	7.66	125.138		
400.00	399.84	400.16	399.84	3.41	3.42	-46.24	-2.17	959.68	954.83	947.05	7.79	122.634		
500.00	499.45	500.55	499.45	3.49	3.50	-46.71	-2.17	959.68	948.82	940.86	7.96	119.203		
600.00	598.70	601.30	598.70	3.61	3.61	-47.37	-2.17	959.68	940.48	932.30	8.18	114.950		
700.00	697.47	702.53	697.47	3.76	3.74	-48.23	-2.17	959.68	929.90	921.45	8.45	109.990		
800.00	795.62	795.62	795.62	3.96	3.87	-49.31	-2.17	959.68	917.19	908.42	8.77	104.599		
900.00	893.37	871.05	871.05	4.21	3.97	-50.09	-2.20	960.56	904.54	895.45	9.09	99.519		
1,000.00	991.11	945.93	945.86	4.48	4.08	-50.85	-2.30	963.39	894.70	885.26	9.44	94.817		
1,100.00	1,088.85	1,021.21	1,020.99	4.78	4.20	-51.62	-2.46	968.21	887.69	877.88	9.81	90.476		
1,200.00	1,186.59	1,100.00	1,099.45	5.10	4.33	-52.40	-2.71	975.36	883.54	873.32	10.22	86.436		
1,296.35	1,280.76	1,169.82	1,168.79	5.43	4.46	-53.09	-3.00	983.50	882.22	871.59	10.63	83.022	CC	
1,300.00	1,284.33	1,172.59	1,171.54	5.44	4.47	-53.12	-3.01	983.86	882.22	871.58	10.64	82.898	ES	
1,400.00	1,382.08	1,248.48	1,246.65	5.80	4.62	-53.84	-3.39	994.69	883.74	872.64	11.09	79.685		
1,500.00	1,479.82	1,324.78	1,321.85	6.16	4.79	-54.53	-3.84	1,007.58	888.06	876.50	11.56	76.847		
1,600.00	1,577.56	1,423.65	1,419.08	6.54	5.03	-55.41	-4.46	1,025.52	893.84	881.72	12.12	73.744		
1,700.00	1,675.30	1,522.53	1,516.31	6.92	5.29	-56.28	-5.09	1,043.46	899.84	887.13	12.71	70.807		
1,800.00	1,773.04	1,621.41	1,613.55	7.31	5.57	-57.14	-5.72	1,061.40	906.04	892.72	13.32	68.040		
1,900.00	1,870.78	1,720.28	1,710.78	7.53	5.86	-57.98	-6.34	1,079.34	912.44	898.88	13.56	67.286		
2,000.00	1,968.53	1,819.16	1,808.02	7.58	6.13	-58.82	-6.97	1,097.28	919.04	905.37	13.67	67.215		
2,100.00	2,066.27	1,918.04	1,905.25	7.65	6.27	-59.64	-7.59	1,115.22	925.83	911.97	13.86	66.797		
2,200.00	2,164.01	2,016.91	2,002.48	7.74	6.31	-60.45	-8.22	1,133.16	932.82	918.84	13.98	66.720		
2,300.00	2,261.75	2,115.79	2,099.72	7.84	6.36	-61.24	-8.84	1,151.10	939.99	925.85	14.14	66.491		
2,400.00	2,359.49	2,214.67	2,196.95	7.96	6.44	-62.03	-9.47	1,169.04	947.34	933.01	14.33	66.120		
2,500.00	2,457.23	2,313.55	2,294.18	8.10	6.53	-62.80	-10.10	1,186.98	954.87	940.32	14.55	65.620		
2,600.00	2,554.98	2,412.42	2,391.42	8.26	6.64	-63.56	-10.72	1,204.92	962.57	947.77	14.81	65.007		
2,700.00	2,652.72	2,511.30	2,488.65	8.42	6.77	-64.31	-11.35	1,222.86	970.45	955.35	15.09	64.296		
2,800.00	2,750.46	2,610.18	2,585.89	8.61	6.91	-65.05	-11.97	1,240.80	978.48	963.07	15.41	63.503		
2,900.00	2,848.20	2,709.05	2,683.12	8.80	7.06	-65.78	-12.60	1,258.74	986.68	970.93	15.75	62.644		
3,000.00	2,945.94	2,807.93	2,780.35	9.01	7.23	-66.49	-13.22	1,276.68	995.03	978.92	16.12	61.733		
3,100.00	3,043.68	2,906.81	2,877.59	9.22	7.41	-67.19	-13.85	1,294.62	1,003.54	987.03	16.51	60.784		
3,200.00	3,141.43	3,005.68	2,974.82	9.45	7.60	-67.88	-14.48	1,312.56	1,012.20	995.27	16.92	59.808		
3,300.00	3,239.17	3,104.56	3,072.06	9.69	7.80	-68.56	-15.10	1,330.50	1,021.00	1,003.64	17.36	58.818		
3,400.00	3,336.91	3,203.44	3,169.29	9.93	8.01	-69.23	-15.73	1,348.44	1,029.94	1,012.13	17.81	57.821		
3,500.00	3,434.65	3,302.32	3,266.52	10.19	8.23	-69.88	-16.35	1,366.38	1,039.02	1,020.74	18.28	56.827		
3,600.00	3,532.39	3,401.19	3,363.76	10.45	8.46	-70.53	-16.98	1,384.32	1,048.24	1,029.47	18.77	55.840		
3,700.00	3,630.13	3,500.07	3,460.99	10.72	8.69	-71.16	-17.61	1,402.26	1,057.59	1,038.31	19.28	54.867		
3,800.00	3,727.87	3,601.05	3,558.22	11.00	8.94	-71.78	-18.23	1,420.20	1,067.06	1,047.26	19.80	53.898		
3,900.00	3,825.62	3,702.18	3,655.46	11.28	9.20	-72.39	-18.86	1,438.14	1,076.66	1,056.33	20.33	52.950		
4,000.00	3,923.36	3,803.30	3,752.69	11.57	9.46	-72.99	-19.48	1,456.08	1,086.38	1,065.50	20.88	52.025		
4,100.00	4,021.10	3,904.42	3,849.93	11.86	9.73	-73.58	-20.11	1,474.02	1,096.22	1,074.77	21.44	51.127		
4,200.00	4,118.84	4,005.55	3,947.16	12.16	10.00	-74.16	-20.73	1,491.96	1,106.17	1,084.16	22.01	50.256		
4,300.00	4,216.58	4,106.67	4,044.39	12.46	10.28	-74.73	-21.36	1,509.90	1,116.23	1,093.64	22.59	49.412		
4,400.00	4,314.32	4,207.79	4,141.63	12.77	10.56	-75.29	-21.99	1,527.84	1,126.40	1,103.22	23.18	48.597		
4,500.00	4,412.07	4,308.91	4,238.86	13.08	10.85	-75.84	-22.61	1,545.78	1,136.68	1,112.90	23.78	47.810		
4,600.00	4,509.81	4,389.96	4,336.10	13.39	11.08	-76.38	-23.24	1,563.72	1,147.06	1,122.73	24.32	47.157		
4,700.00	4,607.55	4,488.84	4,433.33	13.71	11.37	-76.91	-23.86	1,581.66	1,157.53	1,132.61	24.93	46.434		
4,800.00	4,705.29	4,587.72	4,530.56	14.03	11.66	-77.43	-24.49	1,599.60	1,168.11	1,142.57	25.54	45.739		
4,900.00	4,803.03	4,686.59	4,627.80	14.35	11.95	-77.94	-25.11	1,617.54	1,178.78	1,152.63	26.16	45.068		
5,000.00	4,900.77	4,785.47	4,725.03	14.68	12.24	-78.44	-25.74	1,635.48	1,189.54	1,162.77	26.78	44.424		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,884.35	4,822.26	15.01	12.54	-78.93	-26.37	1,653.42	1,200.40	1,172.99	27.40	43.803		
5,200.00	5,096.26	4,983.23	4,919.50	15.34	12.84	-79.42	-26.99	1,671.36	1,211.34	1,183.30	28.04	43.206		
5,300.00	5,194.00	5,082.10	5,016.73	15.67	13.14	-79.89	-27.62	1,689.30	1,222.36	1,193.69	28.67	42.632		
5,400.00	5,291.74	5,180.98	5,113.97	16.01	13.45	-80.36	-28.24	1,707.24	1,233.47	1,204.15	29.31	42.079		
5,500.00	5,389.48	5,279.86	5,211.20	16.35	13.76	-80.82	-28.87	1,725.18	1,244.65	1,214.70	29.96	41.548		
5,600.00	5,487.22	5,378.73	5,308.43	16.69	14.06	-81.27	-29.50	1,743.12	1,255.92	1,225.31	30.60	41.037		
5,700.00	5,584.96	5,477.61	5,405.67	17.03	14.37	-81.71	-30.12	1,761.06	1,267.26	1,236.00	31.26	40.545		
5,800.00	5,682.71	5,576.49	5,502.90	17.37	14.68	-82.15	-30.75	1,779.00	1,278.68	1,246.77	31.91	40.071		
5,900.00	5,780.45	5,675.36	5,600.14	17.72	15.00	-82.57	-31.37	1,796.94	1,290.16	1,257.60	32.57	39.615		
6,000.00	5,878.19	5,774.24	5,697.37	18.06	15.31	-82.99	-32.00	1,814.88	1,301.72	1,268.49	33.23	39.176		
6,100.00	5,975.93	5,873.12	5,794.60	18.41	15.63	-83.41	-32.62	1,832.82	1,313.35	1,279.46	33.89	38.753		
6,200.00	6,073.67	5,972.00	5,891.84	18.76	15.94	-83.81	-33.25	1,850.76	1,325.04	1,290.49	34.55	38.346		
6,300.00	6,171.41	6,070.87	5,989.07	19.11	16.26	-84.21	-33.88	1,868.70	1,336.80	1,301.58	35.22	37.953		
6,400.00	6,269.16	6,278.56	7,296.00	19.46	22.73	-145.50	-34.30	837.55	1,340.98	1,305.52	35.46	37.815		
6,500.00	6,366.90	8,260.60	7,296.58	19.81	22.56	-144.52	-34.41	855.51	1,278.36	1,242.14	36.23	35.289		
6,600.00	6,464.63	8,242.57	7,297.17	20.17	22.40	-141.33	-34.53	873.53	1,220.48	1,183.44	37.04	32.953		
6,700.00	6,560.49	8,215.52	7,298.05	20.55	22.15	-127.67	-34.70	900.57	1,169.11	1,131.29	37.82	30.911		
6,800.00	6,651.48	8,173.76	7,299.42	21.01	21.79	-122.21	-34.97	942.30	1,126.00	1,087.45	38.55	29.208		
6,900.00	6,735.38	8,118.31	7,301.23	21.54	21.33	-118.94	-35.33	997.72	1,091.63	1,052.42	39.21	27.841		
7,000.00	6,810.10	8,050.55	7,303.44	22.15	20.82	-116.26	-35.77	1,065.44	1,065.72	1,025.90	39.82	26.763		
7,100.00	6,873.81	7,972.14	7,306.00	22.82	20.29	-113.80	-36.27	1,143.81	1,047.33	1,006.93	40.40	25.926		
7,200.00	6,924.94	7,885.01	7,308.85	23.57	19.78	-111.61	-36.83	1,230.89	1,035.15	994.16	40.99	25.254		
7,300.00	6,962.24	7,794.49	7,311.78	24.38	19.35	-109.94	-37.42	1,321.36	1,027.78	986.14	41.64	24.682		
7,400.00	6,984.78	7,599.51	7,290.22	25.26	18.75	-106.76	-38.52	1,514.38	1,019.59	976.97	42.63	23.919		
7,500.07	6,992.00	7,435.68	7,227.64	26.19	18.53	-103.71	-39.13	1,665.29	1,007.10	963.12	43.98	22.898		
7,600.00	6,991.48	7,305.82	7,151.93	27.18	18.49	-99.45	-39.40	1,770.52	992.57	947.22	45.36	21.884		
7,700.00	6,990.95	7,209.89	7,083.10	28.24	18.51	-95.47	-39.45	1,837.22	979.34	932.80	46.54	21.041		
7,800.00	6,990.42	7,139.14	7,026.34	29.37	18.53	-92.14	-39.42	1,879.39	970.70	923.21	47.49	20.441		
7,875.85	6,990.01	7,097.55	6,990.91	30.26	18.55	-90.05	-39.37	1,901.14	968.54	920.50	48.04	20.160		
7,900.00	6,989.89	7,086.02	6,980.83	30.54	18.55	-89.46	-39.35	1,906.76	968.77	920.59	48.19	20.105		
8,000.00	6,989.36	7,045.20	6,944.40	31.77	18.56	-87.31	-39.27	1,925.16	974.80	926.16	48.65	20.038 SF		
8,100.00	6,988.83	7,013.09	6,914.97	33.04	18.56	-85.58	-39.20	1,937.97	989.37	940.48	48.89	20.238		
8,200.00	6,988.30	6,987.30	6,890.88	34.34	18.55	-84.17	-39.13	1,947.18	1,012.55	963.62	48.93	20.695		
8,300.00	6,987.77	6,966.19	6,870.89	35.68	18.55	-83.01	-39.06	1,953.99	1,044.05	995.25	48.80	21.395		
8,400.00	6,987.24	6,950.00	6,855.42	37.05	18.55	-82.11	-39.01	1,958.75	1,083.34	1,034.79	48.55	22.315		
8,500.00	6,986.71	6,933.81	6,839.84	38.44	18.54	-81.21	-38.96	1,963.12	1,129.73	1,081.54	48.19	23.442		
8,600.00	6,986.18	6,921.16	6,827.58	39.85	18.53	-80.50	-38.91	1,966.27	1,182.47	1,134.68	47.79	24.744		
8,700.00	6,985.65	6,900.00	6,806.95	41.29	18.53	-79.32	-38.83	1,970.97	1,240.90	1,193.59	47.31	26.228		
8,800.00	6,985.12	6,900.00	6,806.95	42.74	18.53	-79.32	-38.83	1,970.97	1,304.03	1,257.11	46.92	27.794		
8,900.00	6,984.59	6,900.00	6,806.95	44.21	18.53	-79.32	-38.83	1,970.97	1,371.56	1,325.03	46.53	29.478		
9,000.00	6,984.06	6,884.92	6,792.16	45.69	18.51	-78.48	-38.77	1,973.90	1,442.64	1,396.56	46.08	31.306		
9,100.00	6,983.53	6,878.31	6,785.66	47.19	18.51	-78.11	-38.75	1,975.08	1,516.96	1,471.26	45.70	33.194		
9,200.00	6,983.00	6,872.38	6,779.81	48.70	18.50	-77.78	-38.72	1,976.08	1,594.01	1,548.67	45.35	35.152		
9,300.00	6,982.47	6,867.03	6,774.53	50.22	18.50	-77.49	-38.70	1,976.93	1,673.44	1,628.42	45.02	37.169		
9,400.00	6,981.94	6,850.00	6,757.67	51.74	18.49	-76.54	-38.63	1,979.35	1,755.07	1,710.40	44.67	39.290		
9,500.00	6,981.41	6,850.00	6,757.67	53.28	18.49	-76.54	-38.63	1,979.35	1,838.26	1,793.84	44.43	41.377		
9,600.00	6,980.88	6,850.00	6,757.67	54.83	18.49	-76.54	-38.63	1,979.35	1,923.06	1,878.85	44.21	43.499		
9,700.00	6,980.35	6,850.00	6,757.67	56.38	18.49	-76.54	-38.63	1,979.35	2,009.25	1,965.24	44.01	45.651		
9,800.00	6,979.82	6,850.00	6,757.67	57.94	18.49	-76.54	-38.63	1,979.35	2,096.67	2,052.83	43.84	47.826		
9,900.00	6,979.29	6,850.00	6,757.67	59.51	18.49	-76.54	-38.63	1,979.35	2,185.17	2,141.49	43.68	50.021		
10,000.00	6,978.76	6,850.00	6,757.67	61.08	18.49	-76.54	-38.63	1,979.35	2,274.62	2,231.08	43.55	52.232		
10,100.00	6,978.23	6,850.00	6,757.67	62.65	18.49	-76.54	-38.63	1,979.35	2,364.92	2,321.49	43.43	54.455		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 13C-6-M - 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
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	6,977.70	6,850.00	6,757.67	64.24	18.49	-76.54	-38.63	1,979.35	2,455.97	2,412.65	43.32	56.688	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.13	-2.17	939.91	939.91					
100.00	100.00	100.00	100.00	3.28	3.28	90.13	-2.17	939.91	939.91	932.38	7.53	124.841		
200.00	200.00	200.00	200.00	3.31	3.31	90.13	-2.17	939.91	939.91	932.34	7.57	124.099		
300.00	299.98	297.48	297.46	3.35	3.34	-45.86	-3.82	939.92	938.71	931.06	7.65	122.678		
400.00	399.84	372.91	372.84	3.41	3.39	-45.92	-6.06	941.10	936.65	928.89	7.75	120.823		
500.00	499.45	448.33	448.17	3.49	3.45	-46.12	-8.09	944.26	934.77	926.89	7.89	118.535		
600.00	598.70	523.67	523.31	3.61	3.52	-46.43	-9.91	949.38	933.12	925.07	8.06	115.835		
700.00	697.47	600.00	599.28	3.76	3.61	-46.88	-11.54	956.57	931.74	923.47	8.27	112.705		
800.00	795.62	673.85	672.58	3.96	3.71	-47.44	-12.91	965.45	930.69	922.17	8.52	109.232		
834.74	829.60	700.00	698.48	4.04	3.74	-47.66	-13.34	969.04	930.54	921.92	8.62	107.945		
900.00	893.37	748.66	746.59	4.21	3.82	-48.07	-14.08	976.35	930.99	922.17	8.82	105.554		
1,000.00	991.11	834.10	830.78	4.48	3.98	-48.79	-15.20	990.82	933.82	924.63	9.19	101.642		
1,100.00	1,088.85	933.10	928.28	4.78	4.19	-49.63	-16.45	1,007.93	937.25	927.62	9.63	97.297		
1,200.00	1,186.59	1,032.09	1,025.77	5.10	4.42	-50.46	-17.71	1,025.04	940.88	930.77	10.12	92.998		
1,300.00	1,284.33	1,131.08	1,123.27	5.44	4.68	-51.28	-18.96	1,042.15	944.71	934.08	10.64	88.827		
1,400.00	1,382.08	1,230.07	1,220.76	5.80	4.95	-52.09	-20.22	1,059.26	948.74	937.56	11.18	84.837		
1,500.00	1,479.82	1,329.07	1,318.26	6.16	5.23	-52.90	-21.48	1,076.36	952.96	941.20	11.76	81.052		
1,600.00	1,577.56	1,428.06	1,415.75	6.54	5.53	-53.70	-22.73	1,093.47	957.37	945.02	12.35	77.518		
1,700.00	1,675.30	1,527.05	1,513.25	6.92	5.84	-54.49	-23.99	1,110.58	961.97	949.00	12.97	74.181		
1,800.00	1,773.04	1,626.05	1,610.74	7.31	6.15	-55.28	-25.24	1,127.69	966.75	953.15	13.60	71.076		
1,900.00	1,870.78	1,725.04	1,708.24	7.53	6.47	-56.06	-26.50	1,144.80	971.72	957.85	13.87	70.059		
2,000.00	1,968.53	1,824.03	1,805.73	7.58	6.77	-56.83	-27.76	1,161.91	976.87	962.87	14.00	69.796		
2,100.00	2,066.27	1,923.02	1,903.23	7.65	6.91	-57.59	-29.01	1,179.02	982.19	968.00	14.19	69.222		
2,200.00	2,164.01	2,022.02	2,000.72	7.74	6.96	-58.34	-30.27	1,196.13	987.69	973.38	14.31	69.009		
2,300.00	2,261.75	2,121.01	2,098.22	7.84	7.02	-59.09	-31.52	1,213.24	993.36	978.89	14.47	68.650		
2,400.00	2,359.49	2,220.00	2,195.71	7.96	7.09	-59.82	-32.78	1,230.35	999.20	984.53	14.66	68.154		
2,500.00	2,457.23	2,318.99	2,293.21	8.10	7.18	-60.55	-34.03	1,247.46	1,005.20	990.31	14.88	67.536		
2,600.00	2,554.98	2,417.99	2,390.70	8.26	7.28	-61.27	-35.29	1,264.57	1,011.36	996.23	15.14	66.810		
2,700.00	2,652.72	2,516.98	2,488.20	8.42	7.40	-61.98	-36.55	1,281.68	1,017.69	1,002.27	15.42	65.992		
2,800.00	2,750.46	2,615.97	2,585.69	8.61	7.54	-62.68	-37.80	1,298.79	1,024.17	1,008.44	15.73	65.097		
2,900.00	2,848.20	2,714.96	2,683.19	8.80	7.68	-63.38	-39.06	1,315.90	1,030.81	1,014.74	16.07	64.141		
3,000.00	2,945.94	2,813.96	2,780.68	9.01	7.84	-64.06	-40.31	1,333.01	1,037.60	1,021.16	16.43	63.138		
3,100.00	3,043.68	2,912.95	2,878.17	9.22	8.01	-64.74	-41.57	1,350.12	1,044.53	1,027.71	16.82	62.100		
3,200.00	3,141.43	3,011.94	2,975.67	9.45	8.18	-65.41	-42.83	1,367.23	1,051.61	1,034.38	17.23	61.040		
3,300.00	3,239.17	3,110.94	3,073.16	9.69	8.37	-66.06	-44.08	1,384.34	1,058.83	1,041.17	17.66	59.968		
3,400.00	3,336.91	3,209.93	3,170.66	9.93	8.57	-66.71	-45.34	1,401.45	1,066.19	1,048.09	18.10	58.893		
3,500.00	3,434.65	3,308.92	3,268.15	10.19	8.78	-67.35	-46.59	1,418.56	1,073.69	1,055.12	18.57	57.822		
3,600.00	3,532.39	3,407.91	3,365.65	10.45	8.99	-67.98	-47.85	1,435.67	1,081.32	1,062.27	19.05	56.762		
3,700.00	3,630.13	3,506.91	3,463.14	10.72	9.22	-68.61	-49.10	1,452.78	1,089.08	1,069.53	19.55	55.717		
3,800.00	3,727.87	3,605.90	3,560.64	11.00	9.45	-69.22	-50.36	1,469.89	1,096.97	1,076.91	20.06	54.693		
3,900.00	3,825.62	3,704.89	3,658.13	11.28	9.68	-69.83	-51.62	1,487.00	1,104.98	1,084.40	20.58	53.691		
4,000.00	3,923.36	3,803.88	3,755.63	11.57	9.92	-70.42	-52.87	1,504.11	1,113.12	1,092.00	21.12	52.715		
4,100.00	4,021.10	3,902.88	3,853.12	11.86	10.17	-71.01	-54.13	1,521.22	1,121.37	1,099.71	21.66	51.766		
4,200.00	4,118.84	4,001.87	3,950.62	12.16	10.42	-71.59	-55.38	1,538.33	1,129.75	1,107.53	22.22	50.845		
4,300.00	4,216.58	4,100.86	4,048.11	12.46	10.68	-72.16	-56.64	1,555.44	1,138.23	1,115.45	22.79	49.953		
4,400.00	4,314.32	4,200.14	4,145.61	12.77	10.94	-72.72	-57.90	1,572.55	1,146.83	1,123.47	23.36	49.090		
4,500.00	4,412.07	4,301.15	4,243.10	13.08	11.21	-73.28	-59.15	1,589.66	1,155.54	1,131.59	23.95	48.247		
4,600.00	4,509.81	4,402.16	4,340.60	13.39	11.49	-73.82	-60.41	1,606.77	1,164.36	1,139.81	24.55	47.433		
4,700.00	4,607.55	4,503.17	4,438.09	13.71	11.77	-74.36	-61.66	1,623.88	1,173.28	1,148.13	25.15	46.649		
4,800.00	4,705.29	4,604.17	4,535.59	14.03	12.05	-74.89	-62.92	1,640.99	1,182.30	1,156.54	25.76	45.894		
4,900.00	4,803.03	4,705.18	4,633.08	14.35	12.34	-75.41	-64.17	1,658.10	1,191.42	1,165.05	26.38	45.167		
5,000.00	4,900.77	4,806.19	4,730.58	14.68	12.63	-75.93	-65.43	1,675.21	1,200.64	1,173.64	27.00	44.468		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,907.20	4,828.07	15.01	12.92	-76.43	-66.69	1,692.32	1,209.96	1,182.33	27.63	43.795		
5,200.00	5,096.26	5,008.20	4,925.57	15.34	13.21	-76.93	-67.94	1,709.43	1,219.37	1,191.11	28.26	43.147		
5,300.00	5,194.00	5,109.21	5,023.06	15.67	13.51	-77.42	-69.20	1,726.54	1,228.87	1,199.97	28.90	42.525		
5,400.00	5,291.74	5,189.78	5,120.55	16.01	13.75	-77.91	-70.45	1,743.65	1,238.46	1,208.98	29.48	42.009		
5,500.00	5,389.48	5,288.77	5,218.05	16.35	14.05	-78.38	-71.71	1,760.76	1,248.13	1,218.01	30.12	41.438		
5,600.00	5,487.22	5,387.77	5,315.54	16.69	14.34	-78.85	-72.96	1,777.87	1,257.89	1,227.13	30.76	40.889		
5,700.00	5,584.96	5,486.76	5,413.04	17.03	14.64	-79.31	-74.22	1,794.98	1,267.74	1,236.33	31.41	40.361		
5,800.00	5,682.71	5,585.75	5,510.53	17.37	14.94	-79.77	-75.48	1,812.09	1,277.66	1,245.60	32.06	39.853		
5,900.00	5,780.45	5,684.75	5,608.03	17.72	15.24	-80.21	-76.73	1,829.20	1,287.67	1,254.95	32.71	39.363		
6,000.00	5,878.19	5,783.74	5,705.52	18.06	15.55	-80.65	-77.99	1,846.31	1,297.75	1,264.38	33.37	38.892		
6,100.00	5,975.93	5,882.73	5,803.02	18.41	15.85	-81.09	-79.24	1,863.42	1,307.90	1,273.88	34.03	38.438		
6,200.00	6,073.67	8,116.07	7,112.39	18.76	22.60	-147.07	-105.22	801.85	1,287.93	1,253.88	34.04	37.831		
6,300.00	6,171.41	8,098.74	7,112.88	19.11	22.43	-146.02	-105.10	819.16	1,220.47	1,185.66	34.80	35.069		
6,400.00	6,269.16	8,081.41	7,113.37	19.46	22.27	-144.98	-104.98	836.48	1,157.46	1,121.83	35.63	32.483		
6,500.00	6,366.90	8,064.09	7,113.86	19.81	22.10	-143.92	-104.87	853.80	1,099.68	1,063.16	36.52	30.111		
6,600.00	6,464.63	8,046.69	7,114.35	20.17	21.94	-140.57	-104.75	871.19	1,048.00	1,010.55	37.45	27.985		
6,700.00	6,560.49	8,020.26	7,115.09	20.55	21.69	-125.78	-104.58	897.61	1,004.32	965.99	38.32	26.207		
6,800.00	6,651.48	7,979.08	7,116.25	21.01	21.33	-119.10	-104.30	938.77	970.21	931.12	39.09	24.818		
6,900.00	6,735.38	7,924.18	7,117.80	21.54	20.87	-114.54	-103.94	993.65	945.76	906.01	39.74	23.798		
7,000.00	6,810.10	7,856.90	7,119.70	22.15	20.35	-110.54	-103.49	1,060.91	930.03	889.75	40.28	23.087		
7,100.00	6,873.81	7,778.89	7,121.89	22.82	19.81	-106.81	-102.97	1,138.88	921.38	880.63	40.75	22.600		
7,200.00	6,924.94	7,707.91	7,124.34	23.57	19.38	-103.50	-102.40	1,225.65	917.75	876.43	41.32	22.212		
7,281.88	6,956.55	7,615.94	7,126.49	24.23	18.92	-101.31	-101.89	1,301.76	917.08	875.39	41.69	21.998		
7,300.00	6,962.24	7,598.88	7,126.97	24.38	18.84	-100.91	-101.78	1,318.82	917.10	875.32	41.78	21.950		
7,400.00	6,984.78	7,476.84	7,118.94	25.26	18.43	-98.39	-100.81	1,440.40	916.52	873.98	42.54	21.543		
7,500.07	6,992.00	7,362.79	7,090.61	26.19	18.17	-96.20	-99.63	1,550.71	914.44	871.01	43.44	21.052		
7,600.00	6,991.48	7,259.88	7,048.53	27.18	18.04	-93.59	-98.37	1,644.50	911.88	867.49	44.38	20.546		
7,678.49	6,991.06	7,189.75	7,011.43	28.01	18.01	-91.28	-97.43	1,703.97	910.98	865.89	45.09	20.205 CC		
7,700.00	6,990.95	7,172.18	7,001.13	28.24	18.00	-90.64	-97.18	1,718.20	911.06	865.80	45.26	20.130 ES		
7,800.00	6,990.42	7,099.22	6,954.29	29.37	18.00	-87.71	-96.13	1,774.07	914.11	868.15	45.96	19.889		
7,900.00	6,989.89	7,039.05	6,911.06	30.54	18.02	-85.03	-95.22	1,815.88	922.72	876.27	46.45	19.866 SF		
8,000.00	6,989.36	6,989.41	6,872.55	31.77	18.03	-82.66	-94.46	1,847.16	938.04	891.34	46.71	20.083		
8,100.00	6,988.83	6,950.00	6,840.30	33.04	18.05	-80.69	-93.84	1,869.81	960.71	913.95	46.76	20.545		
8,200.00	6,988.30	6,913.79	6,809.50	34.34	18.06	-78.83	-93.27	1,888.82	990.86	944.22	46.64	21.243		
8,300.00	6,987.77	6,884.72	6,784.01	35.68	18.06	-77.31	-92.82	1,902.80	1,028.33	981.94	46.39	22.167		
8,400.00	6,987.24	6,859.94	6,761.81	37.05	18.07	-76.01	-92.43	1,913.78	1,072.66	1,026.61	46.04	23.296		
8,500.00	6,986.71	6,838.64	6,742.39	38.44	18.07	-74.88	-92.09	1,922.53	1,123.28	1,077.64	45.64	24.611		
8,600.00	6,986.18	6,820.17	6,725.33	39.85	18.07	-73.89	-91.80	1,929.58	1,179.54	1,134.33	45.21	26.088		
8,700.00	6,985.65	6,800.00	6,706.46	41.29	18.07	-72.82	-91.48	1,936.72	1,240.82	1,196.04	44.77	27.714		
8,800.00	6,985.12	6,800.00	6,706.46	42.74	18.07	-72.82	-91.48	1,936.72	1,306.54	1,262.14	44.40	29.427		
8,900.00	6,984.59	6,777.21	6,684.89	44.21	18.06	-71.60	-91.13	1,944.06	1,375.91	1,331.94	43.97	31.291		
9,000.00	6,984.06	6,765.98	6,674.17	45.69	18.06	-71.01	-90.95	1,947.39	1,448.69	1,405.09	43.61	33.223		
9,100.00	6,983.53	6,750.00	6,658.81	47.19	18.06	-70.16	-90.70	1,951.80	1,524.39	1,481.14	43.25	35.246		
9,200.00	6,983.00	6,750.00	6,658.81	48.70	18.06	-70.16	-90.70	1,951.80	1,602.54	1,559.56	42.98	37.284		
9,300.00	6,982.47	6,750.00	6,658.81	50.22	18.06	-70.16	-90.70	1,951.80	1,683.00	1,640.26	42.74	39.377		
9,400.00	6,981.94	6,731.11	6,640.52	51.74	18.05	-69.16	-90.41	1,956.51	1,765.12	1,722.67	42.46	41.576		
9,500.00	6,981.41	6,724.28	6,633.87	53.28	18.04	-68.80	-90.31	1,958.09	1,849.02	1,806.78	42.24	43.773		
9,600.00	6,980.88	6,718.01	6,627.76	54.83	18.04	-68.47	-90.21	1,959.47	1,934.38	1,892.33	42.05	45.999		
9,700.00	6,980.35	6,700.00	6,610.12	56.38	18.03	-67.53	-89.94	1,963.09	2,021.15	1,979.31	41.84	48.304		
9,800.00	6,979.82	6,700.00	6,610.12	57.94	18.03	-67.53	-89.94	1,963.09	2,108.82	2,067.10	41.72	50.548		
9,900.00	6,979.29	6,700.00	6,610.12	59.51	18.03	-67.53	-89.94	1,963.09	2,197.54	2,155.92	41.61	52.810		
10,000.00	6,978.76	6,700.00	6,610.12	61.08	18.03	-67.53	-89.94	1,963.09	2,287.18	2,245.66	41.52	55.085		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 13N-6B-M - Wellbore #1 - Design #1												<b>Offset Site Error:</b> 0.00 usft	
Survey Program: 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	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
10,100.00	6,978.23	6,700.00	6,610.12	62.65	18.03	-67.53	-89.94	1,963.09	2,377.66	2,336.22	41.44	57.371	
10,200.00	6,977.70	6,700.00	6,610.12	64.24	18.03	-67.53	-89.94	1,963.09	2,468.87	2,427.49	41.38	59.665	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.11	-1.80	919.86	919.87					
100.00	100.00	100.00	100.00	3.28	3.28	90.11	-1.80	919.86	919.87	912.34	7.53	122.179		
200.00	200.00	200.00	200.00	3.31	3.31	90.11	-1.80	919.86	919.87	912.29	7.57	121.452		
300.00	299.98	288.48	288.48	3.35	3.34	-45.96	-1.90	920.11	918.97	911.31	7.65	120.115		
400.00	399.84	365.46	365.43	3.41	3.39	-46.11	-2.65	922.03	917.83	910.08	7.75	118.461		
500.00	499.45	442.44	442.29	3.49	3.44	-46.33	-4.16	925.88	916.79	908.91	7.88	116.367		
600.00	598.70	519.42	519.02	3.61	3.51	-46.63	-6.41	931.66	915.86	907.82	8.05	113.822		
700.00	697.47	600.00	599.13	3.76	3.60	-47.01	-9.58	939.75	915.08	906.82	8.26	110.739		
800.00	795.62	673.35	671.81	3.96	3.71	-47.43	-13.17	948.95	914.44	905.92	8.52	107.376		
823.08	818.19	691.11	689.37	4.02	3.73	-47.54	-14.14	951.43	914.38	905.79	8.58	106.527		
900.00	893.37	750.35	747.81	4.21	3.83	-47.89	-17.67	960.46	914.96	906.13	8.82	103.696		
1,000.00	991.11	844.21	840.14	4.48	4.02	-48.39	-23.81	976.18	917.32	908.10	9.22	99.482		
1,100.00	1,088.85	943.81	938.11	4.78	4.25	-48.92	-30.36	992.92	919.85	910.17	9.68	95.033		
1,200.00	1,186.59	1,043.42	1,036.07	5.10	4.50	-49.45	-36.90	1,009.67	922.45	912.27	10.18	90.638		
1,300.00	1,284.33	1,143.02	1,134.04	5.44	4.77	-49.97	-43.45	1,026.42	925.13	914.42	10.71	86.381		
1,400.00	1,382.08	1,242.62	1,232.01	5.80	5.06	-50.50	-50.00	1,043.16	927.89	916.62	11.27	82.314		
1,500.00	1,479.82	1,342.22	1,329.97	6.16	5.36	-51.01	-56.54	1,059.91	930.73	918.87	11.86	78.461		
1,600.00	1,577.56	1,441.83	1,427.94	6.54	5.68	-51.53	-63.09	1,076.66	933.64	921.17	12.47	74.867		
1,700.00	1,675.30	1,541.43	1,525.91	6.92	6.00	-52.04	-69.63	1,093.40	936.63	923.53	13.10	71.488		
1,800.00	1,773.04	1,641.03	1,623.87	7.31	6.33	-52.55	-76.18	1,110.15	939.70	925.95	13.75	68.341		
1,900.00	1,870.78	1,740.64	1,721.84	7.53	6.68	-53.06	-82.72	1,126.90	942.83	928.80	14.03	67.179		
2,000.00	1,968.53	1,840.24	1,819.81	7.58	6.96	-53.56	-89.27	1,143.64	946.05	931.89	14.15	66.843		
2,100.00	2,066.27	1,939.84	1,917.77	7.65	7.09	-54.06	-95.81	1,160.39	949.33	935.00	14.33	66.245		
2,200.00	2,164.01	2,039.44	2,015.74	7.74	7.14	-54.55	-102.36	1,177.14	952.68	938.23	14.46	65.903		
2,300.00	2,261.75	2,139.05	2,113.71	7.84	7.20	-55.04	-108.90	1,193.88	956.11	941.49	14.62	65.414		
2,400.00	2,359.49	2,238.65	2,211.67	7.96	7.28	-55.53	-115.45	1,210.63	959.61	944.80	14.81	64.792		
2,500.00	2,457.23	2,338.25	2,309.64	8.10	7.38	-56.02	-121.99	1,227.38	963.17	948.14	15.04	64.051		
2,600.00	2,554.98	2,437.86	2,407.61	8.26	7.49	-56.50	-128.54	1,244.12	966.81	951.51	15.30	63.207		
2,700.00	2,652.72	2,537.46	2,505.57	8.42	7.62	-56.98	-135.08	1,260.87	970.51	954.93	15.58	62.275		
2,800.00	2,750.46	2,637.06	2,603.54	8.61	7.76	-57.45	-141.63	1,277.62	974.28	958.38	15.90	61.272		
2,900.00	2,848.20	2,736.67	2,701.51	8.80	7.91	-57.92	-148.18	1,294.36	978.12	961.88	16.24	60.212		
3,000.00	2,945.94	2,836.27	2,799.47	9.01	8.08	-58.39	-154.72	1,311.11	982.02	965.41	16.61	59.111		
3,100.00	3,043.68	2,935.87	2,897.44	9.22	8.26	-58.85	-161.27	1,327.86	985.99	968.99	17.01	57.980		
3,200.00	3,141.43	3,035.47	2,995.41	9.45	8.44	-59.31	-167.81	1,344.60	990.02	972.60	17.42	56.832		
3,300.00	3,239.17	3,135.08	3,093.37	9.69	8.64	-59.76	-174.36	1,361.35	994.12	976.26	17.86	55.676		
3,400.00	3,336.91	3,234.68	3,191.34	9.93	8.85	-60.22	-180.90	1,378.09	998.28	979.97	18.31	54.522		
3,500.00	3,434.65	3,334.28	3,289.31	10.19	9.07	-60.66	-187.45	1,394.84	1,002.50	983.71	18.78	53.375		
3,600.00	3,532.39	3,433.89	3,387.27	10.45	9.29	-61.11	-193.99	1,411.59	1,006.78	987.51	19.27	52.244		
3,700.00	3,630.13	3,533.49	3,485.24	10.72	9.52	-61.55	-200.54	1,428.33	1,011.12	991.34	19.78	51.131		
3,800.00	3,727.87	3,633.09	3,583.21	11.00	9.76	-61.99	-207.08	1,445.08	1,015.52	995.23	20.29	50.041		
3,900.00	3,825.62	3,732.70	3,681.17	11.28	10.01	-62.42	-213.63	1,461.83	1,019.98	999.15	20.83	48.978		
4,000.00	3,923.36	3,832.30	3,779.14	11.57	10.26	-62.85	-220.17	1,478.57	1,024.49	1,003.13	21.37	47.942		
4,100.00	4,021.10	3,931.90	3,877.11	11.86	10.52	-63.27	-226.72	1,495.32	1,029.07	1,007.14	21.92	46.936		
4,200.00	4,118.84	4,031.50	3,975.07	12.16	10.78	-63.69	-233.26	1,512.07	1,033.70	1,011.21	22.49	45.961		
4,300.00	4,216.58	4,131.11	4,073.04	12.46	11.05	-64.11	-239.81	1,528.81	1,038.39	1,015.32	23.07	45.017		
4,400.00	4,314.32	4,230.71	4,171.00	12.77	11.32	-64.53	-246.36	1,545.56	1,043.13	1,019.48	23.65	44.104		
4,500.00	4,412.07	4,330.31	4,268.97	13.08	11.60	-64.94	-252.90	1,562.31	1,047.92	1,023.68	24.25	43.222		
4,600.00	4,509.81	4,429.92	4,366.94	13.39	11.88	-65.34	-259.45	1,579.05	1,052.77	1,027.93	24.85	42.371		
4,700.00	4,607.55	4,529.52	4,464.90	13.71	12.16	-65.75	-265.99	1,595.80	1,057.67	1,032.22	25.46	41.550		
4,800.00	4,705.29	4,629.12	4,562.87	14.03	12.45	-66.15	-272.54	1,612.55	1,062.63	1,036.56	26.07	40.759		
4,900.00	4,803.03	4,728.72	4,660.84	14.35	12.74	-66.54	-279.08	1,629.29	1,067.63	1,040.94	26.69	39.997		
5,000.00	4,900.77	4,828.33	4,758.80	14.68	13.04	-66.93	-285.63	1,646.04	1,072.69	1,045.37	27.32	39.263		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,927.93	4,856.77	15.01	13.33	-67.32	-292.17	1,662.79	1,077.79	1,049.84	27.95	38.555		
5,200.00	5,096.26	5,027.53	4,954.74	15.34	13.63	-67.71	-298.72	1,679.53	1,082.95	1,054.35	28.59	37.874		
5,300.00	5,194.00	5,127.14	5,052.70	15.67	13.93	-68.09	-305.26	1,696.28	1,088.15	1,058.91	29.24	37.219		
5,400.00	5,291.74	5,226.74	5,150.67	16.01	14.24	-68.46	-311.81	1,713.03	1,093.40	1,063.52	29.88	36.587		
5,500.00	5,389.48	5,326.34	5,248.64	16.35	14.54	-68.84	-318.35	1,729.77	1,098.70	1,068.16	30.54	35.979		
5,600.00	5,487.22	5,425.95	5,346.60	16.69	14.85	-69.21	-324.90	1,746.52	1,104.04	1,072.85	31.19	35.393		
5,700.00	5,584.96	5,525.55	5,444.57	17.03	15.16	-69.57	-331.44	1,763.27	1,109.43	1,077.58	31.85	34.829		
5,800.00	5,682.71	5,625.15	5,542.54	17.37	15.47	-69.94	-337.99	1,780.01	1,114.87	1,082.35	32.52	34.285		
5,900.00	5,780.45	5,724.75	5,640.50	17.72	15.78	-70.30	-344.54	1,796.76	1,120.35	1,087.16	33.18	33.761		
6,000.00	5,878.19	5,824.36	5,738.47	18.06	16.10	-70.65	-351.08	1,813.51	1,125.87	1,092.01	33.85	33.256		
6,100.00	5,975.93	5,923.96	5,836.44	18.41	16.42	-71.00	-357.63	1,830.25	1,131.43	1,096.91	34.53	32.769		
6,200.00	6,073.67	6,023.56	5,934.40	18.76	16.73	-71.35	-364.17	1,847.00	1,137.04	1,101.84	35.20	32.299		
6,300.00	6,171.41	6,128.08	6,032.36	19.11	17.04	-71.70	-370.70	1,863.75	1,142.65	1,107.25	35.87	31.834		
6,400.00	6,269.16	6,226.54	6,130.32	19.46	17.35	-72.05	-377.23	1,880.50	1,148.26	1,112.66	36.54	31.370		
6,500.00	6,366.90	6,325.61	6,228.28	19.81	17.66	-72.40	-383.76	1,897.25	1,153.87	1,118.07	37.21	30.906		
6,600.00	6,464.63	6,424.28	6,326.24	20.17	17.97	-72.75	-390.29	1,914.00	1,159.48	1,123.48	37.88	30.442		
6,700.00	6,562.37	6,521.55	6,424.20	20.52	18.28	-73.10	-396.82	1,930.75	1,165.09	1,129.09	38.54	29.978		
6,800.00	6,660.11	6,618.62	6,522.16	20.87	18.59	-73.45	-403.35	1,947.50	1,170.70	1,134.70	39.20	29.514		
6,900.00	6,757.85	6,715.69	6,620.12	21.22	18.90	-73.80	-409.88	1,964.25	1,176.31	1,140.31	39.86	29.050		
7,000.00	6,855.59	6,813.65	6,718.08	21.57	19.21	-74.15	-416.41	1,981.00	1,181.92	1,145.92	40.52	28.586		
7,100.00	6,953.33	6,911.32	6,816.04	21.92	19.52	-74.50	-422.94	1,997.75	1,187.53	1,151.53	41.18	28.122		
7,200.00	7,051.07	7,008.61	6,913.99	22.27	19.83	-74.85	-429.47	2,014.50	1,193.14	1,157.14	41.84	27.658		
7,300.00	7,148.81	7,105.85	7,011.95	22.62	20.14	-75.20	-436.00	2,031.25	1,198.75	1,162.75	42.50	27.194		
7,400.00	7,246.55	7,203.59	7,110.01	22.97	20.45	-75.55	-442.53	2,048.00	1,204.36	1,168.36	43.16	26.730		
7,500.00	7,344.29	7,301.33	7,208.07	23.32	20.76	-75.90	-449.06	2,064.75	1,210.00	1,174.00	43.82	26.266		
7,600.00	7,442.03	7,399.07	7,306.13	23.67	21.07	-76.25	-455.59	2,081.50	1,215.61	1,179.61	44.48	25.802		
7,700.00	7,539.77	7,496.81	7,404.19	24.02	21.38	-76.60	-462.12	2,098.25	1,221.22	1,185.22	45.14	25.338		
7,800.00	7,637.51	7,594.55	7,502.25	24.37	21.69	-76.95	-468.65	2,115.00	1,226.83	1,190.83	45.80	24.874		
7,900.00	7,735.25	7,692.29	7,600.31	24.72	22.00	-77.30	-475.18	2,131.75	1,232.44	1,196.44	46.46	24.410		
8,000.00	7,833.00	7,790.03	7,698.37	25.07	22.31	-77.65	-481.71	2,148.50	1,238.05	1,202.05	47.12	23.946		
8,100.00	7,930.74	7,887.77	7,796.43	25.42	22.62	-78.00	-488.24	2,165.25	1,243.66	1,207.66	47.78	23.482		
8,200.00	8,028.48	7,985.51	7,894.49	25.77	22.93	-78.35	-494.77	2,182.00	1,249.27	1,213.27	48.44	23.018		
8,300.00	8,126.22	8,083.25	7,992.55	26.12	23.24	-78.70	-501.30	2,198.75	1,254.88	1,218.88	49.10	22.554		
8,400.00	8,223.96	8,181.00	8,090.61	26.47	23.55	-79.05	-507.83	2,215.50	1,260.49	1,224.49	49.76	22.090		
8,500.00	8,321.70	8,278.74	8,188.67	26.82	23.86	-79.40	-514.36	2,232.25	1,266.10	1,230.10	50.42	21.626		
8,600.00	8,419.44	8,376.48	8,286.73	27.17	24.17	-79.75	-520.89	2,249.00	1,271.71	1,235.71	51.08	21.162		
8,700.00	8,517.18	8,474.22	8,384.79	27.52	24.48	-80.10	-527.42	2,265.75	1,277.32	1,241.32	51.74	20.698		
8,800.00	8,614.92	8,571.96	8,482.85	27.87	24.79	-80.45	-533.95	2,282.50	1,282.93	1,246.93	52.40	20.234		
8,900.00	8,712.66	8,669.70	8,580.91	28.22	25.10	-80.80	-540.48	2,299.25	1,288.54	1,252.54	53.06	19.770		
9,000.00	8,810.40	8,767.44	8,679.00	28.57	25.41	-81.15	-547.01	2,316.00	1,294.15	1,258.15	53.72	19.306		
9,100.00	8,908.14	8,865.18	8,777.06	28.92	25.72	-81.50	-553.54	2,332.75	1,300.00	1,264.00	54.38	18.842		
9,200.00	9,005.88	8,962.92	8,875.12	29.27	26.03	-81.85	-560.07	2,349.50	1,305.61	1,269.61	55.04	18.378		
9,300.00	9,103.62	9,060.66	8,973.18	29.62	26.34	-82.20	-566.60	2,366.25	1,311.22	1,275.22	55.70	17.914		
9,400.00	9,201.36	9,158.40	9,071.24	29.97	26.65	-82.55	-573.13	2,383.00	1,316.83	1,280.83	56.36	17.450		
9,500.00	9,299.10	9,256.14	9,169.30	30.32	26.96	-82.90	-579.66	2,399.75	1,322.44	1,286.44	57.02	16.986		
9,600.00	9,396.84	9,353.88	9,267.36	30.67	27.27	-83.25	-586.19	2,416.50	1,328.05	1,292.05	57.68	16.522		
9,700.00	9,494.58	9,451.62	9,365.42	31.02	27.58	-83.60	-592.72	2,433.25	1,333.66	1,297.66	58.34	16.058		
9,800.00	9,592.32	9,549.36	9,463.48	31.37	27.89	-83.95	-599.25	2,450.00	1,339.27	1,303.27	59.00	15.594		
9,900.00	9,690.06	9,647.10	9,561.54	31.72	28.20	-84.30	-605.78	2,466.75	1,344.88	1,308.88	59.66	15.130		
10,000.00	9,787.80	9,744.84	9,659.60	32.07	28.51	-84.65	-612.31	2,483.50	1,350.49	1,314.49	60.32	14.666		
10,100.00	9,885.54	9,842.58	9,757.66	32.42	28.82	-85.00	-618.84	2,500.25	1,356.10	1,320.10	60.98	14.202		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	6,977.70	6,750.00	6,650.97	64.24	18.74	-60.40	-411.37	1,936.92	2,387.75	2,349.47	38.28	62.381	
10,300.00	6,977.17	6,750.00	6,650.97	65.82	18.74	-60.40	-411.37	1,936.92	2,483.70	2,445.36	38.34	64.782	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.58	0.73	-99.95	99.95					
100.00	100.00	101.00	101.00	3.28	3.28	-89.58	0.73	-99.95	99.95	92.42	7.53	13.276		
200.00	200.00	201.00	201.00	3.31	3.31	-89.58	0.73	-99.95	99.95	92.38	7.57	13.196	CC, ES	
300.00	299.98	300.98	300.98	3.35	3.35	135.11	0.73	-99.95	101.18	93.52	7.66	13.209		
400.00	399.84	400.84	400.84	3.41	3.42	137.07	0.73	-99.95	104.95	97.17	7.79	13.479		
500.00	499.45	500.45	500.45	3.49	3.50	140.03	0.73	-99.95	111.50	103.54	7.96	14.008		
600.00	598.70	600.30	599.70	3.61	3.61	143.61	0.73	-99.95	121.11	112.93	8.18	14.806		
700.00	697.47	701.53	698.47	3.76	3.74	147.43	0.73	-99.95	134.07	125.62	8.45	15.873		
800.00	795.62	803.38	796.62	3.96	3.88	151.16	0.73	-99.95	150.56	141.80	8.76	17.193		
900.00	893.37	894.37	894.37	4.21	4.02	154.58	0.73	-99.95	169.45	160.36	9.08	18.656		
1,000.00	991.11	997.94	997.92	4.48	4.18	157.69	0.75	-98.28	187.39	177.96	9.43	19.873		
1,100.00	1,088.85	1,102.70	1,102.53	4.78	4.35	160.74	0.84	-92.78	202.56	192.78	9.79	20.692		
1,200.00	1,186.59	1,208.05	1,207.45	5.10	4.53	163.88	0.97	-83.40	215.05	204.88	10.17	21.142		
1,300.00	1,284.33	1,313.70	1,312.26	5.44	4.74	167.21	1.17	-70.13	225.01	214.43	10.58	21.276		
1,400.00	1,382.08	1,419.37	1,416.53	5.80	4.98	170.79	1.43	-53.00	232.66	221.65	11.00	21.143		
1,500.00	1,479.82	1,520.41	1,515.71	6.16	5.23	174.44	1.71	-33.76	238.89	227.42	11.47	20.824		
1,600.00	1,577.56	1,619.10	1,612.56	6.54	5.50	177.84	1.99	-14.74	245.86	233.89	11.97	20.535		
1,700.00	1,675.30	1,717.79	1,709.40	6.92	5.78	-178.95	2.27	4.27	253.66	241.16	12.50	20.289		
1,800.00	1,773.04	1,816.49	1,806.25	7.31	6.05	-175.93	2.56	23.29	262.22	249.35	12.87	20.381		
1,900.00	1,870.78	1,915.18	1,903.09	7.53	6.20	-173.11	2.84	42.30	271.46	258.51	12.96	20.953		
2,000.00	1,968.53	2,013.88	1,999.94	7.58	6.24	-170.48	3.12	61.32	281.33	268.29	13.04	21.581		
2,100.00	2,066.27	2,112.57	2,096.79	7.65	6.30	-168.03	3.40	80.33	291.75	278.59	13.16	22.176		
2,200.00	2,164.01	2,211.27	2,193.63	7.74	6.37	-165.75	3.68	99.35	302.67	289.35	13.31	22.732		
2,300.00	2,261.75	2,309.96	2,290.48	7.84	6.47	-163.63	3.97	118.37	314.03	300.52	13.51	23.244		
2,400.00	2,359.49	2,408.66	2,387.32	7.96	6.58	-161.66	4.25	137.38	325.80	312.06	13.74	23.711		
2,500.00	2,457.23	2,507.35	2,484.17	8.10	6.71	-159.83	4.53	156.40	337.92	323.92	14.00	24.131		
2,600.00	2,554.98	2,606.05	2,581.01	8.26	6.86	-158.12	4.81	175.41	350.37	336.07	14.30	24.504		
2,700.00	2,652.72	2,704.74	2,677.86	8.42	7.02	-156.53	5.10	194.43	363.10	348.48	14.62	24.833		
2,800.00	2,750.46	2,803.44	2,774.70	8.61	7.19	-155.05	5.38	213.44	376.09	361.12	14.97	25.119		
2,900.00	2,848.20	2,902.13	2,871.55	8.80	7.38	-153.67	5.66	232.46	389.31	373.96	15.35	25.365		
3,000.00	2,945.94	3,000.83	2,968.39	9.01	7.57	-152.38	5.94	251.48	402.74	387.00	15.75	25.575		
3,100.00	3,043.68	3,100.48	3,065.24	9.22	7.79	-151.17	6.22	270.49	416.37	400.20	16.17	25.749		
3,200.00	3,141.43	3,201.78	3,162.08	9.45	8.01	-150.04	6.51	289.51	430.16	413.54	16.62	25.886		
3,300.00	3,239.17	3,303.09	3,258.93	9.69	8.25	-148.97	6.79	308.52	444.11	427.03	17.08	25.997		
3,400.00	3,336.91	3,404.39	3,355.77	9.93	8.49	-147.98	7.07	327.54	458.20	440.64	17.57	26.085		
3,500.00	3,434.65	3,505.70	3,452.62	10.19	8.74	-147.04	7.35	346.55	472.42	454.36	18.06	26.151		
3,600.00	3,532.39	3,607.00	3,549.46	10.45	9.00	-146.16	7.63	365.57	486.76	468.18	18.58	26.200		
3,700.00	3,630.13	3,708.31	3,646.31	10.72	9.27	-145.32	7.92	384.59	501.20	482.10	19.11	26.233		
3,800.00	3,727.87	3,809.62	3,743.15	11.00	9.54	-144.54	8.20	403.60	515.75	496.10	19.65	26.253		
3,900.00	3,825.62	3,889.08	3,840.00	11.28	9.76	-143.79	8.48	422.62	530.38	510.24	20.14	26.339		
4,000.00	3,923.36	3,987.77	3,936.84	11.57	10.03	-143.09	8.76	441.63	545.09	524.41	20.69	26.346		
4,100.00	4,021.10	4,086.47	4,033.69	11.86	10.31	-142.42	9.04	460.65	559.89	538.63	21.25	26.345		
4,200.00	4,118.84	4,185.16	4,130.53	12.16	10.59	-141.79	9.33	479.66	574.75	552.93	21.82	26.336		
4,300.00	4,216.58	4,283.86	4,227.38	12.46	10.88	-141.19	9.61	498.68	589.68	567.28	22.40	26.321		
4,400.00	4,314.32	4,382.55	4,324.22	12.77	11.17	-140.62	9.89	517.70	604.67	581.68	22.99	26.301		
4,500.00	4,412.07	4,481.25	4,421.07	13.08	11.47	-140.08	10.17	536.71	619.71	596.13	23.58	26.277		
4,600.00	4,509.81	4,579.94	4,517.91	13.39	11.77	-139.56	10.45	555.73	634.81	610.62	24.18	26.249		
4,700.00	4,607.55	4,678.64	4,614.76	13.71	12.07	-139.07	10.74	574.74	649.95	625.16	24.79	26.218		
4,800.00	4,705.29	4,777.33	4,711.60	14.03	12.37	-138.60	11.02	593.76	665.14	639.74	25.40	26.184		
4,900.00	4,803.03	4,876.03	4,808.45	14.35	12.68	-138.15	11.30	612.77	680.37	654.35	26.02	26.148		
5,000.00	4,900.77	4,974.72	4,905.29	14.68	12.99	-137.72	11.58	631.79	695.64	669.00	26.64	26.111		
5,100.00	4,998.52	5,073.42	5,002.14	15.01	13.30	-137.31	11.86	650.81	710.95	683.68	27.27	26.073		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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			
5,200.00	5,096.26	5,172.11	5,098.98	15.34	13.61	-136.91	12.15	669.82	726.30	698.40	27.90	26.033			
5,300.00	5,194.00	5,270.81	5,195.83	15.67	13.92	-136.53	12.43	688.84	741.67	713.14	28.53	25.993			
5,400.00	5,291.74	5,369.50	5,292.67	16.01	14.24	-136.17	12.71	707.85	757.07	727.90	29.17	25.953			
5,500.00	5,389.48	5,468.20	5,389.52	16.35	14.56	-135.82	12.99	726.87	772.51	742.70	29.81	25.912			
5,600.00	5,487.22	5,566.89	5,486.37	16.69	14.88	-135.49	13.27	745.88	787.97	757.51	30.46	25.871			
5,700.00	5,584.96	5,665.59	5,583.21	17.03	15.20	-135.17	13.56	764.90	803.45	772.35	31.11	25.830			
5,800.00	5,682.71	5,764.28	5,680.06	17.37	15.52	-134.86	13.84	783.92	818.96	787.21	31.76	25.789			
5,900.00	5,780.45	5,862.98	5,776.90	17.72	15.85	-134.56	14.12	802.93	834.50	802.09	32.41	25.748			
6,000.00	5,878.19	5,961.67	5,873.75	18.06	16.17	-134.27	14.40	821.95	850.05	816.98	33.07	25.708			
6,100.00	5,975.93	6,060.36	5,970.59	18.41	16.50	-133.99	14.68	840.96	865.62	831.90	33.72	25.668			
6,200.00	6,073.67	6,159.06	6,067.44	18.76	16.82	-133.73	14.97	859.98	881.22	846.83	34.38	25.628			
6,300.00	6,171.41	6,257.75	6,164.28	19.11	17.15	-133.47	15.25	878.99	896.83	861.78	35.05	25.589			
6,400.00	6,269.16	6,356.45	6,261.13	19.46	17.48	-133.22	15.53	898.01	912.45	876.74	35.71	25.550			
6,500.00	6,366.90	6,455.14	6,357.97	19.81	17.81	-132.98	15.81	917.03	928.10	891.72	36.38	25.512			
6,600.00	6,464.63	6,553.84	6,454.82	20.17	18.14	-129.84	16.09	936.04	943.75	906.71	37.05	25.475			
6,700.00	6,560.49	6,652.46	6,551.59	20.55	18.47	-111.27	16.38	955.04	958.72	921.00	37.71	25.421			
6,800.00	6,651.48	6,749.17	6,646.48	21.01	18.80	-103.61	16.65	973.68	972.55	934.16	38.39	25.331			
6,900.00	6,735.38	6,841.59	6,737.18	21.54	19.11	-100.35	16.92	991.48	985.86	946.79	39.07	25.230			
7,000.00	6,810.10	6,930.38	6,824.16	22.15	19.42	-99.24	17.17	1,009.23	999.82	960.05	39.77	25.140			
7,100.00	6,873.81	7,028.75	6,917.56	22.82	19.84	-99.33	17.49	1,039.80	1,014.83	974.16	40.67	24.954			
7,200.00	6,924.94	7,138.30	7,014.63	23.57	20.44	-100.13	17.89	1,090.29	1,030.43	988.57	41.86	24.618			
7,300.00	6,962.24	7,262.84	7,112.59	24.38	21.30	-101.50	18.39	1,166.88	1,045.89	1,002.47	43.42	24.086			
7,400.00	6,984.78	7,406.98	7,204.83	25.26	22.50	-103.34	19.00	1,277.23	1,060.10	1,014.63	45.47	23.313			
7,500.07	6,992.00	7,575.02	7,277.87	26.19	24.18	-105.46	19.72	1,428.03	1,071.43	1,023.28	48.14	22.255			
7,600.00	6,991.48	7,768.26	7,309.93	27.18	26.33	-107.15	20.49	1,617.83	1,076.68	1,025.11	51.57	20.878			
7,700.00	6,990.95	7,874.56	7,309.61	28.24	27.58	-107.15	20.88	1,724.13	1,076.95	1,023.00	53.95	19.962			
7,800.00	6,990.42	7,974.56	7,309.19	29.37	28.81	-107.16	21.25	1,824.13	1,077.21	1,020.88	56.32	19.126			
7,900.00	6,989.89	8,074.56	7,308.77	30.54	30.08	-107.16	21.62	1,924.13	1,077.46	1,018.68	58.78	18.331			
8,000.00	6,989.36	8,174.56	7,308.36	31.77	31.38	-107.16	21.99	2,024.13	1,077.72	1,016.41	61.31	17.579			
8,100.00	6,988.83	8,274.56	7,307.94	33.04	32.72	-107.16	22.36	2,124.13	1,077.97	1,014.07	63.90	16.870			
8,200.00	6,988.30	8,374.56	7,307.52	34.34	34.09	-107.17	22.73	2,224.12	1,078.23	1,011.68	66.55	16.202			
8,300.00	6,987.77	8,474.56	7,307.10	35.68	35.49	-107.17	23.10	2,324.12	1,078.49	1,009.24	69.25	15.574			
8,400.00	6,987.24	8,574.56	7,306.69	37.05	36.91	-107.17	23.47	2,424.12	1,078.74	1,006.75	71.99	14.984			
8,500.00	6,986.71	8,674.56	7,306.27	38.44	38.35	-107.17	23.84	2,524.12	1,079.00	1,004.22	74.77	14.430			
8,600.00	6,986.18	8,774.56	7,305.85	39.85	39.81	-107.17	24.21	2,624.12	1,079.25	1,001.66	77.59	13.909			
8,700.00	6,985.65	8,874.56	7,305.44	41.29	41.28	-107.18	24.58	2,724.11	1,079.51	999.07	80.44	13.420			
8,800.00	6,985.12	8,974.56	7,305.02	42.74	42.77	-107.18	24.95	2,824.11	1,079.77	996.45	83.32	12.960			
8,900.00	6,984.59	9,074.56	7,304.60	44.21	44.27	-107.18	25.32	2,924.11	1,080.02	993.80	86.22	12.526			
9,000.00	6,984.06	9,174.56	7,304.18	45.69	45.79	-107.18	25.69	3,024.11	1,080.28	991.13	89.14	12.118			
9,100.00	6,983.53	9,274.56	7,303.77	47.19	47.31	-107.18	26.06	3,124.11	1,080.53	988.44	92.09	11.734			
9,200.00	6,983.00	9,374.56	7,303.35	48.70	48.85	-107.19	26.43	3,224.10	1,080.79	985.74	95.05	11.370			
9,300.00	6,982.47	9,474.56	7,302.93	50.22	50.39	-107.19	26.80	3,324.10	1,081.04	983.01	98.03	11.027			
9,400.00	6,981.94	9,574.56	7,302.52	51.74	51.94	-107.19	27.17	3,424.10	1,081.30	980.27	101.03	10.703			
9,500.00	6,981.41	9,674.56	7,302.10	53.28	53.50	-107.19	27.54	3,524.10	1,081.56	977.52	104.04	10.395			
9,600.00	6,980.88	9,774.56	7,301.68	54.83	55.06	-107.19	27.91	3,624.10	1,081.81	974.75	107.06	10.104			
9,700.00	6,980.35	9,874.56	7,301.26	56.38	56.63	-107.20	28.28	3,724.10	1,082.07	971.97	110.10	9.828			
9,800.00	6,979.82	9,974.56	7,300.85	57.94	58.21	-107.20	28.65	3,824.09	1,082.32	969.18	113.14	9.566			
9,900.00	6,979.29	10,074.56	7,300.43	59.51	59.79	-107.20	29.01	3,924.09	1,082.58	966.38	116.20	9.316			
10,000.00	6,978.76	10,174.56	7,300.01	61.08	61.38	-107.20	29.38	4,024.09	1,082.84	963.57	119.27	9.079			
10,100.00	6,978.23	10,274.55	7,299.59	62.65	62.97	-107.20	29.75	4,124.09	1,083.09	960.75	122.34	8.853			
10,200.00	6,977.70	10,374.55	7,299.18	64.24	64.57	-107.21	30.12	4,224.09	1,083.35	957.93	125.42	8.638			
10,300.00	6,977.17	10,474.55	7,298.76	65.82	66.17	-107.21	30.49	4,324.08	1,083.60	955.09	128.51	8.432			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,400.00	6,976.64	10,574.55	7,298.34	67.41	67.77	-107.21	30.86	4,424.08	1,083.86	952.25	131.60	8.236		
10,500.00	6,976.11	10,674.55	7,297.93	69.01	69.37	-107.21	31.23	4,524.08	1,084.11	949.41	134.71	8.048		
10,600.00	6,975.58	10,774.55	7,297.51	70.61	70.98	-107.21	31.60	4,624.08	1,084.37	946.56	137.81	7.868		
10,700.00	6,975.05	10,874.55	7,297.09	72.21	72.60	-107.22	31.97	4,724.08	1,084.63	943.70	140.93	7.696		
10,800.00	6,974.52	10,974.55	7,296.67	73.81	74.21	-107.22	32.34	4,824.07	1,084.88	940.84	144.05	7.532		
10,900.00	6,973.99	11,074.55	7,296.26	75.42	75.83	-107.22	32.71	4,924.07	1,085.14	937.97	147.17	7.373		
11,000.00	6,973.46	11,174.55	7,295.84	77.03	77.45	-107.22	33.08	5,024.07	1,085.39	935.10	150.30	7.222		
11,100.00	6,972.93	11,274.55	7,295.42	78.65	79.07	-107.22	33.45	5,124.07	1,085.65	932.22	153.43	7.076		
11,200.00	6,972.40	11,374.55	7,295.01	80.26	80.69	-107.23	33.82	5,224.07	1,085.91	929.34	156.56	6.936		
11,300.00	6,971.87	11,474.55	7,294.59	81.88	82.32	-107.23	34.19	5,324.07	1,086.16	926.46	159.70	6.801		
11,400.00	6,971.34	11,574.55	7,294.17	83.50	83.95	-107.23	34.56	5,424.06	1,086.42	923.57	162.85	6.671		
11,500.00	6,970.81	11,674.55	7,293.75	85.12	85.58	-107.23	34.93	5,524.06	1,086.67	920.68	165.99	6.547		
11,600.00	6,970.28	11,774.55	7,293.34	86.75	87.21	-107.24	35.30	5,624.06	1,086.93	917.79	169.14	6.426		
11,700.00	6,969.75	11,874.55	7,292.92	88.37	88.84	-107.24	35.67	5,724.06	1,087.19	914.89	172.29	6.310		
11,800.00	6,969.22	11,974.55	7,292.50	90.00	90.47	-107.24	36.04	5,824.06	1,087.44	911.99	175.45	6.198		
11,900.00	6,968.69	12,074.55	7,292.08	91.63	92.11	-107.24	36.41	5,924.05	1,087.70	909.09	178.61	6.090		
12,000.00	6,968.16	12,174.55	7,291.67	93.26	93.74	-107.24	36.78	6,024.05	1,087.95	906.19	181.77	5.985		
12,100.00	6,967.63	12,274.55	7,291.25	94.89	95.38	-107.25	37.15	6,124.05	1,088.21	903.28	184.93	5.884		
12,200.00	6,967.10	12,374.55	7,290.83	96.53	97.02	-107.25	37.52	6,224.05	1,088.46	900.37	188.09	5.787		
12,300.00	6,966.57	12,474.55	7,290.42	98.16	98.66	-107.25	37.89	6,324.05	1,088.72	897.46	191.26	5.692		
12,400.00	6,966.04	12,574.55	7,290.00	99.80	100.30	-107.25	38.26	6,424.04	1,088.98	894.55	194.43	5.601		
12,500.00	6,965.51	12,674.55	7,289.58	101.44	101.94	-107.25	38.63	6,524.04	1,089.23	891.63	197.60	5.512		
12,600.00	6,964.98	12,774.55	7,289.16	103.08	103.59	-107.26	39.00	6,624.04	1,089.49	888.72	200.77	5.427		
12,700.00	6,964.45	12,874.55	7,288.75	104.72	105.23	-107.26	39.36	6,724.04	1,089.74	885.80	203.95	5.343		
12,800.00	6,963.92	12,974.55	7,288.33	106.36	106.88	-107.26	39.73	6,824.04	1,090.00	882.88	207.12	5.263		
12,900.00	6,963.39	13,074.55	7,287.91	108.00	108.52	-107.26	40.10	6,924.03	1,090.26	879.96	210.30	5.184		
13,000.00	6,962.86	13,174.55	7,287.50	109.64	110.17	-107.26	40.47	7,024.03	1,090.51	877.03	213.48	5.108		
13,100.00	6,962.33	13,274.54	7,287.08	111.28	111.82	-107.27	40.84	7,124.03	1,090.77	874.11	216.66	5.035		
13,200.00	6,961.80	13,374.54	7,286.66	112.93	113.47	-107.27	41.21	7,224.03	1,091.02	871.18	219.84	4.963		
13,300.00	6,961.27	13,474.54	7,286.24	114.57	115.11	-107.27	41.58	7,324.03	1,091.28	868.26	223.02	4.893		
13,400.00	6,960.74	13,574.54	7,285.83	116.22	116.76	-107.27	41.95	7,424.03	1,091.54	865.33	226.21	4.825		
13,500.00	6,960.21	13,674.54	7,285.41	117.87	118.41	-107.27	42.32	7,524.02	1,091.79	862.40	229.39	4.759		
13,600.00	6,959.68	13,774.54	7,284.99	119.51	120.06	-107.28	42.69	7,624.02	1,092.05	859.47	232.58	4.695		
13,700.00	6,959.15	13,874.54	7,284.57	121.16	121.72	-107.28	43.06	7,724.02	1,092.30	856.54	235.77	4.633		
13,800.00	6,958.62	13,974.54	7,284.16	122.81	123.37	-107.28	43.43	7,824.02	1,092.56	853.60	238.96	4.572		
13,900.00	6,958.09	14,074.54	7,283.74	124.46	125.02	-107.28	43.80	7,924.02	1,092.82	850.67	242.15	4.513		
14,000.00	6,957.56	14,174.54	7,283.32	126.11	126.67	-107.28	44.17	8,024.01	1,093.07	847.73	245.34	4.455		
14,100.00	6,957.03	14,274.54	7,282.91	127.76	128.33	-107.29	44.54	8,124.01	1,093.33	844.80	248.53	4.399		
14,200.00	6,956.50	14,374.54	7,282.49	129.41	129.98	-107.29	44.91	8,224.01	1,093.58	841.86	251.72	4.344		
14,300.00	6,955.97	14,474.54	7,282.07	131.07	131.64	-107.29	45.28	8,324.01	1,093.84	838.92	254.91	4.291		
14,400.00	6,955.44	14,574.54	7,281.65	132.72	133.29	-107.29	45.65	8,424.01	1,094.09	835.99	258.11	4.239		
14,500.00	6,954.91	14,674.54	7,281.24	134.37	134.95	-107.29	46.02	8,524.00	1,094.35	833.05	261.30	4.188		
14,600.00	6,954.38	14,774.54	7,280.82	136.02	136.60	-107.30	46.39	8,624.00	1,094.61	830.11	264.50	4.138		
14,700.00	6,953.85	14,874.54	7,280.40	137.68	138.26	-107.30	46.76	8,724.00	1,094.86	827.17	267.70	4.090		
14,800.00	6,953.32	14,974.54	7,279.99	139.33	139.91	-107.30	47.13	8,824.00	1,095.12	824.23	270.89	4.043		
14,900.00	6,952.79	15,074.54	7,279.57	140.99	141.57	-107.30	47.50	8,924.00	1,095.37	821.28	274.09	3.996		
15,000.00	6,952.26	15,174.54	7,279.15	142.64	143.23	-107.30	47.87	9,024.00	1,095.63	818.34	277.29	3.951		
15,100.00	6,951.73	15,274.54	7,278.73	144.30	144.89	-107.31	48.24	9,123.99	1,095.89	815.40	280.49	3.907		
15,200.00	6,951.20	15,374.54	7,278.32	145.95	146.54	-107.31	48.61	9,223.99	1,096.14	812.45	283.69	3.864		
15,300.00	6,950.67	15,474.54	7,277.90	147.61	148.20	-107.31	48.98	9,323.99	1,096.40	809.51	286.89	3.822		
15,400.00	6,950.14	15,574.54	7,277.48	149.27	149.86	-107.31	49.35	9,423.99	1,096.65	806.57	290.09	3.780		
15,500.00	6,949.61	15,674.54	7,277.06	150.92	151.52	-107.31	49.71	9,523.99	1,096.91	803.62	293.29	3.740		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor	
15,600.00	6,949.08	15,774.54	7,276.65	152.58	153.18	-107.32	50.08	9,623.98	1,097.17	800.67	296.49	3.700		
15,700.00	6,948.55	15,874.54	7,276.23	154.24	154.84	-107.32	50.45	9,723.98	1,097.42	797.73	299.69	3.662		
15,800.00	6,948.02	15,974.54	7,275.81	155.90	156.50	-107.32	50.82	9,823.98	1,097.68	794.78	302.90	3.624		
15,900.00	6,947.49	16,074.54	7,275.40	157.56	158.16	-107.32	51.19	9,923.98	1,097.93	791.83	306.10	3.587		
16,000.00	6,946.96	16,174.54	7,274.98	159.22	159.82	-107.32	51.56	10,023.98	1,098.19	788.88	309.30	3.551		
16,100.00	6,946.43	16,274.53	7,274.56	160.87	161.48	-107.33	51.93	10,123.97	1,098.45	785.94	312.51	3.515		
16,200.00	6,945.90	16,374.53	7,274.14	162.53	163.14	-107.33	52.30	10,223.97	1,098.70	782.99	315.71	3.480		
16,300.00	6,945.37	16,474.53	7,273.73	164.19	164.80	-107.33	52.67	10,323.97	1,098.96	780.04	318.92	3.446		
16,400.00	6,944.84	16,574.53	7,273.31	165.85	166.46	-107.33	53.04	10,423.97	1,099.21	777.09	322.12	3.412		
16,500.00	6,944.31	16,674.53	7,272.89	167.51	168.12	-107.33	53.41	10,523.97	1,099.47	774.14	325.33	3.380		
16,600.00	6,943.78	16,774.53	7,272.48	169.17	169.78	-107.34	53.78	10,623.97	1,099.73	771.19	328.54	3.347		
16,700.00	6,943.25	16,874.53	7,272.06	170.83	171.45	-107.34	54.15	10,723.96	1,099.98	768.24	331.74	3.316		
16,800.00	6,942.72	16,974.53	7,271.64	172.49	173.11	-107.34	54.52	10,823.96	1,100.24	765.29	334.95	3.285		
16,900.00	6,942.19	17,074.53	7,271.22	174.16	174.77	-107.34	54.89	10,923.96	1,100.49	762.34	338.16	3.254		
17,000.00	6,941.66	17,174.53	7,270.81	175.82	176.43	-107.34	55.26	11,023.96	1,100.75	759.38	341.36	3.225		
17,100.00	6,941.13	17,274.53	7,270.39	177.48	178.10	-107.35	55.63	11,123.96	1,101.00	756.43	344.57	3.195		
17,200.00	6,940.60	17,374.53	7,269.97	179.14	179.76	-107.35	56.00	11,223.95	1,101.26	753.48	347.78	3.167		
17,300.00	6,940.07	17,474.53	7,269.55	180.80	181.42	-107.35	56.37	11,323.95	1,101.52	750.53	350.99	3.138		
17,400.00	6,939.54	17,574.53	7,269.14	182.46	183.08	-107.35	56.74	11,423.95	1,101.77	747.58	354.20	3.111		
17,500.00	6,939.01	17,674.53	7,268.72	184.13	184.75	-107.35	57.11	11,523.95	1,102.03	744.62	357.41	3.083		
17,600.00	6,938.48	17,774.53	7,268.30	185.79	186.41	-107.36	57.48	11,623.95	1,102.28	741.67	360.62	3.057		
17,601.54	6,938.47	17,776.07	7,268.30	185.81	186.44	-107.36	57.48	11,625.49	1,102.29	741.62	360.67	3.056 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
0.00	0.00	1.00	1.00	3.28	3.28	-89.48	0.73	-79.90	79.91					
100.00	100.00	101.00	101.00	3.28	3.28	-89.48	0.73	-79.90	79.91	72.38	7.53	10.613		
200.00	200.00	201.00	201.00	3.31	3.31	-89.48	0.73	-79.90	79.91	72.33	7.57	10.550		
300.00	299.98	303.30	303.29	3.35	3.35	135.33	0.57	-78.70	79.97	72.31	7.66	10.445		
400.00	399.84	406.09	405.96	3.41	3.42	137.70	-0.07	-73.91	79.08	71.32	7.77	10.181		
500.00	499.45	508.73	508.24	3.49	3.51	141.75	-1.19	-65.49	77.45	69.53	7.92	9.780		
600.00	598.70	611.15	609.94	3.61	3.63	147.66	-2.80	-53.48	75.56	67.44	8.11	9.314		
700.00	697.47	713.25	710.82	3.76	3.79	155.57	-4.87	-37.92	74.13	65.79	8.35	8.883		
720.01	717.16	733.23	730.50	3.80	3.82	157.34	-5.33	-34.50	74.04	65.63	8.40	8.809 CC, ES		
800.00	795.62	812.61	808.69	3.96	3.98	164.66	-7.14	-20.92	75.69	67.03	8.66	8.740		
900.00	893.37	911.75	906.34	4.21	4.19	173.35	-9.41	-3.96	81.14	72.11	9.03	8.986		
1,000.00	991.11	1,010.88	1,003.98	4.48	4.43	-179.19	-11.67	13.01	88.23	78.79	9.45	9.341		
1,100.00	1,088.85	1,110.01	1,101.63	4.78	4.69	-172.91	-13.93	29.97	96.60	86.69	9.91	9.749		
1,200.00	1,186.59	1,209.15	1,199.27	5.10	4.96	-167.67	-16.19	46.93	105.95	95.53	10.42	10.172		
1,300.00	1,284.33	1,308.28	1,296.92	5.44	5.25	-163.31	-18.46	63.89	116.03	105.06	10.96	10.586		
1,400.00	1,382.08	1,407.41	1,394.56	5.80	5.55	-159.66	-20.72	80.85	126.67	115.13	11.54	10.978		
1,500.00	1,479.82	1,506.55	1,492.21	6.16	5.86	-156.58	-22.98	97.81	137.74	125.60	12.14	11.342		
1,600.00	1,577.56	1,605.68	1,589.85	6.54	6.18	-153.97	-25.25	114.78	149.15	136.38	12.77	11.677		
1,700.00	1,675.30	1,704.81	1,687.50	6.92	6.51	-151.72	-27.51	131.74	160.82	147.40	13.42	11.983		
1,800.00	1,773.04	1,803.95	1,785.14	7.31	6.83	-149.79	-29.77	148.70	172.71	158.63	14.08	12.266		
1,900.00	1,870.78	1,903.08	1,882.79	7.53	7.01	-148.10	-32.04	165.66	184.76	170.68	14.08	13.120		
2,000.00	1,968.53	2,002.21	1,980.43	7.58	7.05	-146.62	-34.30	182.62	196.95	182.76	14.19	13.878		
2,100.00	2,066.27	2,101.35	2,078.08	7.65	7.11	-145.32	-36.56	199.58	209.26	194.93	14.33	14.603		
2,200.00	2,164.01	2,200.48	2,175.72	7.74	7.18	-144.15	-38.83	216.55	221.66	207.16	14.50	15.289		
2,300.00	2,261.75	2,300.39	2,273.37	7.84	7.27	-143.12	-41.09	233.51	234.15	219.45	14.70	15.932		
2,400.00	2,359.49	2,401.25	2,371.01	7.96	7.37	-142.18	-43.35	250.47	246.70	231.77	14.92	16.531		
2,500.00	2,457.23	2,502.12	2,468.66	8.10	7.49	-141.34	-45.62	267.43	259.31	244.13	15.18	17.083		
2,600.00	2,554.98	2,602.99	2,566.30	8.26	7.62	-140.58	-47.88	284.39	271.96	256.50	15.46	17.590		
2,700.00	2,652.72	2,703.85	2,663.95	8.42	7.77	-139.88	-50.14	301.35	284.67	268.90	15.77	18.053		
2,800.00	2,750.46	2,804.72	2,761.59	8.61	7.92	-139.24	-52.41	318.32	297.41	281.31	16.10	18.472		
2,900.00	2,848.20	2,905.59	2,859.24	8.80	8.09	-138.66	-54.67	335.28	310.18	293.73	16.45	18.851		
3,000.00	2,945.94	3,006.46	2,956.88	9.01	8.27	-138.12	-56.93	352.24	322.98	306.15	16.83	19.190		
3,100.00	3,043.68	3,107.32	3,054.53	9.22	8.46	-137.62	-59.20	369.20	335.81	318.59	17.23	19.493		
3,200.00	3,141.43	3,208.19	3,152.17	9.45	8.66	-137.16	-61.46	386.16	348.66	331.02	17.64	19.763		
3,300.00	3,239.17	3,309.06	3,249.82	9.69	8.87	-136.74	-63.72	403.12	361.54	343.46	18.08	20.002		
3,400.00	3,336.91	3,409.92	3,347.46	9.93	9.09	-136.34	-65.99	420.09	374.43	355.90	18.52	20.213		
3,500.00	3,434.65	3,489.21	3,445.11	10.19	9.27	-135.97	-68.25	437.05	387.34	368.39	18.94	20.450		
3,600.00	3,532.39	3,588.34	3,542.75	10.45	9.49	-135.62	-70.51	454.01	400.26	380.84	19.41	20.617		
3,700.00	3,630.13	3,687.48	3,640.40	10.72	9.73	-135.29	-72.78	470.97	413.19	393.29	19.90	20.763		
3,800.00	3,727.87	3,786.61	3,738.04	11.00	9.97	-134.99	-75.04	487.93	426.14	405.74	20.40	20.891		
3,900.00	3,825.62	3,885.74	3,835.69	11.28	10.21	-134.70	-77.30	504.90	439.10	418.19	20.91	21.001		
4,000.00	3,923.36	3,984.88	3,933.33	11.57	10.46	-134.43	-79.57	521.86	452.07	430.64	21.43	21.097		
4,100.00	4,021.10	4,084.01	4,030.98	11.86	10.72	-134.17	-81.83	538.82	465.05	443.09	21.96	21.178		
4,200.00	4,118.84	4,183.14	4,128.62	12.16	10.98	-133.93	-84.09	555.78	478.04	455.54	22.50	21.248		
4,300.00	4,216.58	4,282.28	4,226.27	12.46	11.25	-133.70	-86.35	572.74	491.04	467.99	23.05	21.307		
4,400.00	4,314.32	4,381.41	4,323.91	12.77	11.51	-133.48	-88.62	589.70	504.04	480.44	23.60	21.356		
4,500.00	4,412.07	4,480.54	4,421.56	13.08	11.79	-133.27	-90.88	606.67	517.05	492.89	24.16	21.397		
4,600.00	4,509.81	4,579.68	4,519.20	13.39	12.06	-133.08	-93.14	623.63	530.07	505.33	24.73	21.431		
4,700.00	4,607.55	4,678.81	4,616.85	13.71	12.34	-132.89	-95.41	640.59	543.09	517.78	25.31	21.457		
4,800.00	4,705.29	4,777.94	4,714.49	14.03	12.62	-132.71	-97.67	657.55	556.12	530.22	25.89	21.478		
4,900.00	4,803.03	4,877.08	4,812.14	14.35	12.91	-132.54	-99.93	674.51	569.15	542.67	26.48	21.494		
5,000.00	4,900.77	4,976.21	4,909.78	14.68	13.20	-132.38	-102.20	691.47	582.19	555.12	27.07	21.505		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	5,075.34	5,007.43	15.01	13.48	-132.22	-104.46	708.44	595.23	567.56	27.67	21.511		
5,200.00	5,096.26	5,174.47	5,105.07	15.34	13.78	-132.07	-106.72	725.40	608.28	580.00	28.27	21.515		
5,300.00	5,194.00	5,273.61	5,202.72	15.67	14.07	-131.93	-108.99	742.36	621.33	592.45	28.88	21.515		
5,400.00	5,291.74	5,372.74	5,300.36	16.01	14.37	-131.79	-111.25	759.32	634.38	604.89	29.49	21.512		
5,500.00	5,389.48	5,471.87	5,398.01	16.35	14.67	-131.66	-113.51	776.28	647.44	617.33	30.10	21.506		
5,600.00	5,487.22	5,571.01	5,495.66	16.69	14.97	-131.53	-115.78	793.24	660.50	629.78	30.72	21.499		
5,700.00	5,584.96	5,670.14	5,593.30	17.03	15.27	-131.41	-118.04	810.21	673.56	642.22	31.34	21.490		
5,800.00	5,682.71	5,769.27	5,690.95	17.37	15.57	-131.30	-120.30	827.17	686.63	654.66	31.97	21.479		
5,900.00	5,780.45	5,868.41	5,788.59	17.72	15.88	-131.18	-122.57	844.13	699.70	667.10	32.60	21.466		
6,000.00	5,878.19	5,967.54	5,886.24	18.06	16.18	-131.08	-124.83	861.09	712.77	679.54	33.23	21.452		
6,100.00	5,975.93	6,066.67	5,983.88	18.41	16.49	-130.97	-127.09	878.05	725.84	691.98	33.86	21.438		
6,200.00	6,073.67	6,165.81	6,081.53	18.76	16.80	-130.87	-129.36	895.01	738.92	704.42	34.49	21.422		
6,300.00	6,171.41	6,264.94	6,179.17	19.11	17.11	-130.77	-131.62	911.98	752.00	716.87	35.13	21.405		
6,400.00	6,269.16	6,364.07	6,276.82	19.46	17.42	-130.68	-133.88	928.94	765.08	729.31	35.77	21.388		
6,500.00	6,366.90	6,463.21	6,374.46	19.81	17.73	-130.59	-136.15	945.90	778.16	741.75	36.41	21.370		
6,600.00	6,464.63	6,562.34	6,472.11	20.17	18.05	-127.62	-138.41	962.86	791.24	754.18	37.06	21.352		
6,700.00	6,560.49	6,661.18	6,569.46	20.55	18.36	-109.56	-140.67	979.77	803.30	765.61	37.69	21.314		
6,800.00	6,651.48	6,753.34	6,659.65	21.01	18.67	-102.30	-142.74	998.38	814.06	775.74	38.33	21.240		
6,900.00	6,735.38	6,845.04	6,746.03	21.54	19.07	-98.79	-144.65	1,028.89	824.39	785.27	39.12	21.075		
7,000.00	6,810.10	6,939.75	6,829.68	22.15	19.57	-97.05	-146.41	1,073.07	834.16	794.05	40.11	20.798		
7,100.00	6,873.81	7,037.93	6,908.49	22.82	20.19	-96.30	-147.97	1,131.43	843.18	801.85	41.33	20.402		
7,200.00	6,924.94	7,140.05	6,979.95	23.57	20.95	-96.21	-149.27	1,204.23	851.23	808.43	42.81	19.885		
7,300.00	6,962.24	7,246.52	7,041.06	24.38	21.85	-96.58	-150.23	1,291.25	858.07	813.51	44.57	19.253		
7,400.00	6,984.78	7,357.62	7,088.47	25.26	22.91	-97.31	-150.78	1,391.57	863.44	816.82	46.62	18.521		
7,500.00	6,992.00	7,473.54	7,118.59	26.19	24.12	-98.32	-150.84	1,503.34	867.04	818.11	48.93	17.719		
7,600.00	6,991.48	7,592.75	7,127.97	27.18	25.43	-98.97	-150.36	1,622.01	868.57	817.10	51.47	16.875		
7,700.00	6,990.95	7,707.25	7,127.53	28.24	26.75	-98.97	-149.75	1,722.01	869.05	815.08	53.97	16.104		
7,800.00	6,990.42	7,807.25	7,127.08	29.37	27.96	-98.97	-149.15	1,822.00	869.53	813.13	56.40	15.418		
7,900.00	6,989.89	7,907.26	7,126.63	30.54	29.22	-98.98	-148.54	1,922.00	870.01	811.09	58.91	14.768		
8,000.00	6,989.36	8,007.26	7,126.19	31.77	30.52	-98.98	-147.93	2,021.99	870.48	808.98	61.51	14.153		
8,100.00	6,988.83	8,107.26	7,125.74	33.04	31.86	-98.98	-147.32	2,121.99	870.96	806.80	64.16	13.574		
8,200.00	6,988.30	8,207.26	7,125.30	34.34	33.22	-98.98	-146.72	2,221.99	871.44	804.56	66.88	13.029		
8,300.00	6,987.77	8,307.26	7,124.85	35.68	34.62	-98.98	-146.11	2,321.98	871.92	802.26	69.65	12.518		
8,400.00	6,987.24	8,407.26	7,124.40	37.05	36.04	-98.98	-145.50	2,421.98	872.39	799.93	72.47	12.038		
8,500.00	6,986.71	8,507.26	7,123.96	38.44	37.47	-98.98	-144.90	2,521.97	872.87	797.55	75.33	11.588		
8,600.00	6,986.18	8,607.26	7,123.51	39.85	38.93	-98.98	-144.29	2,621.97	873.35	795.13	78.22	11.166		
8,700.00	6,985.65	8,707.26	7,123.06	41.29	40.41	-98.98	-143.68	2,721.97	873.83	792.68	81.14	10.769		
8,800.00	6,985.12	8,807.27	7,122.62	42.74	41.89	-98.98	-143.07	2,821.96	874.31	790.21	84.10	10.396		
8,900.00	6,984.59	8,907.27	7,122.17	44.21	43.40	-98.98	-142.47	2,921.96	874.78	787.71	87.08	10.046		
9,000.00	6,984.06	9,007.27	7,121.73	45.69	44.91	-98.98	-141.86	3,021.95	875.26	785.18	90.08	9.717		
9,100.00	6,983.53	9,107.27	7,121.28	47.19	46.44	-98.98	-141.25	3,121.95	875.74	782.64	93.10	9.406		
9,200.00	6,983.00	9,207.27	7,120.83	48.70	47.97	-98.98	-140.65	3,221.95	876.22	780.07	96.15	9.113		
9,300.00	6,982.47	9,307.27	7,120.39	50.22	49.52	-98.98	-140.04	3,321.94	876.69	777.49	99.21	8.837		
9,400.00	6,981.94	9,407.27	7,119.94	51.74	51.07	-98.98	-139.43	3,421.94	877.17	774.89	102.28	8.576		
9,500.00	6,981.41	9,507.27	7,119.49	53.28	52.63	-98.99	-138.83	3,521.93	877.65	772.28	105.37	8.329		
9,600.00	6,980.88	9,607.27	7,119.05	54.83	54.20	-98.99	-138.22	3,621.93	878.13	769.65	108.48	8.095		
9,700.00	6,980.35	9,707.28	7,118.60	56.38	55.77	-98.99	-137.61	3,721.93	878.60	767.01	111.59	7.873		
9,800.00	6,979.82	9,807.28	7,118.15	57.94	57.35	-98.99	-137.00	3,821.92	879.08	764.36	114.72	7.663		
9,900.00	6,979.29	9,892.72	7,117.71	59.51	58.70	-98.99	-136.40	3,921.92	879.56	761.93	117.63	7.478		
10,000.00	6,978.76	10,007.28	7,117.26	61.08	60.52	-98.99	-135.79	4,021.91	880.04	759.04	121.00	7.273		
10,100.00	6,978.23	10,107.28	7,116.82	62.65	62.11	-98.99	-135.18	4,121.91	880.52	756.36	124.15	7.092		
10,200.00	6,977.70	10,207.28	7,116.37	64.24	63.71	-98.99	-134.58	4,221.91	880.99	753.68	127.32	6.920		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,307.28	7,115.92	65.82	65.31	-98.99	-133.97	4,321.90	881.47	750.98	130.49	6.755		
10,400.00	6,976.64	10,407.28	7,115.48	67.41	66.91	-98.99	-133.36	4,421.90	881.95	748.28	133.66	6.598		
10,500.00	6,976.11	10,507.29	7,115.03	69.01	68.52	-98.99	-132.75	4,521.89	882.43	745.58	136.85	6.448		
10,600.00	6,975.58	10,607.29	7,114.58	70.61	70.13	-98.99	-132.15	4,621.89	882.90	742.87	140.04	6.305		
10,700.00	6,975.05	10,707.29	7,114.14	72.21	71.74	-98.99	-131.54	4,721.89	883.38	740.15	143.23	6.168		
10,800.00	6,974.52	10,807.29	7,113.69	73.81	73.36	-98.99	-130.93	4,821.88	883.86	737.43	146.43	6.036		
10,900.00	6,973.99	10,907.29	7,113.25	75.42	74.98	-98.99	-130.33	4,921.88	884.34	734.70	149.64	5.910		
11,000.00	6,973.46	11,007.29	7,112.80	77.03	76.60	-98.99	-129.72	5,021.87	884.81	731.97	152.85	5.789		
11,100.00	6,972.93	11,107.29	7,112.35	78.65	78.22	-98.99	-129.11	5,121.87	885.29	729.23	156.06	5.673		
11,200.00	6,972.40	11,207.29	7,111.91	80.26	79.85	-99.00	-128.50	5,221.87	885.77	726.49	159.28	5.561		
11,300.00	6,971.87	11,307.29	7,111.46	81.88	81.47	-99.00	-127.90	5,321.86	886.25	723.75	162.50	5.454		
11,400.00	6,971.34	11,407.30	7,111.01	83.50	83.10	-99.00	-127.29	5,421.86	886.73	721.00	165.72	5.351		
11,500.00	6,970.81	11,507.30	7,110.57	85.12	84.73	-99.00	-126.68	5,521.85	887.20	718.25	168.95	5.251		
11,600.00	6,970.28	11,607.30	7,110.12	86.75	86.36	-99.00	-126.08	5,621.85	887.68	715.50	172.18	5.155		
11,700.00	6,969.75	11,707.30	7,109.68	88.37	88.00	-99.00	-125.47	5,721.85	888.16	712.74	175.42	5.063		
11,800.00	6,969.22	11,807.30	7,109.23	90.00	89.63	-99.00	-124.86	5,821.84	888.64	709.98	178.65	4.974		
11,900.00	6,968.69	11,892.70	7,108.78	91.63	91.03	-99.00	-124.26	5,921.84	889.11	707.46	181.66	4.894		
12,000.00	6,968.16	12,007.30	7,108.34	93.26	92.91	-99.00	-123.65	6,021.83	889.59	704.46	185.14	4.805		
12,100.00	6,967.63	12,107.30	7,107.89	94.89	94.54	-99.00	-123.04	6,121.83	890.07	701.69	188.38	4.725		
12,200.00	6,967.10	12,207.30	7,107.44	96.53	96.18	-99.00	-122.43	6,221.83	890.55	698.92	191.63	4.647		
12,300.00	6,966.57	12,307.31	7,107.00	98.16	97.82	-99.00	-121.83	6,321.82	891.02	696.15	194.88	4.572		
12,400.00	6,966.04	12,407.31	7,106.55	99.80	99.47	-99.00	-121.22	6,421.82	891.50	693.37	198.13	4.500		
12,500.00	6,965.51	12,507.31	7,106.10	101.44	101.11	-99.00	-120.61	6,521.81	891.98	690.60	201.38	4.429		
12,600.00	6,964.98	12,607.31	7,105.66	103.08	102.75	-99.00	-120.01	6,621.81	892.46	687.82	204.64	4.361		
12,700.00	6,964.45	12,707.31	7,105.21	104.72	104.40	-99.00	-119.40	6,721.81	892.93	685.04	207.89	4.295		
12,800.00	6,963.92	12,807.31	7,104.77	106.36	106.04	-99.00	-118.79	6,821.80	893.41	682.26	211.15	4.231		
12,900.00	6,963.39	12,907.31	7,104.32	108.00	107.69	-99.01	-118.18	6,921.80	893.89	679.48	214.41	4.169		
13,000.00	6,962.86	13,007.31	7,103.87	109.64	109.34	-99.01	-117.58	7,021.79	894.37	676.70	217.67	4.109		
13,100.00	6,962.33	13,107.31	7,103.43	111.28	110.99	-99.01	-116.97	7,121.79	894.85	673.91	220.93	4.050		
13,200.00	6,961.80	13,207.32	7,102.98	112.93	112.63	-99.01	-116.36	7,221.79	895.32	671.12	224.20	3.993		
13,300.00	6,961.27	13,307.32	7,102.53	114.57	114.28	-99.01	-115.76	7,321.78	895.80	668.34	227.47	3.938		
13,400.00	6,960.74	13,407.32	7,102.09	116.22	115.93	-99.01	-115.15	7,421.78	896.28	665.55	230.73	3.884		
13,500.00	6,960.21	13,492.68	7,101.64	117.87	117.34	-99.01	-114.54	7,521.77	896.76	663.00	233.76	3.836		
13,600.00	6,959.68	13,607.32	7,101.20	119.51	119.24	-99.01	-113.93	7,621.77	897.23	659.96	237.27	3.781		
13,700.00	6,959.15	13,707.32	7,100.75	121.16	120.89	-99.01	-113.33	7,721.77	897.71	657.17	240.54	3.732		
13,800.00	6,958.62	13,807.32	7,100.30	122.81	122.54	-99.01	-112.72	7,821.76	898.19	654.38	243.81	3.684		
13,900.00	6,958.09	13,907.32	7,099.86	124.46	124.19	-99.01	-112.11	7,921.76	898.67	651.58	247.08	3.637		
14,000.00	6,957.56	14,007.33	7,099.41	126.11	125.85	-99.01	-111.51	8,021.75	899.14	648.79	250.36	3.591		
14,100.00	6,957.03	14,107.33	7,098.96	127.76	127.50	-99.01	-110.90	8,121.75	899.62	645.99	253.63	3.547		
14,200.00	6,956.50	14,207.33	7,098.52	129.41	129.15	-99.01	-110.29	8,221.75	900.10	643.19	256.91	3.504		
14,300.00	6,955.97	14,307.33	7,098.07	131.07	130.81	-99.01	-109.68	8,321.74	900.58	640.39	260.19	3.461		
14,400.00	6,955.44	14,407.33	7,097.63	132.72	132.46	-99.01	-109.08	8,421.74	901.06	637.59	263.46	3.420		
14,500.00	6,954.91	14,507.33	7,097.18	134.37	134.12	-99.01	-108.47	8,521.73	901.53	634.79	266.74	3.380		
14,600.00	6,954.38	14,607.33	7,096.73	136.02	135.78	-99.01	-107.86	8,621.73	902.01	631.99	270.02	3.341		
14,700.00	6,953.85	14,707.33	7,096.29	137.68	137.43	-99.02	-107.26	8,721.73	902.49	629.19	273.30	3.302		
14,800.00	6,953.32	14,807.33	7,095.84	139.33	139.09	-99.02	-106.65	8,821.72	902.97	626.39	276.58	3.265		
14,900.00	6,952.79	14,907.34	7,095.39	140.99	140.75	-99.02	-106.04	8,921.72	903.44	623.58	279.86	3.228		
15,000.00	6,952.26	15,007.34	7,094.95	142.64	142.40	-99.02	-105.44	9,021.71	903.92	620.78	283.14	3.192		
15,100.00	6,951.73	15,107.34	7,094.50	144.30	144.06	-99.02	-104.83	9,121.71	904.40	617.97	286.42	3.158		
15,200.00	6,951.20	15,207.34	7,094.05	145.95	145.72	-99.02	-104.22	9,221.71	904.88	615.17	289.71	3.123		
15,300.00	6,950.67	15,307.34	7,093.61	147.61	147.38	-99.02	-103.61	9,321.70	905.35	612.36	292.99	3.090		
15,400.00	6,950.14	15,407.34	7,093.16	149.27	149.04	-99.02	-103.01	9,421.70	905.83	609.56	296.28	3.057		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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
15,500.00	6,949.61	15,507.34	7,092.72	150.92	150.70	-99.02	-102.40	9,521.69	906.31	606.75	299.56	3.025	
15,600.00	6,949.08	15,607.34	7,092.27	152.58	152.36	-99.02	-101.79	9,621.69	906.79	603.94	302.85	2.994	
15,700.00	6,948.55	15,707.34	7,091.82	154.24	154.02	-99.02	-101.19	9,721.69	907.27	601.13	306.13	2.964	
15,800.00	6,948.02	15,807.35	7,091.38	155.90	155.68	-99.02	-100.58	9,821.68	907.74	598.32	309.42	2.934	
15,900.00	6,947.49	15,907.35	7,090.93	157.56	157.34	-99.02	-99.97	9,921.68	908.22	595.52	312.71	2.904	
16,000.00	6,946.96	16,007.35	7,090.48	159.22	159.00	-99.02	-99.36	10,021.67	908.70	592.71	315.99	2.876	
16,100.00	6,946.43	16,107.35	7,090.04	160.87	160.66	-99.02	-98.76	10,121.67	909.18	589.90	319.28	2.848	
16,200.00	6,945.90	16,207.35	7,089.59	162.53	162.32	-99.02	-98.15	10,221.67	909.65	587.08	322.57	2.820	
16,300.00	6,945.37	16,307.35	7,089.15	164.19	163.98	-99.02	-97.54	10,321.66	910.13	584.27	325.86	2.793	
16,400.00	6,944.84	16,407.35	7,088.70	165.85	165.64	-99.02	-96.94	10,421.66	910.61	581.46	329.15	2.767	
16,500.00	6,944.31	16,507.35	7,088.25	167.51	167.30	-99.03	-96.33	10,521.66	911.09	578.65	332.44	2.741	
16,600.00	6,943.78	16,607.35	7,087.81	169.17	168.96	-99.03	-95.72	10,621.65	911.56	575.84	335.73	2.715	
16,700.00	6,943.25	16,707.36	7,087.36	170.83	170.63	-99.03	-95.11	10,721.65	912.04	573.02	339.02	2.690	
16,800.00	6,942.72	16,807.36	7,086.91	172.49	172.29	-99.03	-94.51	10,821.64	912.52	570.21	342.31	2.666	
16,900.00	6,942.19	16,907.36	7,086.47	174.16	173.95	-99.03	-93.90	10,921.64	913.00	567.40	345.60	2.642	
17,000.00	6,941.66	17,007.36	7,086.02	175.82	175.61	-99.03	-93.29	11,021.64	913.48	564.58	348.89	2.618	
17,100.00	6,941.13	17,107.36	7,085.58	177.48	177.28	-99.03	-92.69	11,121.63	913.95	561.77	352.18	2.595	
17,200.00	6,940.60	17,207.36	7,085.13	179.14	178.94	-99.03	-92.08	11,221.63	914.43	558.95	355.48	2.572	
17,300.00	6,940.07	17,307.36	7,084.68	180.80	180.60	-99.03	-91.47	11,321.62	914.91	556.14	358.77	2.550	
17,400.00	6,939.54	17,407.36	7,084.24	182.46	182.27	-99.03	-90.87	11,421.62	915.39	553.32	362.06	2.528	
17,500.00	6,939.01	17,507.37	7,083.79	184.13	183.93	-99.03	-90.26	11,521.62	915.86	550.51	365.36	2.507	
17,600.00	6,938.48	17,607.37	7,083.34	185.79	185.59	-99.03	-89.65	11,621.61	916.34	547.69	368.65	2.486 SF	
17,601.54	6,938.47	17,605.82	7,083.34	185.81	185.57	-99.03	-89.64	11,623.16	916.35	547.70	368.65	2.486	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.30	0.73	-59.86	59.86					
100.00	100.00	100.00	100.00	3.28	3.28	-89.30	0.73	-59.86	59.86	52.33	7.53	7.951		
200.00	200.00	200.00	200.00	3.31	3.31	-89.30	0.73	-59.86	59.86	52.29	7.57	7.904		
300.00	299.98	302.03	302.01	3.35	3.35	135.40	0.17	-58.13	59.39	51.74	7.65	7.760		
400.00	399.84	404.01	403.84	3.41	3.41	137.59	-1.52	-52.95	58.04	50.28	7.76	7.476		
500.00	499.45	505.90	505.31	3.49	3.51	141.44	-4.31	-44.34	55.99	48.07	7.91	7.074		
600.00	598.70	607.64	606.27	3.61	3.63	147.26	-8.22	-32.32	53.56	45.46	8.10	6.611		
700.00	697.47	708.86	706.20	3.76	3.79	155.36	-13.18	-17.05	51.38	43.05	8.34	6.164		
726.89	723.93	735.66	732.61	3.81	3.84	157.89	-14.59	-12.71	51.22	42.80	8.42	6.086 CC, ES		
800.00	795.62	808.45	804.34	3.96	3.98	165.13	-18.42	-0.93	52.50	43.86	8.64	6.075		
900.00	893.37	907.95	902.38	4.21	4.20	174.46	-23.65	15.18	57.14	48.14	9.00	6.349		
1,000.00	991.11	1,007.44	1,000.42	4.48	4.44	-177.78	-28.89	31.29	63.08	53.67	9.41	6.705		
1,100.00	1,088.85	1,106.93	1,098.46	4.78	4.70	-171.44	-34.12	47.39	69.97	60.10	9.86	7.093		
1,200.00	1,186.59	1,206.42	1,196.50	5.10	4.98	-166.28	-39.35	63.50	77.55	67.19	10.36	7.483		
1,300.00	1,284.33	1,305.91	1,294.54	5.44	5.27	-162.06	-44.59	79.60	85.66	74.75	10.90	7.856		
1,400.00	1,382.08	1,405.40	1,392.58	5.80	5.57	-158.59	-49.82	95.71	94.14	82.66	11.47	8.204		
1,500.00	1,479.82	1,504.89	1,490.62	6.16	5.88	-155.69	-55.05	111.81	102.91	90.84	12.07	8.523		
1,600.00	1,577.56	1,604.38	1,588.66	6.54	6.20	-153.26	-60.28	127.92	111.90	99.20	12.70	8.813		
1,700.00	1,675.30	1,703.88	1,686.70	6.92	6.53	-151.19	-65.52	144.02	121.06	107.72	13.34	9.076		
1,800.00	1,773.04	1,803.37	1,784.74	7.31	6.86	-149.41	-70.75	160.13	130.36	116.37	13.99	9.317		
1,900.00	1,870.78	1,902.86	1,882.77	7.53	7.04	-147.87	-75.98	176.24	139.76	125.77	13.99	9.991		
2,000.00	1,968.53	2,002.35	1,980.81	7.58	7.08	-146.53	-81.22	192.34	149.25	135.16	14.09	10.589		
2,100.00	2,066.27	2,101.84	2,078.85	7.65	7.13	-145.35	-86.45	208.45	158.82	144.59	14.23	11.160		
2,200.00	2,164.01	2,201.33	2,176.89	7.74	7.21	-144.30	-91.68	224.55	168.44	154.04	14.40	11.700		
2,300.00	2,261.75	2,300.82	2,274.93	7.84	7.29	-143.36	-96.92	240.66	178.11	163.52	14.59	12.206		
2,400.00	2,359.49	2,400.31	2,372.97	7.96	7.39	-142.52	-102.15	256.76	187.83	173.01	14.81	12.679		
2,500.00	2,457.23	2,500.19	2,471.01	8.10	7.51	-141.77	-107.38	272.87	197.58	182.51	15.07	13.115		
2,600.00	2,554.98	2,600.70	2,569.05	8.26	7.64	-141.08	-112.61	288.97	207.36	192.02	15.34	13.514		
2,700.00	2,652.72	2,701.21	2,667.09	8.42	7.78	-140.46	-117.85	305.08	217.17	201.52	15.65	13.879		
2,800.00	2,750.46	2,801.72	2,765.13	8.61	7.94	-139.89	-123.08	321.18	227.00	211.03	15.97	14.210		
2,900.00	2,848.20	2,897.77	2,863.17	8.80	8.10	-139.37	-128.31	337.29	236.85	220.54	16.32	14.515		
3,000.00	2,945.94	3,002.74	2,961.21	9.01	8.29	-138.89	-133.55	353.40	246.72	230.03	16.70	14.777		
3,100.00	3,043.68	3,103.25	3,059.25	9.22	8.48	-138.44	-138.78	369.50	256.61	239.52	17.09	15.016		
3,200.00	3,141.43	3,203.76	3,157.29	9.45	8.68	-138.03	-144.01	385.61	266.51	249.01	17.50	15.230		
3,300.00	3,239.17	3,304.26	3,255.33	9.69	8.88	-137.65	-149.25	401.71	276.42	258.49	17.93	15.419		
3,400.00	3,336.91	3,404.77	3,353.37	9.93	9.10	-137.30	-154.48	417.82	286.35	267.97	18.37	15.586		
3,500.00	3,434.65	3,505.28	3,451.41	10.19	9.33	-136.97	-159.71	433.92	296.28	277.45	18.83	15.733		
3,600.00	3,532.39	3,594.21	3,549.45	10.45	9.53	-136.66	-164.95	450.03	306.22	286.94	19.28	15.883		
3,700.00	3,630.13	3,706.30	3,647.49	10.72	9.79	-136.37	-170.18	466.13	316.18	296.38	19.79	15.974		
3,800.00	3,727.87	3,806.81	3,745.52	11.00	10.04	-136.09	-175.41	482.24	326.13	305.84	20.29	16.072		
3,900.00	3,825.62	3,907.32	3,843.56	11.28	10.29	-135.84	-180.64	498.35	336.10	315.30	20.80	16.156		
4,000.00	3,923.36	4,007.83	3,941.60	11.57	10.54	-135.60	-185.88	514.45	346.07	324.75	21.32	16.229		
4,100.00	4,021.10	4,108.33	4,039.64	11.86	10.80	-135.37	-191.11	530.56	356.05	334.19	21.86	16.291		
4,200.00	4,118.84	4,208.84	4,137.68	12.16	11.07	-135.15	-196.34	546.66	366.03	343.64	22.40	16.343		
4,300.00	4,216.58	4,309.35	4,235.72	12.46	11.34	-134.95	-201.58	562.77	376.02	353.08	22.95	16.388		
4,400.00	4,314.32	4,409.86	4,333.76	12.77	11.61	-134.76	-206.81	578.87	386.01	362.51	23.50	16.425		
4,500.00	4,412.07	4,489.63	4,431.80	13.08	11.83	-134.57	-212.04	594.98	396.01	372.00	24.01	16.494		
4,600.00	4,509.81	4,589.12	4,529.84	13.39	12.11	-134.40	-217.28	611.08	406.01	381.43	24.58	16.520		
4,700.00	4,607.55	4,688.61	4,627.88	13.71	12.39	-134.23	-222.51	627.19	416.02	390.86	25.15	16.541		
4,800.00	4,705.29	4,788.11	4,725.92	14.03	12.67	-134.07	-227.74	643.30	426.02	400.29	25.73	16.557		
4,900.00	4,803.03	4,887.60	4,823.96	14.35	12.96	-133.92	-232.97	659.40	436.03	409.72	26.32	16.569		
5,000.00	4,900.77	4,987.09	4,922.00	14.68	13.25	-133.78	-238.21	675.51	446.05	419.14	26.91	16.578		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	5,086.58	5,020.04	15.01	13.54	-133.64	-243.44	691.61	456.06	428.56	27.50	16.583		
5,200.00	5,096.26	5,186.07	5,118.08	15.34	13.83	-133.51	-248.67	707.72	466.08	437.98	28.10	16.586		
5,300.00	5,194.00	5,285.56	5,216.12	15.67	14.13	-133.38	-253.91	723.82	476.10	447.40	28.70	16.586		
5,400.00	5,291.74	5,385.05	5,314.16	16.01	14.43	-133.26	-259.14	739.93	486.13	456.81	29.31	16.584		
5,500.00	5,389.48	5,484.54	5,412.20	16.35	14.73	-133.14	-264.37	756.03	496.15	466.23	29.92	16.580		
5,600.00	5,487.22	5,584.04	5,510.24	16.69	15.03	-133.03	-269.61	772.14	506.18	475.64	30.54	16.574		
5,700.00	5,584.96	5,683.53	5,608.27	17.03	15.33	-132.92	-274.84	788.24	516.21	485.05	31.16	16.567		
5,800.00	5,682.71	5,783.02	5,706.31	17.37	15.64	-132.82	-280.07	804.35	526.24	494.46	31.78	16.558		
5,900.00	5,780.45	5,882.51	5,804.35	17.72	15.94	-132.72	-285.31	820.46	536.27	503.86	32.41	16.549		
6,000.00	5,878.19	5,982.00	5,902.39	18.06	16.25	-132.62	-290.54	836.56	546.30	513.27	33.03	16.538		
6,100.00	5,975.93	6,081.49	6,000.43	18.41	16.56	-132.53	-295.77	852.67	556.34	522.68	33.66	16.527		
6,200.00	6,073.67	6,180.98	6,098.47	18.76	16.87	-132.44	-301.00	868.77	566.38	532.08	34.30	16.514		
6,300.00	6,171.41	6,280.47	6,196.51	19.11	17.18	-132.36	-306.24	884.88	576.41	541.48	34.93	16.502		
6,400.00	6,269.16	6,379.97	6,294.55	19.46	17.50	-132.27	-311.47	900.98	586.45	550.89	35.57	16.488		
6,500.00	6,366.90	6,479.46	6,392.59	19.81	17.81	-132.19	-316.70	917.09	596.49	560.29	36.21	16.474		
6,600.00	6,464.63	6,578.95	6,490.63	20.17	18.12	-129.27	-321.94	933.19	606.53	569.68	36.85	16.460		
6,700.00	6,560.49	6,678.05	6,588.29	20.55	18.44	-111.66	-327.15	949.24	615.84	578.39	37.45	16.444		
6,800.00	6,651.48	6,774.48	6,683.26	21.01	18.75	-105.36	-332.22	965.14	624.38	586.37	38.01	16.428		
6,900.00	6,735.38	6,870.89	6,775.99	21.54	19.12	-103.06	-337.16	990.72	633.21	594.55	38.66	16.378		
7,000.00	6,810.10	6,971.89	6,867.82	22.15	19.61	-102.43	-342.04	1,032.21	642.38	602.85	39.53	16.251		
7,100.00	6,873.81	7,078.16	6,966.10	22.82	20.23	-102.70	-346.72	1,090.97	651.60	610.95	40.65	16.031		
7,200.00	6,924.94	7,190.33	7,037.33	23.57	21.00	-103.47	-351.01	1,168.01	660.46	618.41	42.05	15.705		
7,300.00	6,962.24	7,308.88	7,107.10	24.38	21.95	-104.55	-354.67	1,263.56	668.48	624.68	43.80	15.262		
7,400.00	6,984.78	7,433.91	7,160.21	25.26	23.10	-105.78	-357.42	1,376.50	675.08	629.17	45.91	14.705		
7,500.07	6,992.00	7,565.12	7,191.16	26.19	24.43	-107.04	-358.98	1,503.75	679.68	631.31	48.37	14.050		
7,600.00	6,991.48	7,688.56	7,196.84	27.18	25.75	-107.56	-359.19	1,626.92	680.81	629.85	50.96	13.360		
7,700.00	6,990.95	7,788.56	7,196.37	28.24	26.89	-107.56	-359.09	1,726.92	680.80	627.56	53.24	12.788		
7,800.00	6,990.42	7,888.56	7,195.89	29.37	28.08	-107.57	-358.98	1,826.92	680.78	625.17	55.61	12.242		
7,900.00	6,989.89	7,988.56	7,195.42	30.54	29.32	-107.57	-358.88	1,926.92	680.76	622.70	58.07	11.724		
8,000.00	6,989.36	8,088.56	7,194.94	31.77	30.61	-107.58	-358.78	2,026.92	680.75	620.15	60.59	11.235		
8,100.00	6,988.83	8,188.56	7,194.46	33.04	31.93	-107.58	-358.68	2,126.92	680.73	617.55	63.19	10.773		
8,200.00	6,988.30	8,288.56	7,193.99	34.34	33.28	-107.59	-358.57	2,226.92	680.71	614.88	65.83	10.340		
8,300.00	6,987.77	8,388.56	7,193.51	35.68	34.66	-107.59	-358.47	2,326.92	680.70	612.17	68.53	9.932		
8,400.00	6,987.24	8,488.56	7,193.04	37.05	36.07	-107.60	-358.37	2,426.92	680.68	609.41	71.28	9.550		
8,500.00	6,986.71	8,588.56	7,192.56	38.44	37.50	-107.60	-358.27	2,526.91	680.67	606.61	74.06	9.191		
8,600.00	6,986.18	8,688.56	7,192.09	39.85	38.95	-107.61	-358.16	2,626.91	680.65	603.78	76.87	8.854		
8,700.00	6,985.65	8,788.56	7,191.61	41.29	40.41	-107.61	-358.06	2,726.91	680.63	600.91	79.72	8.538		
8,800.00	6,985.12	8,888.56	7,191.14	42.74	41.90	-107.62	-357.96	2,826.91	680.62	598.02	82.60	8.240		
8,900.00	6,984.59	8,988.56	7,190.66	44.21	43.39	-107.63	-357.86	2,926.91	680.60	595.10	85.50	7.960		
9,000.00	6,984.06	9,088.56	7,190.19	45.69	44.90	-107.63	-357.75	3,026.91	680.58	592.16	88.42	7.697		
9,100.00	6,983.53	9,188.56	7,189.71	47.19	46.42	-107.64	-357.65	3,126.91	680.57	589.20	91.36	7.449		
9,200.00	6,983.00	9,288.56	7,189.23	48.70	47.95	-107.64	-357.55	3,226.91	680.55	586.23	94.33	7.215		
9,300.00	6,982.47	9,388.56	7,188.76	50.22	49.49	-107.65	-357.45	3,326.90	680.54	583.23	97.30	6.994		
9,400.00	6,981.94	9,488.56	7,188.28	51.74	51.04	-107.65	-357.34	3,426.90	680.52	580.22	100.30	6.785		
9,500.00	6,981.41	9,588.56	7,187.81	53.28	52.59	-107.66	-357.24	3,526.90	680.50	577.20	103.31	6.587		
9,600.00	6,980.88	9,688.56	7,187.33	54.83	54.16	-107.66	-357.14	3,626.90	680.49	574.16	106.33	6.400		
9,700.00	6,980.35	9,788.56	7,186.86	56.38	55.73	-107.67	-357.04	3,726.90	680.47	571.11	109.36	6.222		
9,800.00	6,979.82	9,888.56	7,186.38	57.94	57.30	-107.67	-356.94	3,826.90	680.45	568.06	112.40	6.054		
9,900.00	6,979.29	9,988.56	7,185.91	59.51	58.88	-107.68	-356.83	3,926.90	680.44	564.99	115.45	5.894		
10,000.00	6,978.76	10,088.56	7,185.43	61.08	60.47	-107.68	-356.73	4,026.90	680.42	561.91	118.51	5.741		
10,100.00	6,978.23	10,188.56	7,184.95	62.65	62.06	-107.69	-356.63	4,126.89	680.41	558.82	121.58	5.596		
10,200.00	6,977.70	10,288.56	7,184.48	64.24	63.65	-107.69	-356.53	4,226.89	680.39	555.73	124.66	5.458		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,388.56	7,184.00	65.82	65.25	-107.70	-356.42	4,326.89	680.37	552.63	127.74	5.326		
10,400.00	6,976.64	10,488.56	7,183.53	67.41	66.85	-107.70	-356.32	4,426.89	680.36	549.52	130.83	5.200		
10,500.00	6,976.11	10,588.56	7,183.05	69.01	68.46	-107.71	-356.22	4,526.89	680.34	546.41	133.93	5.080		
10,600.00	6,975.58	10,688.56	7,182.58	70.61	70.07	-107.71	-356.12	4,626.89	680.33	543.29	137.03	4.965		
10,700.00	6,975.05	10,788.56	7,182.10	72.21	71.68	-107.72	-356.01	4,726.89	680.31	540.17	140.14	4.854		
10,800.00	6,974.52	10,888.56	7,181.63	73.81	73.29	-107.72	-355.91	4,826.89	680.29	537.04	143.25	4.749		
10,900.00	6,973.99	10,988.56	7,181.15	75.42	74.91	-107.73	-355.81	4,926.89	680.28	533.91	146.37	4.648		
11,000.00	6,973.46	11,088.56	7,180.68	77.03	76.53	-107.74	-355.71	5,026.88	680.26	530.77	149.49	4.550		
11,100.00	6,972.93	11,188.56	7,180.20	78.65	78.15	-107.74	-355.60	5,126.88	680.24	527.63	152.62	4.457		
11,200.00	6,972.40	11,288.56	7,179.72	80.26	79.77	-107.75	-355.50	5,226.88	680.23	524.48	155.75	4.367		
11,300.00	6,971.87	11,388.56	7,179.25	81.88	81.40	-107.75	-355.40	5,326.88	680.21	521.33	158.88	4.281		
11,400.00	6,971.34	11,488.56	7,178.77	83.50	83.03	-107.76	-355.30	5,426.88	680.20	518.18	162.02	4.198		
11,500.00	6,970.81	11,588.56	7,178.30	85.12	84.66	-107.76	-355.20	5,526.88	680.18	515.02	165.16	4.118		
11,600.00	6,970.28	11,688.56	7,177.82	86.75	86.29	-107.77	-355.09	5,626.88	680.16	511.86	168.30	4.041		
11,700.00	6,969.75	11,788.56	7,177.35	88.37	87.92	-107.77	-354.99	5,726.88	680.15	508.70	171.45	3.967		
11,800.00	6,969.22	11,888.56	7,176.87	90.00	89.55	-107.78	-354.89	5,826.87	680.13	505.54	174.59	3.896		
11,900.00	6,968.69	11,988.56	7,176.40	91.63	91.19	-107.78	-354.79	5,926.87	680.12	502.37	177.74	3.826		
12,000.00	6,968.16	12,088.56	7,175.92	93.26	92.82	-107.79	-354.68	6,026.87	680.10	499.20	180.90	3.760		
12,100.00	6,967.63	12,188.56	7,175.44	94.89	94.46	-107.79	-354.58	6,126.87	680.08	496.03	184.05	3.695		
12,200.00	6,967.10	12,288.56	7,174.97	96.53	96.10	-107.80	-354.48	6,226.87	680.07	492.86	187.21	3.633		
12,300.00	6,966.57	12,388.56	7,174.49	98.16	97.74	-107.80	-354.38	6,326.87	680.05	489.68	190.37	3.572		
12,400.00	6,966.04	12,488.56	7,174.02	99.80	99.38	-107.81	-354.27	6,426.87	680.04	486.51	193.53	3.514		
12,500.00	6,965.51	12,588.56	7,173.54	101.44	101.03	-107.81	-354.17	6,526.87	680.02	483.33	196.69	3.457		
12,600.00	6,964.98	12,688.56	7,173.07	103.08	102.67	-107.82	-354.07	6,626.86	680.00	480.15	199.86	3.402		
12,700.00	6,964.45	12,788.56	7,172.59	104.72	104.31	-107.82	-353.97	6,726.86	679.99	476.96	203.02	3.349		
12,800.00	6,963.92	12,888.56	7,172.12	106.36	105.96	-107.83	-353.86	6,826.86	679.97	473.78	206.19	3.298		
12,900.00	6,963.39	12,988.56	7,171.64	108.00	107.61	-107.84	-353.76	6,926.86	679.96	470.60	209.36	3.248		
13,000.00	6,962.86	13,088.56	7,171.17	109.64	109.25	-107.84	-353.66	7,026.86	679.94	467.41	212.53	3.199		
13,100.00	6,962.33	13,188.56	7,170.69	111.28	110.90	-107.85	-353.56	7,126.86	679.92	464.22	215.70	3.152		
13,200.00	6,961.80	13,288.56	7,170.21	112.93	112.55	-107.85	-353.46	7,226.86	679.91	461.03	218.88	3.106		
13,300.00	6,961.27	13,388.56	7,169.74	114.57	114.20	-107.86	-353.35	7,326.86	679.89	457.84	222.05	3.062		
13,400.00	6,960.74	13,488.56	7,169.26	116.22	115.85	-107.86	-353.25	7,426.86	679.88	454.65	225.22	3.019		
13,500.00	6,960.21	13,588.56	7,168.79	117.87	117.50	-107.87	-353.15	7,526.85	679.86	451.46	228.40	2.977		
13,600.00	6,959.68	13,688.56	7,168.31	119.51	119.15	-107.87	-353.05	7,626.85	679.84	448.27	231.58	2.936		
13,700.00	6,959.15	13,788.56	7,167.84	121.16	120.80	-107.88	-352.94	7,726.85	679.83	445.07	234.76	2.896		
13,800.00	6,958.62	13,888.56	7,167.36	122.81	122.45	-107.88	-352.84	7,826.85	679.81	441.88	237.94	2.857		
13,900.00	6,958.09	13,988.56	7,166.89	124.46	124.11	-107.89	-352.74	7,926.85	679.80	438.68	241.12	2.819		
14,000.00	6,957.56	14,088.56	7,166.41	126.11	125.76	-107.89	-352.64	8,026.85	679.78	435.48	244.30	2.783		
14,100.00	6,957.03	14,188.56	7,165.93	127.76	127.41	-107.90	-352.53	8,126.85	679.76	432.28	247.48	2.747		
14,200.00	6,956.50	14,288.56	7,165.46	129.41	129.07	-107.90	-352.43	8,226.85	679.75	429.09	250.66	2.712		
14,300.00	6,955.97	14,388.56	7,164.98	131.07	130.72	-107.91	-352.33	8,326.84	679.73	425.89	253.85	2.678		
14,400.00	6,955.44	14,488.56	7,164.51	132.72	132.38	-107.91	-352.23	8,426.84	679.72	422.69	257.03	2.644		
14,500.00	6,954.91	14,588.56	7,164.03	134.37	134.03	-107.92	-352.12	8,526.84	679.70	419.49	260.22	2.612		
14,600.00	6,954.38	14,688.56	7,163.56	136.02	135.69	-107.92	-352.02	8,626.84	679.68	416.28	263.40	2.580		
14,700.00	6,953.85	14,788.56	7,163.08	137.68	137.35	-107.93	-351.92	8,726.84	679.67	413.08	266.59	2.550		
14,800.00	6,953.32	14,888.56	7,162.61	139.33	139.00	-107.94	-351.82	8,826.84	679.65	409.88	269.77	2.519		
14,900.00	6,952.79	14,988.56	7,162.13	140.99	140.66	-107.94	-351.71	8,926.84	679.64	406.68	272.96	2.490		
15,000.00	6,952.26	15,088.56	7,161.66	142.64	142.32	-107.95	-351.61	9,026.84	679.62	403.47	276.15	2.461		
15,100.00	6,951.73	15,188.56	7,161.18	144.30	143.98	-107.95	-351.51	9,126.83	679.60	400.27	279.34	2.433		
15,200.00	6,951.20	15,288.56	7,160.70	145.95	145.63	-107.96	-351.41	9,226.83	679.59	397.06	282.53	2.405		
15,300.00	6,950.67	15,388.56	7,160.23	147.61	147.29	-107.96	-351.31	9,326.83	679.57	393.86	285.72	2.378		
15,400.00	6,950.14	15,488.56	7,159.75	149.27	148.95	-107.97	-351.20	9,426.83	679.56	390.65	288.91	2.352		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	
15,500.00	6,949.61	15,588.56	7,159.28	150.92	150.61	-107.97	-351.10	9,526.83	679.54	387.45	292.10	2.326		
15,600.00	6,949.08	15,688.56	7,158.80	152.58	152.27	-107.98	-351.00	9,626.83	679.53	384.24	295.29	2.301		
15,700.00	6,948.55	15,788.56	7,158.33	154.24	153.93	-107.98	-350.90	9,726.83	679.51	381.03	298.48	2.277		
15,800.00	6,948.02	15,888.56	7,157.85	155.90	155.59	-107.99	-350.79	9,826.83	679.49	377.83	301.67	2.252		
15,900.00	6,947.49	15,988.56	7,157.38	157.56	157.25	-107.99	-350.69	9,926.83	679.48	374.62	304.86	2.229		
16,000.00	6,946.96	16,088.56	7,156.90	159.22	158.91	-108.00	-350.59	10,026.82	679.46	371.41	308.05	2.206		
16,100.00	6,946.43	16,188.56	7,156.42	160.87	160.57	-108.00	-350.49	10,126.82	679.45	368.20	311.24	2.183		
16,200.00	6,945.90	16,288.56	7,155.95	162.53	162.23	-108.01	-350.38	10,226.82	679.43	364.99	314.44	2.161		
16,300.00	6,945.37	16,388.56	7,155.47	164.19	163.89	-108.01	-350.28	10,326.82	679.41	361.78	317.63	2.139		
16,400.00	6,944.84	16,488.56	7,155.00	165.85	165.56	-108.02	-350.18	10,426.82	679.40	358.57	320.82	2.118		
16,500.00	6,944.31	16,588.56	7,154.52	167.51	167.22	-108.02	-350.08	10,526.82	679.38	355.37	324.02	2.097		
16,600.00	6,943.78	16,688.56	7,154.05	169.17	168.88	-108.03	-349.97	10,626.82	679.37	352.16	327.21	2.076		
16,700.00	6,943.25	16,788.56	7,153.57	170.83	170.54	-108.04	-349.87	10,726.82	679.35	348.95	330.41	2.056		
16,800.00	6,942.72	16,888.56	7,153.10	172.49	172.20	-108.04	-349.77	10,826.81	679.34	345.74	333.60	2.036		
16,900.00	6,942.19	16,988.56	7,152.62	174.16	173.87	-108.05	-349.67	10,926.81	679.32	342.52	336.79	2.017		
17,000.00	6,941.66	17,088.56	7,152.15	175.82	175.53	-108.05	-349.57	11,026.81	679.30	339.31	339.99	1.998		
17,100.00	6,941.13	17,188.56	7,151.67	177.48	177.19	-108.06	-349.46	11,126.81	679.29	336.10	343.18	1.979		
17,200.00	6,940.60	17,288.56	7,151.19	179.14	178.86	-108.06	-349.36	11,226.81	679.27	332.89	346.38	1.961		
17,300.00	6,940.07	17,388.56	7,150.72	180.80	180.52	-108.07	-349.26	11,326.81	679.26	329.68	349.58	1.943		
17,400.00	6,939.54	17,488.55	7,150.24	182.46	182.18	-108.07	-349.16	11,426.81	679.24	326.47	352.77	1.925		
17,500.00	6,939.01	17,588.55	7,149.77	184.13	183.85	-108.08	-349.05	11,526.81	679.23	323.26	355.97	1.908		
17,600.00	6,938.48	17,688.55	7,149.29	185.79	185.51	-108.08	-348.95	11,626.80	679.21	320.05	359.16	1.891		
17,601.54	6,938.47	17,709.90	7,149.28	185.81	185.87	-108.08	-348.95	11,628.35	679.21	319.68	359.53	1.889 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.48	1.09	-119.99	120.00					
100.00	100.00	101.00	101.00	3.28	3.28	-89.48	1.09	-119.99	120.00	112.47	7.53	15.938		
200.00	200.00	201.00	201.00	3.31	3.31	-89.48	1.09	-119.99	120.00	112.43	7.57	15.843	CC, ES	
300.00	299.98	300.98	300.98	3.35	3.35	135.09	1.09	-119.99	121.23	113.57	7.66	15.827		
400.00	399.84	400.84	400.84	3.41	3.42	136.73	1.09	-119.99	124.99	117.20	7.79	16.052		
500.00	499.45	500.45	500.45	3.49	3.50	139.25	1.09	-119.99	131.48	123.52	7.96	16.518		
600.00	598.70	600.30	599.70	3.61	3.61	142.36	1.09	-119.99	140.96	132.78	8.18	17.232		
700.00	697.47	701.53	698.47	3.76	3.74	145.76	1.09	-119.99	153.68	145.24	8.45	18.193		
800.00	795.62	803.38	796.62	3.96	3.88	149.20	1.09	-119.99	169.86	161.11	8.76	19.393		
900.00	893.37	905.63	894.37	4.21	4.03	152.46	1.09	-119.99	188.41	179.30	9.10	20.693		
1,000.00	991.11	1,007.89	992.11	4.48	4.20	155.15	1.09	-119.99	207.46	197.98	9.47	21.900		
1,100.00	1,088.85	1,089.85	1,089.85	4.78	4.35	157.38	1.09	-119.99	226.88	217.05	9.83	23.081		
1,200.00	1,186.59	1,194.48	1,194.46	5.10	4.53	159.58	1.26	-118.45	245.35	235.12	10.23	23.979		
1,300.00	1,284.33	1,300.64	1,300.47	5.44	4.72	161.96	1.83	-113.01	261.09	250.45	10.64	24.537		
1,400.00	1,382.08	1,407.28	1,406.70	5.80	4.93	164.54	2.81	-103.62	274.22	263.16	11.06	24.784		
1,500.00	1,479.82	1,514.13	1,512.69	6.16	5.16	167.37	4.22	-90.28	284.92	273.41	11.51	24.763		
1,600.00	1,577.56	1,620.88	1,618.02	6.54	5.40	170.49	6.03	-73.03	293.43	281.46	11.97	24.520		
1,700.00	1,675.30	1,727.24	1,722.24	6.92	5.68	173.93	8.24	-51.98	300.05	287.59	12.45	24.092		
1,800.00	1,773.04	1,825.74	1,818.36	7.31	5.93	177.24	10.49	-30.58	306.28	293.50	12.78	23.971		
1,900.00	1,870.78	1,923.96	1,914.21	7.53	6.05	-179.60	12.73	-9.23	313.51	300.68	12.83	24.430		
2,000.00	1,968.53	2,022.19	2,010.06	7.58	6.10	-176.58	14.98	12.11	321.67	308.77	12.90	24.935		
2,100.00	2,066.27	2,120.41	2,105.91	7.65	6.16	-173.72	17.22	33.45	330.70	317.69	13.01	25.413		
2,200.00	2,164.01	2,218.63	2,201.76	7.74	6.25	-171.01	19.46	54.79	340.53	327.36	13.17	25.859		
2,300.00	2,261.75	2,316.85	2,297.61	7.84	6.35	-168.46	21.71	76.14	351.09	337.72	13.37	26.266		
2,400.00	2,359.49	2,415.08	2,393.46	7.96	6.48	-166.05	23.95	97.48	362.31	348.70	13.60	26.633		
2,500.00	2,457.23	2,513.30	2,489.31	8.10	6.62	-163.79	26.19	118.82	374.13	360.26	13.88	26.958		
2,600.00	2,554.98	2,611.52	2,585.16	8.26	6.78	-161.67	28.44	140.16	386.51	372.32	14.19	27.243		
2,700.00	2,652.72	2,709.75	2,681.01	8.42	6.96	-159.68	30.68	161.51	399.39	384.86	14.53	27.489		
2,800.00	2,750.46	2,807.97	2,776.86	8.61	7.15	-157.82	32.92	182.85	412.71	397.81	14.90	27.699		
2,900.00	2,848.20	2,906.19	2,872.71	8.80	7.35	-156.07	35.16	204.19	426.45	411.15	15.30	27.876		
3,000.00	2,945.94	3,004.41	2,968.56	9.01	7.57	-154.43	37.41	225.53	440.56	424.84	15.72	28.022		
3,100.00	3,043.68	3,102.64	3,064.41	9.22	7.80	-152.89	39.65	246.88	455.00	438.84	16.17	28.141		
3,200.00	3,141.43	3,200.86	3,160.26	9.45	8.04	-151.44	41.89	268.22	469.76	453.12	16.64	28.237		
3,300.00	3,239.17	3,300.92	3,256.11	9.69	8.29	-150.09	44.14	289.56	484.78	467.66	17.13	28.305		
3,400.00	3,336.91	3,402.69	3,351.96	9.93	8.56	-148.81	46.38	310.90	500.07	482.43	17.64	28.347		
3,500.00	3,434.65	3,504.47	3,447.81	10.19	8.84	-147.61	48.62	332.25	515.58	497.41	18.17	28.373		
3,600.00	3,532.39	3,606.25	3,543.66	10.45	9.12	-146.48	50.87	353.59	531.30	512.58	18.72	28.387		
3,700.00	3,630.13	3,708.03	3,639.51	10.72	9.41	-145.42	53.11	374.93	547.22	527.94	19.28	28.389		
3,800.00	3,727.87	3,809.80	3,735.36	11.00	9.71	-144.41	55.35	396.28	563.31	543.46	19.85	28.383		
3,900.00	3,825.62	3,888.42	3,831.21	11.28	9.94	-143.46	57.60	417.62	579.56	559.20	20.36	28.465		
4,000.00	3,923.36	3,986.64	3,927.06	11.57	10.24	-142.56	59.84	438.96	595.96	575.02	20.94	28.458		
4,100.00	4,021.10	4,084.87	4,022.91	11.86	10.54	-141.71	62.08	460.30	612.49	590.96	21.53	28.445		
4,200.00	4,118.84	4,183.09	4,118.76	12.16	10.85	-140.91	64.33	481.65	629.15	607.02	22.13	28.428		
4,300.00	4,216.58	4,281.31	4,214.61	12.46	11.16	-140.14	66.57	502.99	645.93	623.19	22.74	28.407		
4,400.00	4,314.32	4,379.53	4,310.46	12.77	11.47	-139.42	68.81	524.33	662.81	639.46	23.35	28.383		
4,500.00	4,412.07	4,477.76	4,406.31	13.08	11.78	-138.73	71.05	545.67	679.80	655.82	23.97	28.356		
4,600.00	4,509.81	4,575.98	4,502.16	13.39	12.10	-138.07	73.30	567.02	696.87	672.27	24.60	28.328		
4,700.00	4,607.55	4,674.20	4,598.01	13.71	12.43	-137.44	75.54	588.36	714.03	688.80	25.23	28.297		
4,800.00	4,705.29	4,772.42	4,693.86	14.03	12.75	-136.85	77.78	609.70	731.27	705.40	25.87	28.266		
4,900.00	4,803.03	4,870.65	4,789.71	14.35	13.08	-136.28	80.03	631.04	748.58	722.07	26.51	28.233		
5,000.00	4,900.77	4,968.87	4,885.56	14.68	13.41	-135.74	82.27	652.39	765.96	738.80	27.16	28.200		
5,100.00	4,998.52	5,067.09	4,981.41	15.01	13.74	-135.22	84.51	673.73	783.40	755.59	27.81	28.167		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,096.26	5,165.32	5,077.26	15.34	14.07	-134.72	86.76	695.07	800.91	772.44	28.47	28.133		
5,300.00	5,194.00	5,263.54	5,173.10	15.67	14.41	-134.25	89.00	716.41	818.47	789.34	29.13	28.099		
5,400.00	5,291.74	5,361.76	5,268.95	16.01	14.74	-133.79	91.24	737.76	836.08	806.29	29.79	28.065		
5,500.00	5,389.48	5,459.98	5,364.80	16.35	15.08	-133.35	93.49	759.10	853.75	823.29	30.46	28.031		
5,600.00	5,487.22	5,558.21	5,460.65	16.69	15.42	-132.94	95.73	780.44	871.45	840.33	31.13	27.998		
5,700.00	5,584.96	5,656.43	5,556.50	17.03	15.76	-132.53	97.97	801.78	889.21	857.41	31.80	27.965		
5,800.00	5,682.71	5,754.65	5,652.35	17.37	16.10	-132.15	100.21	823.13	907.00	874.53	32.47	27.932		
5,900.00	5,780.45	5,852.88	5,748.20	17.72	16.45	-131.77	102.46	844.47	924.83	891.68	33.15	27.899		
6,000.00	5,878.19	5,951.10	5,844.05	18.06	16.79	-131.42	104.70	865.81	942.70	908.87	33.83	27.867		
6,100.00	5,975.93	6,049.32	5,939.90	18.41	17.14	-131.07	106.94	887.15	960.60	926.09	34.51	27.836		
6,200.00	6,073.67	6,147.54	6,035.75	18.76	17.48	-130.74	109.19	908.50	978.54	943.34	35.19	27.805		
6,300.00	6,171.41	6,245.77	6,131.60	19.11	17.83	-130.42	111.43	929.84	996.50	960.62	35.88	27.774		
6,400.00	6,269.16	6,343.99	6,227.45	19.46	18.18	-130.11	113.67	951.18	1,014.50	977.93	36.57	27.744		
6,500.00	6,366.90	6,442.21	6,323.30	19.81	18.53	-129.81	115.92	972.52	1,032.52	995.26	37.26	27.715		
6,600.00	6,464.63	6,540.44	6,419.16	20.17	18.88	-126.60	118.16	993.87	1,050.56	1,012.61	37.95	27.686		
6,700.00	6,560.49	6,636.19	6,512.54	20.55	19.23	-107.72	120.34	1,014.93	1,067.41	1,028.78	38.63	27.628		
6,800.00	6,651.48	6,722.62	6,594.61	21.01	19.60	-99.20	122.21	1,041.73	1,082.78	1,043.38	39.40	27.482		
6,900.00	6,735.38	6,810.24	6,673.34	21.54	20.08	-94.50	123.91	1,080.00	1,096.72	1,056.38	40.34	27.186		
7,000.00	6,810.10	6,899.37	6,747.27	22.15	20.67	-91.67	125.41	1,129.63	1,108.94	1,067.46	41.48	26.735		
7,100.00	6,873.81	6,990.30	6,814.80	22.82	21.37	-89.96	126.68	1,190.39	1,119.19	1,076.35	42.84	26.127		
7,200.00	6,924.94	7,083.30	6,874.22	23.57	22.19	-89.03	127.67	1,261.83	1,127.27	1,082.85	44.42	25.377		
7,300.00	6,962.24	7,178.64	6,923.66	24.38	23.13	-88.72	128.35	1,343.23	1,133.02	1,086.78	46.24	24.503		
7,400.00	6,984.78	7,276.50	6,961.21	25.26	24.19	-88.92	128.67	1,433.50	1,136.31	1,088.03	48.28	23.538		
7,500.07	6,992.00	7,377.13	6,984.94	26.19	25.34	-89.60	128.60	1,531.18	1,137.06	1,086.56	50.49	22.519		
7,600.00	6,991.48	7,480.84	6,993.00	27.18	26.57	-90.03	128.09	1,634.46	1,136.41	1,083.55	52.85	21.501		
7,700.00	6,990.95	7,580.88	6,992.50	28.24	27.79	-90.03	127.40	1,734.49	1,135.58	1,080.33	55.24	20.556		
7,800.00	6,990.42	7,680.87	6,992.01	29.37	29.06	-90.03	126.71	1,834.49	1,134.75	1,077.02	57.72	19.658		
7,900.00	6,989.89	7,780.87	6,991.51	30.54	30.37	-90.03	126.01	1,934.48	1,133.92	1,073.62	60.29	18.807		
8,000.00	6,989.36	7,880.87	6,991.02	31.77	31.71	-90.04	125.32	2,034.47	1,133.08	1,070.15	62.93	18.005		
8,100.00	6,988.83	7,980.86	6,990.52	33.04	33.08	-90.04	124.62	2,134.47	1,132.25	1,066.62	65.64	17.250		
8,200.00	6,988.30	8,080.86	6,990.03	34.34	34.47	-90.04	123.93	2,234.46	1,131.42	1,063.02	68.40	16.542		
8,300.00	6,987.77	8,180.85	6,989.53	35.68	35.89	-90.04	123.24	2,334.45	1,130.59	1,059.38	71.21	15.877		
8,400.00	6,987.24	8,280.85	6,989.04	37.05	37.34	-90.04	122.54	2,434.44	1,129.76	1,055.69	74.07	15.253		
8,500.00	6,986.71	8,380.85	6,988.54	38.44	38.80	-90.04	121.85	2,534.44	1,128.93	1,051.96	76.97	14.668		
8,600.00	6,986.18	8,480.84	6,988.04	39.85	40.27	-90.05	121.15	2,634.43	1,128.10	1,048.20	79.90	14.119		
8,700.00	6,985.65	8,580.84	6,987.55	41.29	41.76	-90.05	120.46	2,734.42	1,127.27	1,044.41	82.86	13.604		
8,800.00	6,985.12	8,680.84	6,987.05	42.74	43.27	-90.05	119.77	2,834.42	1,126.44	1,040.58	85.86	13.120		
8,900.00	6,984.59	8,780.83	6,986.56	44.21	44.79	-90.05	119.07	2,934.41	1,125.61	1,036.73	88.88	12.665		
9,000.00	6,984.06	8,880.83	6,986.06	45.69	46.31	-90.05	118.38	3,034.40	1,124.78	1,032.86	91.92	12.237		
9,100.00	6,983.53	8,980.83	6,985.57	47.19	47.85	-90.06	117.68	3,134.39	1,123.95	1,028.97	94.98	11.834		
9,200.00	6,983.00	9,080.82	6,985.07	48.70	49.40	-90.06	116.99	3,234.39	1,123.12	1,025.06	98.06	11.454		
9,300.00	6,982.47	9,180.82	6,984.58	50.22	50.95	-90.06	116.30	3,334.38	1,122.29	1,021.13	101.16	11.095		
9,400.00	6,981.94	9,280.82	6,984.08	51.74	52.51	-90.06	115.60	3,434.37	1,121.46	1,017.19	104.27	10.755		
9,500.00	6,981.41	9,380.81	6,983.59	53.28	54.08	-90.06	114.91	3,534.37	1,120.63	1,013.23	107.40	10.435		
9,600.00	6,980.88	9,480.81	6,983.09	54.83	55.66	-90.06	114.22	3,634.36	1,119.80	1,009.26	110.54	10.131		
9,700.00	6,980.35	9,580.81	6,982.59	56.38	57.24	-90.07	113.52	3,734.35	1,118.96	1,005.28	113.69	9.843		
9,800.00	6,979.82	9,680.80	6,982.10	57.94	58.82	-90.07	112.83	3,834.35	1,118.13	1,001.29	116.85	9.569		
9,900.00	6,979.29	9,780.80	6,981.60	59.51	60.41	-90.07	112.13	3,934.34	1,117.30	997.28	120.02	9.309		
10,000.00	6,978.76	9,880.80	6,981.11	61.08	62.01	-90.07	111.44	4,034.33	1,116.47	993.27	123.20	9.062		
10,100.00	6,978.23	9,980.79	6,980.61	62.65	63.61	-90.07	110.75	4,134.32	1,115.64	989.25	126.39	8.827		
10,200.00	6,977.70	10,080.79	6,980.12	64.24	65.21	-90.08	110.05	4,234.32	1,114.81	985.22	129.59	8.602		
10,300.00	6,977.17	10,180.79	6,979.62	65.82	66.81	-90.08	109.36	4,334.31	1,113.98	981.18	132.80	8.389		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor			
10,400.00	6,976.64	10,280.78	6,979.13	67.41	68.42	-90.08	108.66	4,434.30	1,113.15	977.14	136.01	8.184			
10,500.00	6,976.11	10,380.78	6,978.63	69.01	70.03	-90.08	107.97	4,534.30	1,112.32	973.09	139.23	7.989			
10,600.00	6,975.58	10,480.78	6,978.14	70.61	71.65	-90.08	107.28	4,634.29	1,111.49	969.04	142.45	7.802			
10,700.00	6,975.05	10,580.77	6,977.64	72.21	73.27	-90.08	106.58	4,734.28	1,110.66	964.98	145.68	7.624			
10,800.00	6,974.52	10,680.77	6,977.14	73.81	74.89	-90.09	105.89	4,834.27	1,109.83	960.91	148.92	7.453			
10,900.00	6,973.99	10,780.77	6,976.65	75.42	76.51	-90.09	105.20	4,934.27	1,109.00	956.84	152.16	7.288			
11,000.00	6,973.46	10,880.76	6,976.15	77.03	78.13	-90.09	104.50	5,034.26	1,108.17	952.76	155.40	7.131			
11,100.00	6,972.93	10,980.76	6,975.66	78.65	79.76	-90.09	103.81	5,134.25	1,107.34	948.68	158.65	6.980			
11,200.00	6,972.40	11,080.75	6,975.16	80.26	81.39	-90.09	103.11	5,234.25	1,106.51	944.60	161.91	6.834			
11,300.00	6,971.87	11,180.75	6,974.67	81.88	83.02	-90.10	102.42	5,334.24	1,105.68	940.51	165.16	6.695			
11,400.00	6,971.34	11,280.75	6,974.17	83.50	84.65	-90.10	101.73	5,434.23	1,104.85	936.42	168.42	6.560			
11,500.00	6,970.81	11,380.74	6,973.68	85.12	86.28	-90.10	101.03	5,534.22	1,104.02	932.33	171.68	6.430			
11,600.00	6,970.28	11,472.60	6,973.22	86.75	87.78	-90.10	101.03	5,626.08	1,103.85	929.08	174.77	6.316			
11,602.84	6,970.26	11,475.44	6,973.21	86.79	87.83	-90.10	101.03	5,628.92	1,103.85	928.99	174.86	6.313			
11,700.00	6,969.75	11,572.60	6,972.73	88.37	89.42	-90.10	101.07	5,726.08	1,103.76	925.72	178.04	6.200			
11,800.00	6,969.22	11,672.60	6,972.23	90.00	91.05	-90.10	101.12	5,826.07	1,103.67	922.36	181.31	6.087			
11,900.00	6,968.69	11,772.60	6,971.74	91.63	92.69	-90.11	101.16	5,926.07	1,103.57	918.99	184.58	5.979			
12,000.00	6,968.16	11,872.60	6,971.24	93.26	94.33	-90.11	101.21	6,026.07	1,103.48	915.62	187.86	5.874			
12,100.00	6,967.63	11,972.60	6,970.75	94.89	95.97	-90.11	101.25	6,126.07	1,103.39	912.25	191.14	5.773			
12,200.00	6,967.10	12,072.60	6,970.26	96.53	97.61	-90.11	101.29	6,226.07	1,103.29	908.88	194.42	5.675			
12,300.00	6,966.57	12,172.60	6,969.76	98.16	99.26	-90.11	101.34	6,326.07	1,103.20	905.50	197.70	5.580			
12,400.00	6,966.04	12,272.60	6,969.27	99.80	100.90	-90.12	101.38	6,426.07	1,103.11	902.12	200.99	5.488			
12,500.00	6,965.51	12,372.60	6,968.77	101.44	102.55	-90.12	101.43	6,526.07	1,103.02	898.74	204.28	5.400			
12,600.00	6,964.98	12,472.60	6,968.28	103.08	104.19	-90.12	101.47	6,626.06	1,102.92	895.36	207.56	5.314			
12,700.00	6,964.45	12,572.60	6,967.78	104.72	105.84	-90.12	101.51	6,726.06	1,102.83	891.98	210.86	5.230			
12,800.00	6,963.92	12,672.60	6,967.29	106.36	107.49	-90.12	101.56	6,826.06	1,102.74	888.59	214.15	5.149			
12,900.00	6,963.39	12,772.60	6,966.79	108.00	109.13	-90.13	101.60	6,926.06	1,102.65	885.20	217.44	5.071			
13,000.00	6,962.86	12,872.60	6,966.30	109.64	110.78	-90.13	101.65	7,026.06	1,102.55	881.81	220.74	4.995			
13,100.00	6,962.33	12,972.60	6,965.80	111.28	112.43	-90.13	101.69	7,126.06	1,102.46	878.42	224.04	4.921			
13,200.00	6,961.80	13,072.60	6,965.31	112.93	114.08	-90.13	101.73	7,226.06	1,102.37	875.03	227.33	4.849			
13,300.00	6,961.27	13,172.60	6,964.82	114.57	115.73	-90.13	101.78	7,326.06	1,102.28	871.64	230.64	4.779			
13,400.00	6,960.74	13,272.60	6,964.32	116.22	117.38	-90.13	101.82	7,426.05	1,102.18	868.25	233.94	4.711			
13,500.00	6,960.21	13,372.60	6,963.83	117.87	119.04	-90.14	101.87	7,526.05	1,102.09	864.85	237.24	4.645			
13,600.00	6,959.68	13,472.60	6,963.33	119.51	120.69	-90.14	101.91	7,626.05	1,102.00	861.45	240.54	4.581			
13,700.00	6,959.15	13,572.60	6,962.84	121.16	122.34	-90.14	101.95	7,726.05	1,101.90	858.06	243.85	4.519			
13,800.00	6,958.62	13,672.60	6,962.34	122.81	123.99	-90.14	102.00	7,826.05	1,101.81	854.66	247.15	4.458			
13,900.00	6,958.09	13,772.60	6,961.85	124.46	125.65	-90.14	102.04	7,926.05	1,101.72	851.26	250.46	4.399			
14,000.00	6,957.56	13,872.60	6,961.35	126.11	127.30	-90.15	102.09	8,026.05	1,101.63	847.86	253.77	4.341			
14,100.00	6,957.03	13,972.60	6,960.86	127.76	128.96	-90.15	102.13	8,126.05	1,101.53	844.46	257.08	4.285			
14,200.00	6,956.50	14,072.60	6,960.37	129.41	130.61	-90.15	102.17	8,226.04	1,101.44	841.05	260.39	4.230			
14,300.00	6,955.97	14,172.60	6,959.87	131.07	132.27	-90.15	102.22	8,326.04	1,101.35	837.65	263.70	4.177			
14,400.00	6,955.44	14,272.60	6,959.38	132.72	133.93	-90.15	102.26	8,426.04	1,101.26	834.24	267.01	4.124			
14,500.00	6,954.91	14,372.60	6,958.88	134.37	135.58	-90.16	102.31	8,526.04	1,101.16	830.84	270.32	4.074			
14,600.00	6,954.38	14,472.60	6,958.39	136.02	137.24	-90.16	102.35	8,626.04	1,101.07	827.43	273.64	4.024			
14,700.00	6,953.85	14,572.60	6,957.89	137.68	138.90	-90.16	102.39	8,726.04	1,100.98	824.03	276.95	3.975			
14,800.00	6,953.32	14,672.60	6,957.40	139.33	140.56	-90.16	102.44	8,826.04	1,100.89	820.62	280.27	3.928			
14,900.00	6,952.79	14,772.60	6,956.90	140.99	142.21	-90.16	102.48	8,926.04	1,100.79	817.21	283.58	3.882			
15,000.00	6,952.26	14,872.60	6,956.41	142.64	143.87	-90.16	102.53	9,026.03	1,100.70	813.80	286.90	3.837			
15,100.00	6,951.73	14,972.60	6,955.92	144.30	145.53	-90.17	102.57	9,126.03	1,100.61	810.39	290.21	3.792			
15,200.00	6,951.20	15,072.60	6,955.42	145.95	147.19	-90.17	102.61	9,226.03	1,100.51	806.98	293.53	3.749			
15,300.00	6,950.67	15,172.60	6,954.93	147.61	148.85	-90.17	102.66	9,326.03	1,100.42	803.57	296.85	3.707			
15,400.00	6,950.14	15,272.60	6,954.43	149.27	150.51	-90.17	102.70	9,426.03	1,100.33	800.16	300.17	3.666			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,949.61	15,372.60	6,953.94	150.92	152.17	-90.17	102.74	9,526.03	1,100.24	796.75	303.49	3.625		
15,600.00	6,949.08	15,472.60	6,953.44	152.58	153.83	-90.18	102.79	9,626.03	1,100.14	793.34	306.81	3.586		
15,700.00	6,948.55	15,572.60	6,952.95	154.24	155.49	-90.18	102.83	9,726.02	1,100.05	789.92	310.13	3.547		
15,800.00	6,948.02	15,672.60	6,952.45	155.90	157.15	-90.18	102.88	9,826.02	1,099.96	786.51	313.45	3.509		
15,900.00	6,947.49	15,772.60	6,951.96	157.56	158.81	-90.18	102.92	9,926.02	1,099.87	783.09	316.77	3.472		
16,000.00	6,946.96	15,872.60	6,951.47	159.22	160.48	-90.18	102.96	10,026.02	1,099.77	779.68	320.09	3.436		
16,100.00	6,946.43	15,972.60	6,950.97	160.87	162.14	-90.18	103.01	10,126.02	1,099.68	776.26	323.42	3.400		
16,200.00	6,945.90	16,072.60	6,950.48	162.53	163.80	-90.19	103.05	10,226.02	1,099.59	772.85	326.74	3.365		
16,300.00	6,945.37	16,172.60	6,949.98	164.19	165.46	-90.19	103.10	10,326.02	1,099.50	769.43	330.06	3.331		
16,400.00	6,944.84	16,272.60	6,949.49	165.85	167.12	-90.19	103.14	10,426.02	1,099.40	766.02	333.39	3.298		
16,500.00	6,944.31	16,372.60	6,948.99	167.51	168.79	-90.19	103.18	10,526.01	1,099.31	762.60	336.71	3.265		
16,600.00	6,943.78	16,472.60	6,948.50	169.17	170.45	-90.19	103.23	10,626.01	1,099.22	759.18	340.04	3.233		
16,700.00	6,943.25	16,572.60	6,948.00	170.83	172.11	-90.20	103.27	10,726.01	1,099.13	755.76	343.36	3.201		
16,800.00	6,942.72	16,672.60	6,947.51	172.49	173.77	-90.20	103.32	10,826.01	1,099.03	752.35	346.69	3.170		
16,900.00	6,942.19	16,772.60	6,947.02	174.16	175.44	-90.20	103.36	10,926.01	1,098.94	748.93	350.01	3.140		
17,000.00	6,941.66	16,872.60	6,946.52	175.82	177.10	-90.20	103.40	11,026.01	1,098.85	745.51	353.34	3.110		
17,100.00	6,941.13	16,972.60	6,946.03	177.48	178.76	-90.20	103.45	11,126.01	1,098.75	742.09	356.66	3.081		
17,200.00	6,940.60	17,072.60	6,945.53	179.14	180.43	-90.21	103.49	11,226.01	1,098.66	738.67	359.99	3.052		
17,300.00	6,940.07	17,172.60	6,945.04	180.80	182.09	-90.21	103.54	11,326.00	1,098.57	735.25	363.32	3.024		
17,400.00	6,939.54	17,272.60	6,944.54	182.46	183.76	-90.21	103.58	11,426.00	1,098.48	731.83	366.65	2.996		
17,500.00	6,939.01	17,372.60	6,944.05	184.13	185.42	-90.21	103.62	11,526.00	1,098.38	728.41	369.97	2.969		
17,600.00	6,938.48	17,472.60	6,943.55	185.79	187.08	-90.21	103.67	11,626.00	1,098.29	724.99	373.30	2.942		
17,601.54	6,938.47	17,474.14	6,943.55	185.81	187.11	-90.21	103.67	11,627.54	1,098.29	724.94	373.35	2.942 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.48	1.46	-159.81	159.81					
100.00	100.00	102.00	102.00	3.28	3.28	-89.48	1.46	-159.81	159.81	152.28	7.53	21.226		
200.00	200.00	202.11	202.11	3.31	3.31	-89.48	1.46	-159.81	159.81	152.24	7.57	21.099		
300.00	299.98	307.61	307.58	3.35	3.35	135.25	2.13	-157.90	159.25	151.59	7.66	20.793		
400.00	399.84	412.85	412.66	3.41	3.43	137.43	4.07	-152.35	157.83	150.05	7.78	20.296		
500.00	499.45	517.61	516.96	3.49	3.53	141.09	7.28	-143.21	156.00	148.06	7.94	19.655		
600.00	598.70	621.64	620.12	3.61	3.66	146.27	11.71	-130.58	154.50	146.35	8.15	18.967		
658.03	656.08	681.59	679.33	3.69	3.75	149.94	14.83	-121.70	154.19	145.89	8.29	18.592	CC, ES	
700.00	697.47	724.73	721.80	3.76	3.83	152.87	17.32	-114.59	154.39	145.98	8.41	18.356		
800.00	795.62	825.26	820.35	3.96	4.03	160.50	23.89	-95.87	157.12	148.37	8.75	17.958		
900.00	893.37	922.74	915.77	4.21	4.26	167.91	30.49	-77.04	164.08	154.92	9.16	17.911		
1,000.00	991.11	1,020.22	1,011.18	4.48	4.52	174.65	37.09	-58.22	173.67	164.05	9.62	18.058		
1,100.00	1,088.85	1,117.69	1,106.59	4.78	4.80	-179.37	43.70	-39.39	185.46	175.34	10.12	18.333		
1,200.00	1,186.59	1,215.17	1,202.01	5.10	5.10	-174.13	50.30	-20.57	199.06	188.41	10.65	18.686		
1,300.00	1,284.33	1,312.65	1,297.42	5.44	5.41	-169.57	56.90	-1.74	214.13	202.91	11.22	19.079		
1,400.00	1,382.08	1,410.13	1,392.84	5.80	5.74	-165.62	63.51	17.09	230.38	218.56	11.82	19.487		
1,500.00	1,479.82	1,507.60	1,488.25	6.16	6.07	-162.19	70.11	35.91	247.57	235.13	12.45	19.892		
1,600.00	1,577.56	1,605.08	1,583.67	6.54	6.42	-159.21	76.71	54.74	265.53	252.44	13.09	20.283		
1,700.00	1,675.30	1,702.56	1,679.08	6.92	6.77	-156.60	83.32	73.56	284.11	270.36	13.75	20.656		
1,800.00	1,773.04	1,800.04	1,774.50	7.31	7.13	-154.32	89.92	92.39	303.19	288.76	14.43	21.007		
1,900.00	1,870.78	1,902.48	1,869.91	7.53	7.33	-152.30	96.53	111.22	322.69	308.24	14.45	22.327		
2,000.00	1,968.53	2,005.01	1,965.32	7.58	7.38	-150.52	103.13	130.04	342.53	327.97	14.56	23.525		
2,100.00	2,066.27	2,107.53	2,060.74	7.65	7.45	-148.92	109.73	148.87	362.66	347.96	14.70	24.671		
2,200.00	2,164.01	2,189.95	2,156.15	7.74	7.52	-147.50	116.34	167.69	383.03	368.18	14.85	25.787		
2,300.00	2,261.75	2,287.43	2,251.57	7.84	7.61	-146.22	122.94	186.52	403.61	388.56	15.05	26.821		
2,400.00	2,359.49	2,384.91	2,346.98	7.96	7.72	-145.06	129.54	205.34	424.37	409.09	15.27	27.788		
2,500.00	2,457.23	2,482.38	2,442.40	8.10	7.84	-144.01	136.15	224.17	445.27	429.75	15.52	28.685		
2,600.00	2,554.98	2,579.86	2,537.81	8.26	7.98	-143.06	142.75	243.00	466.31	450.51	15.80	29.511		
2,700.00	2,652.72	2,677.34	2,633.23	8.42	8.13	-142.18	149.35	261.82	487.46	471.35	16.10	30.268		
2,800.00	2,750.46	2,774.82	2,728.64	8.61	8.29	-141.38	155.96	280.65	508.71	492.28	16.43	30.957		
2,900.00	2,848.20	2,872.29	2,824.05	8.80	8.47	-140.64	162.56	299.47	530.05	513.26	16.78	31.582		
3,000.00	2,945.94	2,969.77	2,919.47	9.01	8.65	-139.96	169.17	318.30	551.46	534.30	17.16	32.144		
3,100.00	3,043.68	3,067.25	3,014.88	9.22	8.85	-139.33	175.77	337.13	572.94	555.40	17.55	32.649		
3,200.00	3,141.43	3,164.73	3,110.30	9.45	9.05	-138.75	182.37	355.95	594.49	576.53	17.96	33.100		
3,300.00	3,239.17	3,262.21	3,205.71	9.69	9.26	-138.21	188.98	374.78	616.09	597.70	18.39	33.502		
3,400.00	3,336.91	3,359.68	3,301.13	9.93	9.49	-137.70	195.58	393.60	637.74	618.90	18.84	33.858		
3,500.00	3,434.65	3,457.16	3,396.54	10.19	9.72	-137.23	202.18	412.43	659.43	640.14	19.30	34.173		
3,600.00	3,532.39	3,554.64	3,491.96	10.45	9.95	-136.78	208.79	431.26	681.17	661.40	19.77	34.449		
3,700.00	3,630.13	3,652.12	3,587.37	10.72	10.19	-136.37	215.39	450.08	702.94	682.68	20.26	34.692		
3,800.00	3,727.87	3,749.60	3,682.78	11.00	10.44	-135.98	222.00	468.91	724.74	703.98	20.76	34.904		
3,900.00	3,825.62	3,847.07	3,778.20	11.28	10.70	-135.61	228.60	487.73	746.58	725.30	21.28	35.089		
4,000.00	3,923.36	3,944.55	3,873.61	11.57	10.96	-135.26	235.20	506.56	768.44	746.64	21.80	35.248		
4,100.00	4,021.10	4,042.03	3,969.03	11.86	11.22	-134.93	241.81	525.38	790.33	767.99	22.33	35.386		
4,200.00	4,118.84	4,139.51	4,064.44	12.16	11.49	-134.62	248.41	544.21	812.24	789.36	22.88	35.503		
4,300.00	4,216.58	4,236.98	4,159.86	12.46	11.77	-134.33	255.01	563.04	834.17	810.74	23.43	35.603		
4,400.00	4,314.32	4,334.46	4,255.27	12.77	12.05	-134.05	261.62	581.86	856.13	832.14	23.99	35.687		
4,500.00	4,412.07	4,431.94	4,350.68	13.08	12.33	-133.79	268.22	600.69	878.10	853.54	24.56	35.757		
4,600.00	4,509.81	4,529.42	4,446.10	13.39	12.62	-133.53	274.82	619.51	900.09	874.95	25.13	35.815		
4,700.00	4,607.55	4,626.90	4,541.51	13.71	12.91	-133.29	281.43	638.34	922.09	896.38	25.71	35.862		
4,800.00	4,705.29	4,724.37	4,636.93	14.03	13.20	-133.06	288.03	657.17	944.11	917.81	26.30	35.898		
4,900.00	4,803.03	4,821.85	4,732.34	14.35	13.49	-132.85	294.64	675.99	966.14	939.25	26.89	35.926		
5,000.00	4,900.77	4,919.33	4,827.76	14.68	13.79	-132.64	301.24	694.82	988.19	960.69	27.49	35.946		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	5,016.81	4,923.17	15.01	14.09	-132.44	307.84	713.64	1,010.24	982.15	28.09	35.960		
5,200.00	5,096.26	5,114.29	5,018.59	15.34	14.39	-132.25	314.45	732.47	1,032.31	1,003.61	28.70	35.967		
5,300.00	5,194.00	5,211.76	5,114.00	15.67	14.70	-132.06	321.05	751.30	1,054.39	1,025.08	29.31	35.969		
5,400.00	5,291.74	5,309.24	5,209.41	16.01	15.00	-131.89	327.65	770.12	1,076.48	1,046.55	29.93	35.966		
5,500.00	5,389.48	5,406.72	5,304.83	16.35	15.31	-131.72	334.26	788.95	1,098.58	1,068.03	30.55	35.959		
5,600.00	5,487.22	5,504.20	5,400.24	16.69	15.62	-131.56	340.86	807.77	1,120.68	1,089.51	31.17	35.948		
5,700.00	5,584.96	5,601.67	5,495.66	17.03	15.94	-131.40	347.46	826.60	1,142.80	1,110.99	31.80	35.934		
5,800.00	5,682.71	5,700.85	5,591.07	17.37	16.26	-131.25	354.07	845.42	1,164.92	1,132.48	32.44	35.911		
5,900.00	5,780.45	5,803.37	5,686.49	17.72	16.59	-131.11	360.67	864.25	1,187.05	1,153.96	33.09	35.874		
6,000.00	5,878.19	5,894.11	5,781.90	18.06	16.88	-130.97	367.28	883.08	1,209.19	1,175.48	33.70	35.877		
6,100.00	5,975.93	5,991.59	5,877.32	18.41	17.20	-130.83	373.88	901.90	1,231.33	1,196.99	34.34	35.853		
6,200.00	6,073.67	6,089.06	5,972.73	18.76	17.52	-130.71	380.48	920.73	1,253.48	1,218.49	34.99	35.828		
6,300.00	6,171.41	6,186.54	6,068.14	19.11	17.84	-130.58	387.09	939.55	1,275.63	1,240.00	35.63	35.802		
6,400.00	6,269.16	6,284.02	6,163.56	19.46	18.17	-130.46	393.69	958.38	1,297.79	1,261.52	36.28	35.774		
6,500.00	6,366.90	6,381.50	6,258.97	19.81	18.49	-130.34	400.29	977.21	1,319.96	1,283.03	36.93	35.745		
6,600.00	6,464.63	6,478.98	6,354.39	20.17	18.81	-127.27	406.90	996.03	1,342.12	1,304.55	37.58	35.716		
6,700.00	6,560.49	6,576.40	6,449.75	20.55	19.14	-108.08	413.50	1,014.85	1,363.17	1,324.92	38.25	35.639		
6,800.00	6,651.48	6,671.99	6,543.32	21.01	19.46	-99.64	419.97	1,033.31	1,382.20	1,343.23	38.97	35.467		
6,900.00	6,735.38	6,762.23	6,631.61	21.54	19.76	-95.46	426.09	1,050.92	1,399.45	1,359.72	39.73	35.221		
7,000.00	6,810.10	6,847.72	6,713.38	22.15	20.11	-93.14	431.78	1,074.97	1,415.59	1,374.99	40.60	34.869		
7,100.00	6,873.81	6,938.65	6,795.98	22.82	20.57	-91.92	437.60	1,112.34	1,430.61	1,388.92	41.69	34.319		
7,200.00	6,924.94	7,036.53	6,877.98	23.57	21.17	-91.48	443.45	1,165.30	1,444.22	1,401.19	43.03	33.562		
7,300.00	6,962.24	7,143.24	6,956.99	24.38	21.95	-91.67	449.19	1,236.61	1,456.09	1,411.41	44.68	32.590		
7,400.00	6,984.78	7,260.95	7,029.00	25.26	22.96	-92.41	454.55	1,329.35	1,465.77	1,419.09	46.68	31.403		
7,500.07	6,992.00	7,391.96	7,087.62	26.19	24.25	-93.63	459.12	1,446.17	1,472.72	1,423.67	49.05	30.025		
7,600.00	6,991.48	7,539.94	7,123.60	27.18	25.87	-95.05	462.26	1,589.33	1,476.77	1,424.91	51.86	28.478		
7,700.00	6,990.95	7,671.39	7,128.81	28.24	27.38	-95.27	463.25	1,720.53	1,477.67	1,423.07	54.60	27.065		
7,800.00	6,990.42	7,771.38	7,128.38	29.37	28.58	-95.28	463.70	1,820.53	1,477.99	1,420.99	57.01	25.927		
7,900.00	6,989.89	7,871.38	7,127.96	30.54	29.83	-95.28	464.15	1,920.53	1,478.32	1,418.81	59.50	24.844		
8,000.00	6,989.36	7,971.38	7,127.53	31.77	31.11	-95.28	464.61	2,020.53	1,478.64	1,416.56	62.08	23.818		
8,100.00	6,988.83	8,071.38	7,127.10	33.04	32.43	-95.29	465.06	2,120.52	1,478.97	1,414.24	64.73	22.850		
8,200.00	6,988.30	8,171.38	7,126.67	34.34	33.78	-95.29	465.51	2,220.52	1,479.29	1,411.86	67.43	21.937		
8,300.00	6,987.77	8,271.38	7,126.25	35.68	35.16	-95.29	465.96	2,320.52	1,479.61	1,409.42	70.20	21.078		
8,400.00	6,987.24	8,371.38	7,125.82	37.05	36.56	-95.29	466.42	2,420.52	1,479.94	1,406.93	73.01	20.272		
8,500.00	6,986.71	8,471.38	7,125.39	38.44	37.98	-95.30	466.87	2,520.52	1,480.26	1,404.40	75.86	19.514		
8,600.00	6,986.18	8,571.38	7,124.97	39.85	39.42	-95.30	467.32	2,620.51	1,480.58	1,401.84	78.75	18.802		
8,700.00	6,985.65	8,671.38	7,124.54	41.29	40.88	-95.30	467.77	2,720.51	1,480.91	1,399.24	81.67	18.132		
8,800.00	6,985.12	8,771.38	7,124.11	42.74	42.36	-95.31	468.23	2,820.51	1,481.23	1,396.61	84.63	17.503		
8,900.00	6,984.59	8,871.38	7,123.68	44.21	43.85	-95.31	468.68	2,920.51	1,481.56	1,393.95	87.61	16.911		
9,000.00	6,984.06	8,971.38	7,123.26	45.69	45.35	-95.31	469.13	3,020.50	1,481.88	1,391.27	90.61	16.354		
9,100.00	6,983.53	9,071.38	7,122.83	47.19	46.86	-95.31	469.58	3,120.50	1,482.20	1,388.56	93.64	15.828		
9,200.00	6,983.00	9,171.38	7,122.40	48.70	48.39	-95.32	470.03	3,220.50	1,482.53	1,385.84	96.69	15.333		
9,300.00	6,982.47	9,271.38	7,121.98	50.22	49.92	-95.32	470.49	3,320.50	1,482.85	1,383.09	99.76	14.864		
9,400.00	6,981.94	9,371.38	7,121.55	51.74	51.46	-95.32	470.94	3,420.49	1,483.18	1,380.33	102.84	14.422		
9,500.00	6,981.41	9,471.38	7,121.12	53.28	53.01	-95.33	471.39	3,520.49	1,483.50	1,377.56	105.94	14.003		
9,600.00	6,980.88	9,571.37	7,120.69	54.83	54.57	-95.33	471.84	3,620.49	1,483.82	1,374.77	109.05	13.606		
9,700.00	6,980.35	9,671.37	7,120.27	56.38	56.14	-95.33	472.30	3,720.49	1,484.15	1,371.97	112.18	13.230		
9,800.00	6,979.82	9,771.37	7,119.84	57.94	57.71	-95.33	472.75	3,820.48	1,484.47	1,369.16	115.31	12.873		
9,900.00	6,979.29	9,871.37	7,119.41	59.51	59.28	-95.34	473.20	3,920.48	1,484.80	1,366.33	118.46	12.534		
10,000.00	6,978.76	9,971.37	7,118.99	61.08	60.86	-95.34	473.65	4,020.48	1,485.12	1,363.50	121.62	12.211		
10,100.00	6,978.23	10,071.37	7,118.56	62.65	62.45	-95.34	474.11	4,120.48	1,485.44	1,360.66	124.78	11.904		
10,200.00	6,977.70	10,171.37	7,118.13	64.24	64.04	-95.35	474.56	4,220.47	1,485.77	1,357.81	127.96	11.611		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	
10,300.00	6,977.17	10,271.37	7,117.70	65.82	65.63	-95.35	475.01	4,320.47	1,486.09	1,354.95	131.14	11.332	
10,400.00	6,976.64	10,371.37	7,117.28	67.41	67.23	-95.35	475.46	4,420.47	1,486.41	1,352.08	134.33	11.065	
10,500.00	6,976.11	10,471.37	7,116.85	69.01	68.83	-95.35	475.92	4,520.47	1,486.74	1,349.21	137.53	10.810	
10,600.00	6,975.58	10,571.37	7,116.42	70.61	70.43	-95.36	476.37	4,620.46	1,487.06	1,346.33	140.73	10.567	
10,700.00	6,975.05	10,671.37	7,116.00	72.21	72.04	-95.36	476.82	4,720.46	1,487.39	1,343.45	143.94	10.333	
10,800.00	6,974.52	10,771.37	7,115.57	73.81	73.65	-95.36	477.27	4,820.46	1,487.71	1,340.56	147.15	10.110	
10,900.00	6,973.99	10,871.37	7,115.14	75.42	75.26	-95.37	477.73	4,920.46	1,488.03	1,337.66	150.37	9.896	
11,000.00	6,973.46	10,971.37	7,114.72	77.03	76.88	-95.37	478.18	5,020.45	1,488.36	1,334.76	153.60	9.690	
11,100.00	6,972.93	11,071.37	7,114.29	78.65	78.50	-95.37	478.63	5,120.45	1,488.68	1,331.86	156.82	9.493	
11,200.00	6,972.40	11,171.37	7,113.86	80.26	80.12	-95.37	479.08	5,220.45	1,489.01	1,328.95	160.06	9.303	
11,300.00	6,971.87	11,271.37	7,113.43	81.88	81.74	-95.38	479.54	5,320.45	1,489.33	1,326.04	163.29	9.121	
11,400.00	6,971.34	11,371.36	7,113.01	83.50	83.37	-95.38	479.99	5,420.44	1,489.65	1,323.12	166.53	8.945	
11,500.00	6,970.81	11,471.36	7,112.58	85.12	84.99	-95.38	480.44	5,520.44	1,489.98	1,320.20	169.78	8.776	
11,600.00	6,970.28	11,571.36	7,112.15	86.75	86.62	-95.38	480.89	5,620.44	1,490.30	1,317.28	173.02	8.613	
11,700.00	6,969.75	11,671.36	7,111.73	88.37	88.25	-95.39	481.34	5,720.44	1,490.63	1,314.35	176.28	8.456	
11,800.00	6,969.22	11,771.36	7,111.30	90.00	89.88	-95.39	481.80	5,820.43	1,490.95	1,311.42	179.53	8.305	
11,900.00	6,968.69	11,871.36	7,110.87	91.63	91.51	-95.39	482.25	5,920.43	1,491.27	1,308.49	182.78	8.159	
12,000.00	6,968.16	11,971.36	7,110.44	93.26	93.15	-95.40	482.70	6,020.43	1,491.60	1,305.55	186.04	8.017	
12,100.00	6,967.63	12,071.36	7,110.02	94.89	94.78	-95.40	483.15	6,120.43	1,491.92	1,302.62	189.30	7.881	
12,200.00	6,967.10	12,171.36	7,109.59	96.53	96.42	-95.40	483.61	6,220.42	1,492.25	1,299.68	192.57	7.749	
12,300.00	6,966.57	12,271.36	7,109.16	98.16	98.06	-95.40	484.06	6,320.42	1,492.57	1,296.74	195.83	7.622	
12,400.00	6,966.04	12,371.36	7,108.74	99.80	99.70	-95.41	484.51	6,420.42	1,492.89	1,293.79	199.10	7.498	
12,500.00	6,965.51	12,471.36	7,108.31	101.44	101.34	-95.41	484.96	6,520.42	1,493.22	1,290.85	202.37	7.379	
12,600.00	6,964.98	12,571.36	7,107.88	103.08	102.98	-95.41	485.42	6,620.41	1,493.54	1,287.90	205.64	7.263	
12,700.00	6,964.45	12,671.36	7,107.45	104.72	104.62	-95.42	485.87	6,720.41	1,493.87	1,284.95	208.92	7.151	
12,800.00	6,963.92	12,771.36	7,107.03	106.36	106.26	-95.42	486.32	6,820.41	1,494.19	1,282.00	212.19	7.042	
12,900.00	6,963.39	12,871.36	7,106.60	108.00	107.91	-95.42	486.77	6,920.41	1,494.51	1,279.04	215.47	6.936	
13,000.00	6,962.86	12,971.36	7,106.17	109.64	109.55	-95.42	487.23	7,020.40	1,494.84	1,276.09	218.75	6.834	
13,100.00	6,962.33	13,071.36	7,105.75	111.28	111.20	-95.43	487.68	7,120.40	1,495.16	1,273.13	222.03	6.734	
13,200.00	6,961.80	13,171.35	7,105.32	112.93	112.84	-95.43	488.13	7,220.40	1,495.49	1,270.18	225.31	6.637	
13,300.00	6,961.27	13,271.35	7,104.89	114.57	114.49	-95.43	488.58	7,320.40	1,495.81	1,267.22	228.59	6.544	
13,400.00	6,960.74	13,371.35	7,104.46	116.22	116.14	-95.43	489.04	7,420.39	1,496.13	1,264.26	231.88	6.452	
13,500.00	6,960.21	13,471.35	7,104.04	117.87	117.79	-95.44	489.49	7,520.39	1,496.46	1,261.29	235.16	6.363	
13,600.00	6,959.68	13,571.35	7,103.61	119.51	119.43	-95.44	489.94	7,620.39	1,496.78	1,258.33	238.45	6.277	
13,700.00	6,959.15	13,671.35	7,103.18	121.16	121.08	-95.44	490.39	7,720.39	1,497.11	1,255.37	241.74	6.193	
13,800.00	6,958.62	13,771.35	7,102.76	122.81	122.73	-95.45	490.85	7,820.38	1,497.43	1,252.40	245.03	6.111	
13,900.00	6,958.09	13,871.35	7,102.33	124.46	124.39	-95.45	491.30	7,920.38	1,497.75	1,249.43	248.32	6.032	
14,000.00	6,957.56	13,971.35	7,101.90	126.11	126.04	-95.45	491.75	8,020.38	1,498.08	1,246.47	251.61	5.954	
14,100.00	6,957.03	14,071.35	7,101.48	127.76	127.69	-95.45	492.20	8,120.38	1,498.40	1,243.50	254.90	5.878	
14,200.00	6,956.50	14,171.35	7,101.05	129.41	129.34	-95.46	492.65	8,220.37	1,498.73	1,240.53	258.20	5.805	
14,300.00	6,955.97	14,271.35	7,100.62	131.07	130.99	-95.46	493.11	8,320.37	1,499.05	1,237.56	261.49	5.733	
14,400.00	6,955.44	14,371.35	7,100.19	132.72	132.65	-95.46	493.56	8,420.37	1,499.37	1,234.59	264.79	5.663	
14,500.00	6,954.91	14,471.35	7,099.77	134.37	134.30	-95.47	494.01	8,520.37	1,499.70	1,231.62	268.08	5.594	
14,600.00	6,954.38	14,571.35	7,099.34	136.02	135.96	-95.47	494.46	8,620.36	1,500.02	1,228.64	271.38	5.527	
14,700.00	6,953.85	14,671.35	7,098.91	137.68	137.61	-95.47	494.92	8,720.36	1,500.35	1,225.67	274.68	5.462	
14,800.00	6,953.32	14,771.35	7,098.49	139.33	139.27	-95.47	495.37	8,820.36	1,500.67	1,222.69	277.98	5.399	
14,900.00	6,952.79	14,871.35	7,098.06	140.99	140.92	-95.48	495.82	8,920.36	1,500.99	1,219.72	281.27	5.336	
15,000.00	6,952.26	14,971.35	7,097.63	142.64	142.58	-95.48	496.27	9,020.35	1,501.32	1,216.74	284.57	5.276	
15,100.00	6,951.73	15,071.34	7,097.20	144.30	144.24	-95.48	496.73	9,120.35	1,501.64	1,213.77	287.88	5.216	
15,200.00	6,951.20	15,171.34	7,096.78	145.95	145.89	-95.48	497.18	9,220.35	1,501.97	1,210.79	291.18	5.158	
15,300.00	6,950.67	15,271.34	7,096.35	147.61	147.55	-95.49	497.63	9,320.35	1,502.29	1,207.81	294.48	5.102	
15,400.00	6,950.14	15,371.34	7,095.92	149.27	149.21	-95.49	498.08	9,420.34	1,502.61	1,204.83	297.78	5.046	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,949.61	15,471.34	7,095.50	150.92	150.86	-95.49	498.54	9,520.34	1,502.94	1,201.85	301.08	4.992	
15,600.00	6,949.08	15,571.34	7,095.07	152.58	152.52	-95.50	498.99	9,620.34	1,503.26	1,198.88	304.39	4.939	
15,700.00	6,948.55	15,671.34	7,094.64	154.24	154.18	-95.50	499.44	9,720.34	1,503.59	1,195.90	307.69	4.887	
15,800.00	6,948.02	15,771.34	7,094.21	155.90	155.84	-95.50	499.89	9,820.33	1,503.91	1,192.91	311.00	4.836	
15,900.00	6,947.49	15,871.34	7,093.79	157.56	157.50	-95.50	500.35	9,920.33	1,504.24	1,189.93	314.30	4.786	
16,000.00	6,946.96	15,971.34	7,093.36	159.22	159.16	-95.51	500.80	10,020.33	1,504.56	1,186.95	317.61	4.737	
16,100.00	6,946.43	16,071.34	7,092.93	160.87	160.82	-95.51	501.25	10,120.33	1,504.88	1,183.97	320.91	4.689	
16,200.00	6,945.90	16,171.34	7,092.51	162.53	162.48	-95.51	501.70	10,220.32	1,505.21	1,180.99	324.22	4.643	
16,300.00	6,945.37	16,271.34	7,092.08	164.19	164.14	-95.51	502.16	10,320.32	1,505.53	1,178.00	327.53	4.597	
16,400.00	6,944.84	16,371.34	7,091.65	165.85	165.80	-95.52	502.61	10,420.32	1,505.86	1,175.02	330.84	4.552	
16,500.00	6,944.31	16,471.34	7,091.22	167.51	167.46	-95.52	503.06	10,520.32	1,506.18	1,172.04	334.14	4.508	
16,600.00	6,943.78	16,571.34	7,090.80	169.17	169.12	-95.52	503.51	10,620.31	1,506.50	1,169.05	337.45	4.464	
16,700.00	6,943.25	16,671.34	7,090.37	170.83	170.78	-95.53	503.96	10,720.31	1,506.83	1,166.07	340.76	4.422	
16,800.00	6,942.72	16,771.34	7,089.94	172.49	172.44	-95.53	504.42	10,820.31	1,507.15	1,163.08	344.07	4.380	
16,900.00	6,942.19	16,871.33	7,089.52	174.16	174.10	-95.53	504.87	10,920.31	1,507.48	1,160.10	347.38	4.340	
17,000.00	6,941.66	16,971.33	7,089.09	175.82	175.77	-95.53	505.32	11,020.30	1,507.80	1,157.11	350.69	4.300	
17,100.00	6,941.13	17,071.33	7,088.66	177.48	177.43	-95.54	505.77	11,120.30	1,508.12	1,154.13	354.00	4.260	
17,200.00	6,940.60	17,171.33	7,088.24	179.14	179.09	-95.54	506.23	11,220.30	1,508.45	1,151.14	357.31	4.222	
17,300.00	6,940.07	17,271.33	7,087.81	180.80	180.75	-95.54	506.68	11,320.30	1,508.77	1,148.15	360.62	4.184	
17,400.00	6,939.54	17,371.33	7,087.38	182.46	182.41	-95.54	507.13	11,420.29	1,509.10	1,145.16	363.93	4.147	
17,500.00	6,939.01	17,471.33	7,086.95	184.13	184.08	-95.55	507.58	11,520.29	1,509.42	1,142.18	367.24	4.110	
17,600.00	6,938.48	17,571.33	7,086.53	185.79	185.74	-95.55	508.04	11,620.29	1,509.75	1,139.19	370.56	4.074	
17,601.54	6,938.47	17,572.87	7,086.52	185.81	185.77	-95.55	508.04	11,621.83	1,509.75	1,139.14	370.61	4.074 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.55	1.09	-140.04	140.04					
100.00	100.00	102.00	102.00	3.28	3.28	-89.55	1.09	-140.04	140.04	132.52	7.53	18.600		
200.00	200.00	202.00	202.00	3.31	3.31	-89.55	1.09	-140.04	140.04	132.47	7.57	18.489	CC, ES	
300.00	299.98	304.07	304.06	3.35	3.35	135.60	2.67	-139.70	140.98	133.32	7.66	18.407		
400.00	399.84	409.03	408.92	3.41	3.42	138.16	5.08	-136.17	141.56	133.78	7.78	18.204		
500.00	499.45	513.75	513.34	3.49	3.51	141.91	7.72	-128.83	141.52	133.58	7.94	17.834		
581.00	579.87	598.28	597.39	3.58	3.61	145.82	10.02	-120.13	141.42	133.32	8.10	17.467		
600.00	598.70	618.06	617.02	3.61	3.63	146.85	10.58	-117.73	141.43	133.29	8.14	17.379		
700.00	697.47	721.85	719.70	3.76	3.79	152.95	13.65	-102.96	142.03	133.64	8.39	16.932		
800.00	795.62	823.70	819.89	3.96	3.98	159.95	16.86	-85.00	144.34	135.64	8.70	16.589		
900.00	893.37	921.93	916.36	4.21	4.20	166.81	20.01	-66.76	149.94	140.85	9.09	16.503		
1,000.00	991.11	1,020.16	1,012.83	4.48	4.44	173.12	23.16	-48.52	157.59	148.08	9.51	16.567		
1,100.00	1,088.85	1,118.38	1,109.30	4.78	4.70	178.79	26.31	-30.28	167.00	157.02	9.98	16.733		
1,200.00	1,186.59	1,216.61	1,205.77	5.10	4.98	-176.17	29.46	-12.05	177.90	167.41	10.49	16.961		
1,300.00	1,284.33	1,314.84	1,302.24	5.44	5.28	-171.73	32.61	6.19	190.02	178.99	11.03	17.224		
1,400.00	1,382.08	1,413.07	1,398.71	5.80	5.59	-167.84	35.76	24.43	203.15	191.54	11.61	17.502		
1,500.00	1,479.82	1,511.30	1,495.18	6.16	5.91	-164.42	38.91	42.66	217.10	204.89	12.21	17.781		
1,600.00	1,577.56	1,609.53	1,591.65	6.54	6.23	-161.42	42.06	60.90	231.73	218.90	12.84	18.052		
1,700.00	1,675.30	1,707.76	1,688.12	6.92	6.57	-158.77	45.21	79.14	246.92	233.43	13.48	18.311		
1,800.00	1,773.04	1,805.99	1,784.59	7.31	6.90	-156.44	48.36	97.38	262.56	248.42	14.14	18.569		
1,900.00	1,870.78	1,904.22	1,881.06	7.53	7.08	-154.36	51.51	115.61	278.59	264.45	14.14	19.699		
2,000.00	1,968.53	2,002.45	1,977.53	7.58	7.13	-152.52	54.66	133.85	294.93	280.68	14.25	20.696		
2,100.00	2,066.27	2,100.68	2,074.00	7.65	7.19	-150.86	57.81	152.09	311.55	297.16	14.39	21.651		
2,200.00	2,164.01	2,201.10	2,170.47	7.74	7.26	-149.38	60.96	170.33	328.39	313.83	14.56	22.553		
2,300.00	2,261.75	2,302.87	2,266.94	7.84	7.36	-148.03	64.11	188.56	345.43	330.67	14.76	23.398		
2,400.00	2,359.49	2,404.64	2,363.41	7.96	7.47	-146.82	67.26	206.80	362.64	347.64	15.00	24.182		
2,500.00	2,457.23	2,506.41	2,459.88	8.10	7.59	-145.71	70.41	225.04	379.99	364.73	15.26	24.905		
2,600.00	2,554.98	2,608.18	2,556.35	8.26	7.73	-144.70	73.56	243.27	397.46	381.92	15.55	25.567		
2,700.00	2,652.72	2,709.95	2,652.82	8.42	7.89	-143.78	76.71	261.51	415.05	399.19	15.86	26.169		
2,800.00	2,750.46	2,788.28	2,749.29	8.61	8.02	-142.93	79.86	279.75	432.73	416.57	16.16	26.777		
2,900.00	2,848.20	2,886.51	2,845.76	8.80	8.19	-142.15	83.01	297.99	450.50	433.99	16.51	27.280		
3,000.00	2,945.94	2,984.74	2,942.23	9.01	8.37	-141.43	86.16	316.22	468.34	451.46	16.89	27.731		
3,100.00	3,043.68	3,082.97	3,038.70	9.22	8.56	-140.76	89.31	334.46	486.26	468.97	17.28	28.133		
3,200.00	3,141.43	3,181.20	3,135.17	9.45	8.76	-140.13	92.46	352.70	504.23	486.53	17.70	28.491		
3,300.00	3,239.17	3,279.42	3,231.64	9.69	8.97	-139.55	95.61	370.94	522.25	504.12	18.13	28.807		
3,400.00	3,336.91	3,377.65	3,328.11	9.93	9.18	-139.01	98.76	389.17	540.32	521.75	18.58	29.086		
3,500.00	3,434.65	3,475.88	3,424.58	10.19	9.41	-138.51	101.91	407.41	558.44	539.40	19.04	29.331		
3,600.00	3,532.39	3,574.11	3,521.05	10.45	9.64	-138.03	105.06	425.65	576.60	557.08	19.52	29.544		
3,700.00	3,630.13	3,672.34	3,617.52	10.72	9.88	-137.59	108.21	443.88	594.79	574.78	20.01	29.730		
3,800.00	3,727.87	3,770.57	3,713.99	11.00	10.12	-137.17	111.36	462.12	613.01	592.51	20.51	29.890		
3,900.00	3,825.62	3,868.80	3,810.46	11.28	10.37	-136.77	114.51	480.36	631.27	610.25	21.02	30.028		
4,000.00	3,923.36	3,967.03	3,906.93	11.57	10.63	-136.40	117.66	498.60	649.55	628.00	21.55	30.146		
4,100.00	4,021.10	4,065.26	4,003.40	11.86	10.89	-136.05	120.81	516.83	667.86	645.78	22.08	30.246		
4,200.00	4,118.84	4,163.49	4,099.87	12.16	11.15	-135.71	123.96	535.07	686.19	663.57	22.62	30.330		
4,300.00	4,216.58	4,261.72	4,196.34	12.46	11.42	-135.40	127.11	553.31	704.54	681.37	23.18	30.400		
4,400.00	4,314.32	4,359.94	4,292.81	12.77	11.70	-135.10	130.26	571.55	722.91	699.18	23.74	30.458		
4,500.00	4,412.07	4,458.17	4,389.28	13.08	11.97	-134.81	133.41	589.78	741.30	717.00	24.30	30.504		
4,600.00	4,509.81	4,556.40	4,485.75	13.39	12.25	-134.54	136.56	608.02	759.71	734.83	24.88	30.540		
4,700.00	4,607.55	4,654.63	4,582.22	13.71	12.54	-134.28	139.71	626.26	778.13	752.68	25.46	30.568		
4,800.00	4,705.29	4,752.86	4,678.69	14.03	12.82	-134.03	142.86	644.49	796.57	770.53	26.04	30.588		
4,900.00	4,803.03	4,851.09	4,775.16	14.35	13.11	-133.80	146.01	662.73	815.02	788.39	26.63	30.601		
5,000.00	4,900.77	4,949.32	4,871.63	14.68	13.40	-133.57	149.16	680.97	833.48	806.25	27.23	30.608		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	5,047.55	4,968.10	15.01	13.70	-133.36	152.31	699.21	851.96	824.13	27.83	30.610		
5,200.00	5,096.26	5,145.78	5,064.57	15.34	14.00	-133.15	155.46	717.44	870.45	842.01	28.44	30.607		
5,300.00	5,194.00	5,244.01	5,161.04	15.67	14.29	-132.95	158.61	735.68	888.94	859.89	29.05	30.600		
5,400.00	5,291.74	5,342.23	5,257.51	16.01	14.60	-132.76	161.76	753.92	907.45	877.79	29.67	30.589		
5,500.00	5,389.48	5,440.46	5,353.98	16.35	14.90	-132.58	164.91	772.16	925.97	895.68	30.28	30.576		
5,600.00	5,487.22	5,538.69	5,450.45	16.69	15.20	-132.41	168.06	790.39	944.49	913.59	30.91	30.559		
5,700.00	5,584.96	5,636.92	5,546.92	17.03	15.51	-132.24	171.21	808.63	963.03	931.49	31.53	30.541		
5,800.00	5,682.71	5,735.15	5,643.39	17.37	15.82	-132.08	174.36	826.87	981.57	949.40	32.16	30.520		
5,900.00	5,780.45	5,833.38	5,739.86	17.72	16.13	-131.92	177.51	845.10	1,000.11	967.32	32.79	30.498		
6,000.00	5,878.19	5,931.61	5,836.33	18.06	16.44	-131.77	180.66	863.34	1,018.67	985.24	33.43	30.473		
6,100.00	5,975.93	6,029.84	5,932.80	18.41	16.75	-131.63	183.81	881.58	1,037.23	1,003.16	34.07	30.448		
6,200.00	6,073.67	6,128.07	6,029.27	18.76	17.06	-131.49	186.96	899.82	1,055.80	1,021.09	34.71	30.422		
6,300.00	6,171.41	6,226.30	6,125.73	19.11	17.38	-131.35	190.11	918.05	1,074.37	1,039.02	35.35	30.394		
6,400.00	6,269.16	6,324.53	6,222.20	19.46	17.69	-131.22	193.26	936.29	1,092.95	1,056.96	35.99	30.366		
6,500.00	6,366.90	6,422.75	6,318.67	19.81	18.01	-131.10	196.41	954.53	1,111.54	1,074.90	36.64	30.337		
6,600.00	6,464.63	6,520.99	6,415.15	20.17	18.33	-128.05	199.56	972.77	1,130.12	1,092.83	37.29	30.308		
6,700.00	6,560.49	6,619.08	6,511.48	20.55	18.65	-109.25	202.70	990.98	1,147.72	1,109.77	37.95	30.245		
6,800.00	6,651.48	6,715.18	6,605.86	21.01	18.96	-101.27	205.79	1,008.82	1,163.64	1,125.00	38.64	30.113		
6,900.00	6,735.38	6,805.43	6,694.47	21.54	19.26	-97.57	208.69	1,025.71	1,178.34	1,138.98	39.36	29.941		
7,000.00	6,810.10	6,887.92	6,773.81	22.15	19.58	-95.62	211.61	1,047.87	1,192.91	1,152.76	40.15	29.715		
7,100.00	6,873.81	6,975.10	6,853.79	22.82	20.01	-94.70	215.13	1,082.21	1,207.57	1,166.44	41.13	29.358		
7,200.00	6,924.94	7,068.38	6,933.30	23.57	20.56	-94.47	219.29	1,130.67	1,222.11	1,179.76	42.35	28.856		
7,300.00	6,962.24	7,169.56	7,010.50	24.38	21.27	-94.79	224.19	1,195.72	1,236.24	1,192.39	43.85	28.194		
7,400.00	6,984.78	7,280.90	7,082.33	25.26	22.18	-95.59	229.87	1,280.41	1,249.54	1,203.87	45.67	27.363		
7,500.00	6,992.00	7,405.17	7,143.70	26.19	23.35	-96.82	236.39	1,388.04	1,261.42	1,213.57	47.85	26.362		
7,600.00	6,991.48	7,547.77	7,186.82	27.18	24.86	-98.75	243.78	1,523.45	1,271.10	1,220.57	50.52	25.160		
7,700.00	6,990.95	7,706.16	7,198.91	28.24	26.66	-99.28	250.88	1,668.55	1,277.09	1,223.47	53.61	23.821		
7,800.00	6,990.42	7,806.26	7,198.45	29.37	27.84	-99.25	255.56	1,768.34	1,281.58	1,225.59	55.99	22.888		
7,900.00	6,989.89	7,893.64	7,197.98	30.54	28.92	-99.22	260.23	1,868.13	1,286.08	1,227.77	58.31	22.057		
8,000.00	6,989.36	8,006.47	7,197.52	31.77	30.36	-99.19	264.91	1,967.91	1,290.58	1,229.56	61.02	21.152		
8,100.00	6,988.83	8,106.57	7,197.06	33.04	31.67	-99.16	269.59	2,067.70	1,295.08	1,231.44	63.64	20.351		
8,200.00	6,988.30	8,206.67	7,196.59	34.34	33.02	-99.13	274.27	2,167.48	1,299.57	1,233.25	66.32	19.595		
8,300.00	6,987.77	8,306.78	7,196.13	35.68	34.39	-99.10	278.94	2,267.27	1,304.07	1,235.01	69.06	18.883		
8,400.00	6,987.24	8,393.12	7,195.66	37.05	35.60	-99.07	283.62	2,367.06	1,308.57	1,236.91	71.66	18.262		
8,500.00	6,986.71	8,493.02	7,195.20	38.44	37.01	-99.04	288.30	2,466.84	1,313.07	1,238.59	74.48	17.630		
8,600.00	6,986.18	8,607.09	7,194.74	39.85	38.65	-99.02	292.98	2,566.63	1,317.57	1,240.02	77.55	16.991		
8,700.00	6,985.65	8,707.19	7,194.27	41.29	40.11	-98.99	297.65	2,666.41	1,322.07	1,241.62	80.45	16.433		
8,800.00	6,985.12	8,807.29	7,193.81	42.74	41.59	-98.96	302.33	2,766.20	1,326.57	1,243.19	83.38	15.909		
8,900.00	6,984.59	8,907.40	7,193.34	44.21	43.08	-98.93	307.01	2,865.99	1,331.07	1,244.72	86.35	15.416		
9,000.00	6,984.06	8,992.50	7,192.88	45.69	44.35	-98.90	311.68	2,965.77	1,335.57	1,246.46	89.11	14.988		
9,100.00	6,983.53	9,107.60	7,192.42	47.19	46.09	-98.88	316.36	3,065.56	1,340.07	1,247.73	92.34	14.512		
9,200.00	6,983.00	9,207.71	7,191.95	48.70	47.61	-98.85	321.04	3,165.34	1,344.57	1,249.20	95.37	14.098		
9,300.00	6,982.47	9,307.81	7,191.49	50.22	49.14	-98.82	325.72	3,265.13	1,349.08	1,250.66	98.42	13.708		
9,400.00	6,981.94	9,407.92	7,191.02	51.74	50.69	-98.80	330.39	3,364.92	1,353.58	1,252.09	101.48	13.338		
9,500.00	6,981.41	9,491.98	7,190.56	53.28	51.99	-98.77	335.07	3,464.70	1,358.08	1,253.76	104.32	13.019		
9,600.00	6,980.88	9,591.88	7,190.10	54.83	53.54	-98.74	339.75	3,564.49	1,362.58	1,255.17	107.41	12.686		
9,700.00	6,980.35	9,708.23	7,189.63	56.38	55.35	-98.72	344.43	3,664.27	1,367.08	1,256.32	110.77	12.342		
9,800.00	6,979.82	9,808.33	7,189.17	57.94	56.92	-98.69	349.10	3,764.06	1,371.59	1,257.70	113.88	12.044		
9,900.00	6,979.29	9,908.43	7,188.70	59.51	58.50	-98.66	353.78	3,863.85	1,376.09	1,259.08	117.01	11.760		
10,000.00	6,978.76	9,991.47	7,188.24	61.08	59.81	-98.64	358.46	3,963.63	1,380.59	1,260.71	119.89	11.516		
10,100.00	6,978.23	10,170.68	7,187.41	62.65	62.65	-98.62	362.03	4,142.78	1,382.61	1,258.04	124.57	11.099		
10,200.00	6,977.70	10,267.28	7,186.96	64.24	64.19	-98.63	361.21	4,239.37	1,381.63	1,253.97	127.67	10.822		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,367.27	7,186.49	65.82	65.78	-98.64	360.34	4,339.36	1,380.65	1,249.82	130.83	10.553		
10,400.00	6,976.64	10,467.27	7,186.03	67.41	67.38	-98.65	359.47	4,439.35	1,379.67	1,245.66	134.00	10.296		
10,500.00	6,976.11	10,567.26	7,185.56	69.01	68.99	-98.66	358.61	4,539.34	1,378.69	1,241.50	137.18	10.050		
10,600.00	6,975.58	10,667.26	7,185.09	70.61	70.59	-98.67	357.74	4,639.33	1,377.70	1,237.33	140.37	9.815		
10,700.00	6,975.05	10,767.25	7,184.63	72.21	72.20	-98.68	356.87	4,739.32	1,376.72	1,233.16	143.56	9.590		
10,800.00	6,974.52	10,867.25	7,184.16	73.81	73.81	-98.68	356.01	4,839.31	1,375.74	1,228.98	146.76	9.374		
10,900.00	6,973.99	10,967.24	7,183.70	75.42	75.43	-98.69	355.14	4,939.30	1,374.76	1,224.80	149.96	9.168		
11,000.00	6,973.46	11,067.24	7,183.23	77.03	77.04	-98.70	354.28	5,039.29	1,373.78	1,220.61	153.17	8.969		
11,100.00	6,972.93	11,167.23	7,182.76	78.65	78.66	-98.71	353.41	5,139.28	1,372.80	1,216.42	156.38	8.779		
11,200.00	6,972.40	11,267.22	7,182.30	80.26	80.28	-98.72	352.54	5,239.27	1,371.81	1,212.22	159.59	8.596		
11,300.00	6,971.87	11,367.22	7,181.83	81.88	81.91	-98.73	351.68	5,339.26	1,370.83	1,208.02	162.81	8.420		
11,400.00	6,971.34	11,467.21	7,181.37	83.50	83.53	-98.74	350.81	5,439.25	1,369.85	1,203.82	166.03	8.251		
11,500.00	6,970.81	11,567.21	7,180.90	85.12	85.16	-98.75	349.95	5,539.24	1,368.87	1,199.61	169.26	8.088		
11,600.00	6,970.28	11,667.20	7,180.44	86.75	86.79	-98.76	349.08	5,639.23	1,367.89	1,195.40	172.48	7.930		
11,700.00	6,969.75	11,767.20	7,179.97	88.37	88.42	-98.77	348.21	5,739.22	1,366.91	1,191.19	175.72	7.779		
11,800.00	6,969.22	11,867.19	7,179.50	90.00	90.05	-98.77	347.35	5,839.21	1,365.93	1,186.97	178.95	7.633		
11,900.00	6,968.69	11,967.19	7,179.04	91.63	91.69	-98.78	346.48	5,939.20	1,364.94	1,182.76	182.19	7.492		
12,000.00	6,968.16	12,067.18	7,178.57	93.26	93.32	-98.79	345.61	6,039.19	1,363.96	1,178.54	185.43	7.356		
12,100.00	6,967.63	12,167.18	7,178.11	94.89	94.96	-98.80	344.75	6,139.18	1,362.98	1,174.31	188.67	7.224		
12,200.00	6,967.10	12,267.17	7,177.64	96.53	96.60	-98.81	343.88	6,239.17	1,362.00	1,170.09	191.91	7.097		
12,300.00	6,966.57	12,367.17	7,177.18	98.16	98.24	-98.82	343.02	6,339.16	1,361.02	1,165.86	195.16	6.974		
12,400.00	6,966.04	12,467.16	7,176.71	99.80	99.88	-98.83	342.15	6,439.15	1,360.04	1,161.63	198.41	6.855		
12,500.00	6,965.51	12,567.16	7,176.24	101.44	101.52	-98.84	341.28	6,539.14	1,359.06	1,157.40	201.66	6.739		
12,600.00	6,964.98	12,667.15	7,175.78	103.08	103.16	-98.85	340.42	6,639.14	1,358.08	1,153.17	204.91	6.628		
12,700.00	6,964.45	12,767.15	7,175.31	104.72	104.80	-98.86	339.55	6,739.13	1,357.09	1,148.93	208.16	6.519		
12,800.00	6,963.92	12,867.14	7,174.85	106.36	106.45	-98.87	338.69	6,839.12	1,356.11	1,144.70	211.42	6.414		
12,900.00	6,963.39	12,967.14	7,174.38	108.00	108.09	-98.88	337.82	6,939.11	1,355.13	1,140.46	214.67	6.313		
13,000.00	6,962.86	13,067.13	7,173.91	109.64	109.74	-98.88	336.95	7,039.10	1,354.15	1,136.22	217.93	6.214		
13,100.00	6,962.33	13,167.13	7,173.45	111.28	111.39	-98.89	336.09	7,139.09	1,353.17	1,131.98	221.19	6.118		
13,200.00	6,961.80	13,267.12	7,172.98	112.93	113.03	-98.90	335.22	7,239.08	1,352.19	1,127.74	224.45	6.024		
13,300.00	6,961.27	13,367.12	7,172.52	114.57	114.68	-98.91	334.35	7,339.07	1,351.21	1,123.49	227.71	5.934		
13,400.00	6,960.74	13,467.11	7,172.05	116.22	116.33	-98.92	333.49	7,439.06	1,350.23	1,119.25	230.98	5.846		
13,500.00	6,960.21	13,567.11	7,171.59	117.87	117.98	-98.93	332.62	7,539.05	1,349.25	1,115.00	234.24	5.760		
13,600.00	6,959.68	13,667.10	7,171.12	119.51	119.63	-98.94	331.76	7,639.04	1,348.27	1,110.76	237.51	5.677		
13,700.00	6,959.15	13,767.10	7,170.65	121.16	121.28	-98.95	330.89	7,739.03	1,347.28	1,106.51	240.78	5.596		
13,800.00	6,958.62	13,867.09	7,170.19	122.81	122.93	-98.96	330.02	7,839.02	1,346.30	1,102.26	244.04	5.517		
13,900.00	6,958.09	13,967.09	7,169.72	124.46	124.59	-98.97	329.16	7,939.01	1,345.32	1,098.01	247.31	5.440		
14,000.00	6,957.56	14,067.08	7,169.26	126.11	126.24	-98.98	328.29	8,039.00	1,344.34	1,093.76	250.58	5.365		
14,100.00	6,957.03	14,167.08	7,168.79	127.76	127.89	-98.99	327.42	8,138.99	1,343.36	1,089.51	253.85	5.292		
14,200.00	6,956.50	14,267.07	7,168.32	129.41	129.55	-99.00	326.56	8,238.98	1,342.38	1,085.26	257.12	5.221		
14,300.00	6,955.97	14,367.07	7,167.86	131.07	131.20	-99.01	325.69	8,338.97	1,341.40	1,081.01	260.39	5.151		
14,400.00	6,955.44	14,467.06	7,167.39	132.72	132.86	-99.02	324.83	8,438.96	1,340.42	1,076.75	263.67	5.084		
14,500.00	6,954.91	14,567.06	7,166.93	134.37	134.51	-99.02	323.96	8,538.95	1,339.44	1,072.50	266.94	5.018		
14,600.00	6,954.38	14,667.05	7,166.46	136.02	136.17	-99.03	323.09	8,638.94	1,338.46	1,068.24	270.22	4.953		
14,700.00	6,953.85	14,767.05	7,166.00	137.68	137.82	-99.04	322.23	8,738.93	1,337.48	1,063.99	273.49	4.890		
14,800.00	6,953.32	14,867.04	7,165.53	139.33	139.48	-99.05	321.36	8,838.92	1,336.50	1,059.73	276.77	4.829		
14,900.00	6,952.79	14,967.04	7,165.06	140.99	141.14	-99.06	320.50	8,938.91	1,335.52	1,055.48	280.04	4.769		
15,000.00	6,952.26	15,067.03	7,164.60	142.64	142.79	-99.07	319.63	9,038.90	1,334.54	1,051.22	283.32	4.710		
15,100.00	6,951.73	15,167.03	7,164.13	144.30	144.45	-99.08	318.76	9,138.89	1,333.56	1,046.96	286.60	4.653		
15,200.00	6,951.20	15,267.02	7,163.67	145.95	146.11	-99.09	317.90	9,238.88	1,332.58	1,042.70	289.87	4.597		
15,300.00	6,950.67	15,367.02	7,163.20	147.61	147.77	-99.10	317.03	9,338.87	1,331.60	1,038.45	293.15	4.542		
15,400.00	6,950.14	15,467.01	7,162.73	149.27	149.43	-99.11	316.16	9,438.86	1,330.62	1,034.19	296.43	4.489		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,949.61	15,567.01	7,162.27	150.92	151.09	-99.12	315.30	9,538.85	1,329.64	1,029.93	299.71	4.436	
15,600.00	6,949.08	15,667.00	7,161.80	152.58	152.75	-99.13	314.43	9,638.84	1,328.66	1,025.67	302.99	4.385	
15,700.00	6,948.55	15,767.00	7,161.34	154.24	154.41	-99.14	313.57	9,738.83	1,327.68	1,021.41	306.27	4.335	
15,800.00	6,948.02	15,866.99	7,160.87	155.90	156.07	-99.15	312.70	9,838.82	1,326.70	1,017.15	309.55	4.286	
15,900.00	6,947.49	15,966.99	7,160.41	157.56	157.73	-99.16	311.83	9,938.81	1,325.72	1,012.89	312.83	4.238	
16,000.00	6,946.96	16,066.98	7,159.94	159.22	159.39	-99.17	310.97	10,038.80	1,324.74	1,008.63	316.11	4.191	
16,100.00	6,946.43	16,166.98	7,159.47	160.87	161.05	-99.18	310.10	10,138.79	1,323.76	1,004.36	319.39	4.145	
16,200.00	6,945.90	16,266.97	7,159.01	162.53	162.71	-99.19	309.23	10,238.78	1,322.78	1,000.10	322.68	4.099	
16,300.00	6,945.37	16,366.97	7,158.54	164.19	164.37	-99.20	308.37	10,338.77	1,321.80	995.84	325.96	4.055	
16,400.00	6,944.84	16,466.96	7,158.08	165.85	166.03	-99.21	307.50	10,438.76	1,320.82	991.58	329.24	4.012	
16,500.00	6,944.31	16,566.96	7,157.61	167.51	167.69	-99.22	306.64	10,538.75	1,319.84	987.32	332.52	3.969	
16,600.00	6,943.78	16,666.95	7,157.15	169.17	169.36	-99.23	305.77	10,638.74	1,318.86	983.05	335.81	3.927	
16,700.00	6,943.25	16,766.95	7,156.68	170.83	171.02	-99.24	304.90	10,738.73	1,317.88	978.79	339.09	3.887	
16,800.00	6,942.72	16,866.94	7,156.21	172.49	172.68	-99.25	304.04	10,838.72	1,316.90	974.53	342.37	3.846	
16,900.00	6,942.19	16,966.94	7,155.75	174.16	174.34	-99.26	303.17	10,938.71	1,315.92	970.26	345.66	3.807	
17,000.00	6,941.66	17,066.93	7,155.28	175.82	176.01	-99.26	302.31	11,038.70	1,314.94	966.00	348.94	3.768	
17,100.00	6,941.13	17,166.93	7,154.82	177.48	177.67	-99.27	301.44	11,138.69	1,313.96	961.74	352.23	3.730	
17,200.00	6,940.60	17,266.92	7,154.35	179.14	179.33	-99.28	300.57	11,238.68	1,312.98	957.47	355.51	3.693	
17,300.00	6,940.07	17,366.92	7,153.88	180.80	181.00	-99.29	299.71	11,338.67	1,312.00	953.21	358.79	3.657	
17,400.00	6,939.54	17,466.91	7,153.42	182.46	182.66	-99.30	298.84	11,438.66	1,311.02	948.94	362.08	3.621	
17,500.00	6,939.01	17,566.91	7,152.95	184.13	184.33	-99.31	297.97	11,538.65	1,310.04	944.68	365.36	3.586	
17,600.00	6,938.48	17,666.90	7,152.49	185.79	185.99	-99.32	297.11	11,638.64	1,309.06	940.41	368.65	3.551	
17,601.54	6,938.47	17,668.45	7,152.48	185.81	186.02	-99.32	297.09	11,640.18	1,309.05	940.35	368.70	3.550 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.56	1.82	-239.99	240.00				
100.00	100.00	103.00	103.00	3.28	3.28	-89.56	1.82	-239.99	240.00	232.47	7.53	31.875	
200.00	200.00	203.00	203.00	3.31	3.31	-89.56	1.82	-239.99	240.00	232.42	7.57	31.683	CC, ES
300.00	299.98	303.18	303.18	3.35	3.35	134.72	1.82	-239.99	241.22	233.56	7.66	31.487	
400.00	399.84	409.68	409.65	3.41	3.42	135.94	3.20	-238.41	243.49	235.70	7.79	31.265	
500.00	499.45	515.65	515.45	3.49	3.52	138.36	7.16	-233.88	245.81	237.86	7.96	30.890	
600.00	598.70	620.71	620.04	3.61	3.64	141.89	13.61	-226.48	248.81	240.64	8.18	30.436	
700.00	697.47	724.48	722.92	3.76	3.79	146.39	22.46	-216.33	253.36	244.91	8.45	29.998	
800.00	795.62	826.60	823.64	3.96	3.97	151.66	33.55	-203.62	260.50	251.73	8.77	29.688	
900.00	893.37	927.06	922.07	4.21	4.18	157.43	46.76	-188.48	270.06	260.90	9.16	29.468	
1,000.00	991.11	1,026.06	1,018.31	4.48	4.43	163.34	61.98	-171.03	280.95	271.34	9.61	29.233	
1,100.00	1,088.85	1,123.39	1,112.10	4.78	4.73	169.30	79.07	-151.43	293.77	283.66	10.12	29.038	
1,200.00	1,186.59	1,217.69	1,202.39	5.10	5.06	174.95	96.97	-130.92	309.24	298.57	10.67	28.970	
1,300.00	1,284.33	1,311.57	1,292.25	5.44	5.41	-179.95	114.82	-110.46	327.61	316.34	11.27	29.076	
1,400.00	1,382.08	1,405.44	1,382.11	5.80	5.79	-175.37	132.66	-90.00	348.42	336.53	11.89	29.309	
1,500.00	1,479.82	1,500.68	1,471.98	6.16	6.19	-171.30	150.51	-69.54	371.27	358.74	12.54	29.613	
1,600.00	1,577.56	1,606.81	1,561.84	6.54	6.65	-167.69	168.36	-49.08	395.81	382.56	13.26	29.861	
1,700.00	1,675.30	1,687.07	1,651.70	6.92	7.01	-164.49	186.20	-28.63	421.74	407.86	13.88	30.395	
1,800.00	1,773.04	1,780.94	1,741.57	7.31	7.44	-161.64	204.05	-8.17	448.82	434.25	14.57	30.806	
1,900.00	1,870.78	1,874.81	1,831.43	7.53	7.72	-159.11	221.89	12.29	476.85	462.22	14.62	32.607	
2,000.00	1,968.53	1,968.69	1,921.29	7.58	7.84	-156.86	239.74	32.75	505.67	490.92	14.76	34.264	
2,100.00	2,066.27	2,062.56	2,011.16	7.65	7.92	-154.84	257.59	53.21	535.17	520.29	14.88	35.976	
2,200.00	2,164.01	2,156.44	2,101.02	7.74	8.02	-153.03	275.43	73.66	565.22	550.20	15.03	37.612	
2,300.00	2,261.75	2,250.31	2,190.88	7.84	8.14	-151.39	293.28	94.12	595.76	580.54	15.21	39.160	
2,400.00	2,359.49	2,344.18	2,280.74	7.96	8.27	-149.91	311.13	114.58	626.70	611.26	15.43	40.610	
2,500.00	2,457.23	2,438.06	2,370.61	8.10	8.43	-148.57	328.97	135.04	657.99	642.31	15.68	41.959	
2,600.00	2,554.98	2,531.93	2,460.47	8.26	8.60	-147.35	346.82	155.50	689.58	673.62	15.96	43.204	
2,700.00	2,652.72	2,625.81	2,550.33	8.42	8.78	-146.24	364.67	175.95	721.44	705.17	16.27	44.346	
2,800.00	2,750.46	2,719.68	2,640.20	8.61	8.98	-145.21	382.51	196.41	753.52	736.92	16.60	45.387	
2,900.00	2,848.20	2,813.56	2,730.06	8.80	9.20	-144.27	400.36	216.87	785.81	768.85	16.96	46.330	
3,000.00	2,945.94	2,907.43	2,819.92	9.01	9.42	-143.41	418.21	237.33	818.27	800.93	17.34	47.181	
3,100.00	3,043.68	3,001.30	2,909.78	9.22	9.66	-142.61	436.05	257.79	850.89	833.15	17.75	47.945	
3,200.00	3,141.43	3,104.82	2,999.65	9.45	9.93	-141.86	453.90	278.25	883.66	865.46	18.20	48.560	
3,300.00	3,239.17	3,189.05	3,089.51	9.69	10.16	-141.17	471.75	298.70	916.54	897.93	18.62	49.233	
3,400.00	3,336.91	3,282.93	3,179.37	9.93	10.43	-140.53	489.59	319.16	949.54	930.46	19.08	49.772	
3,500.00	3,434.65	3,376.80	3,269.24	10.19	10.71	-139.93	507.44	339.62	982.64	963.08	19.56	50.249	
3,600.00	3,532.39	3,470.68	3,359.10	10.45	10.99	-139.37	525.28	360.08	1,015.83	995.78	20.05	50.669	
3,700.00	3,630.13	3,564.55	3,448.96	10.72	11.28	-138.84	543.13	380.54	1,049.10	1,028.54	20.55	51.039	
3,800.00	3,727.87	3,658.42	3,538.82	11.00	11.58	-138.35	560.98	400.99	1,082.44	1,061.37	21.07	51.363	
3,900.00	3,825.62	3,752.30	3,628.69	11.28	11.88	-137.88	578.82	421.45	1,115.86	1,094.25	21.61	51.645	
4,000.00	3,923.36	3,846.17	3,718.55	11.57	12.19	-137.44	596.67	441.91	1,149.33	1,127.18	22.15	51.890	
4,100.00	4,021.10	3,940.05	3,808.41	11.86	12.50	-137.03	614.52	462.37	1,182.86	1,160.16	22.70	52.103	
4,200.00	4,118.84	4,033.92	3,898.28	12.16	12.82	-136.64	632.36	482.83	1,216.45	1,193.18	23.27	52.286	
4,300.00	4,216.58	4,127.80	3,988.14	12.46	13.14	-136.27	650.21	503.29	1,250.08	1,226.24	23.84	52.442	
4,400.00	4,314.32	4,221.67	4,078.00	12.77	13.47	-135.92	668.06	523.74	1,283.75	1,259.34	24.42	52.575	
4,500.00	4,412.07	4,315.54	4,167.87	13.08	13.80	-135.59	685.90	544.20	1,317.47	1,292.47	25.01	52.687	
4,600.00	4,509.81	4,409.42	4,257.73	13.39	14.14	-135.27	703.75	564.66	1,351.22	1,325.62	25.60	52.781	
4,700.00	4,607.55	4,503.29	4,347.59	13.71	14.48	-134.97	721.60	585.12	1,385.01	1,358.81	26.20	52.858	
4,800.00	4,705.29	4,602.83	4,437.45	14.03	14.84	-134.68	739.44	605.58	1,418.83	1,392.00	26.83	52.881	
4,900.00	4,803.03	4,708.96	4,527.32	14.35	15.23	-134.41	757.29	626.03	1,452.69	1,425.20	27.49	52.847	
5,000.00	4,900.77	4,784.92	4,617.18	14.68	15.51	-134.15	775.13	646.49	1,486.57	1,458.52	28.05	53.006	
5,100.00	4,998.52	4,878.79	4,707.04	15.01	15.87	-133.90	792.98	666.95	1,520.47	1,491.80	28.67	53.034	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,200.00	5,096.26	4,972.66	4,796.91	15.34	16.22	-133.66	810.83	687.41	1,554.40	1,525.10	29.30	53.052		
5,300.00	5,194.00	5,066.54	4,886.77	15.67	16.57	-133.43	828.67	707.87	1,588.35	1,558.42	29.93	53.062		
5,400.00	5,291.74	5,160.41	4,976.63	16.01	16.93	-133.22	846.52	728.33	1,622.33	1,591.76	30.57	53.065		
5,500.00	5,389.48	5,254.29	5,066.49	16.35	17.29	-133.01	864.37	748.78	1,656.32	1,625.11	31.22	53.062		
5,600.00	5,487.22	5,348.16	5,156.36	16.69	17.65	-132.80	882.21	769.24	1,690.34	1,658.48	31.86	53.053		
5,700.00	5,584.96	5,442.04	5,246.22	17.03	18.01	-132.61	900.06	789.70	1,724.37	1,691.86	32.51	53.039		
5,800.00	5,682.71	5,535.91	5,336.08	17.37	18.38	-132.42	917.91	810.16	1,758.42	1,725.25	33.16	53.021		
5,900.00	5,780.45	5,629.78	5,425.95	17.72	18.74	-132.25	935.75	830.62	1,792.48	1,758.66	33.82	52.999		
6,000.00	5,878.19	5,723.66	5,515.81	18.06	19.11	-132.07	953.60	851.07	1,826.56	1,792.08	34.48	52.973		
6,100.00	5,975.93	5,817.53	5,605.67	18.41	19.48	-131.91	971.45	871.53	1,860.65	1,825.51	35.14	52.945		
6,200.00	6,073.67	5,911.41	5,695.53	18.76	19.85	-131.75	989.29	891.99	1,894.76	1,858.95	35.81	52.914		
6,300.00	6,171.41	6,005.28	5,785.40	19.11	20.22	-131.59	1,007.14	912.45	1,928.88	1,892.40	36.48	52.880		
6,400.00	6,269.16	6,100.85	5,875.26	19.46	20.60	-131.44	1,024.98	932.91	1,963.01	1,925.86	37.15	52.836		
6,500.00	6,366.90	6,206.97	5,965.12	19.81	21.03	-131.30	1,042.83	953.36	1,997.15	1,959.28	37.87	52.734		
6,600.00	6,464.63	6,286.91	6,054.99	20.17	21.34	-128.08	1,060.68	973.82	2,031.30	1,992.80	38.49	52.770		
6,700.00	6,562.49	6,381.03	6,145.10	20.55	21.72	-107.53	1,078.57	994.34	2,064.43	2,025.23	39.20	52.661		
6,800.00	6,651.48	6,473.89	6,233.99	21.01	22.09	-97.59	1,096.23	1,014.57	2,095.39	2,055.40	39.98	52.405		
6,900.00	6,735.38	6,563.20	6,319.47	21.54	22.45	-91.87	1,113.20	1,034.04	2,123.83	2,083.00	40.83	52.018		
7,000.00	6,810.10	6,646.75	6,399.46	22.15	22.79	-88.30	1,129.09	1,052.24	2,149.75	2,108.02	41.73	51.516		
7,100.00	6,873.81	6,722.49	6,471.96	22.82	23.10	-85.97	1,143.49	1,068.75	2,173.38	2,130.70	42.68	50.924		
7,200.00	6,924.94	6,788.56	6,545.21	23.57	23.36	-84.37	1,156.05	1,083.15	2,195.11	2,151.45	43.66	50.273		
7,300.00	6,962.24	6,843.32	6,587.63	24.38	23.59	-83.17	1,166.46	1,095.08	2,215.42	2,170.75	44.67	49.597		
7,400.00	6,984.78	6,885.44	6,627.95	25.26	23.76	-82.14	1,174.47	1,104.26	2,234.72	2,189.05	45.66	48.939		
7,500.07	6,992.00	6,913.88	6,655.18	26.19	23.87	-81.12	1,179.87	1,110.46	2,253.30	2,206.69	46.61	48.339		
7,600.00	6,991.48	6,935.18	6,675.56	27.18	23.96	-81.66	1,183.92	1,115.10	2,273.57	2,226.02	47.55	47.818		
7,700.00	6,990.95	6,956.49	6,695.96	28.24	24.04	-82.19	1,187.97	1,119.75	2,297.83	2,249.34	48.49	47.390		
7,800.00	6,990.42	7,948.38	7,253.10	29.37	32.01	-96.42	1,300.85	1,816.38	2,323.44	2,264.57	58.87	39.467		
7,900.00	6,989.89	8,048.38	7,253.26	30.54	33.15	-96.43	1,301.28	1,916.38	2,323.81	2,262.52	61.29	37.917		
8,000.00	6,989.36	8,148.38	7,253.43	31.77	34.33	-96.45	1,301.70	2,016.37	2,324.17	2,260.39	63.79	36.437		
8,100.00	6,988.83	8,248.38	7,253.60	33.04	35.56	-96.46	1,302.12	2,116.37	2,324.54	2,258.18	66.36	35.031		
8,200.00	6,988.30	8,348.37	7,253.76	34.34	36.81	-96.48	1,302.55	2,216.37	2,324.90	2,255.91	68.99	33.698		
8,300.00	6,987.77	8,448.37	7,253.93	35.68	38.10	-96.50	1,302.97	2,316.36	2,325.26	2,253.58	71.69	32.437		
8,400.00	6,987.24	8,548.37	7,254.09	37.05	39.42	-96.51	1,303.40	2,416.36	2,325.63	2,251.20	74.43	31.246		
8,500.00	6,986.71	8,648.36	7,254.26	38.44	40.76	-96.53	1,303.82	2,516.36	2,325.99	2,248.77	77.22	30.122		
8,600.00	6,986.18	8,748.36	7,254.42	39.85	42.12	-96.55	1,304.25	2,616.35	2,326.36	2,246.31	80.05	29.061		
8,700.00	6,985.65	8,848.36	7,254.59	41.29	43.51	-96.56	1,304.67	2,716.35	2,326.72	2,243.81	82.92	28.061		
8,800.00	6,985.12	8,948.36	7,254.75	42.74	44.91	-96.58	1,305.09	2,816.34	2,327.09	2,241.27	85.82	27.116		
8,900.00	6,984.59	9,048.35	7,254.92	44.21	46.34	-96.59	1,305.52	2,916.34	2,327.45	2,238.71	88.75	26.225		
9,000.00	6,984.06	9,148.35	7,255.08	45.69	47.78	-96.61	1,305.94	3,016.34	2,327.82	2,236.11	91.71	25.384		
9,100.00	6,983.53	9,248.35	7,255.25	47.19	49.23	-96.63	1,306.37	3,116.33	2,328.19	2,233.50	94.69	24.588		
9,200.00	6,983.00	9,348.34	7,255.41	48.70	50.69	-96.64	1,306.79	3,216.33	2,328.55	2,230.86	97.69	23.836		
9,300.00	6,982.47	9,448.34	7,255.58	50.22	52.17	-96.66	1,307.22	3,316.32	2,328.92	2,228.21	100.71	23.124		
9,400.00	6,981.94	9,548.34	7,255.74	51.74	53.66	-96.68	1,307.64	3,416.32	2,329.28	2,225.53	103.75	22.450		
9,500.00	6,981.41	9,648.34	7,255.91	53.28	55.16	-96.69	1,308.07	3,516.32	2,329.65	2,222.84	106.81	21.811		
9,600.00	6,980.88	9,748.33	7,256.07	54.83	56.67	-96.71	1,308.49	3,616.31	2,330.02	2,220.13	109.89	21.204		
9,700.00	6,980.35	9,848.33	7,256.24	56.38	58.19	-96.72	1,308.91	3,716.31	2,330.39	2,217.41	112.97	20.628		
9,800.00	6,979.82	9,948.33	7,256.40	57.94	59.72	-96.74	1,309.34	3,816.31	2,330.75	2,214.68	116.07	20.080		
9,900.00	6,979.29	10,048.32	7,256.57	59.51	61.25	-96.76	1,309.76	3,916.30	2,331.12	2,211.93	119.19	19.559		
10,000.00	6,978.76	10,148.32	7,256.73	61.08	62.79	-96.77	1,310.19	4,016.30	2,331.49	2,209.18	122.31	19.062		
10,100.00	6,978.23	10,248.32	7,256.90	62.65	64.34	-96.79	1,310.61	4,116.29	2,331.86	2,206.41	125.44	18.589		
10,200.00	6,977.70	10,348.32	7,257.06	64.24	65.89	-96.80	1,311.04	4,216.29	2,332.22	2,203.64	128.58	18.138		
10,300.00	6,977.17	10,448.31	7,257.23	65.82	67.45	-96.82	1,311.46	4,316.29	2,332.59	2,200.86	131.73	17.707		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
10,400.00	6,976.64	10,548.31	7,257.39	67.41	69.02	-96.84	1,311.88	4,416.28	2,332.96	2,198.07	134.89	17.295	
10,500.00	6,976.11	10,648.31	7,257.56	69.01	70.59	-96.85	1,312.31	4,516.28	2,333.33	2,195.27	138.06	16.901	
10,600.00	6,975.58	10,748.31	7,257.72	70.61	72.16	-96.87	1,312.73	4,616.27	2,333.70	2,192.46	141.23	16.524	
10,700.00	6,975.05	10,848.30	7,257.89	72.21	73.74	-96.89	1,313.16	4,716.27	2,334.07	2,189.65	144.41	16.162	
10,800.00	6,974.52	10,948.30	7,258.05	73.81	75.32	-96.90	1,313.58	4,816.27	2,334.43	2,186.84	147.60	15.816	
10,900.00	6,973.99	11,048.30	7,258.22	75.42	76.91	-96.92	1,314.01	4,916.26	2,334.80	2,184.01	150.79	15.484	
11,000.00	6,973.46	11,148.29	7,258.38	77.03	78.50	-96.93	1,314.43	5,016.26	2,335.17	2,181.19	153.99	15.165	
11,100.00	6,972.93	11,248.29	7,258.55	78.65	80.09	-96.95	1,314.86	5,116.26	2,335.54	2,178.35	157.19	14.858	
11,200.00	6,972.40	11,348.29	7,258.71	80.26	81.69	-96.97	1,315.28	5,216.25	2,335.91	2,175.52	160.40	14.563	
11,300.00	6,971.87	11,448.29	7,258.88	81.88	83.28	-96.98	1,315.70	5,316.25	2,336.28	2,172.68	163.61	14.280	
11,400.00	6,971.34	11,548.28	7,259.04	83.50	84.89	-97.00	1,316.13	5,416.24	2,336.65	2,169.83	166.82	14.007	
11,500.00	6,970.81	11,648.28	7,259.21	85.12	86.49	-97.01	1,316.55	5,516.24	2,337.02	2,166.98	170.04	13.744	
11,600.00	6,970.28	11,748.28	7,259.37	86.75	88.10	-97.03	1,316.98	5,616.24	2,337.39	2,164.13	173.26	13.490	
11,700.00	6,969.75	11,848.27	7,259.54	88.37	89.71	-97.05	1,317.40	5,716.23	2,337.76	2,161.28	176.49	13.246	
11,800.00	6,969.22	11,948.27	7,259.70	90.00	91.32	-97.06	1,317.83	5,816.23	2,338.13	2,158.42	179.72	13.010	
11,900.00	6,968.69	12,048.27	7,259.87	91.63	92.93	-97.08	1,318.25	5,916.22	2,338.51	2,155.56	182.95	12.782	
12,000.00	6,968.16	12,148.27	7,260.03	93.26	94.55	-97.09	1,318.67	6,016.22	2,338.88	2,152.69	186.18	12.562	
12,100.00	6,967.63	12,248.26	7,260.20	94.89	96.17	-97.11	1,319.10	6,116.22	2,339.25	2,149.83	189.42	12.349	
12,200.00	6,967.10	12,348.26	7,260.36	96.53	97.79	-97.13	1,319.52	6,216.21	2,339.62	2,146.96	192.66	12.144	
12,300.00	6,966.57	12,448.26	7,260.53	98.16	99.41	-97.14	1,319.95	6,316.21	2,339.99	2,144.09	195.90	11.945	
12,400.00	6,966.04	12,548.25	7,260.69	99.80	101.03	-97.16	1,320.37	6,416.20	2,340.36	2,141.21	199.15	11.752	
12,500.00	6,965.51	12,648.25	7,260.86	101.44	102.65	-97.17	1,320.80	6,516.20	2,340.74	2,138.34	202.40	11.565	
12,600.00	6,964.98	12,748.25	7,261.02	103.08	104.28	-97.19	1,321.22	6,616.20	2,341.11	2,135.46	205.65	11.384	
12,700.00	6,964.45	12,848.25	7,261.19	104.72	105.91	-97.21	1,321.65	6,716.19	2,341.48	2,132.58	208.90	11.209	
12,800.00	6,963.92	12,948.24	7,261.35	106.36	107.54	-97.22	1,322.07	6,816.19	2,341.85	2,129.70	212.15	11.039	
12,900.00	6,963.39	13,048.24	7,261.52	108.00	109.17	-97.24	1,322.49	6,916.19	2,342.23	2,126.82	215.40	10.874	
13,000.00	6,962.86	13,148.24	7,261.68	109.64	110.80	-97.25	1,322.92	7,016.18	2,342.60	2,123.94	218.66	10.713	
13,100.00	6,962.33	13,248.23	7,261.85	111.28	112.43	-97.27	1,323.34	7,116.18	2,342.97	2,121.05	221.92	10.558	
13,200.00	6,961.80	13,348.23	7,262.01	112.93	114.06	-97.29	1,323.77	7,216.17	2,343.35	2,118.17	225.18	10.407	
13,300.00	6,961.27	13,448.23	7,262.18	114.57	115.70	-97.30	1,324.19	7,316.17	2,343.72	2,115.28	228.44	10.260	
13,400.00	6,960.74	13,548.23	7,262.34	116.22	117.33	-97.32	1,324.62	7,416.17	2,344.09	2,112.39	231.70	10.117	
13,500.00	6,960.21	13,648.22	7,262.51	117.87	118.97	-97.33	1,325.04	7,516.16	2,344.47	2,109.50	234.96	9.978	
13,600.00	6,959.68	13,748.22	7,262.67	119.51	120.61	-97.35	1,325.46	7,616.16	2,344.84	2,106.61	238.23	9.843	
13,700.00	6,959.15	13,848.22	7,262.84	121.16	122.25	-97.37	1,325.89	7,716.15	2,345.22	2,103.72	241.49	9.711	
13,800.00	6,958.62	13,948.21	7,263.00	122.81	123.89	-97.38	1,326.31	7,816.15	2,345.59	2,100.83	244.76	9.583	
13,900.00	6,958.09	14,048.21	7,263.17	124.46	125.53	-97.40	1,326.74	7,916.15	2,345.97	2,097.94	248.03	9.458	
14,000.00	6,957.56	14,148.21	7,263.33	126.11	127.17	-97.41	1,327.16	8,016.14	2,346.34	2,095.04	251.30	9.337	
14,100.00	6,957.03	14,248.21	7,263.50	127.76	128.81	-97.43	1,327.59	8,116.14	2,346.71	2,092.15	254.57	9.218	
14,200.00	6,956.50	14,348.20	7,263.66	129.41	130.45	-97.45	1,328.01	8,216.14	2,347.09	2,089.25	257.84	9.103	
14,300.00	6,955.97	14,448.20	7,263.83	131.07	132.10	-97.46	1,328.44	8,316.13	2,347.47	2,086.35	261.11	8.990	
14,400.00	6,955.44	14,548.20	7,263.99	132.72	133.74	-97.48	1,328.86	8,416.13	2,347.84	2,083.46	264.38	8.880	
14,500.00	6,954.91	14,648.19	7,264.16	134.37	135.39	-97.49	1,329.28	8,516.12	2,348.22	2,080.56	267.66	8.773	
14,600.00	6,954.38	14,748.19	7,264.32	136.02	137.03	-97.51	1,329.71	8,616.12	2,348.59	2,077.66	270.93	8.669	
14,700.00	6,953.85	14,848.19	7,264.49	137.68	138.68	-97.52	1,330.13	8,716.12	2,348.97	2,074.76	274.21	8.566	
14,800.00	6,953.32	14,948.19	7,264.65	139.33	140.33	-97.54	1,330.56	8,816.11	2,349.35	2,071.86	277.48	8.467	
14,900.00	6,952.79	15,048.18	7,264.82	140.99	141.97	-97.56	1,330.98	8,916.11	2,349.72	2,068.96	280.76	8.369	
15,000.00	6,952.26	15,148.18	7,264.98	142.64	143.62	-97.57	1,331.41	9,016.10	2,350.10	2,066.06	284.04	8.274	
15,100.00	6,951.73	15,248.18	7,265.15	144.30	145.27	-97.59	1,331.83	9,116.10	2,350.48	2,063.16	287.31	8.181	
15,200.00	6,951.20	15,348.17	7,265.31	145.95	146.92	-97.60	1,332.25	9,216.10	2,350.85	2,060.26	290.59	8.090	
15,300.00	6,950.67	15,448.17	7,265.48	147.61	148.57	-97.62	1,332.68	9,316.09	2,351.23	2,057.36	293.87	8.001	
15,400.00	6,950.14	15,548.17	7,265.64	149.27	150.22	-97.64	1,333.10	9,416.09	2,351.61	2,054.46	297.15	7.914	
15,500.00	6,949.61	15,648.17	7,265.81	150.92	151.87	-97.65	1,333.53	9,516.09	2,351.98	2,051.55	300.43	7.829	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,600.00	6,949.08	15,748.16	7,265.98	152.58	153.52	-97.67	1,333.95	9,616.08	2,352.36	2,048.65	303.71	7.745		
15,700.00	6,948.55	15,848.16	7,266.14	154.24	155.17	-97.68	1,334.38	9,716.08	2,352.74	2,045.75	306.99	7.664		
15,800.00	6,948.02	15,948.16	7,266.31	155.90	156.83	-97.70	1,334.80	9,816.07	2,353.12	2,042.85	310.27	7.584		
15,900.00	6,947.49	16,048.16	7,266.47	157.56	158.48	-97.71	1,335.23	9,916.07	2,353.50	2,039.94	313.55	7.506		
16,000.00	6,946.96	16,148.15	7,266.64	159.22	160.13	-97.73	1,335.65	10,016.07	2,353.88	2,037.04	316.84	7.429		
16,100.00	6,946.43	16,248.15	7,266.80	160.87	161.78	-97.75	1,336.07	10,116.06	2,354.25	2,034.13	320.12	7.354		
16,200.00	6,945.90	16,348.15	7,266.97	162.53	163.44	-97.76	1,336.50	10,216.06	2,354.63	2,031.23	323.40	7.281		
16,300.00	6,945.37	16,448.14	7,267.13	164.19	165.09	-97.78	1,336.92	10,316.05	2,355.01	2,028.33	326.69	7.209		
16,400.00	6,944.84	16,548.14	7,267.30	165.85	166.75	-97.79	1,337.35	10,416.05	2,355.39	2,025.42	329.97	7.138		
16,500.00	6,944.31	16,648.14	7,267.46	167.51	168.40	-97.81	1,337.77	10,516.05	2,355.77	2,022.52	333.25	7.069		
16,600.00	6,943.78	16,748.14	7,267.63	169.17	170.06	-97.83	1,338.20	10,616.04	2,356.15	2,019.61	336.54	7.001		
16,700.00	6,943.25	16,848.13	7,267.79	170.83	171.71	-97.84	1,338.62	10,716.04	2,356.53	2,016.71	339.82	6.935		
16,800.00	6,942.72	16,948.13	7,267.96	172.49	173.37	-97.86	1,339.04	10,816.03	2,356.91	2,013.80	343.11	6.869		
16,900.00	6,942.19	17,048.13	7,268.12	174.16	175.02	-97.87	1,339.47	10,916.03	2,357.29	2,010.90	346.39	6.805		
17,000.00	6,941.66	17,148.12	7,268.29	175.82	176.68	-97.89	1,339.89	11,016.03	2,357.67	2,007.99	349.68	6.742		
17,100.00	6,941.13	17,248.12	7,268.45	177.48	178.34	-97.90	1,340.32	11,116.02	2,358.05	2,005.09	352.96	6.681		
17,200.00	6,940.60	17,348.12	7,268.62	179.14	179.99	-97.92	1,340.74	11,216.02	2,358.43	2,002.18	356.25	6.620		
17,300.00	6,940.07	17,448.12	7,268.78	180.80	181.65	-97.94	1,341.17	11,316.02	2,358.81	1,999.28	359.53	6.561		
17,400.00	6,939.54	17,548.11	7,268.95	182.46	183.31	-97.95	1,341.59	11,416.01	2,359.19	1,996.37	362.82	6.502		
17,500.00	6,939.01	17,648.11	7,269.11	184.13	184.96	-97.97	1,342.02	11,516.01	2,359.57	1,993.47	366.10	6.445		
17,600.00	6,938.48	17,748.11	7,269.28	185.79	186.62	-97.98	1,342.44	11,616.00	2,359.96	1,990.57	369.39	6.389		
17,601.54	6,938.47	17,749.65	7,269.28	185.81	186.65	-97.98	1,342.45	11,617.55	2,359.96	1,990.52	369.44	6.388 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.52	2.19	-259.76	259.77				
100.00	100.00	103.00	103.00	3.28	3.28	-89.52	2.19	-259.76	259.77	252.24	7.53	34.501	
200.00	200.00	203.22	203.22	3.31	3.31	-89.52	2.19	-259.75	259.76	252.19	7.57	34.292	
300.00	299.98	310.38	310.35	3.35	3.36	135.09	3.59	-258.16	259.52	251.86	7.66	33.873	
400.00	399.84	417.12	416.91	3.41	3.43	136.88	7.63	-253.59	259.13	251.34	7.79	33.277	
466.28	465.89	487.43	486.95	3.46	3.50	138.70	11.72	-248.96	259.00	251.11	7.90	32.800 CC	
500.00	499.45	523.04	522.35	3.49	3.54	139.81	14.23	-246.12	259.05	251.09	7.96	32.546 ES	
600.00	598.70	627.75	626.16	3.61	3.67	143.82	23.29	-235.86	260.04	251.85	8.19	31.765	
700.00	697.47	730.89	727.86	3.76	3.84	148.76	34.66	-222.99	263.10	254.63	8.47	31.048	
800.00	795.62	832.13	827.02	3.96	4.04	154.41	48.17	-207.69	269.41	260.58	8.83	30.498	
900.00	893.37	931.46	923.54	4.21	4.29	160.51	63.67	-190.14	278.82	269.55	9.26	30.095	
1,000.00	991.11	1,029.09	1,017.57	4.48	4.59	166.68	81.05	-170.46	290.22	280.46	9.76	29.733	
1,100.00	1,088.85	1,124.13	1,108.26	4.78	4.93	172.74	99.85	-149.18	304.25	293.94	10.32	29.487	
1,200.00	1,186.59	1,217.51	1,197.21	5.10	5.29	178.27	118.67	-127.86	321.53	310.61	10.92	29.453	
1,300.00	1,284.33	1,310.90	1,286.16	5.44	5.68	-176.76	137.50	-106.54	341.69	330.15	11.54	29.601	
1,400.00	1,382.08	1,404.29	1,375.11	5.80	6.09	-172.32	156.32	-85.23	364.25	352.06	12.19	29.874	
1,500.00	1,479.82	1,502.33	1,464.06	6.16	6.54	-168.39	175.15	-63.91	388.80	375.92	12.88	30.179	
1,600.00	1,577.56	1,608.94	1,553.01	6.54	7.04	-164.90	193.97	-42.60	414.98	401.35	13.63	30.445	
1,700.00	1,675.30	1,684.44	1,641.96	6.92	7.40	-161.82	212.80	-21.28	442.51	428.26	14.25	31.064	
1,800.00	1,773.04	1,777.83	1,730.91	7.31	7.86	-159.08	231.62	0.04	471.14	456.19	14.96	31.503	
1,900.00	1,870.78	1,871.21	1,819.86	7.53	8.16	-156.65	250.45	21.35	500.69	485.67	15.03	33.323	
2,000.00	1,968.53	1,964.60	1,908.81	7.58	8.29	-154.48	269.27	42.67	531.01	515.84	15.17	35.013	
2,100.00	2,066.27	2,057.98	1,997.76	7.65	8.38	-152.54	288.10	63.98	561.97	546.69	15.28	36.781	
2,200.00	2,164.01	2,151.37	2,086.71	7.74	8.48	-150.80	306.92	85.30	593.47	578.04	15.43	38.470	
2,300.00	2,261.75	2,244.75	2,175.66	7.84	8.61	-149.23	325.75	106.62	625.42	609.82	15.61	40.068	
2,400.00	2,359.49	2,338.14	2,264.61	7.96	8.75	-147.81	344.58	127.93	657.77	641.95	15.82	41.568	
2,500.00	2,457.23	2,431.53	2,353.56	8.10	8.91	-146.52	363.40	149.25	690.46	674.39	16.07	42.965	
2,600.00	2,554.98	2,524.91	2,442.51	8.26	9.08	-145.34	382.23	170.57	723.44	707.09	16.35	44.256	
2,700.00	2,652.72	2,618.30	2,531.46	8.42	9.27	-144.27	401.05	191.88	756.67	740.02	16.65	45.441	
2,800.00	2,750.46	2,711.68	2,620.41	8.61	9.47	-143.28	419.88	213.20	790.12	773.14	16.98	46.523	
2,900.00	2,848.20	2,805.07	2,709.36	8.80	9.69	-142.37	438.70	234.51	823.77	806.43	17.34	47.506	
3,000.00	2,945.94	2,901.55	2,798.31	9.01	9.93	-141.54	457.53	255.83	857.59	839.86	17.73	48.373	
3,100.00	3,043.68	3,008.16	2,887.26	9.22	10.21	-140.76	476.35	277.15	891.56	873.39	18.17	49.078	
3,200.00	3,141.43	3,085.22	2,976.21	9.45	10.42	-140.04	495.18	298.46	925.66	907.11	18.55	49.903	
3,300.00	3,239.17	3,178.61	3,065.16	9.69	10.68	-139.38	514.00	319.78	959.89	940.90	18.99	50.540	
3,400.00	3,336.91	3,271.99	3,154.11	9.93	10.95	-138.76	532.83	341.09	994.23	974.77	19.45	51.106	
3,500.00	3,434.65	3,365.38	3,243.06	10.19	11.23	-138.18	551.65	362.41	1,028.66	1,008.73	19.93	51.608	
3,600.00	3,532.39	3,458.77	3,332.01	10.45	11.52	-137.63	570.48	383.73	1,063.18	1,042.75	20.43	52.052	
3,700.00	3,630.13	3,552.15	3,420.96	10.72	11.82	-137.12	589.30	405.04	1,097.78	1,076.85	20.93	52.442	
3,800.00	3,727.87	3,645.54	3,509.91	11.00	12.12	-136.64	608.13	426.36	1,132.45	1,111.00	21.45	52.785	
3,900.00	3,825.62	3,738.92	3,598.86	11.28	12.43	-136.19	626.96	447.67	1,167.19	1,145.20	21.99	53.085	
4,000.00	3,923.36	3,832.31	3,687.81	11.57	12.74	-135.77	645.78	468.99	1,201.99	1,179.46	22.53	53.346	
4,100.00	4,021.10	3,925.69	3,776.76	11.86	13.07	-135.37	664.61	490.31	1,236.84	1,213.75	23.09	53.572	
4,200.00	4,118.84	4,019.08	3,865.71	12.16	13.39	-134.99	683.43	511.62	1,271.75	1,248.09	23.65	53.768	
4,300.00	4,216.58	4,112.46	3,954.66	12.46	13.72	-134.63	702.26	532.94	1,306.70	1,282.47	24.23	53.936	
4,400.00	4,314.32	4,205.85	4,043.61	12.77	14.06	-134.29	721.08	554.25	1,341.69	1,316.88	24.81	54.079	
4,500.00	4,412.07	4,300.77	4,132.56	13.08	14.40	-133.97	739.91	575.57	1,376.72	1,351.32	25.41	54.188	
4,600.00	4,509.81	4,407.38	4,221.51	13.39	14.79	-133.66	758.73	596.89	1,411.79	1,385.74	26.05	54.192	
4,700.00	4,607.55	4,486.01	4,310.46	13.71	15.09	-133.37	777.56	618.20	1,446.90	1,420.29	26.61	54.384	
4,800.00	4,705.29	4,579.39	4,399.41	14.03	15.44	-133.09	796.38	639.52	1,482.03	1,454.82	27.22	54.452	
4,900.00	4,803.03	4,672.78	4,488.36	14.35	15.79	-132.82	815.21	660.83	1,517.20	1,489.36	27.84	54.506	
5,000.00	4,900.77	4,766.16	4,577.31	14.68	16.15	-132.57	834.03	682.15	1,552.39	1,523.93	28.46	54.548	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,859.55	4,666.26	15.01	16.50	-132.33	852.86	703.47	1,587.61	1,558.52	29.09	54.580		
5,200.00	5,096.26	4,952.93	4,755.21	15.34	16.87	-132.10	871.68	724.78	1,622.85	1,593.13	29.72	54.601		
5,300.00	5,194.00	5,046.32	4,844.16	15.67	17.23	-131.87	890.51	746.10	1,658.12	1,627.76	30.36	54.614		
5,400.00	5,291.74	5,139.70	4,933.11	16.01	17.60	-131.66	909.34	767.42	1,693.40	1,662.40	31.00	54.619		
5,500.00	5,389.48	5,233.09	5,022.06	16.35	17.96	-131.46	928.16	788.73	1,728.71	1,697.06	31.65	54.618		
5,600.00	5,487.22	5,326.48	5,111.01	16.69	18.33	-131.26	946.99	810.05	1,764.03	1,731.73	32.30	54.610		
5,700.00	5,584.96	5,419.86	5,199.95	17.03	18.71	-131.07	965.81	831.36	1,799.37	1,766.42	32.96	54.598		
5,800.00	5,682.71	5,513.25	5,288.90	17.37	19.08	-130.89	984.64	852.68	1,834.73	1,801.12	33.62	54.580		
5,900.00	5,780.45	5,606.63	5,377.85	17.72	19.45	-130.72	1,003.46	874.00	1,870.10	1,835.83	34.28	54.559		
6,000.00	5,878.19	5,700.02	5,466.80	18.06	19.83	-130.55	1,022.29	895.31	1,905.49	1,870.55	34.94	54.533		
6,100.00	5,975.93	5,806.60	5,555.75	18.41	20.26	-130.39	1,041.11	916.63	1,940.89	1,905.23	35.66	54.427		
6,200.00	6,073.67	5,886.79	5,644.70	18.76	20.59	-130.23	1,059.94	937.94	1,976.31	1,940.03	36.28	54.473		
6,300.00	6,171.41	5,980.17	5,733.65	19.11	20.97	-130.08	1,078.76	959.26	2,011.74	1,974.78	36.95	54.439		
6,400.00	6,269.16	6,073.56	5,822.60	19.46	21.35	-129.93	1,097.59	980.58	2,047.17	2,009.54	37.63	54.403		
6,500.00	6,366.90	6,166.94	5,911.55	19.81	21.74	-129.79	1,116.41	1,001.89	2,082.62	2,044.32	38.31	54.365		
6,600.00	6,464.63	6,260.34	6,000.51	20.17	22.12	-129.65	1,135.24	1,023.21	2,118.08	2,079.09	38.99	54.326		
6,700.00	6,560.49	6,354.08	6,089.80	20.55	22.51	-129.51	1,154.14	1,044.61	2,152.29	2,112.58	39.71	54.207		
6,800.00	6,651.48	6,446.74	6,178.06	21.01	22.89	-129.38	1,172.82	1,065.76	2,183.91	2,143.41	40.50	53.924		
6,900.00	6,735.38	6,536.04	6,263.12	21.54	23.26	-129.26	1,190.82	1,086.14	2,212.57	2,171.21	41.36	53.493		
7,000.00	6,810.10	6,619.78	6,342.88	22.15	23.61	-129.15	1,207.70	1,105.26	2,238.21	2,195.93	42.28	52.932		
7,100.00	6,873.81	6,704.11	6,415.38	22.82	23.96	-129.04	1,223.04	1,122.63	2,261.05	2,217.76	43.29	52.226		
7,200.00	6,924.94	6,762.51	6,478.83	23.57	24.20	-128.75	1,236.47	1,137.83	2,281.47	2,237.19	44.28	51.524		
7,300.00	6,962.24	6,834.10	6,546.30	24.38	24.52	-128.01	1,250.77	1,156.91	2,299.76	2,254.31	45.44	50.607		
7,400.00	6,984.78	6,919.19	6,623.18	25.26	24.96	-128.04	1,267.11	1,189.34	2,315.72	2,268.87	46.86	49.423		
7,500.07	6,992.00	7,025.50	6,712.16	26.19	25.63	-128.94	1,286.11	1,244.09	2,329.11	2,280.50	48.61	47.912		
7,600.00	6,991.48	7,189.16	6,828.49	27.18	26.88	-128.57	1,311.16	1,355.78	2,341.09	2,289.96	51.14	45.780		
7,700.00	6,990.95	7,700.00	6,942.20	28.24	32.02	-128.72	1,336.19	1,572.86	2,349.95	2,292.16	57.78	40.667		
7,800.00	6,990.42	7,682.97	6,969.87	29.37	31.91	-129.43	1,343.25	1,815.77	2,351.41	2,292.44	58.96	39.879		
7,900.00	6,989.89	7,782.97	6,969.62	30.54	33.06	-129.43	1,343.71	1,915.77	2,351.72	2,290.31	61.41	38.294		
8,000.00	6,989.36	7,882.97	6,969.38	31.77	34.24	-129.44	1,344.17	2,015.77	2,352.04	2,288.10	63.94	36.783		
8,100.00	6,988.83	7,982.97	6,969.14	33.04	35.47	-129.45	1,344.63	2,115.77	2,352.36	2,285.82	66.55	35.349		
8,200.00	6,988.30	8,082.97	6,968.90	34.34	36.73	-129.45	1,345.08	2,215.77	2,352.68	2,283.47	69.21	33.991		
8,300.00	6,987.77	8,182.97	6,968.65	35.68	38.02	-129.46	1,345.54	2,315.76	2,353.00	2,281.06	71.94	32.709		
8,400.00	6,987.24	8,282.97	6,968.41	37.05	39.34	-129.47	1,346.00	2,415.76	2,353.32	2,278.61	74.71	31.498		
8,500.00	6,986.71	8,382.97	6,968.17	38.44	40.68	-129.47	1,346.46	2,515.76	2,353.64	2,276.11	77.53	30.357		
8,600.00	6,986.18	8,482.97	6,967.92	39.85	42.05	-129.48	1,346.92	2,615.76	2,353.96	2,273.56	80.39	29.280		
8,700.00	6,985.65	8,582.96	6,967.68	41.29	43.44	-129.49	1,347.38	2,715.75	2,354.28	2,270.99	83.29	28.266		
8,800.00	6,985.12	8,682.96	6,967.44	42.74	44.84	-129.50	1,347.83	2,815.75	2,354.60	2,268.38	86.22	27.309		
8,900.00	6,984.59	8,782.96	6,967.20	44.21	46.27	-129.50	1,348.29	2,915.75	2,354.91	2,265.74	89.18	26.407		
9,000.00	6,984.06	8,882.96	6,966.95	45.69	47.71	-129.51	1,348.75	3,015.75	2,355.23	2,263.07	92.16	25.555		
9,100.00	6,983.53	8,982.96	6,966.71	47.19	49.17	-129.52	1,349.21	3,115.74	2,355.55	2,260.38	95.17	24.750		
9,200.00	6,983.00	9,082.96	6,966.47	48.70	50.63	-129.52	1,349.67	3,215.74	2,355.87	2,257.67	98.20	23.989		
9,300.00	6,982.47	9,182.96	6,966.23	50.22	52.12	-129.53	1,350.13	3,315.74	2,356.19	2,254.94	101.26	23.270		
9,400.00	6,981.94	9,282.96	6,965.98	51.74	53.61	-129.54	1,350.58	3,415.74	2,356.51	2,252.19	104.33	22.588		
9,500.00	6,981.41	9,382.96	6,965.74	53.28	55.11	-129.55	1,351.04	3,515.74	2,356.83	2,249.42	107.41	21.942		
9,600.00	6,980.88	9,482.96	6,965.50	54.83	56.62	-129.55	1,351.50	3,615.73	2,357.15	2,246.64	110.51	21.329		
9,700.00	6,980.35	9,582.96	6,965.25	56.38	58.14	-129.56	1,351.96	3,715.73	2,357.47	2,243.84	113.63	20.748		
9,800.00	6,979.82	9,682.95	6,965.01	57.94	59.67	-129.57	1,352.42	3,815.73	2,357.79	2,241.04	116.75	20.195		
9,900.00	6,979.29	9,782.95	6,964.77	59.51	61.21	-129.57	1,352.88	3,915.73	2,358.11	2,238.22	119.89	19.668		
10,000.00	6,978.76	9,882.95	6,964.53	61.08	62.75	-129.58	1,353.33	4,015.72	2,358.43	2,235.39	123.04	19.168		
10,100.00	6,978.23	9,982.95	6,964.28	62.65	64.30	-129.59	1,353.79	4,115.72	2,358.75	2,232.54	126.20	18.690		
10,200.00	6,977.70	10,082.95	6,964.04	64.24	65.85	-129.59	1,354.25	4,215.72	2,359.07	2,229.69	129.37	18.235		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,182.95	6,963.80	65.82	67.41	-89.60	1,354.71	4,315.72	2,359.39	2,226.84	132.55	17.800		
10,400.00	6,976.64	10,282.95	6,963.55	67.41	68.98	-89.61	1,355.17	4,415.72	2,359.71	2,223.97	135.74	17.384		
10,500.00	6,976.11	10,382.95	6,963.31	69.01	70.55	-89.62	1,355.63	4,515.71	2,360.03	2,221.10	138.93	16.987		
10,600.00	6,975.58	10,482.95	6,963.07	70.61	72.13	-89.62	1,356.08	4,615.71	2,360.35	2,218.22	142.13	16.607		
10,700.00	6,975.05	10,582.95	6,962.83	72.21	73.70	-89.63	1,356.54	4,715.71	2,360.67	2,215.33	145.34	16.243		
10,800.00	6,974.52	10,682.95	6,962.58	73.81	75.29	-89.64	1,357.00	4,815.71	2,360.99	2,212.43	148.55	15.893		
10,900.00	6,973.99	10,782.94	6,962.34	75.42	76.88	-89.64	1,357.46	4,915.70	2,361.31	2,209.54	151.77	15.558		
11,000.00	6,973.46	10,882.94	6,962.10	77.03	78.47	-89.65	1,357.92	5,015.70	2,361.63	2,206.63	154.99	15.237		
11,100.00	6,972.93	10,982.94	6,961.86	78.65	80.06	-89.66	1,358.38	5,115.70	2,361.95	2,203.72	158.22	14.928		
11,200.00	6,972.40	11,082.94	6,961.61	80.26	81.66	-89.66	1,358.84	5,215.70	2,362.27	2,200.81	161.46	14.631		
11,300.00	6,971.87	11,182.94	6,961.37	81.88	83.26	-89.67	1,359.29	5,315.69	2,362.59	2,197.89	164.70	14.345		
11,400.00	6,971.34	11,282.94	6,961.13	83.50	84.86	-89.68	1,359.75	5,415.69	2,362.91	2,194.97	167.94	14.070		
11,500.00	6,970.81	11,382.94	6,960.88	85.12	86.47	-89.69	1,360.21	5,515.69	2,363.23	2,192.04	171.18	13.805		
11,600.00	6,970.28	11,482.94	6,960.64	86.75	88.07	-89.69	1,360.67	5,615.69	2,363.55	2,189.11	174.44	13.550		
11,700.00	6,969.75	11,582.94	6,960.40	88.37	89.68	-89.70	1,361.13	5,715.69	2,363.87	2,186.18	177.69	13.303		
11,800.00	6,969.22	11,682.94	6,960.16	90.00	91.30	-89.71	1,361.59	5,815.68	2,364.19	2,183.24	180.95	13.066		
11,900.00	6,968.69	11,782.94	6,959.91	91.63	92.91	-89.71	1,362.04	5,915.68	2,364.51	2,180.30	184.21	12.836		
12,000.00	6,968.16	11,882.93	6,959.67	93.26	94.53	-89.72	1,362.50	6,015.68	2,364.83	2,177.36	187.47	12.614		
12,100.00	6,967.63	11,982.93	6,959.43	94.89	96.15	-89.73	1,362.96	6,115.68	2,365.15	2,174.41	190.74	12.400		
12,200.00	6,967.10	12,082.93	6,959.19	96.53	97.77	-89.73	1,363.42	6,215.67	2,365.47	2,171.46	194.00	12.193		
12,300.00	6,966.57	12,182.93	6,958.94	98.16	99.39	-89.74	1,363.88	6,315.67	2,365.79	2,168.51	197.28	11.992		
12,400.00	6,966.04	12,282.93	6,958.70	99.80	101.01	-89.75	1,364.34	6,415.67	2,366.11	2,165.56	200.55	11.798		
12,500.00	6,965.51	12,382.93	6,958.46	101.44	102.64	-89.76	1,364.79	6,515.67	2,366.43	2,162.60	203.82	11.610		
12,600.00	6,964.98	12,482.93	6,958.21	103.08	104.26	-89.76	1,365.25	6,615.67	2,366.75	2,159.65	207.10	11.428		
12,700.00	6,964.45	12,582.93	6,957.97	104.72	105.89	-89.77	1,365.71	6,715.66	2,367.07	2,156.69	210.38	11.251		
12,800.00	6,963.92	12,682.93	6,957.73	106.36	107.52	-89.78	1,366.17	6,815.66	2,367.39	2,153.72	213.67	11.080		
12,900.00	6,963.39	12,782.93	6,957.49	108.00	109.15	-89.78	1,366.63	6,915.66	2,367.71	2,150.76	216.95	10.914		
13,000.00	6,962.86	12,882.92	6,957.24	109.64	110.78	-89.79	1,367.09	7,015.66	2,368.03	2,147.80	220.24	10.752		
13,100.00	6,962.33	12,982.92	6,957.00	111.28	112.42	-89.80	1,367.54	7,115.65	2,368.35	2,144.83	223.52	10.596		
13,200.00	6,961.80	13,082.92	6,956.76	112.93	114.05	-89.80	1,368.00	7,215.65	2,368.67	2,141.86	226.81	10.443		
13,300.00	6,961.27	13,182.92	6,956.51	114.57	115.69	-89.81	1,368.46	7,315.65	2,368.99	2,138.89	230.10	10.295		
13,400.00	6,960.74	13,282.92	6,956.27	116.22	117.32	-89.82	1,368.92	7,415.65	2,369.31	2,135.92	233.40	10.151		
13,500.00	6,960.21	13,382.92	6,956.03	117.87	118.96	-89.83	1,369.38	7,515.64	2,369.64	2,132.94	236.69	10.012		
13,600.00	6,959.68	13,482.92	6,955.79	119.51	120.60	-89.83	1,369.84	7,615.64	2,369.96	2,129.97	239.99	9.875		
13,700.00	6,959.15	13,582.92	6,955.54	121.16	122.24	-89.84	1,370.30	7,715.64	2,370.28	2,126.99	243.28	9.743		
13,800.00	6,958.62	13,682.92	6,955.30	122.81	123.88	-89.85	1,370.75	7,815.64	2,370.60	2,124.02	246.58	9.614		
13,900.00	6,958.09	13,782.92	6,955.06	124.46	125.52	-89.85	1,371.21	7,915.64	2,370.92	2,121.04	249.88	9.488		
14,000.00	6,957.56	13,882.92	6,954.82	126.11	127.16	-89.86	1,371.67	8,015.63	2,371.24	2,118.06	253.18	9.366		
14,100.00	6,957.03	13,982.91	6,954.57	127.76	128.80	-89.87	1,372.13	8,115.63	2,371.56	2,115.08	256.48	9.247		
14,200.00	6,956.50	14,082.91	6,954.33	129.41	130.45	-89.87	1,372.59	8,215.63	2,371.88	2,112.10	259.78	9.130		
14,300.00	6,955.97	14,182.91	6,954.09	131.07	132.09	-89.88	1,373.05	8,315.63	2,372.20	2,109.11	263.09	9.017		
14,400.00	6,955.44	14,282.91	6,953.84	132.72	133.74	-89.89	1,373.50	8,415.62	2,372.52	2,106.13	266.39	8.906		
14,500.00	6,954.91	14,382.91	6,953.60	134.37	135.38	-89.90	1,373.96	8,515.62	2,372.85	2,103.15	269.70	8.798		
14,600.00	6,954.38	14,482.91	6,953.36	136.02	137.03	-89.90	1,374.42	8,615.62	2,373.17	2,100.16	273.01	8.693		
14,700.00	6,953.85	14,582.91	6,953.12	137.68	138.67	-89.91	1,374.88	8,715.62	2,373.49	2,097.18	276.31	8.590		
14,800.00	6,953.32	14,682.91	6,952.87	139.33	140.32	-89.92	1,375.34	8,815.62	2,373.81	2,094.19	279.62	8.489		
14,900.00	6,952.79	14,782.91	6,952.63	140.99	141.97	-89.92	1,375.80	8,915.61	2,374.13	2,091.20	282.93	8.391		
15,000.00	6,952.26	14,882.91	6,952.39	142.64	143.62	-89.93	1,376.25	9,015.61	2,374.45	2,088.21	286.24	8.295		
15,100.00	6,951.73	14,982.91	6,952.14	144.30	145.27	-89.94	1,376.71	9,115.61	2,374.77	2,085.22	289.55	8.202		
15,200.00	6,951.20	15,082.90	6,951.90	145.95	146.92	-89.94	1,377.17	9,215.61	2,375.09	2,082.23	292.86	8.110		
15,300.00	6,950.67	15,182.90	6,951.66	147.61	148.57	-89.95	1,377.63	9,315.60	2,375.42	2,079.24	296.18	8.020		
15,400.00	6,950.14	15,282.90	6,951.42	149.27	150.22	-89.96	1,378.09	9,415.60	2,375.74	2,076.25	299.49	7.933		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	6,949.61	15,382.90	6,951.17	150.92	151.87	-89.96	1,378.55	9,515.60	2,376.06	2,073.26	302.80	7.847	
15,600.00	6,949.08	15,482.90	6,950.93	152.58	153.52	-89.97	1,379.00	9,615.60	2,376.38	2,070.26	306.12	7.763	
15,700.00	6,948.55	15,582.90	6,950.69	154.24	155.17	-89.98	1,379.46	9,715.59	2,376.70	2,067.27	309.43	7.681	
15,800.00	6,948.02	15,682.90	6,950.45	155.90	156.82	-89.99	1,379.92	9,815.59	2,377.02	2,064.28	312.75	7.600	
15,900.00	6,947.49	15,782.90	6,950.20	157.56	158.48	-89.99	1,380.38	9,915.59	2,377.35	2,061.28	316.06	7.522	
16,000.00	6,946.96	15,882.90	6,949.96	159.22	160.13	-90.00	1,380.84	10,015.59	2,377.67	2,058.29	319.38	7.445	
16,100.00	6,946.43	15,982.90	6,949.72	160.87	161.78	-90.01	1,381.30	10,115.59	2,377.99	2,055.29	322.70	7.369	
16,200.00	6,945.90	16,082.90	6,949.47	162.53	163.44	-90.01	1,381.76	10,215.58	2,378.31	2,052.29	326.02	7.295	
16,300.00	6,945.37	16,182.89	6,949.23	164.19	165.09	-90.02	1,382.21	10,315.58	2,378.63	2,049.30	329.33	7.223	
16,400.00	6,944.84	16,282.89	6,948.99	165.85	166.74	-90.03	1,382.67	10,415.58	2,378.95	2,046.30	332.65	7.151	
16,500.00	6,944.31	16,382.89	6,948.75	167.51	168.40	-90.03	1,383.13	10,515.58	2,379.28	2,043.30	335.97	7.082	
16,600.00	6,943.78	16,482.89	6,948.50	169.17	170.05	-90.04	1,383.59	10,615.57	2,379.60	2,040.30	339.29	7.013	
16,700.00	6,943.25	16,582.89	6,948.26	170.83	171.71	-90.05	1,384.05	10,715.57	2,379.92	2,037.31	342.61	6.946	
16,800.00	6,942.72	16,682.89	6,948.02	172.49	173.37	-90.05	1,384.51	10,815.57	2,380.24	2,034.31	345.93	6.881	
16,900.00	6,942.19	16,782.89	6,947.78	174.16	175.02	-90.06	1,384.96	10,915.57	2,380.56	2,031.31	349.26	6.816	
17,000.00	6,941.66	16,882.89	6,947.53	175.82	176.68	-90.07	1,385.42	11,015.57	2,380.89	2,028.31	352.58	6.753	
17,100.00	6,941.13	16,982.89	6,947.29	177.48	178.34	-90.08	1,385.88	11,115.56	2,381.21	2,025.31	355.90	6.691	
17,200.00	6,940.60	17,082.89	6,947.05	179.14	179.99	-90.08	1,386.34	11,215.56	2,381.53	2,022.31	359.22	6.630	
17,300.00	6,940.07	17,182.88	6,946.80	180.80	181.65	-90.09	1,386.80	11,315.56	2,381.85	2,019.31	362.54	6.570	
17,400.00	6,939.54	17,282.88	6,946.56	182.46	183.31	-90.10	1,387.26	11,415.56	2,382.17	2,016.31	365.87	6.511	
17,500.00	6,939.01	17,382.88	6,946.32	184.13	184.97	-90.10	1,387.71	11,515.55	2,382.50	2,013.30	369.19	6.453	
17,600.00	6,938.48	17,482.88	6,946.08	185.79	186.62	-90.11	1,388.17	11,615.55	2,382.82	2,010.30	372.52	6.397	
17,601.54	6,938.47	17,484.43	6,946.07	185.81	186.65	-90.11	1,388.18	11,617.10	2,382.82	2,010.26	372.57	6.396 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-89.55	2.19	-279.80	279.81					
100.00	100.00	103.00	103.00	3.28	3.28	-89.55	2.19	-279.80	279.81	272.28	7.53	37.163		
200.00	200.00	203.00	203.00	3.31	3.31	-89.55	2.19	-279.80	279.81	272.24	7.57	36.939	CC, ES	
300.00	299.98	305.80	305.80	3.35	3.35	134.74	2.39	-279.59	280.84	273.18	7.66	36.656		
400.00	399.84	412.96	412.89	3.41	3.43	136.04	4.86	-277.07	282.27	274.48	7.79	36.245		
500.00	499.45	519.44	519.10	3.49	3.53	138.40	10.09	-271.73	283.93	275.97	7.96	35.668		
600.00	598.70	624.82	623.88	3.61	3.65	141.77	17.98	-263.68	286.45	278.27	8.18	35.007		
700.00	697.47	728.72	726.70	3.76	3.81	146.00	28.39	-253.05	290.69	282.23	8.46	34.356		
800.00	795.62	830.76	827.09	3.96	3.99	150.93	41.15	-240.02	297.68	288.88	8.80	33.817		
900.00	893.37	930.93	924.95	4.21	4.22	156.33	56.10	-224.75	307.22	298.01	9.21	33.366		
1,000.00	991.11	1,029.46	1,020.42	4.48	4.49	161.86	73.13	-207.36	318.23	308.56	9.67	32.905		
1,100.00	1,088.85	1,126.16	1,113.25	4.78	4.80	167.44	92.07	-188.02	331.29	321.10	10.20	32.492		
1,200.00	1,186.59	1,220.61	1,203.00	5.10	5.15	172.96	112.63	-167.02	346.96	336.18	10.78	32.197		
1,300.00	1,284.33	1,313.11	1,290.60	5.44	5.53	178.05	133.44	-145.77	365.72	354.32	11.39	32.097	SF	
1,400.00	1,382.08	1,405.62	1,378.20	5.80	5.94	-177.33	154.24	-124.53	387.30	375.26	12.04	32.173		
1,500.00	1,479.82	1,498.13	1,465.79	6.16	6.37	-173.18	175.05	-103.28	411.26	398.56	12.70	32.375		
1,600.00	1,577.56	1,609.37	1,553.39	6.54	6.90	-169.46	195.85	-82.04	437.22	423.74	13.48	32.445		
1,700.00	1,675.30	1,683.14	1,640.99	6.92	7.26	-166.14	216.66	-60.79	464.83	450.75	14.08	33.009		
1,800.00	1,773.04	1,775.65	1,728.59	7.31	7.72	-163.18	237.46	-39.55	493.82	479.03	14.79	33.387		
1,900.00	1,870.78	1,868.16	1,816.19	7.53	8.04	-160.53	258.27	-18.30	523.96	509.09	14.86	35.248		
2,000.00	1,968.53	1,960.66	1,903.78	7.58	8.18	-158.16	279.07	2.95	555.06	540.05	15.01	36.979		
2,100.00	2,066.27	2,053.17	1,991.38	7.65	8.27	-156.03	299.88	24.19	586.98	571.85	15.12	38.819		
2,200.00	2,164.01	2,145.68	2,078.98	7.74	8.38	-154.11	320.68	45.44	619.57	604.31	15.27	40.580		
2,300.00	2,261.75	2,238.18	2,166.58	7.84	8.51	-152.38	341.48	66.68	652.75	637.30	15.45	42.249		
2,400.00	2,359.49	2,330.69	2,254.17	7.96	8.66	-150.81	362.29	87.93	686.43	670.76	15.67	43.816		
2,500.00	2,457.23	2,423.20	2,341.77	8.10	8.82	-149.39	383.09	109.17	720.54	704.62	15.91	45.276		
2,600.00	2,554.98	2,515.71	2,429.37	8.26	9.01	-148.09	403.90	130.42	755.01	738.82	16.19	46.625		
2,700.00	2,652.72	2,608.21	2,516.97	8.42	9.20	-146.90	424.70	151.66	789.81	773.31	16.50	47.863		
2,800.00	2,750.46	2,700.72	2,604.57	8.61	9.42	-145.81	445.51	172.91	824.89	808.05	16.84	48.993		
2,900.00	2,848.20	2,806.77	2,692.16	8.80	9.68	-144.81	466.31	194.15	860.21	842.98	17.23	49.921		
3,000.00	2,945.94	2,885.73	2,779.76	9.01	9.89	-143.88	487.12	215.40	895.75	878.17	17.59	50.937		
3,100.00	3,043.68	2,978.24	2,867.36	9.22	10.14	-143.03	507.92	236.64	931.49	913.49	17.99	51.767		
3,200.00	3,141.43	3,070.75	2,954.96	9.45	10.41	-142.23	528.73	257.89	967.39	948.97	18.42	52.510		
3,300.00	3,239.17	3,163.26	3,042.55	9.69	10.68	-141.50	549.53	279.14	1,003.45	984.58	18.87	53.172		
3,400.00	3,336.91	3,255.76	3,130.15	9.93	10.96	-140.81	570.34	300.38	1,039.65	1,020.31	19.34	53.761		
3,500.00	3,434.65	3,348.27	3,217.75	10.19	11.26	-140.17	591.14	321.63	1,075.96	1,056.14	19.82	54.283		
3,600.00	3,532.39	3,440.78	3,305.35	10.45	11.56	-139.57	611.94	342.87	1,112.39	1,092.07	20.32	54.744		
3,700.00	3,630.13	3,533.28	3,392.95	10.72	11.87	-139.00	632.75	364.12	1,148.92	1,128.09	20.83	55.149		
3,800.00	3,727.87	3,625.79	3,480.54	11.00	12.18	-138.48	653.55	385.36	1,185.54	1,164.18	21.36	55.505		
3,900.00	3,825.62	3,718.30	3,568.14	11.28	12.50	-137.98	674.36	406.61	1,222.24	1,200.35	21.90	55.816		
4,000.00	3,923.36	3,810.81	3,655.74	11.57	12.83	-137.51	695.16	427.85	1,259.02	1,236.58	22.45	56.086		
4,100.00	4,021.10	3,903.31	3,743.34	11.86	13.16	-137.07	715.97	449.10	1,295.87	1,272.86	23.01	56.322		
4,200.00	4,118.84	4,004.18	3,830.93	12.16	13.53	-136.65	736.77	470.34	1,332.78	1,309.18	23.61	56.454		
4,300.00	4,216.58	4,088.33	3,918.53	12.46	13.85	-136.26	757.58	491.59	1,369.75	1,345.59	24.16	56.697		
4,400.00	4,314.32	4,180.83	4,006.13	12.77	14.19	-135.88	778.38	512.83	1,406.78	1,382.03	24.75	56.845		
4,500.00	4,412.07	4,273.34	4,093.73	13.08	14.54	-135.53	799.19	534.08	1,443.85	1,418.51	25.34	56.970		
4,600.00	4,509.81	4,365.85	4,181.33	13.39	14.90	-135.19	819.99	555.33	1,480.97	1,455.02	25.95	57.075		
4,700.00	4,607.55	4,458.36	4,268.92	13.71	15.26	-134.87	840.79	576.57	1,518.13	1,491.57	26.56	57.162		
4,800.00	4,705.29	4,550.86	4,356.52	14.03	15.62	-134.56	861.60	597.82	1,555.33	1,528.16	27.18	57.234		
4,900.00	4,803.03	4,643.37	4,444.12	14.35	15.99	-134.27	882.40	619.06	1,592.57	1,564.77	27.80	57.291		
5,000.00	4,900.77	4,735.88	4,531.72	14.68	16.35	-133.99	903.21	640.31	1,629.85	1,601.42	28.43	57.335		
5,100.00	4,998.52	4,828.38	4,619.31	15.01	16.73	-133.72	924.01	661.55	1,667.15	1,638.09	29.06	57.368		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,096.26	4,920.89	4,706.91	15.34	17.10	-133.47	944.82	682.80	1,704.48	1,674.78	29.70	57.391	
5,300.00	5,194.00	5,013.40	4,794.51	15.67	17.47	-133.23	965.62	704.04	1,741.85	1,711.50	30.34	57.406	
5,400.00	5,291.74	5,105.91	4,882.11	16.01	17.85	-132.99	986.43	725.29	1,779.23	1,748.24	30.99	57.412	
5,500.00	5,389.48	5,201.59	4,969.71	16.35	18.24	-132.77	1,007.23	746.53	1,816.65	1,784.99	31.65	57.389	
5,600.00	5,487.22	5,309.08	5,057.30	16.69	18.69	-132.55	1,028.04	767.78	1,854.08	1,821.71	32.37	57.280	
5,700.00	5,584.96	5,383.43	5,144.90	17.03	19.00	-132.35	1,048.84	789.02	1,891.54	1,858.58	32.96	57.393	
5,800.00	5,682.71	5,475.93	5,232.50	17.37	19.38	-132.15	1,069.64	810.27	1,929.02	1,895.40	33.62	57.375	
5,900.00	5,780.45	5,568.44	5,320.10	17.72	19.77	-131.96	1,090.45	831.52	1,966.51	1,932.23	34.29	57.354	
6,000.00	5,878.19	5,660.95	5,407.69	18.06	20.16	-131.77	1,111.25	852.76	2,004.03	1,969.07	34.96	57.329	
6,100.00	5,975.93	5,753.45	5,495.29	18.41	20.55	-131.60	1,132.06	874.01	2,041.56	2,005.93	35.63	57.300	
6,200.00	6,073.67	5,845.96	5,582.89	18.76	20.94	-131.43	1,152.86	895.25	2,079.11	2,042.81	36.30	57.269	
6,300.00	6,171.41	5,938.47	5,670.49	19.11	21.33	-131.26	1,173.67	916.50	2,116.68	2,079.69	36.98	57.235	
6,400.00	6,269.16	6,030.98	5,758.09	19.46	21.73	-131.10	1,194.47	937.74	2,154.25	2,116.59	37.66	57.199	
6,500.00	6,366.90	6,123.48	5,845.68	19.81	22.12	-130.95	1,215.28	958.99	2,191.85	2,153.50	38.35	57.161	
6,600.00	6,464.63	6,216.00	5,933.29	20.17	22.52	-127.68	1,236.08	980.23	2,229.44	2,190.41	39.03	57.121	
6,700.00	6,560.49	6,308.89	6,021.25	20.55	22.91	-106.74	1,256.97	1,001.57	2,265.97	2,226.22	39.75	57.003	
6,800.00	6,651.48	6,400.77	6,108.26	21.01	23.31	-96.41	1,277.64	1,022.67	2,300.13	2,259.58	40.55	56.723	
6,900.00	6,735.38	6,489.37	6,192.16	21.54	23.69	-90.33	1,297.56	1,043.02	2,331.46	2,290.04	41.42	56.294	
7,000.00	6,810.10	6,572.52	6,270.89	22.15	24.05	-86.43	1,316.26	1,062.11	2,359.80	2,317.46	42.34	55.733	
7,100.00	6,873.81	6,648.15	6,342.51	22.82	24.38	-83.83	1,333.27	1,079.48	2,385.24	2,341.92	43.32	55.062	
7,200.00	6,924.94	6,714.42	6,405.26	23.57	24.66	-82.04	1,348.18	1,094.70	2,408.06	2,363.72	44.34	54.310	
7,300.00	6,962.24	6,769.68	6,457.59	24.38	24.90	-80.75	1,360.60	1,107.40	2,428.58	2,383.20	45.38	53.511	
7,400.00	6,984.78	6,812.58	6,498.21	25.26	25.09	-79.72	1,370.25	1,117.25	2,447.16	2,400.74	46.43	52.707	
7,500.07	6,992.00	6,842.09	6,526.15	26.19	25.22	-78.83	1,376.89	1,124.02	2,464.08	2,416.64	47.44	51.941	
7,600.00	6,991.48	6,864.56	6,547.44	27.18	25.32	-79.35	1,381.94	1,129.19	2,482.03	2,433.59	48.44	51.241	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.19	-3.62	1,119.76	1,119.77						
100.00	100.00	102.00	102.00	3.28	3.28	90.19	-3.62	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	90.19	-3.62	1,119.76	1,119.77	1,112.19	7.57	147.833			
300.00	299.98	301.98	301.98	3.35	3.35	-45.90	-3.62	1,119.76	1,118.55	1,110.89	7.66	146.018			
400.00	399.84	380.87	380.86	3.41	3.40	-46.13	-2.76	1,120.52	1,115.87	1,108.10	7.77	143.639			
500.00	499.45	459.82	459.73	3.49	3.47	-46.56	-0.29	1,122.72	1,112.66	1,104.75	7.91	140.625			
600.00	598.70	538.19	537.91	3.61	3.55	-47.18	3.78	1,126.34	1,109.01	1,100.91	8.09	137.021			
700.00	697.47	615.76	615.12	3.76	3.64	-47.98	9.37	1,131.32	1,105.06	1,096.74	8.32	132.866			
800.00	795.62	692.32	691.10	3.96	3.74	-48.96	16.42	1,137.59	1,100.99	1,092.40	8.59	128.207			
900.00	893.37	767.92	765.85	4.21	3.86	-50.01	24.87	1,145.10	1,097.94	1,089.03	8.91	123.282			
971.53	963.28	821.57	818.69	4.40	3.96	-50.79	31.76	1,151.23	1,097.28	1,088.12	9.16	119.809	CC		
1,000.00	991.11	842.81	839.56	4.48	4.00	-51.11	34.69	1,153.83	1,097.39	1,088.12	9.26	118.451	ES		
1,100.00	1,088.85	916.88	912.12	4.78	4.15	-52.26	45.82	1,163.73	1,099.45	1,089.79	9.66	113.827			
1,200.00	1,186.59	990.06	983.41	5.10	4.33	-53.46	58.19	1,174.73	1,104.23	1,094.14	10.09	109.473			
1,300.00	1,284.33	1,078.59	1,069.25	5.44	4.57	-54.94	74.35	1,189.11	1,111.30	1,100.70	10.60	104.855			
1,400.00	1,382.08	1,172.95	1,160.74	5.80	4.86	-56.51	91.64	1,204.48	1,119.36	1,108.20	11.16	100.267			
1,500.00	1,479.82	1,267.32	1,252.22	6.16	5.17	-58.05	108.93	1,219.85	1,128.34	1,116.58	11.76	95.976			
1,600.00	1,577.56	1,361.69	1,343.71	6.54	5.49	-59.57	126.21	1,235.22	1,138.21	1,125.84	12.37	91.994			
1,700.00	1,675.30	1,456.05	1,435.20	6.92	5.83	-61.07	143.50	1,250.60	1,148.95	1,135.95	13.00	88.368			
1,800.00	1,773.04	1,550.42	1,526.68	7.31	6.18	-62.54	160.78	1,265.97	1,160.53	1,146.88	13.65	85.007			
1,900.00	1,870.78	1,644.78	1,618.17	7.53	6.54	-63.99	178.07	1,281.34	1,172.94	1,159.01	13.93	84.211			
2,000.00	1,968.53	1,739.15	1,709.66	7.58	6.91	-65.40	195.36	1,296.71	1,186.13	1,171.87	14.26	83.172			
2,100.00	2,066.27	1,833.52	1,801.14	7.65	7.23	-66.79	212.64	1,312.09	1,200.10	1,185.70	14.39	83.378			
2,200.00	2,164.01	1,927.88	1,892.63	7.74	7.39	-68.14	229.93	1,327.46	1,214.80	1,200.21	14.59	83.273			
2,300.00	2,261.75	2,022.25	1,984.12	7.84	7.45	-69.47	247.21	1,342.83	1,230.22	1,215.51	14.71	83.609			
2,400.00	2,359.49	2,116.62	2,075.60	7.96	7.53	-70.77	264.50	1,358.21	1,246.33	1,231.46	14.87	83.801			
2,500.00	2,457.23	2,210.98	2,167.09	8.10	7.62	-72.03	281.79	1,373.58	1,263.10	1,248.04	15.06	83.856			
2,600.00	2,554.98	2,305.35	2,258.58	8.26	7.73	-73.27	299.07	1,388.95	1,280.50	1,265.22	15.28	83.784			
2,700.00	2,652.72	2,400.29	2,350.07	8.42	7.86	-74.47	316.36	1,404.32	1,298.52	1,282.99	15.53	83.593			
2,800.00	2,750.46	2,505.92	2,441.55	8.61	8.02	-75.64	333.64	1,419.70	1,317.12	1,301.30	15.83	83.227			
2,900.00	2,848.20	2,588.45	2,533.04	8.80	8.15	-76.78	350.93	1,435.07	1,336.28	1,320.17	16.12	82.916			
3,000.00	2,945.94	2,682.81	2,624.53	9.01	8.32	-77.89	368.22	1,450.44	1,355.98	1,339.53	16.45	82.454			
3,100.00	3,043.68	2,777.18	2,716.01	9.22	8.50	-78.97	385.50	1,465.82	1,376.19	1,359.39	16.80	81.928			
3,200.00	3,141.43	2,871.54	2,807.50	9.45	8.69	-80.03	402.79	1,481.19	1,396.90	1,379.72	17.17	81.348			
3,300.00	3,239.17	2,965.91	2,898.99	9.69	8.89	-81.05	420.07	1,496.56	1,418.07	1,400.50	17.57	80.728			
3,400.00	3,336.91	3,060.28	2,990.47	9.93	9.10	-82.04	437.36	1,511.93	1,439.69	1,421.71	17.98	80.074			
3,500.00	3,434.65	3,154.64	3,081.96	10.19	9.32	-83.01	454.64	1,527.31	1,461.74	1,443.33	18.41	79.398			
3,600.00	3,532.39	3,249.01	3,173.45	10.45	9.55	-83.95	471.93	1,542.68	1,484.21	1,465.35	18.86	78.706			
3,700.00	3,630.13	3,343.38	3,264.93	10.72	9.79	-84.86	489.22	1,558.05	1,507.06	1,487.74	19.32	78.005			
3,800.00	3,727.87	3,437.74	3,356.42	11.00	10.04	-85.75	506.50	1,573.42	1,530.29	1,510.49	19.80	77.301			
3,900.00	3,825.62	3,532.11	3,447.91	11.28	10.29	-86.61	523.79	1,588.80	1,553.87	1,533.59	20.29	76.598			
4,000.00	3,923.36	3,626.47	3,539.39	11.57	10.55	-87.45	541.07	1,604.17	1,577.80	1,557.01	20.79	75.901			
4,100.00	4,021.10	3,720.84	3,630.88	11.86	10.82	-88.26	558.36	1,619.54	1,602.06	1,580.75	21.30	75.212			
4,200.00	4,118.84	3,815.21	3,722.37	12.16	11.09	-89.05	575.65	1,634.92	1,626.62	1,604.80	21.82	74.534			
4,300.00	4,216.58	3,909.57	3,813.86	12.46	11.36	-89.82	592.93	1,650.29	1,651.48	1,629.13	22.36	73.871			
4,400.00	4,314.32	4,003.94	3,905.34	12.77	11.65	-90.57	610.22	1,665.66	1,676.63	1,653.73	22.90	73.220			
4,500.00	4,412.07	4,101.70	3,996.83	13.08	11.94	-91.29	627.50	1,681.03	1,702.05	1,678.59	23.46	72.558			
4,600.00	4,509.81	4,192.67	4,088.32	13.39	12.22	-92.00	644.79	1,696.41	1,727.73	1,703.72	24.01	71.969			
4,700.00	4,607.55	4,287.04	4,179.80	13.71	12.52	-92.68	662.08	1,711.78	1,753.66	1,729.08	24.57	71.369			
4,800.00	4,705.29	4,381.40	4,271.29	14.03	12.81	-93.35	679.36	1,727.15	1,779.82	1,754.68	25.14	70.786			
4,900.00	4,803.03	4,475.77	4,362.78	14.35	13.11	-93.99	696.65	1,742.52	1,806.21	1,780.49	25.72	70.222			
5,000.00	4,900.77	4,570.14	4,454.26	14.68	13.42	-94.62	713.93	1,757.90	1,832.82	1,806.52	26.31	69.675			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,664.50	4,545.75	15.01	13.73	-95.23	731.22	1,773.27	1,859.64	1,832.75	26.89	69.146		
5,200.00	5,096.26	4,758.87	4,637.24	15.34	14.04	-95.83	748.51	1,788.64	1,886.66	1,859.17	27.49	68.635		
5,300.00	5,194.00	4,853.23	4,728.72	15.67	14.35	-96.41	765.79	1,804.02	1,913.87	1,885.78	28.09	68.140		
5,400.00	5,291.74	4,947.60	4,820.21	16.01	14.66	-96.97	783.08	1,819.39	1,941.26	1,912.57	28.69	67.662		
5,500.00	5,389.48	5,041.97	4,911.70	16.35	14.98	-97.52	800.36	1,834.76	1,968.82	1,939.52	29.30	67.201		
5,600.00	5,487.22	5,136.33	5,003.18	16.69	15.30	-98.05	817.65	1,850.13	1,996.56	1,966.65	29.91	66.755		
5,700.00	5,584.96	5,230.70	5,094.67	17.03	15.62	-98.57	834.94	1,865.51	2,024.45	1,993.93	30.52	66.324		
5,800.00	5,682.71	5,325.06	5,186.16	17.37	15.94	-99.08	852.22	1,880.88	2,052.50	2,021.36	31.14	65.908		
5,900.00	5,780.45	5,419.43	5,277.65	17.72	16.27	-99.57	869.51	1,896.25	2,080.70	2,048.93	31.76	65.506		
6,000.00	5,878.19	5,513.80	5,369.13	18.06	16.59	-100.05	886.79	1,911.62	2,109.04	2,076.65	32.39	65.117		
6,100.00	5,975.93	5,608.16	5,460.62	18.41	16.92	-100.52	904.08	1,927.00	2,137.51	2,104.50	33.02	64.742		
6,200.00	6,073.67	5,702.53	5,552.11	18.76	17.25	-100.97	921.36	1,942.37	2,166.12	2,132.47	33.65	64.380		
6,300.00	6,171.41	5,803.10	5,643.59	19.11	17.60	-101.41	938.65	1,957.74	2,194.85	2,160.55	34.30	63.992		
6,400.00	6,269.16	5,908.74	5,735.08	19.46	17.98	-101.85	955.94	1,973.12	2,223.71	2,188.74	34.97	63.588		
6,500.00	6,366.90	5,985.63	5,826.57	19.81	18.25	-102.27	973.22	1,988.49	2,252.68	2,217.12	35.55	63.363		
6,600.00	6,464.63	6,080.00	5,918.05	20.17	18.58	-99.70	990.51	2,003.86	2,281.72	2,245.53	36.19	63.047		
6,700.00	6,560.49	6,174.87	6,010.54	20.55	18.92	-100.17	1,007.64	2,019.23	2,311.26	2,275.07	36.87	62.746		
6,800.00	6,654.48	6,269.74	6,103.03	20.94	19.27	-100.64	1,024.81	2,034.84	2,341.30	2,308.41	37.59	62.458		
6,900.00	6,748.47	6,364.61	6,195.52	21.33	19.62	-101.11	1,042.04	2,050.64	2,371.94	2,346.75	38.34	62.182		
7,000.00	6,842.46	6,459.48	6,288.01	21.72	19.97	-101.58	1,059.33	2,067.04	2,403.18	2,388.19	39.11	61.917		
7,100.00	6,936.45	6,554.35	6,380.50	22.11	20.32	-102.05	1,076.68	2,083.04	2,435.02	2,414.63	39.91	61.662		
7,200.00	7,030.44	6,649.22	6,473.00	22.50	20.67	-102.52	1,094.07	2,108.54	2,467.46	2,446.07	40.73	61.417		
7,300.00	7,124.43	6,744.09	6,565.49	22.89	21.02	-102.99	1,111.51	2,133.64	2,500.50	2,477.51	41.58	61.182		
7,400.00	7,218.42	6,838.96	6,657.98	23.28	21.37	-103.46	1,129.00	2,158.34	2,534.14	2,508.15	42.46	60.957		
7,500.00	7,312.41	6,933.83	6,750.47	23.67	21.72	-103.93	1,146.54	2,182.84	2,568.38	2,538.39	43.37	60.742		
7,600.00	7,406.40	7,028.70	6,842.96	24.06	22.07	-104.40	1,164.13	2,207.04	2,603.22	2,573.13	44.30	60.537		
7,700.00	7,500.39	7,123.57	6,935.45	24.45	22.42	-104.87	1,181.77	2,230.84	2,638.66	2,607.37	45.25	60.342		
7,800.00	7,594.38	7,218.44	7,027.94	24.84	22.77	-105.34	1,199.46	2,254.24	2,674.70	2,641.61	46.22	60.157		
7,900.00	7,688.37	7,313.31	7,120.43	25.23	23.12	-105.81	1,217.20	2,277.34	2,711.34	2,675.85	47.21	60.000		
8,000.00	7,782.36	7,408.18	7,212.92	25.62	23.47	-106.28	1,235.00	2,300.04	2,748.68	2,706.99	48.21	59.862		
8,100.00	7,876.35	7,503.05	7,305.41	26.01	23.82	-106.75	1,252.85	2,322.34	2,786.72	2,742.13	49.22	59.734		
8,200.00	7,970.34	7,597.92	7,397.90	26.40	24.17	-107.22	1,270.75	2,344.24	2,825.46	2,777.27	50.24	59.615		
8,300.00	8,064.33	7,692.79	7,490.39	26.79	24.52	-107.69	1,288.70	2,365.74	2,864.80	2,812.41	51.27	59.505		
8,400.00	8,158.32	7,787.66	7,582.88	27.18	24.87	-108.16	1,306.70	2,386.84	2,904.74	2,847.55	52.31	59.404		
8,500.00	8,252.31	7,882.53	7,675.37	27.57	25.22	-108.63	1,324.75	2,407.54	2,945.28	2,881.69	53.36	59.312		
8,600.00	8,346.30	7,977.40	7,767.86	27.96	25.57	-109.10	1,342.85	2,427.84	2,986.52	2,916.83	54.42	59.229		
8,700.00	8,440.29	8,072.27	7,860.35	28.35	25.92	-109.57	1,361.00	2,447.74	3,027.46	2,951.97	55.49	59.154		
8,800.00	8,534.28	8,167.14	7,952.84	28.74	26.27	-110.04	1,379.30	2,467.24	3,068.00	2,987.11	56.57	59.087		
8,900.00	8,628.27	8,262.01	8,045.33	29.13	26.62	-110.51	1,397.75	2,486.34	3,114.24	3,022.25	57.66	59.028		
9,000.00	8,722.26	8,356.88	8,137.82	29.52	26.97	-110.98	1,416.35	2,505.04	3,161.18	3,057.39	58.76	58.976		
9,100.00	8,816.25	8,451.75	8,230.31	29.91	27.32	-111.45	1,435.00	2,523.44	3,209.82	3,092.53	59.87	58.930		
9,200.00	8,910.24	8,546.62	8,322.80	30.30	27.67	-111.92	1,453.80	2,541.44	3,259.06	3,128.67	60.99	58.889		
9,300.00	9,004.23	8,641.49	8,415.29	30.69	28.02	-112.39	1,472.75	2,559.04	3,308.90	3,166.81	62.12	58.852		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	1.00	1.00	3.28	3.28	90.17	-3.25	1,099.72	1,099.72					
100.00	100.00	101.00	101.00	3.28	3.28	90.17	-3.25	1,099.72	1,099.72	1,092.19	7.53	146.066		
200.00	200.00	201.00	201.00	3.31	3.31	90.17	-3.25	1,099.72	1,099.72	1,092.15	7.57	145.193		
300.00	299.98	285.70	285.69	3.35	3.34	-45.92	-2.77	1,100.14	1,099.04	1,091.39	7.65	143.659		
400.00	399.84	365.36	365.30	3.41	3.39	-46.20	-0.66	1,101.98	1,097.71	1,089.96	7.75	141.557		
500.00	499.45	444.57	444.36	3.49	3.46	-46.69	3.08	1,105.25	1,095.88	1,087.98	7.90	138.806		
600.00	598.70	523.10	522.57	3.61	3.54	-47.36	8.42	1,109.91	1,093.64	1,085.56	8.07	135.440		
700.00	697.47	600.00	598.93	3.76	3.63	-48.20	15.21	1,115.83	1,091.15	1,082.85	8.30	131.526		
800.00	795.62	677.25	675.37	3.96	3.74	-49.24	23.58	1,123.14	1,088.61	1,080.04	8.57	127.027		
900.00	893.37	752.71	749.73	4.21	3.86	-50.35	33.26	1,131.59	1,087.16	1,078.27	8.89	122.271		
907.08	900.29	758.02	754.95	4.23	3.87	-50.43	33.99	1,132.23	1,087.15	1,078.24	8.92	121.934	CC, ES	
1,000.00	991.11	827.35	822.93	4.48	4.01	-51.52	44.28	1,141.21	1,088.29	1,079.03	9.25	117.604		
1,100.00	1,088.85	900.00	893.77	4.78	4.18	-52.71	56.38	1,151.77	1,092.11	1,082.46	9.65	113.180		
1,200.00	1,186.59	973.89	965.39	5.10	4.37	-53.98	70.07	1,163.72	1,098.70	1,088.62	10.09	108.930		
1,300.00	1,284.33	1,066.11	1,054.43	5.44	4.65	-55.59	88.15	1,179.50	1,107.36	1,096.74	10.62	104.233		
1,400.00	1,382.08	1,160.01	1,145.09	5.80	4.95	-57.20	106.57	1,195.58	1,117.02	1,105.82	11.20	99.743		
1,500.00	1,479.82	1,253.91	1,235.76	6.16	5.28	-58.78	124.99	1,211.66	1,127.65	1,115.84	11.80	95.555		
1,600.00	1,577.56	1,347.81	1,326.42	6.54	5.63	-60.34	143.40	1,227.73	1,139.21	1,126.78	12.43	91.684		
1,700.00	1,675.30	1,441.72	1,417.09	6.92	5.99	-61.87	161.82	1,243.81	1,151.68	1,138.62	13.06	88.167		
1,800.00	1,773.04	1,535.62	1,507.75	7.31	6.36	-63.37	180.24	1,259.88	1,165.04	1,151.32	13.72	84.925		
1,900.00	1,870.78	1,629.52	1,598.42	7.53	6.74	-64.83	198.65	1,275.96	1,179.24	1,165.24	14.00	84.232		
2,000.00	1,968.53	1,723.43	1,689.08	7.58	7.13	-66.27	217.07	1,292.04	1,194.27	1,179.93	14.34	83.293		
2,100.00	2,066.27	1,817.33	1,779.75	7.65	7.49	-67.67	235.49	1,308.11	1,210.09	1,195.42	14.67	82.485		
2,200.00	2,164.01	1,911.23	1,870.41	7.74	7.70	-69.04	253.90	1,324.19	1,226.67	1,211.95	14.72	83.357		
2,300.00	2,261.75	2,005.14	1,961.08	7.84	7.76	-70.37	272.32	1,340.26	1,243.98	1,229.14	14.84	83.853		
2,400.00	2,359.49	2,100.96	2,051.74	7.96	7.84	-71.67	290.74	1,356.34	1,261.98	1,246.99	14.99	84.194		
2,500.00	2,457.23	2,207.06	2,142.41	8.10	7.95	-72.94	309.15	1,372.42	1,280.66	1,265.48	15.18	84.344		
2,600.00	2,554.98	2,286.84	2,233.07	8.26	8.05	-74.17	327.57	1,388.49	1,299.98	1,284.59	15.39	84.468		
2,700.00	2,652.72	2,380.75	2,323.74	8.42	8.17	-75.37	345.99	1,404.57	1,319.91	1,304.28	15.64	84.413		
2,800.00	2,750.46	2,474.65	2,414.40	8.61	8.32	-76.53	364.41	1,420.64	1,340.43	1,324.52	15.91	84.248		
2,900.00	2,848.20	2,568.55	2,505.07	8.80	8.48	-77.67	382.82	1,436.72	1,361.51	1,345.30	16.21	83.984		
3,000.00	2,945.94	2,662.46	2,595.73	9.01	8.65	-78.77	401.24	1,452.80	1,383.12	1,366.58	16.54	83.635		
3,100.00	3,043.68	2,756.36	2,686.40	9.22	8.83	-79.83	419.66	1,468.87	1,405.24	1,388.35	16.89	83.213		
3,200.00	3,141.43	2,850.26	2,777.06	9.45	9.02	-80.87	438.07	1,484.95	1,427.84	1,410.58	17.26	82.729		
3,300.00	3,239.17	2,944.17	2,867.73	9.69	9.23	-81.88	456.49	1,501.03	1,450.91	1,433.26	17.65	82.195		
3,400.00	3,336.91	3,038.07	2,958.39	9.93	9.45	-82.85	474.91	1,517.10	1,474.42	1,456.36	18.06	81.621		
3,500.00	3,434.65	3,131.97	3,049.06	10.19	9.67	-83.80	493.32	1,533.18	1,498.35	1,479.85	18.49	81.017		
3,600.00	3,532.39	3,225.87	3,139.72	10.45	9.91	-84.72	511.74	1,549.25	1,522.68	1,503.74	18.94	80.389		
3,700.00	3,630.13	3,319.78	3,230.39	10.72	10.15	-85.62	530.16	1,565.33	1,547.39	1,527.98	19.40	79.746		
3,800.00	3,727.87	3,413.68	3,321.05	11.00	10.40	-86.48	548.58	1,581.41	1,572.46	1,552.58	19.88	79.093		
3,900.00	3,825.62	3,507.58	3,411.72	11.28	10.66	-87.32	566.99	1,597.48	1,597.88	1,577.51	20.37	78.437		
4,000.00	3,923.36	3,601.49	3,502.38	11.57	10.93	-88.14	585.41	1,613.56	1,623.64	1,602.76	20.87	77.781		
4,100.00	4,021.10	3,704.61	3,593.05	11.86	11.23	-88.93	603.83	1,629.63	1,649.70	1,628.29	21.41	77.043		
4,200.00	4,118.84	3,789.29	3,683.71	12.16	11.48	-89.69	622.24	1,645.71	1,676.07	1,654.15	21.91	76.481		
4,300.00	4,216.58	3,883.20	3,774.38	12.46	11.76	-90.44	640.66	1,661.79	1,702.72	1,680.27	22.45	75.845		
4,400.00	4,314.32	3,977.10	3,865.04	12.77	12.05	-91.16	659.08	1,677.86	1,729.64	1,706.65	22.99	75.220		
4,500.00	4,412.07	4,071.00	3,955.71	13.08	12.34	-91.86	677.49	1,693.94	1,756.83	1,733.28	23.55	74.608		
4,600.00	4,509.81	4,164.90	4,046.37	13.39	12.64	-92.55	695.91	1,710.01	1,784.26	1,760.15	24.11	74.010		
4,700.00	4,607.55	4,258.81	4,137.04	13.71	12.94	-93.21	714.33	1,726.09	1,811.93	1,787.26	24.68	73.427		
4,800.00	4,705.29	4,352.71	4,227.70	14.03	13.24	-93.85	732.75	1,742.17	1,839.83	1,814.58	25.25	72.859		
4,900.00	4,803.03	4,446.61	4,318.37	14.35	13.55	-94.47	751.16	1,758.24	1,867.94	1,842.11	25.83	72.308		
5,000.00	4,900.77	4,540.52	4,409.03	14.68	13.86	-95.08	769.58	1,774.32	1,896.26	1,869.84	26.42	71.772		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,634.42	4,499.70	15.01	14.18	-95.67	788.00	1,790.39	1,924.78	1,897.77	27.01	71.252		
5,200.00	5,096.26	4,728.32	4,590.36	15.34	14.50	-96.24	806.41	1,806.47	1,953.49	1,925.87	27.61	70.748		
5,300.00	5,194.00	4,822.23	4,681.03	15.67	14.82	-96.80	824.83	1,822.55	1,982.37	1,954.16	28.21	70.260		
5,400.00	5,291.74	4,916.13	4,771.69	16.01	15.14	-97.34	843.25	1,838.62	2,011.43	1,982.61	28.82	69.787		
5,500.00	5,389.48	5,010.03	4,862.36	16.35	15.47	-97.86	861.66	1,854.70	2,040.66	2,011.23	29.43	69.330		
5,600.00	5,487.22	5,103.94	4,953.02	16.69	15.79	-98.37	880.08	1,870.77	2,070.04	2,039.99	30.05	68.887		
5,700.00	5,584.96	5,197.84	5,043.69	17.03	16.12	-98.87	898.50	1,886.85	2,099.58	2,068.91	30.67	68.458		
5,800.00	5,682.71	5,308.26	5,134.35	17.37	16.51	-99.36	916.91	1,902.93	2,129.26	2,097.91	31.35	67.929		
5,900.00	5,780.45	5,385.64	5,225.02	17.72	16.79	-99.83	935.33	1,919.00	2,159.08	2,127.16	31.92	67.641		
6,000.00	5,878.19	5,479.55	5,315.68	18.06	17.12	-100.29	953.75	1,935.08	2,189.04	2,156.49	32.55	67.253		
6,100.00	5,975.93	5,573.45	5,406.35	18.41	17.46	-100.73	972.17	1,951.15	2,219.12	2,185.94	33.18	66.877		
6,200.00	6,073.67	5,667.35	5,497.01	18.76	17.80	-101.17	990.58	1,967.23	2,249.33	2,215.51	33.82	66.513		
6,300.00	6,171.41	5,761.26	5,587.68	19.11	18.14	-101.59	1,009.00	1,983.31	2,279.65	2,245.19	34.46	66.161		
6,400.00	6,269.16	8,163.85	6,941.67	19.46	25.52	-138.52	1,286.53	839.74	2,283.93	2,242.79	41.14	55.518		
6,500.00	6,366.90	8,146.63	6,942.13	19.81	25.34	-138.09	1,286.59	856.95	2,271.98	2,230.26	41.72	54.459		
6,600.00	6,464.63	8,129.34	6,942.59	20.17	25.16	-134.94	1,286.65	874.24	2,264.26	2,221.99	42.27	53.568		
6,700.00	6,560.49	8,103.01	6,943.29	20.55	24.89	-117.05	1,286.75	900.56	2,260.90	2,218.17	42.72	52.919		
6,730.42	6,588.79	8,107.97	6,943.58	20.69	24.94	-113.88	1,286.79	911.53	2,260.71	2,217.71	43.00	52.573		
6,800.00	6,651.48	8,061.93	6,944.38	21.01	24.48	-108.42	1,286.90	941.63	2,261.61	2,218.52	43.09	52.485		
6,900.00	6,735.38	8,007.11	6,945.84	21.54	23.95	-102.88	1,287.09	996.43	2,265.61	2,222.25	43.36	52.253		
7,000.00	6,810.10	7,939.90	6,947.64	22.15	23.34	-98.69	1,287.34	1,063.61	2,271.84	2,228.24	43.59	52.114		
7,100.00	6,873.81	7,861.96	6,949.71	22.82	22.67	-95.32	1,287.62	1,141.52	2,279.11	2,235.29	43.82	52.008		
7,200.00	6,924.94	7,775.20	6,952.02	23.57	21.99	-92.64	1,287.93	1,228.25	2,286.25	2,242.15	44.10	51.843		
7,300.00	6,962.24	7,681.77	6,954.51	24.38	21.38	-90.69	1,288.27	1,321.65	2,292.20	2,247.73	44.48	51.537		
7,400.00	6,984.78	7,583.95	6,957.12	25.26	20.96	-89.52	1,288.63	1,419.43	2,296.17	2,251.19	44.98	51.043		
7,500.07	6,992.00	7,355.77	6,934.06	26.19	21.01	-88.54	1,283.53	1,645.29	2,295.78	2,250.29	45.48	50.475		
7,600.00	6,991.48	7,120.60	6,831.53	27.18	21.25	-85.98	1,262.29	1,854.36	2,287.64	2,241.35	46.30	49.413		
7,700.00	6,990.95	6,967.66	6,727.58	28.24	21.33	-83.33	1,240.95	1,963.99	2,276.99	2,229.75	47.23	48.206		
7,800.00	6,990.42	6,870.82	6,649.65	29.37	21.32	-81.32	1,224.99	2,019.05	2,267.19	2,219.01	48.18	47.055		
7,900.00	6,989.89	6,806.75	6,593.97	30.54	21.30	-79.89	1,213.61	2,048.58	2,259.96	2,210.82	49.15	45.985		
8,000.00	6,989.36	6,762.06	6,553.54	31.77	21.26	-78.84	1,205.36	2,065.72	2,256.13	2,206.01	50.13	45.009		
8,050.51	6,989.09	6,744.38	6,537.23	32.41	21.24	-78.42	1,202.03	2,071.69	2,255.63	2,205.00	50.63	44.551		
8,100.00	6,988.83	6,729.40	6,523.30	33.04	21.22	-78.06	1,199.19	2,076.39	2,256.12	2,205.00	51.12	44.137		
8,200.00	6,988.30	6,704.62	6,500.02	34.34	21.20	-77.45	1,194.44	2,083.42	2,260.15	2,208.04	52.11	43.377		
8,300.00	6,987.77	6,685.23	6,481.62	35.68	21.17	-76.98	1,190.68	2,088.28	2,268.32	2,215.24	53.08	42.735		
8,400.00	6,987.24	6,669.66	6,466.75	37.05	21.15	-76.59	1,187.65	2,091.76	2,280.66	2,226.63	54.03	42.213		
8,500.00	6,986.71	6,650.00	6,447.87	38.44	21.12	-76.11	1,183.80	2,095.63	2,297.18	2,242.27	54.91	41.837		
8,600.00	6,986.18	6,650.00	6,447.87	39.85	21.12	-76.11	1,183.80	2,095.63	2,317.77	2,261.93	55.84	41.509		
8,700.00	6,985.65	6,637.27	6,435.58	41.29	21.09	-75.79	1,181.30	2,097.82	2,342.38	2,285.74	56.64	41.355		
8,800.00	6,985.12	6,629.56	6,428.12	42.74	21.08	-75.60	1,179.78	2,099.02	2,370.90	2,313.49	57.41	41.296 SF		
8,900.00	6,984.59	6,622.88	6,421.64	44.21	21.07	-75.43	1,178.46	2,099.98	2,403.21	2,345.08	58.13	41.343		
9,000.00	6,984.06	6,617.04	6,415.97	45.69	21.06	-75.28	1,177.31	2,100.77	2,439.15	2,380.36	58.79	41.489		
9,100.00	6,983.53	6,600.00	6,399.39	47.19	21.03	-74.85	1,173.93	2,102.77	2,478.65	2,419.34	59.32	41.787		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.18	-3.62	1,139.81	1,139.81					
100.00	100.00	102.00	102.00	3.28	3.28	90.18	-3.62	1,139.81	1,139.81	1,132.29	7.53	151.388		
200.00	200.00	202.00	202.00	3.31	3.31	90.18	-3.62	1,139.81	1,139.81	1,132.24	7.57	150.479		
300.00	299.98	282.24	282.23	3.35	3.34	-45.92	-2.68	1,140.52	1,139.48	1,131.83	7.65	148.987		
400.00	399.84	362.61	362.52	3.41	3.39	-46.23	0.06	1,142.60	1,138.44	1,130.69	7.75	146.847		
500.00	499.45	442.45	442.16	3.49	3.46	-46.73	4.55	1,146.01	1,136.76	1,128.87	7.89	144.004		
600.00	598.70	521.52	520.85	3.61	3.54	-47.42	10.74	1,150.71	1,134.57	1,126.50	8.08	140.494		
700.00	697.47	600.00	598.70	3.76	3.63	-48.30	18.59	1,156.66	1,132.03	1,123.73	8.30	136.355		
800.00	795.62	676.40	674.21	3.96	3.74	-49.34	27.86	1,163.70	1,129.35	1,120.77	8.58	131.649		
900.00	893.37	752.04	748.63	4.21	3.87	-50.47	38.62	1,171.87	1,127.67	1,118.77	8.91	126.630		
917.73	910.70	765.36	761.69	4.25	3.90	-50.68	40.68	1,173.43	1,127.64	1,118.67	8.97	125.741	CC, ES	
1,000.00	991.11	826.77	821.78	4.48	4.03	-51.66	50.78	1,181.09	1,128.50	1,119.23	9.27	121.680		
1,100.00	1,088.85	900.00	893.06	4.78	4.20	-52.88	64.17	1,191.25	1,131.96	1,122.28	9.68	116.946		
1,200.00	1,186.59	973.19	963.84	5.10	4.40	-54.15	78.99	1,202.51	1,138.14	1,128.01	10.12	112.428		
1,300.00	1,284.33	1,064.46	1,051.75	5.44	4.68	-55.77	98.54	1,217.34	1,146.41	1,135.75	10.67	107.460		
1,400.00	1,382.08	1,157.73	1,141.58	5.80	4.99	-57.40	118.52	1,232.50	1,155.76	1,144.51	11.25	102.714		
1,500.00	1,479.82	1,251.00	1,231.42	6.16	5.33	-59.01	138.50	1,247.67	1,166.15	1,154.29	11.86	98.301		
1,600.00	1,577.56	1,344.27	1,321.25	6.54	5.68	-60.59	158.48	1,262.83	1,177.56	1,165.06	12.49	94.252		
1,700.00	1,675.30	1,437.55	1,411.09	6.92	6.05	-62.14	178.46	1,278.00	1,189.94	1,176.80	13.14	90.552		
1,800.00	1,773.04	1,530.82	1,500.93	7.31	6.42	-63.66	198.44	1,293.16	1,203.29	1,189.48	13.80	87.171		
1,900.00	1,870.78	1,624.09	1,590.76	7.53	6.81	-65.16	218.42	1,308.32	1,217.55	1,203.46	14.09	86.401		
2,000.00	1,968.53	1,717.36	1,680.60	7.58	7.21	-66.62	238.40	1,323.49	1,232.70	1,218.27	14.44	85.395		
2,100.00	2,066.27	1,810.63	1,770.43	7.65	7.59	-68.05	258.37	1,338.65	1,248.71	1,233.93	14.78	84.474		
2,200.00	2,164.01	1,903.90	1,860.27	7.74	7.82	-69.44	278.35	1,353.82	1,265.55	1,250.71	14.84	85.255		
2,300.00	2,261.75	2,002.83	1,950.10	7.84	7.88	-70.80	298.33	1,368.98	1,283.18	1,268.22	14.96	85.793		
2,400.00	2,359.49	2,090.45	2,039.94	7.96	7.95	-72.13	318.31	1,384.14	1,301.57	1,286.46	15.10	86.174		
2,500.00	2,457.23	2,183.72	2,129.77	8.10	8.05	-73.42	338.29	1,399.31	1,320.69	1,305.40	15.29	86.403		
2,600.00	2,554.98	2,276.99	2,219.61	8.26	8.17	-74.68	358.27	1,414.47	1,340.50	1,325.01	15.50	86.500		
2,700.00	2,652.72	2,370.26	2,309.44	8.42	8.30	-75.91	378.25	1,429.64	1,360.99	1,345.25	15.74	86.475		
2,800.00	2,750.46	2,463.53	2,399.28	8.61	8.44	-77.10	398.23	1,444.80	1,382.11	1,366.10	16.01	86.340		
2,900.00	2,848.20	2,556.80	2,489.12	8.80	8.60	-78.26	418.21	1,459.96	1,403.84	1,387.53	16.30	86.107		
3,000.00	2,945.94	2,650.07	2,578.95	9.01	8.77	-79.39	438.19	1,475.13	1,426.15	1,409.52	16.62	85.787		
3,100.00	3,043.68	2,743.35	2,668.79	9.22	8.95	-80.48	458.17	1,490.29	1,449.01	1,432.04	16.97	85.392		
3,200.00	3,141.43	2,836.62	2,758.62	9.45	9.15	-81.54	478.15	1,505.46	1,472.41	1,455.07	17.34	84.935		
3,300.00	3,239.17	2,929.89	2,848.46	9.69	9.36	-82.57	498.13	1,520.62	1,496.30	1,478.58	17.72	84.427		
3,400.00	3,336.91	3,023.16	2,938.29	9.93	9.58	-83.58	518.11	1,535.78	1,520.68	1,502.55	18.13	83.877		
3,500.00	3,434.65	3,116.43	3,028.13	10.19	9.80	-84.55	538.09	1,550.95	1,545.51	1,526.96	18.55	83.294		
3,600.00	3,532.39	3,209.70	3,117.96	10.45	10.04	-85.49	558.07	1,566.11	1,570.78	1,551.78	19.00	82.688		
3,700.00	3,630.13	3,302.97	3,207.80	10.72	10.29	-86.40	578.05	1,581.28	1,596.46	1,577.01	19.45	82.064		
3,800.00	3,727.87	3,396.24	3,297.64	11.00	10.54	-87.29	598.03	1,596.44	1,622.54	1,602.62	19.93	81.428		
3,900.00	3,825.62	3,489.52	3,387.47	11.28	10.80	-88.15	618.01	1,611.60	1,649.00	1,628.58	20.41	80.786		
4,000.00	3,923.36	3,582.79	3,477.31	11.57	11.07	-88.99	637.99	1,626.77	1,675.81	1,654.90	20.91	80.143		
4,100.00	4,021.10	3,676.06	3,567.14	11.86	11.34	-89.80	657.97	1,641.93	1,702.96	1,681.54	21.42	79.503		
4,200.00	4,118.84	3,769.33	3,656.98	12.16	11.62	-90.58	677.95	1,657.09	1,730.44	1,708.50	21.94	78.870		
4,300.00	4,216.58	3,862.60	3,746.81	12.46	11.91	-91.35	697.93	1,672.26	1,758.23	1,735.76	22.47	78.245		
4,400.00	4,314.32	3,955.87	3,836.65	12.77	12.20	-92.09	717.91	1,687.42	1,786.32	1,763.31	23.01	77.630		
4,500.00	4,412.07	4,049.14	3,926.48	13.08	12.49	-92.81	737.89	1,702.59	1,814.69	1,791.13	23.56	77.028		
4,600.00	4,509.81	4,142.42	4,016.32	13.39	12.79	-93.50	757.87	1,717.75	1,843.32	1,819.21	24.12	76.438		
4,700.00	4,607.55	4,235.69	4,106.15	13.71	13.09	-94.18	777.85	1,732.91	1,872.22	1,847.54	24.68	75.863		
4,800.00	4,705.29	4,328.96	4,195.99	14.03	13.40	-94.84	797.83	1,748.08	1,901.36	1,876.11	25.25	75.303		
4,900.00	4,803.03	4,422.23	4,285.83	14.35	13.71	-95.48	817.81	1,763.24	1,930.73	1,904.90	25.83	74.758		
5,000.00	4,900.77	4,515.50	4,375.66	14.68	14.02	-96.10	837.79	1,778.41	1,960.32	1,933.91	26.41	74.228		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.52	4,608.77	4,465.50	15.01	14.34	-96.70	857.77	1,793.57	1,990.13	1,963.13	27.00	73.714		
5,200.00	5,096.26	4,702.04	4,555.33	15.34	14.66	-97.29	877.75	1,808.73	2,020.14	1,992.55	27.59	73.215		
5,300.00	5,194.00	4,804.68	4,645.17	15.67	15.02	-97.86	897.72	1,823.90	2,050.35	2,022.13	28.22	72.656		
5,400.00	5,291.74	4,888.59	4,735.00	16.01	15.31	-98.41	917.70	1,839.06	2,080.75	2,051.95	28.79	72.261		
5,500.00	5,389.48	4,981.86	4,824.84	16.35	15.64	-98.95	937.68	1,854.23	2,111.32	2,081.92	29.40	71.807		
5,600.00	5,487.22	5,075.13	4,914.67	16.69	15.97	-99.47	957.66	1,869.39	2,142.06	2,112.05	30.01	71.367		
5,700.00	5,584.96	5,168.40	5,004.51	17.03	16.30	-99.98	977.64	1,884.55	2,172.97	2,142.34	30.63	70.941		
5,800.00	5,682.71	5,261.67	5,094.35	17.37	16.63	-100.47	997.62	1,899.72	2,204.03	2,172.78	31.25	70.529		
5,900.00	5,780.45	5,354.94	5,184.18	17.72	16.97	-100.96	1,017.60	1,914.88	2,235.24	2,203.37	31.87	70.130		
6,000.00	5,878.19	5,448.22	5,274.02	18.06	17.31	-101.42	1,037.58	1,930.05	2,266.60	2,234.10	32.50	69.743		
6,100.00	5,975.93	5,541.49	5,363.85	18.41	17.65	-101.88	1,057.56	1,945.21	2,298.10	2,264.97	33.13	69.370		
6,200.00	6,073.67	5,634.76	5,453.69	18.76	17.99	-102.33	1,077.54	1,960.37	2,329.72	2,295.96	33.76	69.008		
6,300.00	6,171.41	5,728.03	5,543.52	19.11	18.33	-102.76	1,097.52	1,975.54	2,361.48	2,327.08	34.40	68.657		
6,400.00	6,269.16	5,821.30	5,633.36	19.46	18.67	-103.18	1,117.50	1,990.70	2,393.36	2,358.32	35.03	68.318		
6,500.00	6,366.90	5,914.57	5,723.19	19.81	19.02	-103.59	1,137.48	2,005.87	2,425.35	2,389.68	35.67	67.989		
6,600.00	6,464.63	6,009.32	5,813.02	20.17	19.37	-104.00	1,157.46	2,021.04	2,457.34	2,421.01	36.31	67.661		
6,700.00	6,562.37	6,103.07	5,901.85	20.52	19.72	-104.41	1,177.44	2,036.21	2,489.33	2,446.99	36.95	67.333		
6,800.00	6,660.11	6,196.82	5,990.28	20.87	20.07	-104.82	1,197.42	2,051.08	2,521.32	2,472.98	37.59	67.005		
6,900.00	6,757.85	6,290.57	6,078.71	21.22	20.42	-105.23	1,217.40	2,065.95	2,553.31	2,495.97	38.23	66.677		
7,000.00	6,855.59	6,384.32	6,167.14	21.57	20.77	-105.64	1,237.38	2,080.82	2,585.30	2,518.96	38.87	66.349		
7,100.00	6,953.33	6,477.97	6,255.57	21.92	21.12	-106.05	1,257.36	2,095.69	2,617.29	2,541.95	39.51	66.021		
7,200.00	7,051.07	6,571.72	6,344.00	22.27	21.47	-106.46	1,277.34	2,110.56	2,649.28	2,564.94	40.15	65.693		
7,300.00	7,148.81	6,665.47	6,432.43	22.62	21.82	-106.87	1,297.32	2,125.43	2,681.27	2,587.93	40.79	65.365		
7,400.00	7,246.55	6,759.22	6,520.86	22.97	22.17	-107.28	1,317.30	2,140.30	2,713.26	2,610.92	41.43	65.037		
7,500.00	7,344.29	6,852.97	6,609.29	23.32	22.52	-107.69	1,337.28	2,155.17	2,745.25	2,633.91	42.07	64.709		
7,600.00	7,442.03	6,946.72	6,697.72	23.67	22.87	-108.10	1,357.26	2,170.04	2,777.24	2,656.90	42.71	64.381		
7,700.00	7,539.77	7,040.47	6,786.15	24.02	23.22	-108.51	1,377.24	2,184.91	2,809.23	2,679.89	43.35	64.053		
7,800.00	7,637.51	7,134.22	6,874.58	24.37	23.57	-108.92	1,397.22	2,199.78	2,841.22	2,702.88	43.99	63.725		
7,900.00	7,735.25	7,227.97	6,963.01	24.72	23.92	-109.33	1,417.20	2,214.65	2,873.21	2,725.87	44.63	63.397		
8,000.00	7,832.99	7,321.72	7,051.44	25.07	24.27	-109.74	1,437.18	2,229.52	2,905.20	2,748.86	45.27	63.069		
8,100.00	7,930.73	7,415.47	7,139.87	25.42	24.62	-110.15	1,457.16	2,244.39	2,937.19	2,771.85	45.91	62.741		
8,200.00	8,028.47	7,509.22	7,228.30	25.77	24.97	-110.56	1,477.14	2,259.26	2,969.18	2,794.84	46.55	62.413		
8,300.00	8,126.21	7,602.97	7,316.73	26.12	25.32	-110.97	1,497.12	2,274.13	2,999.17	2,817.83	47.19	62.085		
8,400.00	8,223.95	7,696.72	7,405.16	26.47	25.67	-111.38	1,517.10	2,289.00	3,029.16	2,840.82	47.83	61.757		
8,500.00	8,321.69	7,790.47	7,493.59	26.82	26.02	-111.79	1,537.08	2,303.87	3,059.15	2,863.81	48.47	61.429		
8,600.00	8,419.43	7,884.22	7,582.02	27.17	26.37	-112.20	1,557.06	2,318.74	3,089.14	2,886.80	49.11	61.101		
8,700.00	8,517.17	7,977.97	7,670.45	27.52	26.72	-112.61	1,577.04	2,333.61	3,119.13	2,909.79	49.75	60.773		
8,800.00	8,614.91	8,071.72	7,758.88	27.87	27.07	-113.02	1,597.02	2,348.48	3,149.12	2,932.78	50.39	60.445		
8,900.00	8,712.65	8,165.47	7,847.31	28.22	27.42	-113.43	1,617.00	2,363.35	3,179.11	2,955.77	51.03	60.117		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.16	-2.89	1,019.81	1,019.82						
100.00	100.00	100.00	100.00	3.28	3.28	90.16	-2.89	1,019.81	1,019.82	1,012.29	7.53	135.455			
200.00	200.00	200.00	200.00	3.31	3.31	90.16	-2.89	1,019.81	1,019.82	1,012.24	7.57	134.649			
300.00	299.98	287.51	287.51	3.35	3.34	-45.91	-2.81	1,020.04	1,018.91	1,011.26	7.65	133.171			
400.00	399.84	362.48	362.45	3.41	3.39	-46.13	-2.11	1,021.88	1,017.72	1,009.97	7.75	131.319			
500.00	499.45	437.25	437.12	3.49	3.44	-46.49	-0.72	1,025.53	1,016.60	1,008.72	7.88	128.986			
600.00	598.70	511.73	511.36	3.61	3.52	-46.99	1.35	1,030.98	1,015.60	1,007.56	8.05	126.183			
700.00	697.47	585.79	585.03	3.76	3.60	-47.62	4.08	1,038.19	1,014.83	1,006.57	8.26	122.917			
800.00	795.62	659.35	657.96	3.96	3.70	-48.39	7.47	1,047.11	1,014.38	1,005.87	8.51	119.212			
809.42	804.84	666.25	664.79	3.99	3.71	-48.47	7.82	1,048.03	1,014.37	1,005.83	8.54	118.839	CC, ES		
900.00	893.37	732.45	730.17	4.21	3.81	-49.24	11.49	1,057.70	1,015.32	1,006.51	8.81	115.299			
1,000.00	991.11	824.53	820.86	4.48	3.98	-50.33	17.14	1,072.58	1,018.35	1,009.16	9.19	110.771			
1,100.00	1,088.85	922.23	917.09	4.78	4.19	-51.49	23.15	1,088.41	1,021.88	1,012.24	9.64	106.030			
1,200.00	1,186.59	1,019.94	1,013.32	5.10	4.42	-52.63	29.16	1,104.24	1,025.83	1,015.71	10.12	101.367			
1,300.00	1,284.33	1,117.64	1,109.55	5.44	4.67	-53.77	35.17	1,120.07	1,030.22	1,019.58	10.64	96.867			
1,400.00	1,382.08	1,215.35	1,205.77	5.80	4.94	-54.90	41.18	1,135.90	1,035.02	1,023.84	11.18	92.584			
1,500.00	1,479.82	1,313.05	1,302.00	6.16	5.21	-56.01	47.20	1,151.73	1,040.23	1,028.48	11.75	88.540			
1,600.00	1,577.56	1,410.76	1,398.23	6.54	5.50	-57.12	53.21	1,167.56	1,045.86	1,033.52	12.34	84.773			
1,700.00	1,675.30	1,508.47	1,494.46	6.92	5.80	-58.21	59.22	1,183.39	1,051.88	1,038.94	12.95	81.248			
1,800.00	1,773.04	1,606.17	1,590.68	7.31	6.11	-59.30	65.23	1,199.22	1,058.30	1,044.73	13.57	77.799			
1,900.00	1,870.78	1,703.88	1,686.91	7.53	6.42	-60.37	71.24	1,215.05	1,065.11	1,051.28	13.83	77.025			
2,000.00	1,968.53	1,801.58	1,783.14	7.58	6.74	-61.42	77.25	1,230.88	1,072.29	1,058.15	14.14	75.818			
2,100.00	2,066.27	1,900.71	1,879.36	7.65	6.92	-62.46	83.26	1,246.71	1,079.85	1,065.67	14.18	76.148			
2,200.00	2,164.01	1,997.00	1,975.59	7.74	6.95	-63.49	89.27	1,262.54	1,087.78	1,073.48	14.30	76.094			
2,300.00	2,261.75	2,105.30	2,071.82	7.84	7.01	-64.50	95.28	1,278.37	1,096.06	1,081.61	14.45	75.869			
2,400.00	2,359.49	2,192.41	2,168.05	7.96	7.08	-65.50	101.29	1,294.20	1,104.69	1,090.06	14.62	75.549			
2,500.00	2,457.23	2,309.89	2,264.27	8.10	7.18	-66.48	107.30	1,310.03	1,113.65	1,098.81	14.85	75.010			
2,600.00	2,554.98	2,387.82	2,360.50	8.26	7.26	-67.45	113.31	1,325.86	1,122.96	1,107.88	15.07	74.497			
2,700.00	2,652.72	2,485.52	2,456.73	8.42	7.37	-68.40	119.33	1,341.69	1,132.58	1,117.24	15.34	73.817			
2,800.00	2,750.46	2,583.23	2,552.96	8.61	7.49	-69.34	125.34	1,357.52	1,142.52	1,126.88	15.64	73.053			
2,900.00	2,848.20	2,680.94	2,649.18	8.80	7.63	-70.26	131.35	1,373.35	1,152.77	1,136.81	15.96	72.220			
3,000.00	2,945.94	2,778.64	2,745.41	9.01	7.77	-71.16	137.36	1,389.18	1,163.32	1,147.01	16.31	71.332			
3,100.00	3,043.68	2,876.35	2,841.64	9.22	7.93	-72.05	143.37	1,405.01	1,174.16	1,157.48	16.68	70.403			
3,200.00	3,141.43	2,974.05	2,937.87	9.45	8.10	-72.93	149.38	1,420.84	1,185.28	1,168.22	17.07	69.445			
3,300.00	3,239.17	3,071.76	3,034.09	9.69	8.28	-73.78	155.39	1,436.67	1,196.68	1,179.21	17.48	68.467			
3,400.00	3,336.91	3,169.47	3,130.32	9.93	8.47	-74.62	161.40	1,452.50	1,208.35	1,190.44	17.91	67.480			
3,500.00	3,434.65	3,267.17	3,226.55	10.19	8.66	-75.45	167.41	1,468.33	1,220.28	1,201.93	18.35	66.491			
3,600.00	3,532.39	3,364.88	3,322.77	10.45	8.87	-76.26	173.42	1,484.16	1,232.46	1,213.64	18.81	65.506			
3,700.00	3,630.13	3,462.58	3,419.00	10.72	9.08	-77.05	179.43	1,499.99	1,244.88	1,225.59	19.29	64.533			
3,800.00	3,727.87	3,560.29	3,515.23	11.00	9.30	-77.83	185.45	1,515.82	1,257.55	1,237.77	19.78	63.574			
3,900.00	3,825.62	3,657.99	3,611.46	11.28	9.52	-78.59	191.46	1,531.65	1,270.44	1,250.16	20.28	62.634			
4,000.00	3,923.36	3,755.70	3,707.68	11.57	9.75	-79.34	197.47	1,547.48	1,283.56	1,262.76	20.80	61.716			
4,100.00	4,021.10	3,853.41	3,803.91	11.86	9.99	-80.08	203.48	1,563.31	1,296.90	1,275.57	21.32	60.821			
4,200.00	4,118.84	3,951.11	3,900.14	12.16	10.23	-80.80	209.49	1,579.14	1,310.44	1,288.58	21.86	59.952			
4,300.00	4,216.58	4,048.82	3,996.37	12.46	10.47	-81.50	215.50	1,594.97	1,324.19	1,301.79	22.40	59.109			
4,400.00	4,314.32	4,146.52	4,092.59	12.77	10.73	-82.19	221.51	1,610.80	1,338.14	1,315.18	22.96	58.293			
4,500.00	4,412.07	4,244.23	4,188.82	13.08	10.98	-82.87	227.52	1,626.63	1,352.28	1,328.76	23.52	57.505			
4,600.00	4,509.81	4,341.93	4,285.05	13.39	11.24	-83.53	233.53	1,642.46	1,366.60	1,342.52	24.08	56.743			
4,700.00	4,607.55	4,439.64	4,381.28	13.71	11.50	-84.18	239.54	1,658.29	1,381.10	1,356.45	24.66	56.009			
4,800.00	4,705.29	4,537.35	4,477.50	14.03	11.77	-84.81	245.55	1,674.12	1,395.78	1,370.54	25.24	55.301			
4,900.00	4,803.03	4,635.05	4,573.73	14.35	12.04	-85.44	251.56	1,689.95	1,410.63	1,384.80	25.83	54.619			
5,000.00	4,900.77	4,732.76	4,669.96	14.68	12.31	-86.05	257.58	1,705.78	1,425.64	1,399.22	26.42	53.963			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	4,998.52	4,830.46	4,766.18	15.01	12.58	-86.64	263.59	1,721.61	1,440.81	1,413.79	27.02	53.331		
5,200.00	5,096.26	4,928.17	4,862.41	15.34	12.86	-87.23	269.60	1,737.44	1,456.13	1,428.52	27.62	52.723		
5,300.00	5,194.00	5,025.88	4,958.64	15.67	13.14	-87.80	275.61	1,753.27	1,471.61	1,443.38	28.22	52.139		
5,400.00	5,291.74	5,123.58	5,054.87	16.01	13.42	-88.37	281.62	1,769.10	1,487.22	1,458.39	28.84	51.577		
5,500.00	5,389.48	5,221.29	5,151.09	16.35	13.71	-88.92	287.63	1,784.93	1,502.98	1,473.53	29.45	51.036		
5,600.00	5,487.22	5,318.99	5,247.32	16.69	13.99	-89.45	293.64	1,800.76	1,518.87	1,488.80	30.07	50.517		
5,700.00	5,584.96	5,416.70	5,343.55	17.03	14.28	-89.98	299.65	1,816.59	1,534.89	1,504.20	30.69	50.017		
5,800.00	5,682.71	5,514.40	5,439.78	17.37	14.57	-90.50	305.66	1,832.42	1,551.04	1,519.72	31.31	49.536		
5,900.00	5,780.45	5,612.11	5,536.00	17.72	14.86	-91.01	311.67	1,848.25	1,567.31	1,535.37	31.94	49.073		
6,000.00	5,878.19	5,709.82	5,632.23	18.06	15.15	-91.50	317.68	1,864.08	1,583.70	1,551.13	32.57	48.628		
6,100.00	5,975.93	5,807.52	5,728.46	18.41	15.45	-91.99	323.70	1,879.91	1,600.20	1,567.00	33.20	48.199		
6,200.00	6,073.67	5,905.23	5,824.69	18.76	15.75	-92.47	329.71	1,895.74	1,616.82	1,582.99	33.83	47.787		
6,300.00	6,171.41	6,002.93	5,920.91	19.11	16.04	-92.93	335.72	1,911.57	1,633.55	1,599.08	34.47	47.389		
6,400.00	6,269.16	6,100.64	6,017.14	19.46	16.34	-93.39	341.73	1,927.40	1,650.38	1,615.27	35.11	47.007		
6,500.00	6,366.90	6,287.91	6,281.36	19.81	23.15	-141.62	425.92	1,855.29	1,620.36	1,582.45	37.92	42.734		
6,600.00	6,464.63	6,270.16	6,281.90	20.17	22.98	-138.52	425.89	873.03	1,580.48	1,541.84	38.63	40.909		
6,700.00	6,560.49	6,243.38	6,282.72	20.55	22.72	-123.20	425.83	899.79	1,546.56	1,507.28	39.28	39.368		
6,800.00	6,651.48	6,201.88	6,283.98	21.01	22.33	-116.64	425.74	941.27	1,519.48	1,479.64	39.84	38.144		
6,900.00	6,735.38	6,146.68	6,285.66	21.54	21.85	-112.72	425.62	996.45	1,499.11	1,458.78	40.33	37.175		
7,000.00	6,810.10	6,079.13	6,287.71	22.15	21.28	-109.73	425.47	1,063.97	1,484.80	1,444.05	40.75	36.437		
7,100.00	6,873.81	6,000.90	6,290.09	22.82	20.68	-107.18	425.30	1,142.17	1,475.51	1,434.35	41.16	35.848		
7,200.00	6,924.94	5,913.91	6,292.74	23.57	20.11	-105.05	425.12	1,229.11	1,470.04	1,428.41	41.63	35.315		
7,300.00	6,962.24	5,820.31	6,295.59	24.38	19.59	-103.44	424.91	1,322.67	1,467.20	1,425.02	42.18	34.783		
7,400.00	6,984.78	5,735.55	6,286.25	25.26	18.88	-101.49	423.57	1,506.71	1,464.51	1,421.65	42.86	34.171		
7,500.07	6,992.00	5,700.07	6,196.58	26.19	18.53	-98.21	416.99	1,731.95	1,454.57	1,410.47	44.10	32.981		
7,600.00	6,991.48	5,725.80	6,108.64	27.18	18.46	-94.77	410.99	1,841.19	1,440.18	1,394.92	45.27	31.816		
7,700.00	6,990.95	5,714.33	6,106.22	28.24	18.48	-91.47	405.51	1,910.05	1,425.95	1,379.54	46.41	30.728		
7,800.00	6,990.42	5,707.15	6,094.28	29.37	18.49	-88.96	401.44	1,948.36	1,414.94	1,367.53	47.42	29.841		
7,900.00	6,989.89	5,701.86	6,091.15	30.54	18.49	-87.09	398.44	1,970.99	1,408.84	1,360.51	48.33	29.150		
7,955.42	6,989.59	6,996.37	6,897.63	31.22	18.49	-86.25	397.11	1,979.62	1,407.92	1,359.11	48.81	28.848		
8,000.00	6,989.36	6,980.85	6,883.18	31.77	18.48	-85.67	396.17	1,985.19	1,408.53	1,359.37	49.16	28.654		
8,100.00	6,988.83	6,952.09	6,856.06	33.04	18.48	-84.56	394.42	1,994.59	1,414.47	1,364.58	49.89	28.351		
8,200.00	6,988.30	6,929.56	6,834.53	34.34	18.46	-83.69	393.03	2,001.08	1,426.85	1,376.33	50.53	28.240 SF		
8,300.00	6,987.77	6,911.48	6,817.10	35.68	18.45	-82.98	391.91	2,005.74	1,445.67	1,394.61	51.06	28.315		
8,400.00	6,987.24	6,900.00	6,805.96	37.05	18.45	-82.53	391.20	2,008.44	1,470.79	1,419.29	51.49	28.562		
8,500.00	6,986.71	6,884.34	6,790.69	38.44	18.43	-81.91	390.22	2,011.80	1,501.94	1,450.14	51.80	28.994		
8,600.00	6,986.18	6,873.90	6,780.48	39.85	18.42	-81.50	389.57	2,013.83	1,538.82	1,486.80	52.03	29.577		
8,700.00	6,985.65	6,864.97	6,771.71	41.29	18.41	-81.14	389.01	2,015.43	1,581.06	1,528.89	52.17	30.307		
8,800.00	6,985.12	6,850.00	6,756.97	42.74	18.40	-80.55	388.07	2,017.84	1,628.30	1,576.10	52.20	31.195		
8,900.00	6,984.59	6,850.00	6,756.97	44.21	18.40	-80.55	388.07	2,017.84	1,680.03	1,627.79	52.23	32.164		
9,000.00	6,984.06	6,850.00	6,756.97	45.69	18.40	-80.55	388.07	2,017.84	1,735.98	1,683.76	52.21	33.248		
9,100.00	6,983.53	6,850.00	6,756.97	47.19	18.40	-80.55	388.07	2,017.84	1,795.76	1,743.61	52.15	34.435		
9,200.00	6,983.00	6,834.54	6,741.68	48.70	18.38	-79.93	387.10	2,019.96	1,858.81	1,806.84	51.97	35.767		
9,300.00	6,982.47	6,830.30	6,737.48	50.22	18.38	-79.76	386.83	2,020.48	1,925.04	1,873.22	51.82	37.146		
9,400.00	6,981.94	6,826.46	6,733.68	51.74	18.37	-79.61	386.59	2,020.92	1,994.07	1,942.41	51.66	38.599		
9,500.00	6,981.41	6,822.99	6,730.23	53.28	18.37	-79.47	386.37	2,021.31	2,065.62	2,014.13	51.49	40.117		
9,600.00	6,980.88	6,819.81	6,727.08	54.83	18.37	-79.34	386.17	2,021.64	2,139.42	2,088.11	51.31	41.694		
9,700.00	6,980.35	6,816.91	6,724.20	56.38	18.36	-79.23	385.98	2,021.93	2,215.27	2,164.14	51.13	43.324		
9,800.00	6,979.82	6,800.00	6,707.39	57.94	18.34	-78.55	384.92	2,023.36	2,293.13	2,242.26	50.88	45.072		
9,900.00	6,979.29	6,800.00	6,707.39	59.51	18.34	-78.55	384.92	2,023.36	2,372.43	2,321.72	50.72	46.778		
10,000.00	6,978.76	6,800.00	6,707.39	61.08	18.34	-78.55	384.92	2,023.36	2,453.24	2,402.68	50.56	48.522		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.15	-2.53	979.72	979.73					
100.00	100.00	100.00	100.00	3.28	3.28	90.15	-2.53	979.72	979.73	972.20	7.53	130.130		
200.00	200.00	200.00	200.00	3.31	3.31	90.15	-2.53	979.72	979.73	972.15	7.57	129.356		
300.00	299.98	300.02	299.98	3.35	3.35	-45.94	-2.53	979.72	978.51	970.85	7.66	127.756		
400.00	399.84	400.16	399.84	3.41	3.42	-46.22	-2.53	979.72	974.88	967.09	7.79	125.208		
500.00	499.45	500.55	499.45	3.49	3.50	-46.68	-2.53	979.72	968.86	960.90	7.96	121.721		
600.00	598.70	601.30	598.70	3.61	3.61	-47.32	-2.53	979.72	960.52	952.33	8.18	117.399		
700.00	697.47	702.53	697.47	3.76	3.74	-48.17	-2.53	979.72	949.93	941.47	8.45	112.358		
800.00	795.62	795.62	795.62	3.96	3.87	-49.23	-2.53	979.72	937.20	928.43	8.77	106.882		
900.00	893.37	870.60	870.59	4.21	3.97	-50.00	-2.48	980.59	924.52	915.43	9.09	101.720		
1,000.00	991.11	944.93	944.87	4.48	4.08	-50.75	-2.32	983.38	914.65	905.21	9.44	96.933		
1,100.00	1,088.85	1,019.61	1,019.40	4.78	4.20	-51.52	-2.04	988.12	907.61	897.80	9.81	92.510		
1,200.00	1,186.59	1,094.54	1,094.02	5.10	4.33	-52.29	-1.65	994.83	903.44	893.23	10.21	88.455		
1,295.36	1,279.80	1,166.13	1,165.13	5.43	4.46	-53.03	-1.16	1,003.05	902.14	891.52	10.62	84.943 CC		
1,300.00	1,284.33	1,169.62	1,168.59	5.44	4.47	-53.06	-1.14	1,003.49	902.14	891.50	10.64	84.783 ES		
1,400.00	1,382.08	1,244.73	1,242.95	5.80	4.62	-53.82	-0.52	1,014.12	903.71	892.62	11.09	81.508		
1,500.00	1,479.82	1,319.79	1,316.94	6.16	4.79	-54.57	0.22	1,026.67	908.12	896.57	11.55	78.624		
1,600.00	1,577.56	1,410.11	1,405.65	6.54	5.01	-55.44	1.21	1,043.63	914.83	902.75	12.08	75.704		
1,700.00	1,675.30	1,508.69	1,502.45	6.92	5.27	-56.38	2.30	1,062.28	921.95	909.28	12.67	72.767		
1,800.00	1,773.04	1,607.27	1,599.24	7.31	5.54	-57.31	3.40	1,080.92	929.32	916.04	13.28	69.999		
1,900.00	1,870.78	1,705.85	1,696.04	7.53	5.83	-58.22	4.49	1,099.56	936.92	923.41	13.52	69.308		
2,000.00	1,968.53	1,804.43	1,792.83	7.58	6.13	-59.12	5.58	1,118.20	944.77	930.95	13.82	68.368		
2,100.00	2,066.27	1,903.01	1,889.63	7.65	6.30	-60.00	6.67	1,136.85	952.85	939.00	13.85	68.789		
2,200.00	2,164.01	2,001.59	1,986.42	7.74	6.33	-60.87	7.76	1,155.49	961.15	947.19	13.97	68.803		
2,300.00	2,261.75	2,100.17	2,083.21	7.84	6.39	-61.72	8.86	1,174.13	969.68	955.56	14.12	68.659		
2,400.00	2,359.49	2,198.75	2,180.01	7.96	6.46	-62.56	9.95	1,192.77	978.42	964.11	14.31	68.367		
2,500.00	2,457.23	2,302.67	2,276.80	8.10	6.56	-63.38	11.04	1,211.42	987.36	972.83	14.54	67.920		
2,600.00	2,554.98	2,404.09	2,373.60	8.26	6.67	-64.19	12.13	1,230.06	996.51	981.72	14.79	67.358		
2,700.00	2,652.72	2,505.51	2,470.39	8.42	6.81	-64.98	13.22	1,248.70	1,005.86	990.78	15.08	66.689		
2,800.00	2,750.46	2,606.93	2,567.19	8.61	6.95	-65.76	14.32	1,267.35	1,015.40	1,000.00	15.40	65.930		
2,900.00	2,848.20	2,691.65	2,663.98	8.80	7.09	-66.53	15.41	1,285.99	1,025.12	1,009.40	15.72	65.195		
3,000.00	2,945.94	2,809.77	2,760.78	9.01	7.29	-67.28	16.50	1,304.63	1,035.03	1,018.91	16.12	64.208		
3,100.00	3,043.68	2,888.81	2,857.57	9.22	7.44	-68.02	17.59	1,323.27	1,045.11	1,028.63	16.48	63.418		
3,200.00	3,141.43	2,987.39	2,954.37	9.45	7.63	-68.74	18.68	1,341.92	1,055.36	1,038.47	16.89	62.477		
3,300.00	3,239.17	3,085.97	3,051.16	9.69	7.83	-69.45	19.78	1,360.56	1,065.78	1,048.46	17.33	61.516		
3,400.00	3,336.91	3,184.54	3,147.95	9.93	8.04	-70.15	20.87	1,379.20	1,076.36	1,058.58	17.78	60.545		
3,500.00	3,434.65	3,283.12	3,244.75	10.19	8.27	-70.83	21.96	1,397.85	1,087.10	1,068.85	18.25	59.577		
3,600.00	3,532.39	3,381.70	3,341.54	10.45	8.50	-71.50	23.05	1,416.49	1,097.99	1,079.25	18.73	58.608		
3,700.00	3,630.13	3,480.28	3,438.34	10.72	8.74	-72.15	24.14	1,435.13	1,109.02	1,089.79	19.24	57.651		
3,800.00	3,727.87	3,578.86	3,535.13	11.00	8.98	-72.80	25.24	1,453.77	1,120.20	1,100.45	19.75	56.711		
3,900.00	3,825.62	3,677.44	3,631.93	11.28	9.23	-73.43	26.33	1,472.42	1,131.52	1,111.24	20.28	55.789		
4,000.00	3,923.36	3,776.02	3,728.72	11.57	9.49	-74.04	27.42	1,491.06	1,142.97	1,122.15	20.82	54.888		
4,100.00	4,021.10	3,874.60	3,825.52	11.86	9.76	-74.65	28.51	1,509.70	1,154.56	1,133.18	21.38	54.012		
4,200.00	4,118.84	3,973.18	3,922.31	12.16	10.03	-75.24	29.60	1,528.34	1,166.27	1,144.33	21.94	53.160		
4,300.00	4,216.58	4,071.76	4,019.10	12.46	10.30	-75.83	30.70	1,546.99	1,178.10	1,155.59	22.51	52.335		
4,400.00	4,314.32	4,170.34	4,115.90	12.77	10.58	-76.40	31.79	1,565.63	1,190.05	1,166.96	23.09	51.536		
4,500.00	4,412.07	4,268.92	4,212.69	13.08	10.86	-76.96	32.88	1,584.27	1,202.12	1,178.44	23.68	50.764		
4,600.00	4,509.81	4,367.50	4,309.49	13.39	11.15	-77.51	33.97	1,602.92	1,214.30	1,190.02	24.28	50.018		
4,700.00	4,607.55	4,466.08	4,406.28	13.71	11.44	-78.04	35.06	1,621.56	1,226.59	1,201.71	24.88	49.299		
4,800.00	4,705.29	4,564.66	4,503.08	14.03	11.73	-78.57	36.16	1,640.20	1,238.99	1,213.50	25.49	48.606		
4,900.00	4,803.03	4,663.24	4,599.87	14.35	12.03	-79.09	37.25	1,658.84	1,251.49	1,225.38	26.11	47.938		
5,000.00	4,900.77	4,761.82	4,696.67	14.68	12.32	-79.60	38.34	1,677.49	1,264.08	1,237.36	26.73	47.295		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	4,998.52	4,860.40	4,793.46	15.01	12.63	-80.09	39.43	1,696.13	1,276.78	1,249.42	27.35	46.676		
5,200.00	5,096.26	4,958.98	4,890.26	15.34	12.93	-80.58	40.52	1,714.77	1,289.57	1,261.58	27.99	46.080		
5,300.00	5,194.00	5,057.56	4,987.05	15.67	13.23	-81.06	41.62	1,733.42	1,302.44	1,273.82	28.62	45.506		
5,400.00	5,291.74	5,156.14	5,083.84	16.01	13.54	-81.53	42.71	1,752.06	1,315.41	1,286.15	29.26	44.954		
5,500.00	5,389.48	5,254.71	5,180.64	16.35	13.85	-81.99	43.80	1,770.70	1,328.47	1,298.56	29.91	44.423		
5,600.00	5,487.22	5,353.29	5,277.43	16.69	14.16	-82.44	44.89	1,789.34	1,341.60	1,311.05	30.55	43.911		
5,700.00	5,584.96	5,451.87	5,374.23	17.03	14.48	-82.88	45.98	1,807.99	1,354.82	1,323.62	31.20	43.419		
5,800.00	5,682.71	5,550.45	5,471.02	17.37	14.79	-83.31	47.08	1,826.63	1,368.12	1,336.26	31.86	42.945		
5,900.00	5,780.45	5,649.03	5,567.82	17.72	15.11	-83.74	48.17	1,845.27	1,381.49	1,348.97	32.51	42.489		
6,000.00	5,878.19	5,747.61	5,664.61	18.06	15.43	-84.15	49.26	1,863.91	1,394.93	1,361.76	33.17	42.049		
6,100.00	5,975.93	5,846.35	5,762.41	18.41	15.75	-84.56	50.35	1,882.55	1,408.37	1,374.59	33.82	41.619		
6,200.00	6,073.67	5,945.09	5,860.21	18.76	16.07	-84.97	51.44	1,901.19	1,421.81	1,387.42	34.47	41.199		
6,300.00	6,171.41	6,043.83	5,958.01	19.11	16.39	-85.38	52.53	1,919.81	1,435.25	1,400.25	35.12	40.779		
6,400.00	6,269.16	6,142.57	6,055.81	19.46	16.71	-85.79	53.62	1,938.43	1,448.69	1,413.08	35.77	40.359		
6,500.00	6,366.90	6,241.31	6,153.61	19.81	17.03	-86.20	54.71	1,957.05	1,462.13	1,425.91	36.42	39.939		
6,600.00	6,464.63	6,340.05	6,255.41	20.17	17.35	-86.61	55.80	1,975.67	1,475.57	1,438.74	37.07	39.519		
6,700.00	6,562.37	6,438.79	6,357.21	20.52	17.67	-87.02	56.89	1,994.29	1,489.01	1,451.57	37.72	39.099		
6,800.00	6,660.11	6,537.53	6,459.01	20.87	17.99	-87.43	57.98	2,012.91	1,502.45	1,464.40	38.37	38.679		
6,900.00	6,757.85	6,636.27	6,560.81	21.22	18.31	-87.84	59.07	2,031.53	1,515.89	1,477.23	39.02	38.259		
7,000.00	6,855.59	6,735.01	6,662.61	21.57	18.63	-88.25	60.16	2,050.15	1,529.33	1,490.06	39.67	37.839		
7,100.00	6,953.33	6,833.75	6,764.41	21.92	18.95	-88.66	61.25	2,068.77	1,542.77	1,502.89	40.32	37.419		
7,200.00	7,051.07	6,932.49	6,866.21	22.27	19.27	-89.07	62.34	2,087.39	1,556.21	1,515.72	40.97	36.999		
7,300.00	7,148.81	7,031.23	6,968.01	22.62	19.59	-89.48	63.43	2,106.01	1,569.65	1,528.55	41.62	36.579		
7,400.00	7,246.55	7,130.00	7,069.81	22.97	19.91	-89.89	64.52	2,124.63	1,583.09	1,541.38	42.27	36.159		
7,500.00	7,344.29	7,228.74	7,171.61	23.32	20.23	-90.30	65.61	2,143.25	1,596.53	1,554.21	42.92	35.739		
7,600.00	7,442.03	7,327.48	7,273.41	23.67	20.55	-90.71	66.70	2,161.87	1,609.97	1,567.04	43.57	35.319		
7,700.00	7,539.77	7,426.22	7,375.21	24.02	20.87	-91.12	67.79	2,180.49	1,623.41	1,579.87	44.22	34.899		
7,800.00	7,637.51	7,524.96	7,477.01	24.37	21.19	-91.53	68.88	2,199.11	1,636.85	1,592.70	44.87	34.479		
7,900.00	7,735.25	7,623.70	7,578.81	24.72	21.51	-91.94	69.97	2,217.73	1,650.29	1,605.53	45.52	34.059		
8,000.00	7,832.99	7,722.44	7,680.61	25.07	21.83	-92.35	71.06	2,236.35	1,663.73	1,618.36	46.17	33.639		
8,100.00	7,930.73	7,821.18	7,782.41	25.42	22.15	-92.76	72.15	2,254.97	1,677.17	1,631.19	46.82	33.219		
8,200.00	8,028.47	7,919.92	7,884.21	25.77	22.47	-93.17	73.24	2,273.59	1,690.61	1,644.02	47.47	32.799		
8,300.00	8,126.21	8,018.66	7,986.01	26.12	22.79	-93.58	74.33	2,292.21	1,704.05	1,656.85	48.12	32.379		
8,400.00	8,223.95	8,117.40	8,087.81	26.47	23.11	-93.99	75.42	2,310.83	1,717.49	1,669.68	48.77	31.959		
8,500.00	8,321.69	8,216.14	8,189.61	26.82	23.43	-94.40	76.51	2,329.45	1,730.93	1,682.51	49.42	31.539		
8,600.00	8,419.43	8,314.88	8,291.41	27.17	23.75	-94.81	77.60	2,348.07	1,744.37	1,695.34	50.07	31.119		
8,700.00	8,517.17	8,413.62	8,393.21	27.52	24.07	-95.22	78.69	2,366.69	1,757.81	1,708.17	50.72	30.699		
8,800.00	8,614.91	8,512.36	8,495.01	27.87	24.39	-95.63	79.78	2,385.31	1,771.25	1,721.00	51.37	30.279		
8,900.00	8,712.65	8,611.10	8,596.81	28.22	24.71	-96.04	80.87	2,403.93	1,784.69	1,733.83	52.02	29.859		
9,000.00	8,810.39	8,709.84	8,698.61	28.57	25.03	-96.45	81.96	2,422.55	1,798.13	1,746.66	52.67	29.439		
9,100.00	8,908.13	8,808.58	8,800.41	28.92	25.35	-96.86	83.05	2,441.17	1,811.57	1,759.49	53.32	29.019		
9,200.00	9,005.87	8,907.32	8,902.21	29.27	25.67	-97.27	84.14	2,459.79	1,825.01	1,772.32	53.97	28.599		
9,300.00	9,103.61	9,006.06	9,004.01	29.62	25.99	-97.68	85.23	2,478.41	1,838.45	1,785.15	54.62	28.179		
9,400.00	9,201.35	9,104.80	9,105.81	29.97	26.31	-98.09	86.32	2,497.03	1,851.89	1,797.98	55.27	27.759		
9,500.00	9,299.09	9,203.54	9,207.61	30.32	26.63	-98.50	87.41	2,515.65	1,865.33	1,810.81	55.92	27.339		
9,600.00	9,396.83	9,302.28	9,309.41	30.67	26.95	-98.91	88.50	2,534.27	1,878.77	1,823.64	56.57	26.919		
9,700.00	9,494.57	9,401.02	9,411.21	31.02	27.27	-99.32	89.59	2,552.89	1,892.21	1,836.47	57.22	26.499		
9,800.00	9,592.31	9,499.76	9,513.01	31.37	27.59	-99.73	90.68	2,571.51	1,905.65	1,849.30	57.87	26.079		
9,900.00	9,690.05	9,598.50	9,614.81	31.72	27.91	-100.14	91.77	2,590.13	1,919.09	1,862.13	58.52	25.659		
10,000.00	9,787.79	9,697.24	9,716.61	32.07	28.23	-100.55	92.86	2,608.75	1,932.53	1,874.96	59.17	25.239		
10,100.00	9,885.53	9,795.98	9,818.41	32.42	28.55	-100.96	93.95	2,627.37	1,945.97	1,887.79	59.82	24.819		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 36N-3A-L
<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 36N-3A-L	<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	90.14	-2.53	999.77	999.77					
100.00	100.00	100.00	100.00	3.28	3.28	90.14	-2.53	999.77	999.77	992.24	7.53	132.792		
200.00	200.00	200.00	200.00	3.31	3.31	90.14	-2.53	999.77	999.77	992.20	7.57	132.002	CC	
300.00	299.98	274.83	274.82	3.35	3.34	-45.92	-2.27	1,000.71	999.81	992.17	7.64	130.815	ES	
400.00	399.84	349.57	349.50	3.41	3.38	-46.13	-1.49	1,003.53	999.96	992.22	7.74	129.229		
500.00	499.45	424.11	423.88	3.49	3.44	-46.47	-0.19	1,008.21	1,000.23	992.37	7.86	127.176		
600.00	598.70	500.00	499.45	3.61	3.51	-46.95	1.66	1,014.89	1,000.70	992.66	8.03	124.611		
700.00	697.47	572.26	571.21	3.76	3.59	-47.53	3.93	1,023.04	1,001.42	993.19	8.23	121.643		
800.00	795.62	645.68	643.89	3.96	3.69	-48.25	6.72	1,033.11	1,002.52	994.04	8.48	118.196		
900.00	893.37	729.09	726.13	4.21	3.83	-49.17	10.42	1,046.44	1,004.82	996.02	8.80	114.153		
1,000.00	991.11	827.12	822.75	4.48	4.02	-50.26	14.86	1,062.47	1,007.91	998.70	9.21	109.480		
1,100.00	1,088.85	925.16	919.36	4.78	4.24	-51.34	19.31	1,078.50	1,011.37	1,001.72	9.65	104.771		
1,200.00	1,186.59	1,023.19	1,015.97	5.10	4.47	-52.41	23.76	1,094.53	1,015.20	1,005.07	10.14	100.144		
1,300.00	1,284.33	1,121.23	1,112.59	5.44	4.72	-53.48	28.20	1,110.56	1,019.40	1,008.75	10.65	95.679		
1,400.00	1,382.08	1,219.26	1,209.20	5.80	4.99	-54.54	32.65	1,126.60	1,023.97	1,012.77	11.20	91.428		
1,500.00	1,479.82	1,317.30	1,305.81	6.16	5.27	-55.59	37.09	1,142.63	1,028.89	1,017.12	11.77	87.416		
1,600.00	1,577.56	1,415.33	1,402.43	6.54	5.57	-56.62	41.54	1,158.66	1,034.17	1,021.80	12.36	83.670		
1,700.00	1,675.30	1,513.37	1,499.04	6.92	5.87	-57.65	45.99	1,174.69	1,039.79	1,026.82	12.97	80.166		
1,800.00	1,773.04	1,611.40	1,595.65	7.31	6.17	-58.67	50.43	1,190.72	1,045.75	1,032.15	13.60	76.909		
1,900.00	1,870.78	1,709.44	1,692.27	7.53	6.49	-59.67	54.88	1,206.75	1,052.05	1,038.20	13.86	75.930		
2,000.00	1,968.53	1,807.47	1,788.88	7.58	6.80	-60.67	59.33	1,222.78	1,058.68	1,044.52	14.16	74.749		
2,100.00	2,066.27	1,905.51	1,885.49	7.65	6.97	-61.65	63.77	1,238.81	1,065.64	1,051.44	14.20	75.058		
2,200.00	2,164.01	2,003.54	1,982.11	7.74	7.01	-62.62	68.22	1,254.84	1,072.91	1,058.59	14.31	74.957		
2,300.00	2,261.75	2,101.58	2,078.72	7.84	7.06	-63.57	72.67	1,270.87	1,080.49	1,066.03	14.46	74.706		
2,400.00	2,359.49	2,200.39	2,175.33	7.96	7.13	-64.51	77.11	1,286.90	1,088.38	1,073.73	14.65	74.315		
2,500.00	2,457.23	2,302.35	2,271.95	8.10	7.22	-65.44	81.56	1,302.93	1,096.57	1,081.70	14.86	73.784		
2,600.00	2,554.98	2,404.32	2,368.56	8.26	7.32	-66.36	86.00	1,318.96	1,105.04	1,089.93	15.11	73.137		
2,700.00	2,652.72	2,506.28	2,465.17	8.42	7.43	-67.26	90.45	1,334.99	1,113.81	1,098.42	15.39	72.388		
2,800.00	2,750.46	2,608.25	2,561.79	8.61	7.56	-68.15	94.90	1,351.03	1,122.85	1,107.16	15.69	71.555		
2,900.00	2,848.20	2,689.79	2,658.40	8.80	7.68	-69.02	99.34	1,367.06	1,132.16	1,116.16	16.00	70.765		
3,000.00	2,945.94	2,787.82	2,755.01	9.01	7.83	-69.88	103.79	1,383.09	1,141.74	1,125.39	16.35	69.838		
3,100.00	3,043.68	2,885.86	2,851.63	9.22	7.98	-70.73	108.24	1,399.12	1,151.57	1,134.85	16.72	68.872		
3,200.00	3,141.43	2,983.89	2,948.24	9.45	8.15	-71.56	112.68	1,415.15	1,161.66	1,144.55	17.11	67.878		
3,300.00	3,239.17	3,081.93	3,044.85	9.69	8.33	-72.38	117.13	1,431.18	1,171.99	1,154.46	17.53	66.866		
3,400.00	3,336.91	3,179.96	3,141.46	9.93	8.52	-73.18	121.58	1,447.21	1,182.56	1,164.60	17.96	65.847		
3,500.00	3,434.65	3,278.00	3,238.08	10.19	8.71	-73.97	126.02	1,463.24	1,193.37	1,174.96	18.41	64.827		
3,600.00	3,532.39	3,376.03	3,334.69	10.45	8.91	-74.75	130.47	1,479.27	1,204.40	1,185.52	18.87	63.815		
3,700.00	3,630.13	3,474.07	3,431.30	10.72	9.12	-75.51	134.92	1,495.30	1,215.65	1,196.29	19.35	62.814		
3,800.00	3,727.87	3,572.10	3,527.92	11.00	9.34	-76.26	139.36	1,511.33	1,227.11	1,207.26	19.85	61.829		
3,900.00	3,825.62	3,670.14	3,624.53	11.28	9.57	-76.99	143.81	1,527.36	1,238.78	1,218.43	20.35	60.865		
4,000.00	3,923.36	3,768.17	3,721.14	11.57	9.80	-77.71	148.25	1,543.39	1,250.66	1,229.79	20.87	59.924		
4,100.00	4,021.10	3,866.21	3,817.76	11.86	10.03	-78.42	152.70	1,559.42	1,262.73	1,241.33	21.40	59.008		
4,200.00	4,118.84	3,964.24	3,914.37	12.16	10.27	-79.11	157.15	1,575.45	1,274.99	1,253.05	21.94	58.117		
4,300.00	4,216.58	4,062.28	4,010.98	12.46	10.52	-79.79	161.59	1,591.49	1,287.44	1,264.95	22.49	57.255		
4,400.00	4,314.32	4,160.31	4,107.60	12.77	10.77	-80.46	166.04	1,607.52	1,300.07	1,277.02	23.04	56.420		
4,500.00	4,412.07	4,258.35	4,204.21	13.08	11.02	-81.12	170.49	1,623.55	1,312.87	1,289.26	23.61	55.613		
4,600.00	4,509.81	4,356.38	4,300.82	13.39	11.28	-81.76	174.93	1,639.58	1,325.84	1,301.66	24.18	54.834		
4,700.00	4,607.55	4,454.42	4,397.44	13.71	11.54	-82.39	179.38	1,655.61	1,338.98	1,314.22	24.76	54.083		
4,800.00	4,705.29	4,552.45	4,494.05	14.03	11.81	-83.01	183.83	1,671.64	1,352.27	1,326.93	25.34	53.360		
4,900.00	4,803.03	4,650.49	4,590.66	14.35	12.07	-83.62	188.27	1,687.67	1,365.73	1,339.79	25.93	52.663		
5,000.00	4,900.77	4,748.52	4,687.28	14.68	12.35	-84.22	192.72	1,703.70	1,379.33	1,352.80	26.53	51.992		
5,100.00	4,998.52	4,846.56	4,783.89	15.01	12.62	-84.80	197.16	1,719.73	1,393.08	1,365.95	27.13	51.347		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,200.00	5,096.26	4,944.59	4,880.50	15.34	12.90	-85.37	201.61	1,735.76	1,406.97	1,379.24	27.74	50.726		
5,300.00	5,194.00	5,042.63	4,977.12	15.67	13.17	-85.94	206.06	1,751.79	1,421.00	1,392.66	28.35	50.129		
5,400.00	5,291.74	5,140.66	5,073.73	16.01	13.46	-86.49	210.50	1,767.82	1,435.17	1,406.21	28.96	49.555		
5,500.00	5,389.48	5,238.70	5,170.34	16.35	13.74	-87.03	214.95	1,783.85	1,449.46	1,419.88	29.58	49.003		
5,600.00	5,487.22	5,336.73	5,266.96	16.69	14.03	-87.56	219.40	1,799.88	1,463.88	1,433.68	30.20	48.472		
5,700.00	5,584.96	5,434.77	5,363.57	17.03	14.31	-88.08	223.84	1,815.92	1,478.43	1,447.60	30.83	47.961		
5,800.00	5,682.71	5,532.80	5,460.18	17.37	14.60	-88.59	228.29	1,831.95	1,493.09	1,461.64	31.45	47.470		
5,900.00	5,780.45	5,630.84	5,556.79	17.72	14.89	-89.09	232.74	1,847.98	1,507.87	1,475.78	32.08	46.997		
6,000.00	5,878.19	5,728.87	5,653.41	18.06	15.19	-89.58	237.18	1,864.01	1,522.76	1,490.04	32.72	46.542		
6,100.00	5,975.93	5,826.91	5,750.02	18.41	15.48	-90.06	241.63	1,880.04	1,537.76	1,504.40	33.35	46.104		
6,200.00	6,073.67	5,924.94	5,846.63	18.76	15.77	-90.53	246.08	1,896.07	1,552.86	1,518.87	33.99	45.683		
6,300.00	6,171.41	6,023.77	6,000.00	19.11	16.06	-91.00	250.53	1,912.10	1,568.00	1,533.40	34.63	45.272		
6,400.00	6,269.16	6,122.60	6,096.73	19.46	16.35	-91.46	254.98	1,928.13	1,583.19	1,548.00	35.27	44.870		
6,500.00	6,366.90	6,221.43	6,193.46	19.81	16.64	-91.92	259.43	1,944.16	1,598.43	1,562.60	35.91	44.476		
6,600.00	6,464.63	6,320.26	6,290.19	20.16	16.93	-92.38	263.88	1,960.19	1,613.72	1,577.00	36.55	44.090		
6,700.00	6,562.37	6,419.09	6,386.92	20.51	17.22	-92.83	268.33	1,976.22	1,629.06	1,591.00	37.19	43.711		
6,800.00	6,660.11	6,517.92	6,483.65	20.86	17.51	-93.29	272.78	1,992.25	1,644.40	1,605.00	37.83	43.339		
6,900.00	6,757.85	6,616.75	6,580.38	21.21	17.80	-93.74	277.23	2,008.28	1,659.74	1,619.00	38.47	42.973		
7,000.00	6,855.59	6,715.58	6,677.11	21.56	18.09	-94.19	281.68	2,024.31	1,675.08	1,633.00	39.11	42.612		
7,100.00	6,953.33	6,814.41	6,773.84	21.91	18.38	-94.64	286.13	2,040.34	1,690.42	1,647.00	39.75	42.256		
7,200.00	7,051.07	6,913.24	6,870.57	22.26	18.67	-95.09	290.58	2,056.37	1,705.76	1,661.00	40.39	41.904		
7,300.00	7,148.81	7,012.07	6,967.30	22.61	18.96	-95.54	295.03	2,072.40	1,721.10	1,675.00	41.03	41.556		
7,400.00	7,246.55	7,110.90	7,064.03	22.96	19.25	-95.99	299.48	2,088.43	1,736.44	1,689.00	41.67	41.212		
7,500.00	7,344.29	7,209.73	7,160.76	23.31	19.54	-96.44	303.93	2,104.46	1,751.78	1,703.00	42.31	40.872		
7,600.00	7,442.03	7,308.56	7,257.49	23.66	19.83	-96.89	308.38	2,120.49	1,767.12	1,717.00	42.95	40.536		
7,700.00	7,539.77	7,407.39	7,354.22	24.01	20.12	-97.34	312.83	2,136.52	1,782.46	1,731.00	43.59	40.204		
7,800.00	7,637.51	7,506.22	7,450.95	24.36	20.41	-97.79	317.28	2,152.55	1,797.80	1,745.00	44.23	39.876		
7,900.00	7,735.25	7,605.05	7,547.68	24.71	20.70	-98.24	321.73	2,168.58	1,813.14	1,759.00	44.87	39.552		
8,000.00	7,833.00	7,703.88	7,644.41	25.06	20.99	-98.69	326.18	2,184.61	1,828.48	1,773.00	45.51	39.232		
8,100.00	7,930.74	7,802.71	7,741.14	25.41	21.28	-99.14	330.63	2,200.64	1,843.82	1,787.00	46.15	38.916		
8,200.00	8,028.48	7,901.54	7,837.87	25.76	21.57	-99.59	335.08	2,216.67	1,859.16	1,801.00	46.79	38.604		
8,300.00	8,126.22	8,000.37	7,934.60	26.11	21.86	-100.04	339.53	2,232.70	1,874.50	1,815.00	47.43	38.296		
8,400.00	8,223.96	8,099.20	8,031.33	26.46	22.15	-100.49	343.98	2,248.73	1,889.84	1,829.00	48.07	37.992		
8,500.00	8,321.70	8,198.03	8,128.06	26.81	22.44	-100.94	348.43	2,264.76	1,905.18	1,843.00	48.71	37.692		
8,600.00	8,419.44	8,296.86	8,224.79	27.16	22.73	-101.39	352.88	2,280.79	1,920.52	1,857.00	49.35	37.396		
8,700.00	8,517.18	8,395.69	8,321.52	27.51	23.02	-101.84	357.33	2,296.82	1,935.86	1,871.00	50.00	37.104		
8,800.00	8,614.92	8,494.52	8,418.25	27.86	23.31	-102.29	361.78	2,312.85	1,951.20	1,885.00	50.64	36.816		
8,900.00	8,712.66	8,593.35	8,514.98	28.21	23.60	-102.74	366.23	2,328.88	1,966.54	1,899.00	51.28	36.532		
9,000.00	8,810.40	8,692.18	8,611.71	28.56	23.89	-103.19	370.68	2,344.91	1,981.88	1,913.00	51.92	36.252		
9,100.00	8,908.14	8,791.01	8,708.44	28.91	24.18	-103.64	375.13	2,360.94	1,997.22	1,927.00	52.56	35.976		
9,200.00	9,005.88	8,889.84	8,805.17	29.26	24.47	-104.09	379.58	2,376.97	2,012.56	1,941.00	53.20	35.704		
9,300.00	9,103.62	8,988.67	8,901.90	29.61	24.76	-104.54	384.03	2,393.00	2,027.90	1,955.00	53.84	35.436		
9,400.00	9,201.36	9,087.50	9,000.00	29.96	25.05	-104.99	388.48	2,409.03	2,043.24	1,969.00	54.48	35.172		
9,500.00	9,299.10	9,186.33	9,096.73	30.31	25.34	-105.44	392.93	2,425.06	2,058.58	1,983.00	55.12	34.912		
9,600.00	9,396.84	9,285.16	9,193.46	30.66	25.63	-105.89	397.38	2,441.09	2,073.92	1,997.00	55.76	34.656		
9,700.00	9,494.58	9,383.99	9,290.19	31.01	25.92	-106.34	401.83	2,457.12	2,089.26	2,011.00	56.40	34.404		
9,800.00	9,592.32	9,482.82	9,386.92	31.36	26.21	-106.79	406.28	2,473.15	2,104.60	2,025.00	57.04	34.156		
9,900.00	9,690.06	9,581.65	9,483.65	31.71	26.50	-107.24	410.73	2,489.18	2,120.00	2,039.00	57.68	33.912		
10,000.00	9,787.80	9,680.48	9,580.38	32.06	26.79	-107.69	415.18	2,505.21	2,135.44	2,053.00	58.32	33.672		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +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	90.12	-1.81	879.77	879.78					
100.00	100.00	100.00	100.00	3.28	3.28	90.12	-1.81	879.77	879.78	872.25	7.53	116.854		
200.00	200.00	200.00	200.00	3.31	3.31	90.12	-1.81	879.77	879.78	872.20	7.57	116.159		
300.00	299.98	289.77	289.77	3.35	3.34	-45.95	-1.96	880.00	878.85	871.20	7.65	114.865		
400.00	399.84	369.33	369.29	3.41	3.39	-46.09	-3.17	881.85	877.54	869.79	7.75	113.234		
500.00	499.45	448.93	448.77	3.49	3.45	-46.28	-5.59	885.55	876.14	868.25	7.88	111.137		
600.00	598.70	528.56	528.13	3.61	3.52	-46.52	-9.22	891.10	874.65	866.59	8.06	108.564		
700.00	697.47	608.25	607.32	3.76	3.61	-46.82	-14.05	898.49	873.10	864.82	8.27	105.519		
800.00	795.62	687.99	686.29	3.96	3.72	-47.17	-20.10	907.74	871.49	862.95	8.54	102.003		
882.01	875.82	753.47	750.89	4.16	3.84	-47.43	-25.97	916.70	870.87	862.06	8.81	98.903		
900.00	893.37	767.85	765.03	4.21	3.86	-47.49	-27.36	918.83	870.81	861.95	8.87	98.220		
1,000.00	991.11	855.12	850.67	4.48	4.04	-47.76	-36.54	932.86	872.28	863.03	9.25	94.261		
1,100.00	1,088.85	955.00	948.60	4.78	4.29	-48.05	-47.32	949.34	874.23	864.51	9.73	89.878		
1,200.00	1,186.59	1,054.89	1,046.53	5.10	4.55	-48.33	-58.11	965.82	876.21	865.97	10.24	85.556		
1,300.00	1,284.33	1,154.78	1,144.45	5.44	4.85	-48.61	-68.89	982.29	878.20	867.41	10.79	81.378		
1,400.00	1,382.08	1,254.66	1,242.38	5.80	5.16	-48.90	-79.67	998.77	880.22	868.84	11.37	77.399		
1,500.00	1,479.82	1,354.55	1,340.30	6.16	5.48	-49.18	-90.45	1,015.25	882.25	870.27	11.98	73.646		
1,600.00	1,577.56	1,454.43	1,438.23	6.54	5.82	-49.45	-101.23	1,031.73	884.31	871.70	12.61	70.140		
1,700.00	1,675.30	1,554.32	1,536.15	6.92	6.17	-49.73	-112.02	1,048.21	886.39	873.13	13.26	66.863		
1,800.00	1,773.04	1,654.21	1,634.08	7.31	6.53	-50.01	-122.80	1,064.68	888.49	874.57	13.92	63.817		
1,900.00	1,870.78	1,754.09	1,732.01	7.53	6.89	-50.28	-133.58	1,081.16	890.61	876.38	14.23	62.604		
2,000.00	1,968.53	1,853.98	1,829.93	7.58	7.17	-50.56	-144.36	1,097.64	892.75	878.41	14.34	62.259		
2,100.00	2,066.27	1,953.86	1,927.86	7.65	7.29	-50.83	-155.14	1,114.12	894.91	880.41	14.50	61.713		
2,200.00	2,164.01	2,053.75	2,025.78	7.74	7.35	-51.10	-165.93	1,130.60	897.09	882.47	14.63	61.331		
2,300.00	2,261.75	2,153.63	2,123.71	7.84	7.42	-51.37	-176.71	1,147.07	899.30	884.51	14.79	60.809		
2,400.00	2,359.49	2,253.52	2,221.63	7.96	7.51	-51.64	-187.49	1,163.55	901.52	886.53	14.98	60.162		
2,500.00	2,457.23	2,353.41	2,319.56	8.10	7.62	-51.91	-198.27	1,180.03	903.76	888.54	15.21	59.402		
2,600.00	2,554.98	2,453.29	2,417.49	8.26	7.74	-52.18	-209.05	1,196.51	906.02	890.54	15.48	58.545		
2,700.00	2,652.72	2,553.18	2,515.41	8.42	7.88	-52.44	-219.84	1,212.98	908.30	892.53	15.77	57.607		
2,800.00	2,750.46	2,653.06	2,613.34	8.61	8.03	-52.70	-230.62	1,229.46	910.60	894.51	16.09	56.604		
2,900.00	2,848.20	2,752.95	2,711.26	8.80	8.20	-52.97	-241.40	1,245.94	912.92	896.48	16.43	55.548		
3,000.00	2,945.94	2,852.84	2,809.19	9.01	8.38	-53.23	-252.18	1,262.42	915.25	898.45	16.81	54.455		
3,100.00	3,043.68	2,952.72	2,907.11	9.22	8.57	-53.49	-262.96	1,278.90	917.61	900.41	17.20	53.337		
3,200.00	3,141.43	3,052.61	3,005.04	9.45	8.77	-53.74	-273.75	1,295.37	919.99	902.36	17.62	52.204		
3,300.00	3,239.17	3,152.49	3,102.96	9.69	8.99	-54.00	-284.53	1,311.85	922.38	904.32	18.06	51.066		
3,400.00	3,336.91	3,252.38	3,200.89	9.93	9.21	-54.26	-295.31	1,328.33	924.79	906.27	18.52	49.931		
3,500.00	3,434.65	3,352.27	3,298.82	10.19	9.44	-54.51	-306.09	1,344.81	927.22	908.23	19.00	48.806		
3,600.00	3,532.39	3,452.15	3,396.74	10.45	9.68	-54.76	-316.87	1,361.29	929.67	910.18	19.49	47.696		
3,700.00	3,630.13	3,552.04	3,494.67	10.72	9.93	-55.02	-327.66	1,377.76	932.14	912.14	20.00	46.606		
3,800.00	3,727.87	3,651.92	3,592.59	11.00	10.18	-55.27	-338.44	1,394.24	934.62	914.10	20.52	45.539		
3,900.00	3,825.62	3,751.81	3,690.52	11.28	10.44	-55.51	-349.22	1,410.72	937.13	916.07	21.06	44.497		
4,000.00	3,923.36	3,851.70	3,788.44	11.57	10.71	-55.76	-360.00	1,427.20	939.65	918.04	21.61	43.484		
4,100.00	4,021.10	3,951.58	3,886.37	11.86	10.99	-56.01	-370.78	1,443.68	942.18	920.02	22.17	42.499		
4,200.00	4,118.84	4,051.47	3,984.30	12.16	11.26	-56.25	-381.57	1,460.15	944.74	922.00	22.74	41.545		
4,300.00	4,216.58	4,151.35	4,082.22	12.46	11.55	-56.50	-392.35	1,476.63	947.31	923.99	23.32	40.621		
4,400.00	4,314.32	4,251.24	4,180.15	12.77	11.84	-56.74	-403.13	1,493.11	949.90	925.99	23.91	39.727		
4,500.00	4,412.07	4,351.13	4,278.07	13.08	12.13	-56.98	-413.91	1,509.59	952.51	928.00	24.51	38.863		
4,600.00	4,509.81	4,451.01	4,376.00	13.39	12.43	-57.22	-424.69	1,526.06	955.13	930.01	25.12	38.029		
4,700.00	4,607.55	4,550.90	4,473.92	13.71	12.73	-57.46	-435.48	1,542.54	957.77	932.04	25.73	37.225		
4,800.00	4,705.29	4,650.78	4,571.85	14.03	13.03	-57.69	-446.26	1,559.02	960.42	934.07	26.35	36.448		
4,900.00	4,803.03	4,750.67	4,669.77	14.35	13.34	-57.93	-457.04	1,575.50	963.10	936.12	26.98	35.700		
5,000.00	4,900.77	4,850.56	4,767.70	14.68	13.65	-58.16	-467.82	1,591.98	965.79	938.17	27.61	34.979		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,950.44	4,865.63	15.01	13.96	-58.40	-478.60	1,608.45	968.49	940.24	28.25	34.283		
5,200.00	5,096.26	5,050.33	4,963.55	15.34	14.28	-58.63	-489.39	1,624.93	971.21	942.32	28.89	33.613		
5,300.00	5,194.00	5,150.21	5,061.48	15.67	14.59	-58.86	-500.17	1,641.41	973.95	944.40	29.54	32.967		
5,400.00	5,291.74	5,250.10	5,159.40	16.01	14.91	-59.09	-510.95	1,657.89	976.70	946.50	30.20	32.344		
5,500.00	5,389.48	5,349.99	5,257.33	16.35	15.24	-59.32	-521.73	1,674.37	979.47	948.61	30.86	31.744		
5,600.00	5,487.22	5,449.87	5,355.25	16.69	15.56	-59.54	-532.51	1,690.84	982.25	950.73	31.52	31.165		
5,700.00	5,584.96	5,549.76	5,453.18	17.03	15.89	-59.77	-543.30	1,707.32	985.05	952.86	32.18	30.606		
5,800.00	5,682.71	5,649.64	5,551.11	17.37	16.21	-59.99	-554.08	1,723.80	987.86	955.01	32.85	30.068		
5,900.00	5,780.45	5,749.53	5,649.03	17.72	16.54	-60.21	-564.86	1,740.28	990.69	957.16	33.53	29.548		
6,000.00	5,878.19	5,849.41	5,746.96	18.06	16.87	-60.44	-575.64	1,756.75	993.53	959.33	34.20	29.047		
6,100.00	5,975.93	5,949.30	5,844.88	18.41	17.21	-60.66	-586.42	1,773.23	996.39	961.51	34.88	28.562		
6,200.00	6,073.67	6,049.19	5,942.81	18.76	17.54	-60.88	-597.21	1,789.71	999.26	963.70	35.57	28.095		
6,300.00	6,171.41	6,149.07	6,040.73	19.11	17.88	-61.09	-607.99	1,806.19	1,002.15	965.90	36.25	27.643		
6,400.00	6,269.16	6,248.96	6,138.66	19.46	18.21	-61.31	-618.77	1,822.67	1,005.05	968.11	36.94	27.206		
6,500.00	6,366.90	6,346.37	6,236.36	19.81	22.29	-165.10	-754.95	850.09	944.02	912.58	31.44	30.024		
6,600.00	6,464.63	6,444.42	6,334.93	20.17	22.16	-161.47	-754.88	867.87	851.26	819.36	31.90	26.682		
6,700.00	6,560.49	6,541.77	6,430.78	20.55	21.93	-155.53	-754.78	894.66	761.94	729.57	32.38	23.535		
6,800.00	6,651.48	6,633.24	6,519.09	21.01	21.61	-153.76	-754.62	936.18	679.41	646.52	32.90	20.652		
6,900.00	6,735.38	6,718.05	6,607.85	21.54	21.23	-152.29	-754.41	991.38	605.97	572.47	33.50	18.088		
7,000.00	6,810.10	6,793.43	6,693.99	22.15	20.81	-150.44	-754.15	1,058.92	543.49	509.28	34.21	15.888		
7,100.00	6,873.81	6,857.18	6,736.47	22.82	20.45	-148.23	-753.85	1,137.14	493.25	458.22	35.03	14.082		
7,200.00	6,924.94	6,909.18	6,800.23	23.57	20.18	-145.88	-753.52	1,224.09	455.74	419.83	35.91	12.691		
7,300.00	6,962.24	6,947.42	6,799.61	24.38	19.98	-140.45	-751.26	1,385.16	425.11	388.11	37.00	11.489		
7,400.00	6,984.78	6,970.90	6,825.69	25.26	19.98	-133.33	-744.94	1,533.93	389.97	350.38	39.59	9.851		
7,500.00	6,992.00	6,979.24	6,878.43	26.19	20.05	-125.84	-736.85	1,645.43	355.03	312.31	42.71	8.312		
7,600.00	6,991.48	6,979.53	6,819.91	27.18	20.11	-114.78	-728.76	1,723.57	322.54	276.96	45.59	7.076		
7,700.00	6,990.95	6,979.40	6,811.20	28.24	20.14	-103.84	-721.84	1,774.58	298.68	251.30	47.38	6.305		
7,774.51	6,990.55	6,979.75	6,804.16	29.08	20.16	-96.60	-717.52	1,800.90	292.46	245.01	47.46	6.163	CC, ES, SF	
7,800.00	6,990.42	6,979.10	6,812.73	29.37	20.16	-94.35	-716.20	1,808.24	293.24	246.05	47.20	6.213		
7,900.00	6,989.89	6,979.30	6,813.29	30.54	20.17	-86.70	-711.64	1,831.05	311.71	266.58	45.13	6.906		
8,000.00	6,989.36	6,979.11	6,811.11	31.77	20.16	-80.69	-707.94	1,846.98	352.81	310.34	42.47	8.307		
8,100.00	6,988.83	6,979.42	6,814.64	33.04	20.16	-75.99	-704.91	1,858.44	411.15	370.85	40.30	10.202		
8,200.00	6,988.30	6,979.46	6,812.61	34.34	20.15	-72.29	-702.39	1,866.90	481.27	442.39	38.87	12.380		
8,300.00	6,987.77	6,979.00	6,815.27	35.68	20.15	-69.51	-700.42	1,872.90	559.19	521.14	38.05	14.695		
8,400.00	6,987.24	6,982.12	6,858.31	37.05	20.14	-66.93	-698.49	1,878.23	642.36	604.78	37.58	17.091		
8,500.00	6,986.71	6,987.95	6,844.77	38.44	20.13	-64.95	-696.95	1,882.12	729.15	691.79	37.37	19.514		
8,600.00	6,986.18	6,980.00	6,827.50	39.85	20.12	-62.54	-695.00	1,886.60	818.58	781.35	37.23	21.990		
8,700.00	6,985.65	6,980.00	6,827.50	41.29	20.12	-62.54	-695.00	1,886.60	909.84	872.50	37.34	24.365		
8,800.00	6,985.12	6,935.74	6,813.69	42.74	20.10	-60.71	-693.44	1,889.81	1,002.52	965.18	37.34	26.847		
8,900.00	6,984.59	6,927.47	6,805.66	44.21	20.10	-59.69	-692.53	1,891.53	1,096.34	1,058.91	37.42	29.296		
9,000.00	6,984.06	6,920.11	6,798.48	45.69	20.09	-58.79	-691.72	1,892.97	1,191.02	1,153.50	37.52	31.743		
9,100.00	6,983.53	6,900.00	6,778.81	47.19	20.07	-56.44	-689.50	1,896.49	1,286.62	1,249.10	37.52	34.293		
9,200.00	6,983.00	6,900.00	6,778.81	48.70	20.07	-56.44	-689.50	1,896.49	1,382.42	1,344.74	37.68	36.687		
9,300.00	6,982.47	6,900.00	6,778.81	50.22	20.07	-56.44	-689.50	1,896.49	1,478.79	1,440.95	37.84	39.081		
9,400.00	6,981.94	6,900.00	6,778.81	51.74	20.07	-56.44	-689.50	1,896.49	1,575.60	1,537.61	37.99	41.474		
9,500.00	6,981.41	6,900.00	6,778.81	53.28	20.07	-56.44	-689.50	1,896.49	1,672.79	1,634.66	38.14	43.864		
9,600.00	6,980.88	6,900.00	6,778.81	54.83	20.07	-56.44	-689.50	1,896.49	1,770.30	1,732.02	38.28	46.251		
9,700.00	6,980.35	6,900.00	6,778.81	56.38	20.07	-56.44	-689.50	1,896.49	1,868.06	1,829.65	38.41	48.633		
9,800.00	6,979.82	6,881.46	6,760.58	57.94	20.05	-54.40	-687.45	1,899.17	1,965.70	1,927.28	38.43	51.155		
9,900.00	6,979.29	6,878.23	6,757.40	59.51	20.05	-54.05	-687.10	1,899.58	2,063.76	2,025.22	38.54	53.551		
10,000.00	6,978.76	6,875.24	6,754.45	61.08	20.04	-53.74	-686.76	1,899.95	2,161.97	2,123.32	38.65	55.938		
10,100.00	6,978.23	6,872.45	6,751.69	62.65	20.04	-53.45	-686.45	1,900.28	2,260.33	2,221.57	38.76	58.317		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 VOLT 19-5 PAD - VOLT 34C-6-M - Wellbore #1 - Design #1												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	6,977.70	6,869.85	6,749.12	64.24	20.04	-53.18	-686.17	1,900.58	2,358.81	2,319.94	38.87	60.686	
10,300.00	6,977.17	6,850.00	6,729.49	65.82	20.01	-51.19	-683.97	1,902.50	2,457.70	2,418.81	38.88	63.206	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.11	-1.81	899.82	899.82					
100.00	100.00	100.00	100.00	3.28	3.28	90.11	-1.81	899.82	899.82	892.29	7.53	119.516		
200.00	200.00	200.00	200.00	3.31	3.31	90.11	-1.81	899.82	899.82	892.25	7.57	118.806		
300.00	299.98	277.85	277.84	3.35	3.34	-45.92	-2.26	900.78	899.84	892.19	7.64	117.734		
400.00	399.84	355.70	355.63	3.41	3.38	-46.02	-3.61	903.65	899.89	892.15	7.74	116.290		
500.00	499.45	433.55	433.29	3.49	3.44	-46.18	-5.86	908.43	899.98	892.11	7.87	114.395		
600.00	598.70	511.38	510.77	3.61	3.51	-46.42	-9.00	915.12	900.12	892.09	8.04	112.023		
700.00	697.47	589.21	588.01	3.76	3.60	-46.71	-13.04	923.71	900.34	892.09	8.25	109.166		
800.00	795.62	667.02	664.96	3.96	3.72	-47.08	-17.98	934.19	900.64	892.13	8.51	105.830		
900.00	893.37	746.23	742.93	4.21	3.86	-47.46	-23.91	946.79	902.01	893.18	8.83	102.200		
1,000.00	991.11	845.95	840.88	4.48	4.07	-47.92	-31.86	963.70	904.49	895.24	9.25	97.806		
1,100.00	1,088.85	945.66	938.82	4.78	4.31	-48.37	-39.82	980.60	907.03	897.31	9.72	93.360		
1,200.00	1,186.59	1,045.37	1,036.77	5.10	4.57	-48.82	-47.77	997.51	909.62	899.40	10.22	88.979		
1,300.00	1,284.33	1,145.08	1,134.72	5.44	4.86	-49.26	-55.73	1,014.42	912.27	901.50	10.76	84.745		
1,400.00	1,382.08	1,244.79	1,232.66	5.80	5.16	-49.71	-63.68	1,031.32	914.97	903.63	11.34	80.707		
1,500.00	1,479.82	1,344.51	1,330.61	6.16	5.48	-50.15	-71.63	1,048.23	917.73	905.80	11.93	76.911		
1,600.00	1,577.56	1,444.22	1,428.55	6.54	5.81	-50.59	-79.59	1,065.13	920.54	907.99	12.55	73.334		
1,700.00	1,675.30	1,543.93	1,526.50	6.92	6.15	-51.02	-87.54	1,082.04	923.41	910.21	13.19	69.999		
1,800.00	1,773.04	1,643.64	1,624.44	7.31	6.49	-51.45	-95.50	1,098.95	926.32	912.48	13.85	66.893		
1,900.00	1,870.78	1,743.35	1,722.39	7.53	6.85	-51.88	-103.45	1,115.85	929.30	915.16	14.14	65.718		
2,000.00	1,968.53	1,843.07	1,820.34	7.58	7.13	-52.31	-111.41	1,132.76	932.32	918.06	14.26	65.369		
2,100.00	2,066.27	1,942.78	1,918.28	7.65	7.26	-52.74	-119.36	1,149.67	935.40	920.96	14.44	64.787		
2,200.00	2,164.01	2,042.49	2,016.23	7.74	7.32	-53.16	-127.32	1,166.57	938.52	923.96	14.56	64.442		
2,300.00	2,261.75	2,142.20	2,114.17	7.84	7.38	-53.58	-135.27	1,183.48	941.70	926.98	14.72	63.953		
2,400.00	2,359.49	2,241.91	2,212.12	7.96	7.47	-53.99	-143.23	1,200.38	944.93	930.01	14.92	63.333		
2,500.00	2,457.23	2,341.63	2,310.07	8.10	7.57	-54.41	-151.18	1,217.29	948.21	933.06	15.15	62.597		
2,600.00	2,554.98	2,441.34	2,408.01	8.26	7.68	-54.82	-159.14	1,234.20	951.53	936.13	15.41	61.759		
2,700.00	2,652.72	2,541.05	2,505.96	8.42	7.81	-55.22	-167.09	1,251.10	954.91	939.21	15.70	60.836		
2,800.00	2,750.46	2,640.76	2,603.90	8.61	7.96	-55.63	-175.05	1,268.01	958.33	942.32	16.01	59.842		
2,900.00	2,848.20	2,740.48	2,701.85	8.80	8.12	-56.03	-183.00	1,284.92	961.80	945.44	16.36	58.793		
3,000.00	2,945.94	2,840.19	2,799.79	9.01	8.29	-56.43	-190.96	1,301.82	965.32	948.59	16.73	57.703		
3,100.00	3,043.68	2,939.90	2,897.74	9.22	8.47	-56.83	-198.91	1,318.73	968.89	951.76	17.12	56.585		
3,200.00	3,141.43	3,039.61	2,995.69	9.45	8.66	-57.22	-206.86	1,335.63	972.50	954.96	17.54	55.449		
3,300.00	3,239.17	3,139.32	3,093.63	9.69	8.86	-57.61	-214.82	1,352.54	976.15	958.18	17.98	54.305		
3,400.00	3,336.91	3,239.04	3,191.58	9.93	9.07	-58.00	-222.77	1,369.45	979.85	961.42	18.43	53.163		
3,500.00	3,434.65	3,338.75	3,289.52	10.19	9.29	-58.38	-230.73	1,386.35	983.60	964.69	18.91	52.028		
3,600.00	3,532.39	3,438.46	3,387.47	10.45	9.52	-58.76	-238.68	1,403.26	987.39	967.99	19.40	50.908		
3,700.00	3,630.13	3,538.17	3,485.42	10.72	9.76	-59.14	-246.64	1,420.17	991.22	971.32	19.90	49.806		
3,800.00	3,727.87	3,637.88	3,583.36	11.00	10.00	-59.52	-254.59	1,437.07	995.10	974.68	20.42	48.727		
3,900.00	3,825.62	3,737.60	3,681.31	11.28	10.26	-59.89	-262.55	1,453.98	999.02	978.06	20.96	47.674		
4,000.00	3,923.36	3,837.31	3,779.25	11.57	10.51	-60.26	-270.50	1,470.88	1,002.98	981.48	21.50	46.647		
4,100.00	4,021.10	3,937.02	3,877.20	11.86	10.77	-60.62	-278.46	1,487.79	1,006.98	984.92	22.06	45.650		
4,200.00	4,118.84	4,036.73	3,975.15	12.16	11.04	-60.99	-286.41	1,504.70	1,011.03	988.40	22.63	44.682		
4,300.00	4,216.58	4,136.44	4,073.09	12.46	11.32	-61.35	-294.37	1,521.60	1,015.11	991.91	23.21	43.745		
4,400.00	4,314.32	4,236.16	4,171.04	12.77	11.59	-61.71	-302.32	1,538.51	1,019.23	995.44	23.79	42.839		
4,500.00	4,412.07	4,335.87	4,268.98	13.08	11.87	-62.06	-310.28	1,555.42	1,023.40	999.01	24.39	41.963		
4,600.00	4,509.81	4,435.58	4,366.93	13.39	12.16	-62.41	-318.23	1,572.32	1,027.60	1,002.61	24.99	41.117		
4,700.00	4,607.55	4,535.29	4,464.87	13.71	12.45	-62.76	-326.19	1,589.23	1,031.84	1,006.24	25.60	40.301		
4,800.00	4,705.29	4,635.00	4,562.82	14.03	12.74	-63.11	-334.14	1,606.13	1,036.12	1,009.90	26.22	39.515		
4,900.00	4,803.03	4,734.72	4,660.77	14.35	13.04	-63.45	-342.09	1,623.04	1,040.44	1,013.59	26.85	38.756		
5,000.00	4,900.77	4,834.43	4,758.71	14.68	13.34	-63.80	-350.05	1,639.95	1,044.79	1,017.32	27.48	38.025		
5,100.00	4,998.52	4,934.14	4,856.66	15.01	13.64	-64.13	-358.00	1,656.85	1,049.19	1,021.07	28.11	37.320		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,200.00	5,096.26	5,033.85	4,954.60	15.34	13.94	-64.47	-365.96	1,673.76	1,053.61	1,024.86	28.75	36.641		
5,300.00	5,194.00	5,133.56	5,052.55	15.67	14.25	-64.80	-373.91	1,690.67	1,058.08	1,028.68	29.40	35.987		
5,400.00	5,291.74	5,233.28	5,150.50	16.01	14.56	-65.13	-381.87	1,707.57	1,062.58	1,032.52	30.05	35.357		
5,500.00	5,389.48	5,332.99	5,248.44	16.35	14.87	-65.46	-389.82	1,724.48	1,067.11	1,036.40	30.71	34.750		
5,600.00	5,487.22	5,432.70	5,346.39	16.69	15.18	-65.78	-397.78	1,741.38	1,071.68	1,040.31	31.37	34.164		
5,700.00	5,584.96	5,532.41	5,444.33	17.03	15.50	-66.10	-405.73	1,758.29	1,076.28	1,044.25	32.03	33.600		
5,800.00	5,682.71	5,632.12	5,542.28	17.37	15.82	-66.42	-413.69	1,775.20	1,080.92	1,048.22	32.70	33.056		
5,900.00	5,780.45	5,731.84	5,640.22	17.72	16.14	-66.74	-421.64	1,792.10	1,085.59	1,052.22	33.37	32.532		
6,000.00	5,878.19	5,831.55	5,738.17	18.06	16.46	-67.05	-429.60	1,809.01	1,090.29	1,056.24	34.04	32.026		
6,100.00	5,975.93	5,931.26	5,836.12	18.41	16.78	-67.36	-437.55	1,825.92	1,095.02	1,060.30	34.72	31.538		
6,200.00	6,073.67	6,032.84	5,934.07	18.76	17.10	-67.66	-445.50	1,842.83	1,100.00	1,064.44	35.40	31.050		
6,300.00	6,171.41	6,132.41	6,032.00	19.11	17.42	-67.96	-453.45	1,859.74	1,105.08	1,068.64	36.08	30.562		
6,400.00	6,269.16	6,231.66	6,130.93	19.46	17.74	-68.26	-461.40	1,876.65	1,110.16	1,072.88	36.76	30.074		
6,500.00	6,366.90	6,330.71	6,230.86	19.81	18.06	-68.56	-469.35	1,893.56	1,115.24	1,077.12	37.44	29.586		
6,600.00	6,464.63	6,435.56	6,330.79	20.17	18.38	-68.86	-477.30	1,910.47	1,120.32	1,081.36	38.12	29.098		
6,700.00	6,562.37	6,538.11	6,430.72	20.52	18.70	-69.16	-485.25	1,927.38	1,125.40	1,085.56	38.80	28.610		
6,800.00	6,660.11	6,637.66	6,530.65	20.87	19.02	-69.46	-493.20	1,944.29	1,130.48	1,089.80	39.48	28.122		
6,900.00	6,757.85	6,739.81	6,630.58	21.22	19.34	-69.76	-501.15	1,961.20	1,135.56	1,094.04	40.16	27.634		
7,000.00	6,855.59	6,839.56	6,730.51	21.57	19.66	-70.06	-509.10	1,978.11	1,140.64	1,098.32	40.84	27.146		
7,100.00	6,953.33	6,935.81	6,830.44	21.92	19.98	-70.36	-517.05	1,995.02	1,145.72	1,102.64	41.52	26.658		
7,200.00	7,051.07	7,035.56	6,930.37	22.27	20.30	-70.66	-525.00	2,011.93	1,150.80	1,107.00	42.20	26.170		
7,300.00	7,148.81	7,130.81	7,030.30	22.62	20.62	-70.96	-532.95	2,028.84	1,155.88	1,111.36	42.88	25.682		
7,400.00	7,246.55	7,229.56	7,130.23	22.97	20.94	-71.26	-540.90	2,045.75	1,160.96	1,115.72	43.56	25.194		
7,500.00	7,344.29	7,333.31	7,230.16	23.32	21.26	-71.56	-548.85	2,062.66	1,166.04	1,120.08	44.24	24.706		
7,600.00	7,442.03	7,437.06	7,330.09	23.67	21.58	-71.86	-556.80	2,079.57	1,171.12	1,124.44	44.92	24.218		
7,700.00	7,539.77	7,540.81	7,430.02	24.02	21.90	-72.16	-564.75	2,096.48	1,176.20	1,128.80	45.60	23.730		
7,800.00	7,637.51	7,644.56	7,530.00	24.37	22.22	-72.46	-572.70	2,113.39	1,181.28	1,133.16	46.28	23.242		
7,900.00	7,735.25	7,739.31	7,630.00	24.72	22.54	-72.76	-580.65	2,130.30	1,186.36	1,137.52	46.96	22.754		
8,000.00	7,832.99	7,834.06	7,730.00	25.07	22.86	-73.06	-588.60	2,147.21	1,191.44	1,141.88	47.64	22.266		
8,100.00	7,930.73	7,935.81	7,830.00	25.42	23.18	-73.36	-596.55	2,164.12	1,196.52	1,146.24	48.32	21.778		
8,200.00	8,028.47	8,034.56	7,930.00	25.77	23.50	-73.66	-604.50	2,181.03	1,201.60	1,150.60	49.00	21.290		
8,300.00	8,126.21	8,132.31	8,030.00	26.12	23.82	-73.96	-612.45	2,197.94	1,206.68	1,154.96	49.68	20.802		
8,400.00	8,223.95	8,230.06	8,130.00	26.47	24.14	-74.26	-620.40	2,214.85	1,211.76	1,159.32	50.36	20.314		
8,500.00	8,321.69	8,328.81	8,230.00	26.82	24.46	-74.56	-628.35	2,231.76	1,216.84	1,163.68	51.04	19.826		
8,600.00	8,419.43	8,427.56	8,330.00	27.17	24.78	-74.86	-636.30	2,248.67	1,221.92	1,168.04	51.72	19.338		
8,700.00	8,517.17	8,516.31	8,430.00	27.52	25.10	-75.16	-644.25	2,265.58	1,227.00	1,172.40	52.40	18.850		
8,800.00	8,614.91	8,614.56	8,530.00	27.87	25.42	-75.46	-652.20	2,282.49	1,232.08	1,176.76	53.08	18.362		
8,900.00	8,712.65	8,712.31	8,630.00	28.22	25.74	-75.76	-660.15	2,299.40	1,237.16	1,181.12	53.76	17.874		
9,000.00	8,810.39	8,809.06	8,730.00	28.57	26.06	-76.06	-668.10	2,316.31	1,242.24	1,185.48	54.44	17.386		
9,100.00	8,908.13	8,906.81	8,830.00	28.92	26.38	-76.36	-676.05	2,333.22	1,247.32	1,189.84	55.12	16.898		
9,200.00	9,005.87	8,999.56	8,930.00	29.27	26.70	-76.66	-684.00	2,350.13	1,252.40	1,194.20	55.80	16.410		
9,300.00	9,103.61	9,097.31	9,030.00	29.62	27.02	-76.96	-691.95	2,367.04	1,257.48	1,198.56	56.48	15.922		
9,400.00	9,201.35	9,195.06	9,130.00	29.97	27.34	-77.26	-699.90	2,383.95	1,262.56	1,202.92	57.16	15.434		
9,500.00	9,299.09	9,292.81	9,230.00	30.32	27.66	-77.56	-707.85	2,400.86	1,267.64	1,207.28	57.84	14.946		
9,600.00	9,396.83	9,390.56	9,330.00	30.67	27.98	-77.86	-715.80	2,417.77	1,272.72	1,211.64	58.52	14.458		
9,700.00	9,494.57	9,488.31	9,430.00	31.02	28.30	-78.16	-723.75	2,434.68	1,277.80	1,216.00	59.20	13.970		
9,800.00	9,592.31	9,586.06	9,530.00	31.37	28.62	-78.46	-731.70	2,451.59	1,282.88	1,220.36	59.88	13.482		
9,900.00	9,690.05	9,683.81	9,630.00	31.72	28.94	-78.76	-739.65	2,468.50	1,287.96	1,224.72	60.56	12.994		
10,000.00	9,787.79	9,781.56	9,730.00	32.07	29.26	-79.06	-747.60	2,485.41	1,293.04	1,229.08	61.24	12.506		
10,100.00	9,885.53	9,879.31	9,830.00	32.42	29.58	-79.36	-755.55	2,502.32	1,298.12	1,233.44	61.92	12.018		
10,200.00	9,983.27	9,977.06	9,930.00	32.77	29.90	-79.66	-763.50	2,519.23	1,303.20	1,237.80	62.60	11.530		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 34N-6B-M - 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>		
10,300.00	6,977.17	6,700.00	6,593.31	65.82	18.92	-52.05	-499.29	1,918.55	2,490.23	2,452.58	37.65	66.133		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	90.10	-1.44	859.73	859.73					
100.00	100.00	100.00	100.00	3.28	3.28	90.10	-1.44	859.73	859.73	852.20	7.53	114.191		
200.00	200.00	200.00	200.00	3.31	3.31	90.10	-1.44	859.73	859.73	852.16	7.57	113.512		
300.00	299.98	290.57	290.57	3.35	3.34	-45.98	-1.62	859.95	858.79	851.14	7.65	112.239		
400.00	399.84	371.73	371.70	3.41	3.39	-46.10	-3.08	861.73	857.35	849.60	7.75	110.610		
500.00	499.45	452.94	452.77	3.49	3.45	-46.28	-5.99	865.29	855.68	847.79	7.89	108.495		
600.00	598.70	534.21	533.74	3.61	3.52	-46.49	-10.36	870.63	853.79	845.73	8.06	105.883		
700.00	697.47	615.54	614.55	3.76	3.62	-46.75	-16.19	877.75	851.70	843.41	8.29	102.782		
800.00	795.62	696.95	695.14	3.96	3.73	-47.05	-23.48	886.65	849.41	840.85	8.56	99.203		
900.00	893.37	778.49	775.50	4.21	3.88	-47.30	-32.23	897.35	847.89	839.00	8.89	95.338		
920.24	913.15	795.01	791.73	4.26	3.91	-47.34	-34.18	899.73	847.85	838.88	8.97	94.563		
1,000.00	991.11	860.15	855.55	4.48	4.06	-47.45	-42.44	909.82	848.53	839.26	9.27	91.520		
1,100.00	1,088.85	955.68	948.79	4.78	4.30	-47.54	-55.60	925.90	850.72	840.98	9.74	87.334		
1,200.00	1,186.59	1,055.64	1,046.35	5.10	4.58	-47.62	-69.41	942.77	852.97	842.70	10.27	83.062		
1,300.00	1,284.33	1,155.61	1,143.91	5.44	4.89	-47.71	-83.22	959.65	855.23	844.39	10.83	78.933		
1,400.00	1,382.08	1,255.58	1,241.46	5.80	5.23	-47.80	-97.03	976.52	857.48	846.05	11.43	75.006		
1,500.00	1,479.82	1,355.54	1,339.02	6.16	5.58	-47.88	-110.84	993.40	859.74	847.69	12.06	71.312		
1,600.00	1,577.56	1,455.51	1,436.58	6.54	5.94	-47.97	-124.65	1,010.27	862.00	849.30	12.70	67.867		
1,700.00	1,675.30	1,555.47	1,534.14	6.92	6.32	-48.06	-138.46	1,027.15	864.26	850.90	13.37	64.655		
1,800.00	1,773.04	1,655.44	1,631.70	7.31	6.70	-48.14	-152.28	1,044.02	866.53	852.48	14.05	61.678		
1,900.00	1,870.78	1,755.41	1,729.26	7.53	7.10	-48.23	-166.09	1,060.90	868.79	854.42	14.37	60.461		
2,000.00	1,968.53	1,855.37	1,826.82	7.58	7.40	-48.31	-179.90	1,077.78	871.06	856.57	14.49	60.103		
2,100.00	2,066.27	1,955.34	1,924.37	7.65	7.52	-48.40	-193.71	1,094.65	873.33	858.68	14.65	59.597		
2,200.00	2,164.01	2,055.30	2,021.93	7.74	7.59	-48.48	-207.52	1,111.53	875.60	860.83	14.78	59.253		
2,300.00	2,261.75	2,155.27	2,119.49	7.84	7.67	-48.56	-221.33	1,128.40	877.88	862.94	14.94	58.772		
2,400.00	2,359.49	2,255.24	2,217.05	7.96	7.77	-48.65	-235.14	1,145.28	880.15	865.02	15.13	58.165		
2,500.00	2,457.23	2,355.20	2,314.61	8.10	7.89	-48.73	-248.96	1,162.15	882.43	867.07	15.36	57.447		
2,600.00	2,554.98	2,455.17	2,412.17	8.26	8.02	-48.81	-262.77	1,179.03	884.71	869.09	15.62	56.632		
2,700.00	2,652.72	2,555.13	2,509.73	8.42	8.17	-48.89	-276.58	1,195.90	886.99	871.07	15.91	55.736		
2,800.00	2,750.46	2,655.10	2,607.28	8.61	8.34	-48.97	-290.39	1,212.78	889.27	873.04	16.24	54.774		
2,900.00	2,848.20	2,755.07	2,704.84	8.80	8.52	-49.05	-304.20	1,229.66	891.55	874.97	16.58	53.761		
3,000.00	2,945.94	2,855.03	2,802.40	9.01	8.71	-49.13	-318.01	1,246.53	893.84	876.88	16.96	52.710		
3,100.00	3,043.68	2,955.00	2,899.96	9.22	8.92	-49.21	-331.83	1,263.41	896.13	878.77	17.36	51.633		
3,200.00	3,141.43	3,054.96	2,997.52	9.45	9.13	-49.29	-345.64	1,280.28	898.42	880.64	17.78	50.540		
3,300.00	3,239.17	3,154.93	3,095.08	9.69	9.36	-49.37	-359.45	1,297.16	900.71	882.49	18.22	49.442		
3,400.00	3,336.91	3,254.90	3,192.64	9.93	9.60	-49.45	-373.26	1,314.03	903.00	884.32	18.68	48.345		
3,500.00	3,434.65	3,354.86	3,290.19	10.19	9.85	-49.53	-387.07	1,330.91	905.30	886.14	19.16	47.258		
3,600.00	3,532.39	3,454.83	3,387.75	10.45	10.11	-49.61	-400.88	1,347.78	907.59	887.94	19.65	46.184		
3,700.00	3,630.13	3,554.79	3,485.31	10.72	10.37	-49.68	-414.69	1,364.66	909.89	889.73	20.16	45.129		
3,800.00	3,727.87	3,654.76	3,582.87	11.00	10.64	-49.76	-428.51	1,381.54	912.19	891.50	20.69	44.096		
3,900.00	3,825.62	3,754.73	3,680.43	11.28	10.92	-49.84	-442.32	1,398.41	914.49	893.27	21.22	43.087		
4,000.00	3,923.36	3,854.69	3,777.99	11.57	11.21	-49.91	-456.13	1,415.29	916.79	895.02	21.77	42.105		
4,100.00	4,021.10	3,954.66	3,875.55	11.86	11.50	-49.99	-469.94	1,432.16	919.10	896.76	22.34	41.150		
4,200.00	4,118.84	4,054.63	3,973.10	12.16	11.79	-50.06	-483.75	1,449.04	921.40	898.50	22.91	40.224		
4,300.00	4,216.58	4,154.59	4,070.66	12.46	12.10	-50.14	-497.56	1,465.91	923.71	900.22	23.49	39.327		
4,400.00	4,314.32	4,254.56	4,168.22	12.77	12.40	-50.21	-511.37	1,482.79	926.02	901.94	24.08	38.459		
4,500.00	4,412.07	4,354.52	4,265.78	13.08	12.71	-50.29	-525.19	1,499.66	928.33	903.66	24.68	37.620		
4,600.00	4,509.81	4,454.49	4,363.34	13.39	13.03	-50.36	-539.00	1,516.54	930.64	905.36	25.28	36.809		
4,700.00	4,607.55	4,554.46	4,460.90	13.71	13.35	-50.44	-552.81	1,533.42	932.96	907.06	25.90	36.027		
4,800.00	4,705.29	4,654.42	4,558.46	14.03	13.67	-50.51	-566.62	1,550.29	935.27	908.76	26.52	35.272		
4,900.00	4,803.03	4,754.39	4,656.01	14.35	13.99	-50.58	-580.43	1,567.17	937.59	910.45	27.14	34.543		
5,000.00	4,900.77	4,854.35	4,753.57	14.68	14.32	-50.65	-594.24	1,584.04	939.91	912.13	27.78	33.840		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	4,954.32	4,851.13	15.01	14.65	-50.73	-608.06	1,600.92	942.23	913.82	28.41	33.162		
5,200.00	5,096.26	5,054.29	4,948.69	15.34	14.99	-50.80	-621.87	1,617.79	944.55	915.50	29.06	32.509		
5,300.00	5,194.00	5,154.25	5,046.25	15.67	15.32	-50.87	-635.68	1,634.67	946.87	917.17	29.70	31.878		
5,400.00	5,291.74	5,254.22	5,143.81	16.01	15.66	-50.94	-649.49	1,651.54	949.20	918.84	30.36	31.270		
5,500.00	5,389.48	5,354.18	5,241.37	16.35	16.00	-51.01	-663.30	1,668.42	951.52	920.51	31.01	30.683		
5,600.00	5,487.22	5,454.15	5,338.92	16.69	16.35	-51.08	-677.11	1,685.30	953.85	922.18	31.67	30.117		
5,700.00	5,584.96	5,554.12	5,436.48	17.03	16.69	-51.15	-690.92	1,702.17	956.18	923.84	32.34	29.571		
5,800.00	5,682.71	5,654.08	5,534.04	17.37	17.04	-51.22	-704.74	1,719.05	958.51	925.51	33.00	29.043		
5,900.00	5,780.45	5,754.05	5,631.60	17.72	17.39	-51.29	-718.55	1,735.92	960.84	927.17	33.67	28.534		
6,000.00	5,878.19	5,854.01	5,729.16	18.06	17.73	-51.36	-732.36	1,752.80	963.17	928.83	34.35	28.042		
6,100.00	5,975.93	5,953.98	5,826.72	18.41	18.09	-51.43	-746.17	1,769.67	965.51	930.48	35.02	27.567		
6,200.00	6,073.67	6,053.95	5,924.28	18.76	18.44	-51.50	-759.98	1,786.55	967.84	932.14	35.70	27.108		
6,300.00	6,171.41	6,153.91	6,021.83	19.11	18.79	-51.57	-773.79	1,803.42	970.18	933.80	36.39	26.664		
6,400.00	6,269.16	6,126.54	7,177.52	19.46	22.48	160.70	-950.95	832.69	910.60	880.59	30.01	30.345		
6,500.00	6,366.90	8,108.40	7,178.19	19.81	22.33	163.51	-950.83	850.83	812.77	782.57	30.21	26.907		
6,600.00	6,464.63	8,109.82	7,178.85	20.17	22.34	167.63	-950.72	869.03	715.10	684.57	30.53	23.424		
6,700.00	6,560.49	8,062.95	7,179.85	20.55	21.98	175.62	-950.55	896.24	619.83	589.22	30.61	20.247		
6,800.00	6,651.48	8,021.02	7,181.38	21.01	21.68	179.94	-950.28	938.14	530.28	499.52	30.76	17.241		
6,900.00	6,735.38	7,965.43	7,183.41	21.54	21.33	-176.99	-949.93	993.69	448.73	417.84	30.89	14.525		
7,000.00	6,810.10	7,897.54	7,185.89	22.15	20.99	-174.26	-949.50	1,061.54	377.31	346.25	31.07	12.146		
7,100.00	6,873.81	7,819.02	7,188.75	22.82	20.74	-171.53	-949.01	1,140.00	317.85	286.51	31.34	10.143		
7,200.00	6,924.94	7,732.92	7,191.89	23.57	20.60	-168.80	-948.46	1,226.04	271.77	240.01	31.76	8.557		
7,300.00	6,962.24	7,590.68	7,182.00	24.38	20.60	-163.16	-945.40	1,367.61	230.55	198.52	32.03	7.199		
7,400.00	6,984.78	7,466.81	7,148.23	25.26	20.67	-155.56	-939.18	1,486.42	186.81	152.33	34.48	5.418		
7,500.07	6,992.00	7,357.06	7,099.77	26.19	20.75	-144.44	-931.09	1,584.41	144.66	105.79	38.86	3.782		
7,600.00	6,991.48	7,263.35	7,045.72	27.18	20.82	-122.39	-922.45	1,660.36	107.00	62.22	44.78	2.329		
7,678.13	6,991.06	7,203.00	7,005.29	28.01	20.86	-98.79	-916.13	1,704.69	93.14	46.62	46.52	2.002 CC, ES, SF		
7,700.00	6,990.95	7,187.90	6,994.54	28.24	20.86	-92.16	-914.47	1,715.16	94.45	48.94	45.51	2.075		
7,800.00	6,990.42	7,127.48	6,949.13	29.37	20.89	-67.51	-907.49	1,754.38	130.48	92.49	37.99	3.435		
7,900.00	6,989.89	7,078.81	6,910.01	30.54	20.90	-52.88	-901.55	1,782.70	195.95	161.08	34.87	5.620		
8,000.00	6,989.36	7,039.20	6,876.67	31.77	20.91	-44.40	-896.52	1,803.45	273.62	239.09	34.53	7.924		
8,100.00	6,988.83	7,006.58	6,848.28	33.04	20.91	-39.15	-892.27	1,818.95	357.36	322.45	34.92	10.235		
8,200.00	6,988.30	6,979.37	6,824.03	34.34	20.90	-35.66	-888.65	1,830.74	444.76	409.33	35.44	12.551		
8,300.00	6,987.77	6,950.00	6,797.31	35.68	20.89	-32.57	-884.68	1,842.27	534.69	498.89	35.80	14.935		
8,400.00	6,987.24	6,936.84	6,785.18	37.05	20.89	-31.38	-882.88	1,847.03	626.24	589.86	36.39	17.211		
8,500.00	6,986.71	6,919.97	6,769.48	38.44	20.88	-29.99	-880.56	1,852.76	719.20	682.42	36.78	19.554		
8,600.00	6,986.18	6,900.00	6,750.71	39.85	20.87	-28.52	-877.80	1,859.00	813.22	776.17	37.05	21.950		
8,700.00	6,985.65	6,900.00	6,750.71	41.29	20.87	-28.52	-877.80	1,859.00	908.05	870.52	37.53	24.198		
8,800.00	6,985.12	6,881.11	6,732.79	42.74	20.86	-27.29	-875.16	1,864.35	1,003.43	965.73	37.70	26.619		
8,900.00	6,984.59	6,871.03	6,723.16	44.21	20.85	-26.68	-873.75	1,866.99	1,099.42	1,061.49	37.94	28.981		
9,000.00	6,984.06	6,850.00	6,702.95	45.69	20.83	-25.53	-870.79	1,871.99	1,196.04	1,158.01	38.04	31.446		
9,100.00	6,983.53	6,850.00	6,702.95	47.19	20.83	-25.53	-870.79	1,871.99	1,292.71	1,254.39	38.32	33.736		
9,200.00	6,983.00	6,850.00	6,702.95	48.70	20.83	-25.53	-870.79	1,871.99	1,389.85	1,351.28	38.57	36.035		
9,300.00	6,982.47	6,850.00	6,702.95	50.22	20.83	-25.53	-870.79	1,871.99	1,487.37	1,448.57	38.79	38.340		
9,400.00	6,981.94	6,850.00	6,702.95	51.74	20.83	-25.53	-870.79	1,871.99	1,585.20	1,546.20	39.00	40.648		
9,500.00	6,981.41	6,828.27	6,681.91	53.28	20.81	-24.46	-867.72	1,876.44	1,682.77	1,643.75	39.02	43.126		
9,600.00	6,980.88	6,823.17	6,676.95	54.83	20.80	-24.23	-866.99	1,877.38	1,780.81	1,741.65	39.16	45.471		
9,700.00	6,980.35	6,818.46	6,672.36	56.38	20.80	-24.02	-866.33	1,878.21	1,879.01	1,839.71	39.30	47.810		
9,800.00	6,979.82	6,800.00	6,654.32	57.94	20.78	-23.25	-863.70	1,881.14	1,977.55	1,938.21	39.34	50.267		
9,900.00	6,979.29	6,800.00	6,654.32	59.51	20.78	-23.25	-863.70	1,881.14	2,075.91	2,036.41	39.50	52.557		
10,000.00	6,978.76	6,800.00	6,654.32	61.08	20.78	-23.25	-863.70	1,881.14	2,174.42	2,134.77	39.65	54.843		
10,100.00	6,978.23	6,800.00	6,654.32	62.65	20.78	-23.25	-863.70	1,881.14	2,273.06	2,233.27	39.79	57.124		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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 34N-6C-M - Wellbore #1 - Design #1												<b>Offset Site Error:</b> 0.00 usft	
Survey Program: 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	
Reference		Offset		Semi Major Axis			Distance					Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)		Separation Factor
10,200.00	6,977.70	6,800.00	6,654.32	64.24	20.78	-23.25	-863.70	1,881.14	2,371.82	2,331.89	39.93	59.399	
10,300.00	6,977.17	6,800.00	6,654.32	65.82	20.78	-23.25	-863.70	1,881.14	2,470.67	2,430.61	40.06	61.668	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-88.96	0.36	-20.05	20.05					
100.00	100.00	100.00	100.00	3.28	3.28	-88.96	0.36	-20.05	20.05	12.52	7.53	2.663		
200.00	200.00	200.00	200.00	3.31	3.31	-88.96	0.36	-20.05	20.05	12.47	7.57	2.647		
300.00	299.98	300.55	300.53	3.35	3.35	135.48	-0.75	-18.68	19.90	12.25	7.65	2.601		
400.00	399.84	401.10	400.94	3.41	3.41	136.85	-4.08	-14.57	19.47	11.70	7.76	2.508		
500.00	499.45	501.65	501.09	3.49	3.50	139.27	-9.63	-7.72	18.77	10.85	7.92	2.371		
600.00	598.70	602.18	600.86	3.61	3.61	142.96	-17.39	1.84	17.86	9.74	8.11	2.201		
700.00	697.47	702.70	700.13	3.76	3.77	148.25	-27.35	14.12	16.80	8.46	8.35	2.013		
769.83	766.08	772.72	768.95	3.90	3.91	153.32	-35.47	24.13	16.22	7.68	8.54	1.898 CC, ES		
800.00	795.62	802.87	798.57	3.96	3.97	156.25	-39.04	28.53	16.38	7.75	8.63	1.898		
900.00	893.37	902.82	896.73	4.21	4.20	166.12	-50.86	43.10	18.05	9.09	8.96	2.015		
1,000.00	991.11	1,002.76	994.90	4.48	4.46	174.14	-62.68	57.67	20.17	10.84	9.32	2.163		
1,100.00	1,088.85	1,102.70	1,093.06	4.78	4.74	-179.46	-74.50	72.24	22.61	12.87	9.73	2.323		
1,200.00	1,186.59	1,202.64	1,191.23	5.10	5.04	-174.36	-86.32	86.81	25.27	15.09	10.19	2.481		
1,300.00	1,284.33	1,302.58	1,289.39	5.44	5.35	-170.26	-98.14	101.38	28.10	17.42	10.68	2.632		
1,400.00	1,382.08	1,402.53	1,387.56	5.80	5.68	-166.92	-109.96	115.95	31.04	19.84	11.20	2.772		
1,500.00	1,479.82	1,502.47	1,485.72	6.16	6.01	-164.17	-121.78	130.52	34.07	22.32	11.75	2.899		
1,600.00	1,577.56	1,602.41	1,583.89	6.54	6.36	-161.87	-133.60	145.09	37.17	24.84	12.33	3.015		
1,700.00	1,675.30	1,702.35	1,682.05	6.92	6.71	-159.92	-145.42	159.66	40.32	27.39	12.92	3.119		
1,800.00	1,773.04	1,802.29	1,780.22	7.31	7.07	-158.26	-157.24	174.23	43.51	29.97	13.54	3.214		
1,900.00	1,870.78	1,902.24	1,878.38	7.53	7.26	-156.83	-169.06	188.80	46.72	33.23	13.50	3.462		
2,000.00	1,968.53	2,002.18	1,976.55	7.58	7.31	-155.58	-180.88	203.37	49.97	36.38	13.58	3.678		
2,100.00	2,066.27	2,102.12	2,074.71	7.65	7.37	-154.49	-192.70	217.94	53.23	39.53	13.70	3.885		
2,200.00	2,164.01	2,202.06	2,172.88	7.74	7.45	-153.52	-204.52	232.51	56.51	42.66	13.85	4.080		
2,300.00	2,261.75	2,302.00	2,271.04	7.84	7.54	-152.66	-216.34	247.08	59.81	45.78	14.03	4.262		
2,400.00	2,359.49	2,401.94	2,369.21	7.96	7.65	-151.89	-228.16	261.65	63.12	48.88	14.24	4.432		
2,500.00	2,457.23	2,501.89	2,467.37	8.10	7.78	-151.19	-239.98	276.22	66.44	51.96	14.48	4.588		
2,600.00	2,554.98	2,601.83	2,565.54	8.26	7.92	-150.57	-251.79	290.79	69.76	55.02	14.75	4.731		
2,700.00	2,652.72	2,701.77	2,663.70	8.42	8.08	-149.99	-263.61	305.36	73.10	58.06	15.04	4.861		
2,800.00	2,750.46	2,801.71	2,761.87	8.61	8.24	-149.47	-275.43	319.93	76.44	61.08	15.36	4.978		
2,900.00	2,848.20	2,901.65	2,860.03	8.80	8.42	-149.00	-287.25	334.50	79.79	64.09	15.69	5.084		
3,000.00	2,945.94	3,001.60	2,958.20	9.01	8.61	-148.56	-299.07	349.07	83.14	67.08	16.06	5.178		
3,100.00	3,043.68	3,101.54	3,056.36	9.22	8.81	-148.15	-310.89	363.64	86.50	70.06	16.44	5.262		
3,200.00	3,141.43	3,201.48	3,154.53	9.45	9.03	-147.78	-322.71	378.21	89.86	73.02	16.84	5.337		
3,300.00	3,239.17	3,301.42	3,252.69	9.69	9.25	-147.43	-334.53	392.78	93.22	75.97	17.26	5.402		
3,400.00	3,336.91	3,401.36	3,350.86	9.93	9.48	-147.11	-346.35	407.35	96.59	78.90	17.69	5.460		
3,500.00	3,434.65	3,501.31	3,449.02	10.19	9.71	-146.80	-358.17	421.92	99.96	81.82	18.14	5.510		
3,600.00	3,532.39	3,601.25	3,547.19	10.45	9.96	-146.52	-369.99	436.49	103.33	84.73	18.61	5.554		
3,700.00	3,630.13	3,701.19	3,645.35	10.72	10.21	-146.26	-381.81	451.06	106.71	87.62	19.08	5.591		
3,800.00	3,727.87	3,801.13	3,743.52	11.00	10.47	-146.01	-393.63	465.63	110.09	90.51	19.57	5.624		
3,900.00	3,825.62	3,901.07	3,841.68	11.28	10.73	-145.78	-405.45	480.20	113.47	93.39	20.08	5.652		
4,000.00	3,923.36	4,001.01	3,939.85	11.57	11.00	-145.56	-417.27	494.77	116.85	96.26	20.59	5.675		
4,100.00	4,021.10	4,100.96	4,038.01	11.86	11.27	-145.35	-429.09	509.34	120.23	99.12	21.11	5.695		
4,200.00	4,118.84	4,200.90	4,136.18	12.16	11.55	-145.15	-440.91	523.91	123.61	101.97	21.64	5.712		
4,300.00	4,216.58	4,300.84	4,234.34	12.46	11.84	-144.97	-452.73	538.48	127.00	104.82	22.18	5.726		
4,400.00	4,314.32	4,400.78	4,332.51	12.77	12.12	-144.79	-464.55	553.05	130.39	107.66	22.73	5.737		
4,500.00	4,412.07	4,500.72	4,430.67	13.08	12.42	-144.63	-476.37	567.62	133.77	110.49	23.28	5.746		
4,600.00	4,509.81	4,600.67	4,528.84	13.39	12.71	-144.47	-488.19	582.19	137.16	113.32	23.84	5.753		
4,700.00	4,607.55	4,700.61	4,627.00	13.71	13.01	-144.32	-500.01	596.76	140.55	116.14	24.41	5.758		
4,800.00	4,705.29	4,800.55	4,725.17	14.03	13.31	-144.17	-511.83	611.33	143.95	118.96	24.98	5.762		
4,900.00	4,803.03	4,900.49	4,823.33	14.35	13.61	-144.04	-523.65	625.90	147.34	121.78	25.56	5.764		
5,000.00	4,900.77	5,000.43	4,921.50	14.68	13.92	-143.90	-535.47	640.47	150.73	124.58	26.15	5.765		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	5,100.37	5,019.66	15.01	14.23	-143.78	-547.29	655.04	154.12	127.39	26.73	5.765		
5,200.00	5,096.26	5,200.32	5,117.83	15.34	14.54	-143.66	-559.11	669.61	157.52	130.19	27.33	5.764		
5,300.00	5,194.00	5,300.26	5,215.99	15.67	14.86	-143.54	-570.93	684.18	160.91	132.99	27.92	5.762		
5,400.00	5,291.74	5,400.20	5,314.16	16.01	15.17	-143.43	-582.75	698.75	164.31	135.78	28.53	5.760		
5,500.00	5,389.48	5,500.14	5,412.32	16.35	15.49	-143.33	-594.57	713.32	167.70	138.57	29.13	5.757		
5,600.00	5,487.22	5,600.08	5,510.49	16.69	15.81	-143.23	-606.39	727.89	171.10	141.36	29.74	5.753		
5,700.00	5,584.96	5,700.03	5,608.65	17.03	16.13	-143.13	-618.21	742.46	174.50	144.15	30.35	5.749		
5,800.00	5,682.71	5,800.03	5,706.82	17.37	16.46	-143.04	-630.03	757.03	177.90	146.93	30.97	5.745		
5,900.00	5,780.45	5,900.09	5,804.98	17.72	16.78	-142.95	-641.85	771.60	181.29	149.71	31.58	5.740		
6,000.00	5,878.19	6,000.15	5,903.15	18.06	17.11	-142.86	-653.67	786.17	184.69	152.49	32.20	5.735		
6,100.00	5,975.93	6,100.21	6,001.31	18.41	17.44	-142.77	-665.49	800.74	188.09	155.26	32.83	5.730		
6,200.00	6,073.67	6,200.27	6,099.48	18.76	17.77	-142.69	-677.31	815.31	191.49	158.04	33.45	5.724		
6,300.00	6,171.41	6,300.32	6,197.64	19.11	18.10	-142.62	-689.12	829.88	194.89	160.81	34.08	5.719		
6,400.00	6,269.16	6,400.38	6,295.81	19.46	18.43	-142.54	-700.94	844.45	198.29	163.58	34.71	5.713		
6,500.00	6,366.90	6,499.56	6,393.97	19.81	18.76	-142.47	-712.76	859.02	201.69	166.35	35.34	5.707		
6,600.00	6,464.63	6,600.50	6,492.14	20.17	19.09	-139.62	-724.58	873.59	205.10	169.12	35.97	5.701		
6,700.00	6,560.49	6,701.10	6,589.76	20.55	19.43	-124.12	-736.34	888.08	209.61	173.22	36.39	5.760		
6,800.00	6,651.48	6,804.41	6,684.74	21.01	19.78	-121.96	-747.77	902.18	217.77	181.25	36.51	5.964		
6,900.00	6,735.38	6,887.90	6,775.41	21.54	20.06	-125.33	-758.69	915.65	233.82	197.35	36.47	6.410		
7,000.00	6,810.10	6,997.08	6,880.59	22.15	20.47	-131.40	-771.32	941.51	258.10	221.36	36.74	7.025		
7,100.00	6,873.81	7,117.99	6,990.04	22.82	21.03	-136.95	-784.37	990.74	286.05	248.90	37.14	7.701		
7,200.00	6,924.94	7,253.27	7,099.08	23.57	21.79	-141.68	-797.26	1,069.34	314.43	277.05	37.38	8.411		
7,300.00	6,962.24	7,405.06	7,198.72	24.38	22.82	-145.44	-808.87	1,182.78	339.93	302.49	37.43	9.081		
7,400.00	6,984.78	7,573.49	7,274.67	25.26	24.17	-148.10	-817.48	1,332.31	359.24	321.58	37.65	9.541		
7,500.07	6,992.00	7,754.92	7,310.02	26.19	25.83	-149.49	-821.08	1,509.61	369.49	330.69	38.81	9.522		
7,600.00	6,991.48	7,872.59	7,310.63	27.18	27.01	-149.55	-820.70	1,627.25	370.21	329.82	40.39	9.166		
7,700.00	6,990.95	7,972.59	7,310.17	28.24	28.08	-149.52	-820.25	1,727.25	370.42	328.52	41.90	8.841		
7,800.00	6,990.42	8,072.59	7,309.71	29.37	29.21	-149.48	-819.81	1,827.25	370.64	327.15	43.48	8.524		
7,900.00	6,989.89	8,172.59	7,309.25	30.54	30.39	-149.45	-819.37	1,927.25	370.85	325.73	45.13	8.218		
8,000.00	6,989.36	8,272.59	7,308.79	31.77	31.63	-149.41	-818.93	2,027.24	371.07	324.24	46.83	7.924		
8,100.00	6,988.83	8,372.59	7,308.33	33.04	32.90	-149.38	-818.49	2,127.24	371.28	322.70	48.58	7.643		
8,200.00	6,988.30	8,472.58	7,307.87	34.34	34.21	-149.34	-818.05	2,227.24	371.50	321.12	50.38	7.374		
8,300.00	6,987.77	8,572.58	7,307.41	35.68	35.55	-149.31	-817.61	2,327.23	371.71	319.49	52.22	7.118		
8,400.00	6,987.24	8,672.58	7,306.95	37.05	36.92	-149.27	-817.16	2,427.23	371.93	317.83	54.10	6.875		
8,500.00	6,986.71	8,772.58	7,306.49	38.44	38.32	-149.24	-816.72	2,527.23	372.14	316.14	56.01	6.645		
8,600.00	6,986.18	8,872.58	7,306.03	39.85	39.73	-149.20	-816.28	2,627.23	372.36	314.41	57.95	6.426		
8,700.00	6,985.65	8,972.58	7,305.57	41.29	41.17	-149.17	-815.84	2,727.22	372.58	312.66	59.92	6.218		
8,800.00	6,985.12	9,072.58	7,305.11	42.74	42.62	-149.14	-815.40	2,827.22	372.79	310.88	61.91	6.021		
8,900.00	6,984.59	9,172.58	7,304.65	44.21	44.09	-149.10	-814.96	2,927.22	373.01	309.08	63.93	5.834		
9,000.00	6,984.06	9,272.58	7,304.19	45.69	45.58	-149.07	-814.51	3,027.22	373.23	307.25	65.97	5.657		
9,100.00	6,983.53	9,372.58	7,303.73	47.19	47.08	-149.03	-814.07	3,127.21	373.44	305.41	68.03	5.489		
9,200.00	6,983.00	9,472.58	7,303.27	48.70	48.59	-149.00	-813.63	3,227.21	373.66	303.55	70.11	5.330		
9,300.00	6,982.47	9,572.58	7,302.81	50.22	50.11	-148.96	-813.19	3,327.21	373.88	301.68	72.20	5.178		
9,400.00	6,981.94	9,672.58	7,302.35	51.74	51.63	-148.93	-812.75	3,427.21	374.09	299.79	74.31	5.034		
9,500.00	6,981.41	9,772.58	7,301.89	53.28	53.17	-148.89	-812.31	3,527.20	374.31	297.88	76.43	4.897		
9,600.00	6,980.88	9,872.58	7,301.43	54.83	54.72	-148.86	-811.87	3,627.20	374.53	295.96	78.57	4.767		
9,700.00	6,980.35	9,972.58	7,300.97	56.38	56.27	-148.82	-811.42	3,727.20	374.75	294.03	80.72	4.643		
9,800.00	6,979.82	10,072.58	7,300.51	57.94	57.83	-148.79	-810.98	3,827.20	374.97	292.09	82.88	4.524		
9,900.00	6,979.29	10,172.58	7,300.05	59.51	59.40	-148.76	-810.54	3,927.19	375.18	290.14	85.05	4.411		
10,000.00	6,978.76	10,272.58	7,299.59	61.08	60.97	-148.72	-810.10	4,027.19	375.40	288.17	87.23	4.304		
10,100.00	6,978.23	10,372.58	7,299.13	62.65	62.55	-148.69	-809.66	4,127.19	375.62	286.20	89.42	4.201		
10,200.00	6,977.70	10,472.58	7,298.67	64.24	64.13	-148.65	-809.22	4,227.19	375.84	284.22	91.62	4.102		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,572.57	7,298.21	65.82	65.72	-148.62	-808.77	4,327.18	376.06	282.23	93.82	4.008		
10,400.00	6,976.64	10,672.57	7,297.75	67.41	67.31	-148.59	-808.33	4,427.18	376.27	280.24	96.04	3.918		
10,500.00	6,976.11	10,772.57	7,297.29	69.01	68.90	-148.55	-807.89	4,527.18	376.49	278.23	98.26	3.832		
10,600.00	6,975.58	10,872.57	7,296.83	70.61	70.50	-148.52	-807.45	4,627.18	376.71	276.22	100.49	3.749		
10,700.00	6,975.05	10,972.57	7,296.37	72.21	72.11	-148.48	-807.01	4,727.17	376.93	274.20	102.73	3.669		
10,800.00	6,974.52	11,072.57	7,295.91	73.81	73.71	-148.45	-806.57	4,827.17	377.15	272.18	104.97	3.593		
10,900.00	6,973.99	11,172.57	7,295.45	75.42	75.32	-148.42	-806.13	4,927.17	377.37	270.15	107.22	3.520		
11,000.00	6,973.46	11,272.57	7,294.99	77.03	76.93	-148.38	-805.68	5,027.17	377.59	268.11	109.48	3.449		
11,100.00	6,972.93	11,372.57	7,294.53	78.65	78.54	-148.35	-805.24	5,127.16	377.81	266.07	111.74	3.381		
11,200.00	6,972.40	11,472.57	7,294.07	80.26	80.16	-148.31	-804.80	5,227.16	378.03	264.02	114.00	3.316		
11,300.00	6,971.87	11,572.57	7,293.61	81.88	81.78	-148.28	-804.36	5,327.16	378.25	261.97	116.28	3.253		
11,400.00	6,971.34	11,672.57	7,293.15	83.50	83.40	-148.25	-803.92	5,427.16	378.47	259.92	118.55	3.192		
11,500.00	6,970.81	11,772.57	7,292.69	85.12	85.02	-148.21	-803.48	5,527.15	378.69	257.85	120.83	3.134		
11,600.00	6,970.28	11,872.57	7,292.23	86.75	86.64	-148.18	-803.03	5,627.15	378.91	255.79	123.12	3.078		
11,700.00	6,969.75	11,972.57	7,291.77	88.37	88.27	-148.15	-802.59	5,727.15	379.13	253.72	125.41	3.023		
11,800.00	6,969.22	12,072.57	7,291.31	90.00	89.90	-148.11	-802.15	5,827.15	379.35	251.64	127.71	2.970		
11,900.00	6,968.69	12,172.57	7,290.85	91.63	91.53	-148.08	-801.71	5,927.14	379.57	249.56	130.00	2.920		
12,000.00	6,968.16	12,272.57	7,290.39	93.26	93.16	-148.05	-801.27	6,027.14	379.79	247.48	132.31	2.870		
12,100.00	6,967.63	12,372.57	7,289.93	94.89	94.79	-148.01	-800.83	6,127.14	380.01	245.39	134.62	2.823		
12,200.00	6,967.10	12,472.57	7,289.47	96.53	96.42	-147.98	-800.39	6,227.14	380.23	243.30	136.93	2.777		
12,300.00	6,966.57	12,572.56	7,289.01	98.16	98.06	-147.95	-799.94	6,327.13	380.45	241.21	139.24	2.732		
12,400.00	6,966.04	12,672.56	7,288.55	99.80	99.70	-147.91	-799.50	6,427.13	380.67	239.11	141.56	2.689		
12,500.00	6,965.51	12,772.56	7,288.09	101.44	101.33	-147.88	-799.06	6,527.13	380.89	237.01	143.88	2.647		
12,600.00	6,964.98	12,872.56	7,287.63	103.08	102.97	-147.85	-798.62	6,627.13	381.12	234.91	146.21	2.607		
12,700.00	6,964.45	12,972.56	7,287.17	104.72	104.61	-147.81	-798.18	6,727.12	381.34	232.80	148.54	2.567		
12,800.00	6,963.92	13,072.56	7,286.71	106.36	106.25	-147.78	-797.74	6,827.12	381.56	230.69	150.87	2.529		
12,900.00	6,963.39	13,172.56	7,286.25	108.00	107.89	-147.75	-797.29	6,927.12	381.78	228.58	153.20	2.492		
13,000.00	6,962.86	13,272.56	7,285.80	109.64	109.54	-147.71	-796.85	7,027.12	382.00	226.46	155.54	2.456		
13,100.00	6,962.33	13,372.56	7,285.34	111.28	111.18	-147.68	-796.41	7,127.11	382.23	224.34	157.88	2.421		
13,200.00	6,961.80	13,472.56	7,284.88	112.93	112.82	-147.65	-795.97	7,227.11	382.45	222.22	160.23	2.387		
13,300.00	6,961.27	13,572.56	7,284.42	114.57	114.47	-147.61	-795.53	7,327.11	382.67	220.09	162.58	2.354		
13,400.00	6,960.74	13,672.56	7,283.96	116.22	116.12	-147.58	-795.09	7,427.11	382.89	217.97	164.93	2.322		
13,500.00	6,960.21	13,772.56	7,283.50	117.87	117.76	-147.55	-794.65	7,527.10	383.11	215.83	167.28	2.290		
13,600.00	6,959.68	13,872.56	7,283.04	119.51	119.41	-147.52	-794.20	7,627.10	383.34	213.70	169.64	2.260		
13,700.00	6,959.15	13,972.56	7,282.58	121.16	121.06	-147.48	-793.76	7,727.10	383.56	211.56	172.00	2.230		
13,800.00	6,958.62	14,072.56	7,282.12	122.81	122.71	-147.45	-793.32	7,827.10	383.78	209.43	174.36	2.201		
13,900.00	6,958.09	14,172.56	7,281.66	124.46	124.36	-147.42	-792.88	7,927.09	384.01	207.28	176.72	2.173		
14,000.00	6,957.56	14,272.56	7,281.20	126.11	126.01	-147.38	-792.44	8,027.09	384.23	205.14	179.09	2.145		
14,100.00	6,957.03	14,372.56	7,280.74	127.76	127.66	-147.35	-792.00	8,127.09	384.45	202.99	181.46	2.119		
14,200.00	6,956.50	14,472.56	7,280.28	129.41	129.31	-147.32	-791.55	8,227.09	384.68	200.85	183.83	2.093		
14,300.00	6,955.97	14,572.56	7,279.82	131.07	130.96	-147.29	-791.11	8,327.08	384.90	198.69	186.21	2.067		
14,400.00	6,955.44	14,672.55	7,279.36	132.72	132.61	-147.25	-790.67	8,427.08	385.12	196.54	188.58	2.042		
14,500.00	6,954.91	14,772.55	7,278.90	134.37	134.27	-147.22	-790.23	8,527.08	385.35	194.39	190.96	2.018		
14,600.00	6,954.38	14,872.55	7,278.44	136.02	135.92	-147.19	-789.79	8,627.08	385.57	192.23	193.34	1.994		
14,700.00	6,953.85	14,972.55	7,277.98	137.68	137.57	-147.16	-789.35	8,727.07	385.80	190.07	195.73	1.971		
14,800.00	6,953.32	15,072.55	7,277.52	139.33	139.23	-147.12	-788.90	8,827.07	386.02	187.90	198.11	1.948		
14,900.00	6,952.79	15,172.55	7,277.06	140.99	140.88	-147.09	-788.46	8,927.07	386.24	185.74	200.50	1.926		
15,000.00	6,952.26	15,272.55	7,276.60	142.64	142.54	-147.06	-788.02	9,027.07	386.47	183.57	202.90	1.905		
15,100.00	6,951.73	15,372.55	7,276.14	144.30	144.19	-147.03	-787.58	9,127.06	386.69	181.40	205.29	1.884		
15,200.00	6,951.20	15,472.55	7,275.68	145.95	145.85	-147.00	-787.14	9,227.06	386.92	179.23	207.69	1.863		
15,300.00	6,950.67	15,572.55	7,275.22	147.61	147.50	-146.96	-786.70	9,327.06	387.14	177.06	210.08	1.843		
15,400.00	6,950.14	15,672.55	7,274.76	149.27	149.16	-146.93	-786.26	9,427.06	387.37	174.88	212.48	1.823		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
15,500.00	6,949.61	15,772.55	7,274.30	150.92	150.82	-146.90	-785.81	9,527.05	387.59	172.71	214.89	1.804		
15,600.00	6,949.08	15,872.55	7,273.84	152.58	152.47	-146.87	-785.37	9,627.05	387.82	170.53	217.29	1.785		
15,700.00	6,948.55	15,972.55	7,273.38	154.24	154.13	-146.83	-784.93	9,727.05	388.04	168.35	219.70	1.766		
15,800.00	6,948.02	16,072.55	7,272.92	155.90	155.79	-146.80	-784.49	9,827.05	388.27	166.16	222.11	1.748		
15,900.00	6,947.49	16,172.55	7,272.46	157.56	157.45	-146.77	-784.05	9,927.04	388.49	163.98	224.52	1.730		
16,000.00	6,946.96	16,272.55	7,272.00	159.22	159.11	-146.74	-783.61	10,027.04	388.72	161.79	226.93	1.713		
16,100.00	6,946.43	16,372.55	7,271.54	160.87	160.76	-146.71	-783.16	10,127.04	388.95	159.60	229.35	1.696		
16,200.00	6,945.90	16,472.55	7,271.08	162.53	162.42	-146.67	-782.72	10,227.04	389.17	157.41	231.76	1.679		
16,300.00	6,945.37	16,572.55	7,270.62	164.19	164.08	-146.64	-782.28	10,327.03	389.40	155.21	234.18	1.663		
16,400.00	6,944.84	16,672.54	7,270.16	165.85	165.74	-146.61	-781.84	10,427.03	389.62	153.02	236.61	1.647		
16,500.00	6,944.31	16,772.54	7,269.70	167.51	167.40	-146.58	-781.40	10,527.03	389.85	150.82	239.03	1.631		
16,600.00	6,943.78	16,872.54	7,269.24	169.17	169.06	-146.55	-780.96	10,627.03	390.08	148.62	241.45	1.616		
16,700.00	6,943.25	16,972.54	7,268.78	170.83	170.72	-146.52	-780.52	10,727.02	390.30	146.42	243.88	1.600		
16,800.00	6,942.72	17,072.54	7,268.32	172.49	172.38	-146.48	-780.07	10,827.02	390.53	144.22	246.31	1.586		
16,900.00	6,942.19	17,172.54	7,267.86	174.16	174.04	-146.45	-779.63	10,927.02	390.76	142.01	248.74	1.571		
17,000.00	6,941.66	17,272.54	7,267.40	175.82	175.70	-146.42	-779.19	11,027.02	390.98	139.81	251.18	1.557		
17,100.00	6,941.13	17,372.54	7,266.94	177.48	177.37	-146.39	-778.75	11,127.01	391.21	137.60	253.61	1.543		
17,200.00	6,940.60	17,472.54	7,266.48	179.14	179.03	-146.36	-778.31	11,227.01	391.44	135.39	256.05	1.529		
17,300.00	6,940.07	17,572.54	7,266.02	180.80	180.69	-146.33	-777.87	11,327.01	391.66	133.18	258.49	1.515		
17,400.00	6,939.54	17,672.54	7,265.56	182.46	182.35	-146.30	-777.42	11,427.01	391.89	130.96	260.93	1.502		
17,500.00	6,939.01	17,772.54	7,265.10	184.13	184.01	-146.26	-776.98	11,527.00	392.12	128.75	263.37	1.489	Level 3	
17,600.00	6,938.48	17,872.54	7,264.64	185.79	185.67	-146.23	-776.54	11,627.00	392.35	126.53	265.82	1.476	Level 3	
17,601.54	6,938.47	17,874.08	7,264.63	185.81	185.70	-146.23	-776.53	11,628.54	392.35	126.50	265.85	1.476	Level 3, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	-39.81	39.81					
100.00	100.00	100.00	100.00	3.28	3.28	-89.48	0.36	-39.81	39.81	32.29	7.53	5.288		
200.00	200.00	200.00	200.00	3.31	3.31	-89.48	0.36	-39.81	39.81	32.24	7.57	5.257		
300.00	299.98	301.22	301.20	3.35	3.35	135.09	-0.53	-38.26	39.50	31.85	7.65	5.161		
400.00	399.84	402.43	402.26	3.41	3.41	136.82	-3.19	-33.61	38.58	30.82	7.76	4.969		
500.00	499.45	503.61	503.04	3.49	3.50	139.89	-7.64	-25.87	37.13	29.21	7.91	4.691		
600.00	598.70	604.73	603.39	3.61	3.62	144.59	-13.84	-15.06	35.29	27.19	8.11	4.354		
700.00	697.47	705.80	703.17	3.76	3.78	151.30	-21.80	-1.19	33.32	24.98	8.33	3.998		
762.79	759.18	768.68	765.02	3.89	3.90	156.77	-27.44	8.64	32.57	24.06	8.51	3.827	CC, ES	
800.00	795.62	805.82	801.56	3.96	3.98	160.49	-30.79	14.47	32.87	24.24	8.62	3.811		
900.00	893.37	905.62	899.71	4.21	4.20	170.27	-39.77	30.13	35.27	26.31	8.96	3.936		
1,000.00	991.11	1,005.42	997.87	4.48	4.45	178.61	-48.76	45.78	38.58	29.24	9.35	4.128		
1,100.00	1,088.85	1,105.22	1,096.02	4.78	4.73	-174.49	-57.74	61.44	42.58	32.79	9.78	4.352		
1,200.00	1,186.59	1,205.03	1,194.18	5.10	5.02	-168.84	-66.72	77.09	47.08	36.81	10.27	4.584		
1,300.00	1,284.33	1,304.83	1,292.33	5.44	5.32	-164.20	-75.71	92.75	51.96	41.16	10.80	4.812		
1,400.00	1,382.08	1,404.63	1,390.49	5.80	5.64	-160.39	-84.69	108.40	57.12	45.76	11.36	5.027		
1,500.00	1,479.82	1,504.43	1,488.64	6.16	5.97	-157.21	-93.68	124.06	62.49	50.53	11.96	5.225		
1,600.00	1,577.56	1,604.23	1,586.80	6.54	6.30	-154.55	-102.66	139.71	68.02	55.44	12.58	5.406		
1,700.00	1,675.30	1,704.03	1,684.95	6.92	6.65	-152.29	-111.64	155.37	73.68	60.45	13.23	5.571		
1,800.00	1,773.04	1,803.83	1,783.11	7.31	6.99	-150.35	-120.63	171.03	79.43	65.55	13.88	5.722		
1,900.00	1,870.78	1,903.63	1,881.26	7.53	7.18	-148.68	-129.61	186.68	85.27	71.38	13.88	6.142		
2,000.00	1,968.53	2,003.43	1,979.42	7.58	7.22	-147.22	-138.60	202.34	91.16	77.17	13.99	6.514		
2,100.00	2,066.27	2,103.23	2,077.57	7.65	7.28	-145.94	-147.58	217.99	97.11	82.97	14.14	6.869		
2,200.00	2,164.01	2,203.03	2,175.73	7.74	7.36	-144.81	-156.57	233.65	103.10	88.79	14.31	7.206		
2,300.00	2,261.75	2,302.84	2,273.88	7.84	7.45	-143.80	-165.55	249.30	109.12	94.62	14.51	7.521		
2,400.00	2,359.49	2,402.64	2,372.04	7.96	7.56	-142.90	-174.53	264.96	115.18	100.44	14.74	7.815		
2,500.00	2,457.23	2,502.44	2,470.19	8.10	7.68	-142.09	-183.52	280.61	121.26	106.27	15.00	8.086		
2,600.00	2,554.98	2,602.24	2,568.35	8.26	7.82	-141.35	-192.50	296.27	127.37	112.09	15.28	8.336		
2,700.00	2,652.72	2,702.04	2,666.50	8.42	7.97	-140.69	-201.49	311.93	133.49	117.90	15.59	8.563		
2,800.00	2,750.46	2,801.84	2,764.66	8.61	8.13	-140.08	-210.47	327.58	139.63	123.71	15.92	8.770		
2,900.00	2,848.20	2,901.64	2,862.81	8.80	8.30	-139.52	-219.45	343.24	145.78	129.50	16.28	8.956		
3,000.00	2,945.94	3,001.44	2,960.97	9.01	8.49	-139.01	-228.44	358.89	151.95	135.29	16.65	9.124		
3,100.00	3,043.68	3,101.24	3,059.12	9.22	8.68	-138.54	-237.42	374.55	158.12	141.07	17.05	9.274		
3,200.00	3,141.43	3,201.04	3,157.28	9.45	8.89	-138.10	-246.41	390.20	164.31	146.84	17.47	9.408		
3,300.00	3,239.17	3,300.84	3,255.43	9.69	9.10	-137.70	-255.39	405.86	170.50	152.61	17.90	9.526		
3,400.00	3,336.91	3,400.65	3,353.59	9.93	9.33	-137.32	-264.38	421.51	176.71	158.36	18.35	9.631		
3,500.00	3,434.65	3,500.45	3,451.74	10.19	9.56	-136.97	-273.36	437.17	182.92	164.11	18.81	9.723		
3,600.00	3,532.39	3,600.25	3,549.90	10.45	9.79	-136.64	-282.34	452.82	189.14	169.84	19.29	9.804		
3,700.00	3,630.13	3,700.05	3,648.05	10.72	10.04	-136.33	-291.33	468.48	195.36	175.57	19.78	9.875		
3,800.00	3,727.87	3,800.15	3,746.21	11.00	10.29	-136.05	-300.31	484.14	201.59	181.30	20.29	9.936		
3,900.00	3,825.62	3,899.65	3,844.36	11.28	10.55	-135.78	-309.30	499.79	207.82	187.02	20.80	9.990		
4,000.00	3,923.36	4,000.55	3,942.52	11.57	10.81	-135.52	-318.28	515.45	214.06	192.72	21.33	10.035		
4,100.00	4,021.10	4,100.75	4,040.67	11.86	11.08	-135.28	-327.27	531.10	220.30	198.43	21.87	10.074		
4,200.00	4,118.84	4,200.95	4,138.83	12.16	11.35	-135.05	-336.25	546.76	226.54	204.13	22.41	10.107		
4,300.00	4,216.58	4,301.15	4,236.98	12.46	11.63	-134.84	-345.23	562.41	232.79	209.82	22.97	10.135		
4,400.00	4,314.32	4,401.35	4,335.14	12.77	11.91	-134.63	-354.22	578.07	239.04	215.51	23.53	10.159		
4,500.00	4,412.07	4,498.46	4,433.29	13.08	12.19	-134.44	-363.20	593.72	245.29	221.20	24.09	10.182		
4,600.00	4,509.81	4,601.74	4,531.45	13.39	12.49	-134.26	-372.19	609.38	251.55	226.88	24.68	10.194		
4,700.00	4,607.55	4,701.94	4,629.60	13.71	12.78	-134.08	-381.17	625.04	257.81	232.55	25.26	10.207		
4,800.00	4,705.29	4,802.14	4,727.76	14.03	13.08	-133.92	-390.15	640.69	264.07	238.22	25.85	10.217		
4,900.00	4,803.03	4,897.66	4,825.91	14.35	13.36	-133.76	-399.14	656.35	270.34	243.91	26.43	10.229		
5,000.00	4,900.77	4,997.46	4,924.07	14.68	13.66	-133.61	-408.12	672.00	276.60	249.57	27.03	10.235		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
5,100.00	4,998.52	5,102.74	5,022.22	15.01	13.98	-133.46	-417.11	687.66	282.87	255.22	27.64	10.232		
5,200.00	5,096.26	5,202.94	5,120.38	15.34	14.29	-133.32	-426.09	703.31	289.14	260.88	28.25	10.234		
5,300.00	5,194.00	5,303.14	5,218.53	15.67	14.60	-133.19	-435.08	718.97	295.41	266.54	28.87	10.234		
5,400.00	5,291.74	5,403.34	5,316.69	16.01	14.91	-133.06	-444.06	734.62	301.68	272.20	29.48	10.232		
5,500.00	5,389.48	5,503.54	5,414.84	16.35	15.22	-132.94	-453.04	750.28	307.95	277.85	30.10	10.230		
5,600.00	5,487.22	5,596.27	5,513.00	16.69	15.51	-132.82	-462.03	765.94	314.23	283.52	30.70	10.234		
5,700.00	5,584.96	5,703.93	5,611.15	17.03	15.85	-132.71	-471.01	781.59	320.50	289.15	31.35	10.222		
5,800.00	5,682.71	5,795.87	5,709.31	17.37	16.14	-132.60	-480.00	797.25	326.78	294.82	31.96	10.225		
5,900.00	5,780.45	5,904.33	5,807.46	17.72	16.48	-132.50	-488.98	812.90	333.06	300.44	32.62	10.211		
6,000.00	5,878.19	6,004.53	5,905.62	18.06	16.80	-132.40	-497.96	828.56	339.34	306.08	33.25	10.204		
6,100.00	5,975.93	6,104.73	6,003.77	18.41	17.13	-132.30	-506.95	844.21	345.62	311.73	33.89	10.197		
6,200.00	6,073.67	6,204.93	6,101.93	18.76	17.45	-132.21	-515.93	859.87	351.90	317.37	34.53	10.190		
6,300.00	6,171.41	6,305.13	6,200.08	19.11	17.77	-132.12	-524.92	875.52	358.18	323.01	35.18	10.182		
6,400.00	6,269.16	6,394.67	6,298.24	19.46	18.06	-132.03	-533.90	891.18	364.47	328.68	35.79	10.183		
6,500.00	6,366.90	6,505.53	6,396.39	19.81	18.43	-131.95	-542.89	906.84	370.75	334.28	36.47	10.165		
6,600.00	6,464.63	6,605.72	6,494.55	20.17	18.75	-129.05	-551.87	922.49	377.03	339.91	37.12	10.157		
6,700.00	6,560.49	6,693.31	6,591.94	20.55	19.04	-112.29	-560.78	938.10	382.60	344.97	37.63	10.167		
6,800.00	6,651.48	6,789.93	6,685.11	21.01	19.40	-106.36	-569.28	961.88	387.95	349.76	38.20	10.157		
6,900.00	6,735.38	6,888.83	6,775.64	21.54	19.86	-104.07	-577.46	1,000.57	393.49	354.55	38.94	10.104		
7,000.00	6,810.10	6,990.19	6,861.11	22.15	20.43	-103.41	-585.12	1,054.32	399.08	359.18	39.90	10.002		
7,100.00	6,873.81	7,094.19	6,938.83	22.82	21.09	-103.57	-592.01	1,122.90	404.54	363.43	41.10	9.842		
7,200.00	6,924.94	7,200.90	7,005.96	23.57	21.88	-104.18	-597.85	1,205.49	409.64	367.06	42.58	9.622		
7,300.00	6,962.24	7,310.32	7,059.55	24.38	22.79	-105.04	-602.41	1,300.62	414.14	369.79	44.35	9.338		
7,400.00	6,984.78	7,422.30	7,096.81	25.26	23.83	-106.03	-605.41	1,406.03	417.79	371.37	46.42	9.001		
7,500.00	6,992.00	7,536.66	7,115.29	26.19	24.97	-107.05	-606.65	1,518.72	420.34	371.59	48.75	8.623		
7,600.00	6,991.48	7,643.26	7,116.80	27.18	26.09	-107.32	-606.35	1,625.28	421.02	369.92	51.10	8.239		
7,700.00	6,990.95	7,743.26	7,116.45	28.24	27.20	-107.33	-605.91	1,725.27	421.37	367.98	53.39	7.892		
7,800.00	6,990.42	7,843.26	7,116.10	29.37	28.37	-107.34	-605.47	1,825.27	421.71	365.94	55.77	7.561		
7,900.00	6,989.89	7,943.26	7,115.75	30.54	29.60	-107.35	-605.03	1,925.27	422.06	363.82	58.24	7.247		
8,000.00	6,989.36	8,043.26	7,115.40	31.77	30.86	-107.36	-604.59	2,025.27	422.40	361.62	60.78	6.950		
8,100.00	6,988.83	8,143.26	7,115.05	33.04	32.17	-107.37	-604.15	2,125.26	422.75	359.37	63.38	6.670		
8,200.00	6,988.30	8,243.26	7,114.71	34.34	33.51	-107.38	-603.70	2,225.26	423.09	357.06	66.03	6.407		
8,300.00	6,987.77	8,343.26	7,114.36	35.68	34.88	-107.39	-603.26	2,325.26	423.44	354.69	68.74	6.160		
8,400.00	6,987.24	8,443.25	7,114.01	37.05	36.27	-107.41	-602.82	2,425.26	423.78	352.29	71.49	5.928		
8,500.00	6,986.71	8,543.25	7,113.66	38.44	37.69	-107.42	-602.38	2,525.26	424.13	349.85	74.28	5.710		
8,600.00	6,986.18	8,643.25	7,113.31	39.85	39.13	-107.43	-601.94	2,625.25	424.47	347.37	77.10	5.505		
8,700.00	6,985.65	8,743.25	7,112.96	41.29	40.59	-107.44	-601.50	2,725.25	424.82	344.86	79.95	5.313		
8,800.00	6,985.12	8,843.25	7,112.61	42.74	42.06	-107.45	-601.05	2,825.25	425.16	342.33	82.83	5.133		
8,900.00	6,984.59	8,943.25	7,112.26	44.21	43.55	-107.46	-600.61	2,925.25	425.51	339.77	85.74	4.963		
9,000.00	6,984.06	9,043.25	7,111.91	45.69	45.05	-107.47	-600.17	3,025.24	425.85	337.19	88.66	4.803		
9,100.00	6,983.53	9,143.25	7,111.56	47.19	46.57	-107.48	-599.73	3,125.24	426.20	334.59	91.61	4.652		
9,200.00	6,983.00	9,243.25	7,111.21	48.70	48.09	-107.49	-599.29	3,225.24	426.54	331.97	94.57	4.510		
9,300.00	6,982.47	9,343.25	7,110.87	50.22	49.63	-107.50	-598.85	3,325.24	426.89	329.33	97.56	4.376		
9,400.00	6,981.94	9,443.25	7,110.52	51.74	51.17	-107.51	-598.40	3,425.24	427.23	326.68	100.55	4.249		
9,500.00	6,981.41	9,543.25	7,110.17	53.28	52.72	-107.53	-597.96	3,525.23	427.58	324.02	103.56	4.129		
9,600.00	6,980.88	9,643.25	7,109.82	54.83	54.28	-107.54	-597.52	3,625.23	427.92	321.34	106.58	4.015		
9,700.00	6,980.35	9,743.25	7,109.47	56.38	55.84	-107.55	-597.08	3,725.23	428.27	318.65	109.62	3.907		
9,800.00	6,979.82	9,843.25	7,109.12	57.94	57.41	-107.56	-596.64	3,825.23	428.61	315.95	112.66	3.805		
9,900.00	6,979.29	9,943.25	7,108.77	59.51	58.99	-107.57	-596.20	3,925.22	428.96	313.25	115.71	3.707		
10,000.00	6,978.76	10,043.24	7,108.42	61.08	60.57	-107.58	-595.75	4,025.22	429.30	310.53	118.77	3.614		
10,100.00	6,978.23	10,143.24	7,108.07	62.65	62.16	-107.59	-595.31	4,125.22	429.65	307.81	121.84	3.526		
10,200.00	6,977.70	10,243.24	7,107.72	64.24	63.75	-107.60	-594.87	4,225.22	429.99	305.07	124.92	3.442		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
10,300.00	6,977.17	10,343.24	7,107.37	65.82	65.35	-107.61	-594.43	4,325.22	430.34	302.33	128.00	3.362		
10,400.00	6,976.64	10,443.24	7,107.02	67.41	66.94	-107.62	-593.99	4,425.21	430.68	299.59	131.10	3.285		
10,500.00	6,976.11	10,543.24	7,106.68	69.01	68.55	-107.63	-593.55	4,525.21	431.03	296.84	134.19	3.212		
10,600.00	6,975.58	10,643.24	7,106.33	70.61	70.15	-107.64	-593.10	4,625.21	431.38	294.08	137.29	3.142		
10,700.00	6,975.05	10,743.24	7,105.98	72.21	71.76	-107.65	-592.66	4,725.21	431.72	291.32	140.40	3.075		
10,800.00	6,974.52	10,843.24	7,105.63	73.81	73.37	-107.66	-592.22	4,825.20	432.07	288.55	143.51	3.011		
10,900.00	6,973.99	10,943.24	7,105.28	75.42	74.99	-107.67	-591.78	4,925.20	432.41	285.78	146.63	2.949		
11,000.00	6,973.46	11,043.24	7,104.93	77.03	76.61	-107.69	-591.34	5,025.20	432.76	283.01	149.75	2.890		
11,100.00	6,972.93	11,143.24	7,104.58	78.65	78.22	-107.70	-590.90	5,125.20	433.10	280.23	152.87	2.833		
11,200.00	6,972.40	11,243.24	7,104.23	80.26	79.85	-107.71	-590.46	5,225.20	433.45	277.45	156.00	2.778		
11,300.00	6,971.87	11,343.24	7,103.88	81.88	81.47	-107.72	-590.01	5,325.19	433.79	274.66	159.13	2.726		
11,400.00	6,971.34	11,443.24	7,103.53	83.50	83.09	-107.73	-589.57	5,425.19	434.14	271.87	162.27	2.675		
11,500.00	6,970.81	11,543.24	7,103.18	85.12	84.72	-107.74	-589.13	5,525.19	434.48	269.08	165.40	2.627		
11,600.00	6,970.28	11,643.23	7,102.84	86.75	86.35	-107.75	-588.69	5,625.19	434.83	266.29	168.54	2.580		
11,700.00	6,969.75	11,743.23	7,102.49	88.37	87.98	-107.76	-588.25	5,725.18	435.18	263.49	171.69	2.535		
11,800.00	6,969.22	11,843.23	7,102.14	90.00	89.61	-107.77	-587.81	5,825.18	435.52	260.69	174.83	2.491		
11,900.00	6,968.69	11,943.23	7,101.79	91.63	91.25	-107.78	-587.36	5,925.18	435.87	257.89	177.98	2.449		
12,000.00	6,968.16	12,043.23	7,101.44	93.26	92.88	-107.79	-586.92	6,025.18	436.21	255.08	181.13	2.408		
12,100.00	6,967.63	12,143.23	7,101.09	94.89	94.52	-107.80	-586.48	6,125.18	436.56	252.27	184.28	2.369		
12,200.00	6,967.10	12,243.23	7,100.74	96.53	96.16	-107.81	-586.04	6,225.17	436.90	249.47	187.44	2.331		
12,300.00	6,966.57	12,343.23	7,100.39	98.16	97.80	-107.82	-585.60	6,325.17	437.25	246.66	190.59	2.294		
12,400.00	6,966.04	12,443.23	7,100.04	99.80	99.44	-107.83	-585.16	6,425.17	437.59	243.84	193.75	2.259		
12,500.00	6,965.51	12,543.23	7,099.69	101.44	101.08	-107.84	-584.71	6,525.17	437.94	241.03	196.91	2.224		
12,600.00	6,964.98	12,643.23	7,099.34	103.08	102.72	-107.85	-584.27	6,625.16	438.29	238.22	200.07	2.191		
12,700.00	6,964.45	12,743.23	7,098.99	104.72	104.36	-107.86	-583.83	6,725.16	438.63	235.40	203.23	2.158		
12,800.00	6,963.92	12,843.23	7,098.65	106.36	106.01	-107.87	-583.39	6,825.16	438.98	232.58	206.40	2.127		
12,900.00	6,963.39	12,943.23	7,098.30	108.00	107.65	-107.88	-582.95	6,925.16	439.32	229.76	209.56	2.096		
13,000.00	6,962.86	13,043.23	7,097.95	109.64	109.30	-107.89	-582.51	7,025.16	439.67	226.94	212.73	2.067		
13,100.00	6,962.33	13,143.23	7,097.60	111.28	110.94	-107.90	-582.06	7,125.15	440.01	224.12	215.89	2.038		
13,200.00	6,961.80	13,243.22	7,097.25	112.93	112.59	-107.91	-581.62	7,225.15	440.36	221.30	219.06	2.010		
13,300.00	6,961.27	13,343.22	7,096.90	114.57	114.24	-107.92	-581.18	7,325.15	440.71	218.47	222.23	1.983		
13,400.00	6,960.74	13,443.22	7,096.55	116.22	115.89	-107.93	-580.74	7,425.15	441.05	215.65	225.40	1.957		
13,500.00	6,960.21	13,543.22	7,096.20	117.87	117.54	-107.94	-580.30	7,525.14	441.40	212.82	228.57	1.931		
13,600.00	6,959.68	13,643.22	7,095.85	119.51	119.19	-107.95	-579.86	7,625.14	441.74	210.00	231.75	1.906		
13,700.00	6,959.15	13,743.22	7,095.50	121.16	120.84	-107.96	-579.41	7,725.14	442.09	207.17	234.92	1.882		
13,800.00	6,958.62	13,843.22	7,095.15	122.81	122.49	-107.97	-578.97	7,825.14	442.44	204.34	238.09	1.858		
13,900.00	6,958.09	13,943.22	7,094.81	124.46	124.14	-107.98	-578.53	7,925.14	442.78	201.51	241.27	1.835		
14,000.00	6,957.56	14,043.22	7,094.46	126.11	125.79	-107.99	-578.09	8,025.13	443.13	198.68	244.44	1.813		
14,100.00	6,957.03	14,143.22	7,094.11	127.76	127.44	-108.00	-577.65	8,125.13	443.47	195.85	247.62	1.791		
14,200.00	6,956.50	14,243.22	7,093.76	129.41	129.10	-108.01	-577.21	8,225.13	443.82	193.02	250.80	1.770		
14,300.00	6,955.97	14,343.22	7,093.41	131.07	130.75	-108.02	-576.76	8,325.13	444.16	190.19	253.97	1.749		
14,400.00	6,955.44	14,443.22	7,093.06	132.72	132.41	-108.03	-576.32	8,425.13	444.51	187.36	257.15	1.729		
14,500.00	6,954.91	14,543.22	7,092.71	134.37	134.06	-108.04	-575.88	8,525.12	444.86	184.52	260.33	1.709		
14,600.00	6,954.38	14,643.22	7,092.36	136.02	135.72	-108.05	-575.44	8,625.12	445.20	181.69	263.51	1.690		
14,700.00	6,953.85	14,743.22	7,092.01	137.68	137.37	-108.06	-575.00	8,725.12	445.55	178.86	266.69	1.671		
14,800.00	6,953.32	14,843.21	7,091.66	139.33	139.03	-108.07	-574.56	8,825.12	445.89	176.02	269.87	1.652		
14,900.00	6,952.79	14,943.21	7,091.31	140.99	140.68	-108.08	-574.11	8,925.11	446.24	173.19	273.05	1.634		
15,000.00	6,952.26	15,043.21	7,090.96	142.64	142.34	-108.09	-573.67	9,025.11	446.59	170.35	276.23	1.617		
15,100.00	6,951.73	15,143.21	7,090.62	144.30	144.00	-108.10	-573.23	9,125.11	446.93	167.52	279.41	1.600		
15,200.00	6,951.20	15,243.21	7,090.27	145.95	145.65	-108.11	-572.79	9,225.11	447.28	164.68	282.60	1.583		
15,300.00	6,950.67	15,343.21	7,089.92	147.61	147.31	-108.12	-572.35	9,325.11	447.62	161.85	285.78	1.566		
15,400.00	6,950.14	15,443.21	7,089.57	149.27	148.97	-108.13	-571.91	9,425.10	447.97	159.01	288.96	1.550		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
15,500.00	6,949.61	15,543.21	7,089.22	150.92	150.63	-108.14	-571.46	9,525.10	448.32	156.17	292.14	1.535		
15,600.00	6,949.08	15,643.21	7,088.87	152.58	152.29	-108.15	-571.02	9,625.10	448.66	153.34	295.33	1.519		
15,700.00	6,948.55	15,743.21	7,088.52	154.24	153.95	-108.16	-570.58	9,725.10	449.01	150.50	298.51	1.504		
15,800.00	6,948.02	15,843.21	7,088.17	155.90	155.61	-108.17	-570.14	9,825.09	449.35	147.66	301.69	1.489 Level 3		
15,900.00	6,947.49	15,943.21	7,087.82	157.56	157.26	-108.18	-569.70	9,925.09	449.70	144.82	304.88	1.475 Level 3		
16,000.00	6,946.96	16,043.21	7,087.47	159.22	158.92	-108.19	-569.26	10,025.09	450.05	141.99	308.06	1.461 Level 3		
16,100.00	6,946.43	16,143.21	7,087.12	160.87	160.58	-108.20	-568.82	10,125.09	450.39	139.15	311.25	1.447 Level 3		
16,200.00	6,945.90	16,243.21	7,086.78	162.53	162.25	-108.21	-568.37	10,225.09	450.74	136.31	314.43	1.434 Level 3		
16,300.00	6,945.37	16,343.21	7,086.43	164.19	163.91	-108.22	-567.93	10,325.08	451.09	133.47	317.61	1.420 Level 3		
16,400.00	6,944.84	16,443.20	7,086.08	165.85	165.57	-108.23	-567.49	10,425.08	451.43	130.63	320.80	1.407 Level 3		
16,500.00	6,944.31	16,543.20	7,085.73	167.51	167.23	-108.24	-567.05	10,525.08	451.78	127.79	323.99	1.394 Level 3		
16,600.00	6,943.78	16,643.20	7,085.38	169.17	168.89	-108.25	-566.61	10,625.08	452.12	124.95	327.17	1.382 Level 3		
16,700.00	6,943.25	16,743.20	7,085.03	170.83	170.55	-108.26	-566.17	10,725.07	452.47	122.11	330.36	1.370 Level 3		
16,800.00	6,942.72	16,843.20	7,084.68	172.49	172.21	-108.27	-565.72	10,825.07	452.82	119.28	333.54	1.358 Level 3		
16,900.00	6,942.19	16,943.20	7,084.33	174.16	173.87	-108.28	-565.28	10,925.07	453.16	116.44	336.73	1.346 Level 3		
17,000.00	6,941.66	17,043.20	7,083.98	175.82	175.54	-108.29	-564.84	11,025.07	453.51	113.60	339.91	1.334 Level 3		
17,100.00	6,941.13	17,143.20	7,083.63	177.48	177.20	-108.30	-564.40	11,125.07	453.86	110.76	343.10	1.323 Level 3		
17,200.00	6,940.60	17,243.20	7,083.28	179.14	178.86	-108.31	-563.96	11,225.06	454.20	107.92	346.29	1.312 Level 3		
17,300.00	6,940.07	17,343.20	7,082.93	180.80	180.52	-108.32	-563.52	11,325.06	454.55	105.08	349.47	1.301 Level 3		
17,400.00	6,939.54	17,443.20	7,082.59	182.46	182.19	-108.33	-563.07	11,425.06	454.89	102.24	352.66	1.290 Level 3		
17,500.00	6,939.01	17,543.20	7,082.24	184.13	183.85	-108.34	-562.63	11,525.06	455.24	99.40	355.84	1.279 Level 3		
17,600.00	6,938.48	17,643.20	7,081.89	185.79	185.51	-108.35	-562.19	11,625.05	455.59	96.56	359.03	1.269 Level 3		
17,601.54	6,938.47	17,644.74	7,081.88	185.81	185.54	-108.35	-562.18	11,626.60	455.59	96.51	359.08	1.269 Level 3, SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,800.00	4,705.29	14,601.91	7,134.65	14.03	224.87	107.66	-1,214.41	579.23	2,412.15	2,313.37	98.77	24.421		
4,900.00	4,803.03	14,614.89	7,135.01	14.35	225.25	106.71	-1,214.45	596.02	2,313.90	2,214.35	99.55	23.244		
5,000.00	4,900.77	14,631.69	7,135.37	14.68	225.74	105.69	-1,214.49	612.81	2,215.68	2,115.27	100.41	22.067		
5,100.00	4,998.52	14,648.48	7,135.72	15.01	226.24	104.60	-1,214.54	629.61	2,117.50	2,016.18	101.33	20.898		
5,200.00	5,096.26	14,665.28	7,136.08	15.34	226.73	103.43	-1,214.58	646.40	2,019.36	1,917.05	102.30	19.739		
5,300.00	5,194.00	14,682.08	7,136.44	15.67	227.23	102.17	-1,214.63	663.20	1,921.26	1,817.91	103.35	18.590		
5,400.00	5,291.74	14,701.12	7,136.80	16.01	227.79	100.81	-1,214.67	679.99	1,823.21	1,718.70	104.51	17.446		
5,500.00	5,389.48	14,715.68	7,137.15	16.35	228.22	99.35	-1,214.72	696.79	1,725.22	1,619.51	105.71	16.320		
5,600.00	5,487.22	14,732.47	7,137.51	16.69	228.71	97.76	-1,214.76	713.58	1,627.30	1,520.25	107.05	15.201		
5,700.00	5,584.96	14,749.27	7,137.87	17.03	229.20	96.03	-1,214.81	730.37	1,529.47	1,420.94	108.54	14.092		
5,800.00	5,682.71	14,766.07	7,138.23	17.37	229.70	94.16	-1,214.85	747.17	1,431.74	1,321.56	110.19	12.994		
5,900.00	5,780.45	14,782.87	7,138.59	17.72	230.19	92.13	-1,214.90	763.96	1,334.14	1,222.10	112.04	11.907		
6,000.00	5,878.19	14,800.33	7,138.94	18.06	230.71	89.92	-1,214.94	780.76	1,236.69	1,122.52	114.17	10.832		
6,100.00	5,975.93	14,816.46	7,139.30	18.41	231.18	87.51	-1,214.99	797.55	1,139.44	1,022.83	116.61	9.771		
6,200.00	6,073.67	14,833.26	7,139.66	18.76	231.67	84.88	-1,215.03	814.35	1,042.43	922.95	119.48	8.725		
6,300.00	6,171.41	14,850.06	7,140.02	19.11	232.17	82.03	-1,215.08	831.14	945.75	822.84	122.91	7.695		
6,400.00	6,269.16	14,866.86	7,140.37	19.46	232.66	78.92	-1,215.12	847.93	849.51	722.42	127.09	6.684		
6,500.00	6,366.90	14,883.66	7,140.73	19.81	233.16	75.56	-1,215.17	864.73	753.87	621.55	132.33	5.697		
6,600.00	6,464.63	14,900.53	7,141.09	20.17	233.65	76.78	-1,215.21	881.59	659.11	520.07	139.05	4.740		
6,700.00	6,560.49	14,926.44	7,141.64	20.55	234.42	106.24	-1,215.28	907.50	567.62	419.72	147.89	3.838		
6,800.00	6,651.48	14,967.13	7,142.51	21.01	235.61	118.70	-1,215.39	948.18	482.88	323.41	159.47	3.028		
6,900.00	6,735.38	15,021.58	7,143.67	21.54	237.22	123.66	-1,215.53	1,002.62	407.57	233.34	174.23	2.339		
7,000.00	6,810.10	15,088.47	7,145.09	22.15	239.18	124.42	-1,215.71	1,069.50	344.13	152.01	192.12	1.791		
7,100.00	6,873.81	15,166.15	7,146.75	22.82	241.47	122.42	-1,215.92	1,147.15	294.37	82.40	211.96	1.389	Level 3	
7,200.00	6,924.94	15,252.69	7,148.59	23.57	244.02	118.73	-1,216.15	1,233.67	258.92	27.73	231.19	1.120	Level 2	
7,300.00	6,962.24	15,345.97	7,150.57	24.38	246.77	114.61	-1,216.40	1,326.94	236.75	-10.10	246.85	0.959	Level 1	
7,400.00	6,984.78	15,443.70	7,152.66	25.26	249.64	111.53	-1,216.66	1,424.64	225.50	-31.87	257.37	0.876	Level 1	
7,483.07	6,991.87	15,526.54	7,154.42	26.03	252.08	110.65	-1,216.88	1,507.46	222.78	-39.41	262.19	0.850	Level 1, CC	
7,500.07	6,992.00	15,543.54	7,154.78	26.19	252.58	110.69	-1,216.92	1,524.46	222.89	-39.85	262.74	0.848	Level 1	
7,600.00	6,991.48	15,643.43	7,156.91	27.18	255.53	111.29	-1,217.19	1,624.32	224.22	-41.38	265.61	0.844	Level 1	
7,700.00	6,990.95	15,743.39	7,159.04	28.24	258.47	111.89	-1,217.45	1,724.26	225.58	-42.92	268.49	0.840	Level 1	
7,800.00	6,990.42	15,843.35	7,161.17	29.37	261.42	112.47	-1,217.72	1,824.20	226.95	-44.44	271.39	0.836	Level 1	
7,900.00	6,989.89	15,943.32	7,163.29	30.54	264.36	113.05	-1,217.98	1,924.15	228.35	-45.95	274.30	0.832	Level 1	
8,000.00	6,989.36	16,043.28	7,165.42	31.77	267.31	113.62	-1,218.25	2,024.09	229.78	-47.44	277.21	0.829	Level 1	
8,100.00	6,988.83	16,143.25	7,167.55	33.04	270.25	114.18	-1,218.52	2,124.03	231.22	-48.90	280.12	0.825	Level 1	
8,200.00	6,988.30	16,243.21	7,169.68	34.34	273.20	114.74	-1,218.78	2,223.97	232.69	-50.33	283.02	0.822	Level 1	
8,300.00	6,987.77	16,343.17	7,171.81	35.68	276.15	115.29	-1,219.05	2,323.91	234.18	-51.73	285.91	0.819	Level 1	
8,400.00	6,987.24	16,443.14	7,173.94	37.05	279.10	115.83	-1,219.32	2,423.85	235.69	-53.10	288.79	0.816	Level 1	
8,500.00	6,986.71	16,543.10	7,176.06	38.44	282.04	116.37	-1,219.58	2,523.79	237.22	-54.43	291.66	0.813	Level 1	
8,600.00	6,986.18	16,643.06	7,178.19	39.85	284.99	116.90	-1,219.85	2,623.73	238.78	-55.73	294.50	0.811	Level 1	
8,700.00	6,985.65	16,743.03	7,180.32	41.29	287.94	117.42	-1,220.11	2,723.67	240.35	-56.99	297.34	0.808	Level 1	
8,800.00	6,985.12	16,842.99	7,182.45	42.74	290.89	117.93	-1,220.38	2,823.61	241.94	-58.21	300.15	0.806	Level 1	
8,900.00	6,984.59	16,942.96	7,184.58	44.21	293.84	118.44	-1,220.65	2,923.55	243.55	-59.38	302.94	0.804	Level 1	
9,000.00	6,984.06	17,042.92	7,186.71	45.69	296.79	118.94	-1,220.91	3,023.49	245.18	-60.52	305.71	0.802	Level 1	
9,100.00	6,983.53	17,142.88	7,188.83	47.19	299.74	119.44	-1,221.18	3,123.43	246.83	-61.62	308.45	0.800	Level 1	
9,200.00	6,983.00	17,242.85	7,190.96	48.70	302.69	119.92	-1,221.44	3,223.38	248.50	-62.68	311.18	0.799	Level 1	
9,300.00	6,982.47	17,342.81	7,193.09	50.22	305.64	120.41	-1,221.71	3,323.32	250.18	-63.70	313.88	0.797	Level 1	
9,400.00	6,981.94	17,442.78	7,195.22	51.74	308.59	120.88	-1,221.98	3,423.26	251.89	-64.68	316.57	0.796	Level 1	
9,500.00	6,981.41	17,542.74	7,197.35	53.28	311.54	121.35	-1,222.24	3,523.20	253.60	-65.62	319.22	0.794	Level 1, ES, SF	
9,600.00	6,980.88	17,573.34	7,198.00	54.83	312.44	121.49	-1,222.32	3,553.79	264.59	-66.46	311.06	0.851	Level 1	
9,700.00	6,980.35	17,573.34	7,198.00	56.38	312.44	121.49	-1,222.32	3,553.79	307.84	34.80	273.05	1.127	Level 2	
9,800.00	6,979.82	17,573.34	7,198.00	57.94	312.44	121.49	-1,222.32	3,553.79	373.53	142.91	230.62	1.620		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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, 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		
9,900.00	6,979.29	17,573.34	7,198.00	59.51	312.44	121.49	-1,222.32	3,553.79	451.98	256.16	195.82	2.308		
10,000.00	6,978.76	17,573.34	7,198.00	61.08	312.44	121.49	-1,222.32	3,553.79	537.63	368.19	169.43	3.173		
10,100.00	6,978.23	17,573.34	7,198.00	62.65	312.44	121.49	-1,222.32	3,553.79	627.53	477.94	149.59	4.195		
10,200.00	6,977.70	17,573.34	7,198.00	64.24	312.44	121.49	-1,222.32	3,553.79	720.11	585.63	134.47	5.355		
10,300.00	6,977.17	17,573.34	7,198.00	65.82	312.44	121.49	-1,222.32	3,553.79	814.44	691.71	122.73	6.636		
10,400.00	6,976.64	17,573.34	7,198.00	67.41	312.44	121.49	-1,222.32	3,553.79	909.99	796.55	113.43	8.022		
10,500.00	6,976.11	17,573.34	7,198.00	69.01	312.44	121.49	-1,222.32	3,553.79	1,006.39	900.44	105.95	9.499		
10,600.00	6,975.58	17,573.34	7,198.00	70.61	312.44	121.49	-1,222.32	3,553.79	1,103.44	1,003.61	99.83	11.053		
10,700.00	6,975.05	17,573.34	7,198.00	72.21	312.44	121.49	-1,222.32	3,553.79	1,200.98	1,106.21	94.77	12.672		
10,800.00	6,974.52	17,573.34	7,198.00	73.81	312.44	121.49	-1,222.32	3,553.79	1,298.89	1,208.36	90.53	14.348		
10,900.00	6,973.99	17,573.34	7,198.00	75.42	312.44	121.49	-1,222.32	3,553.79	1,397.09	1,310.15	86.94	16.069		
11,000.00	6,973.46	17,573.34	7,198.00	77.03	312.44	121.49	-1,222.32	3,553.79	1,495.53	1,411.65	83.88	17.828		
11,100.00	6,972.93	17,573.34	7,198.00	78.65	312.44	121.49	-1,222.32	3,553.79	1,594.17	1,512.91	81.26	19.619		
11,200.00	6,972.40	17,573.34	7,198.00	80.26	312.44	121.49	-1,222.32	3,553.79	1,692.97	1,613.99	78.98	21.435		
11,300.00	6,971.87	17,573.34	7,198.00	81.88	312.44	121.49	-1,222.32	3,553.79	1,791.90	1,714.90	77.00	23.271		
11,400.00	6,971.34	17,573.34	7,198.00	83.50	312.44	121.49	-1,222.32	3,553.79	1,890.94	1,815.67	75.27	25.123		
11,500.00	6,970.81	17,573.34	7,198.00	85.12	312.44	121.49	-1,222.32	3,553.79	1,990.08	1,916.33	73.75	26.985		
11,600.00	6,970.28	17,573.34	7,198.00	86.75	312.44	121.49	-1,222.32	3,553.79	2,089.30	2,016.90	72.40	28.856		
11,700.00	6,969.75	17,573.34	7,198.00	88.37	312.44	121.49	-1,222.32	3,553.79	2,188.59	2,117.38	71.21	30.733		
11,800.00	6,969.22	17,573.34	7,198.00	90.00	312.44	121.49	-1,222.32	3,553.79	2,287.94	2,217.79	70.16	32.612		
11,900.00	6,968.69	17,573.34	7,198.00	91.63	312.44	121.49	-1,222.32	3,553.79	2,387.35	2,318.14	69.21	34.492		
12,000.00	6,968.16	17,573.34	7,198.00	93.26	312.44	121.49	-1,222.32	3,553.79	2,486.81	2,418.43	68.37	36.372		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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		
7,400.00	6,984.78	7,125.02	6,599.00	25.26	57.17	19.03	-1,320.46	3,875.62	2,497.92	2,421.60	76.32	32.731		
7,500.07	6,992.00	7,140.00	6,613.07	26.19	57.29	40.62	-1,316.14	3,878.42	2,401.23	2,324.72	76.51	31.386		
7,600.00	6,991.48	7,140.00	6,613.07	27.18	57.29	40.62	-1,316.14	3,878.42	2,303.39	2,226.84	76.54	30.093		
7,700.00	6,990.95	7,140.00	6,613.07	28.24	57.29	40.62	-1,316.14	3,878.42	2,205.66	2,129.08	76.58	28.802		
7,800.00	6,990.42	7,140.00	6,613.07	29.37	57.29	40.62	-1,316.14	3,878.42	2,108.14	2,031.51	76.62	27.513		
7,900.00	6,989.89	7,140.00	6,613.07	30.54	57.29	40.62	-1,316.14	3,878.42	2,010.87	1,934.19	76.68	26.226		
8,000.00	6,989.36	7,140.00	6,613.07	31.77	57.29	40.62	-1,316.14	3,878.42	1,913.87	1,837.14	76.74	24.941		
8,100.00	6,988.83	7,140.00	6,613.07	33.04	57.29	40.62	-1,316.14	3,878.42	1,817.21	1,740.40	76.80	23.660		
8,200.00	6,988.30	7,140.00	6,613.07	34.34	57.29	40.62	-1,316.14	3,878.42	1,720.92	1,644.04	76.89	22.383		
8,300.00	6,987.77	7,140.00	6,613.07	35.68	57.29	40.62	-1,316.14	3,878.42	1,625.09	1,548.11	76.98	21.110		
8,400.00	6,987.24	7,140.00	6,613.07	37.05	57.29	40.62	-1,316.14	3,878.42	1,529.79	1,452.69	77.10	19.843		
8,500.00	6,986.71	7,140.00	6,613.07	38.44	57.29	40.62	-1,316.14	3,878.42	1,435.12	1,357.89	77.23	18.581		
8,600.00	6,986.18	7,181.52	6,651.55	39.85	57.66	42.74	-1,304.49	3,888.69	1,338.19	1,260.35	77.84	17.192		
8,700.00	6,985.65	7,188.21	6,657.63	41.29	57.72	43.10	-1,302.67	3,890.78	1,244.13	1,166.00	78.13	15.924		
8,800.00	6,985.12	7,195.75	6,664.45	42.74	57.78	43.53	-1,300.62	3,893.28	1,150.88	1,072.40	78.48	14.664		
8,900.00	6,984.59	7,235.00	6,699.03	44.21	58.13	45.90	-1,290.35	3,908.70	1,060.36	981.14	79.22	13.385		
9,000.00	6,984.06	7,235.00	6,699.03	45.69	58.13	45.90	-1,290.35	3,908.70	968.36	888.68	79.68	12.153		
9,100.00	6,983.53	7,235.00	6,699.03	47.19	58.13	45.90	-1,290.35	3,908.70	878.12	797.86	80.25	10.942		
9,200.00	6,983.00	7,235.00	6,699.03	48.70	58.13	45.90	-1,290.35	3,908.70	790.22	709.26	80.96	9.761		
9,300.00	6,982.47	7,259.52	6,719.87	50.22	58.39	47.53	-1,284.18	3,920.05	704.61	622.40	82.20	8.571		
9,400.00	6,981.94	7,282.66	6,739.06	51.74	58.64	49.17	-1,278.48	3,931.64	621.67	537.97	83.71	7.427		
9,500.00	6,981.41	7,309.57	6,760.77	53.28	58.93	51.22	-1,272.01	3,946.16	542.13	456.51	85.62	6.332		
9,600.00	6,980.88	7,346.18	6,789.18	54.83	59.35	54.26	-1,263.37	3,967.57	466.87	378.68	88.20	5.294		
9,700.00	6,980.35	7,397.33	6,827.03	56.38	59.99	58.90	-1,250.17	3,999.32	395.71	304.01	91.70	4.315		
9,800.00	6,979.82	7,448.07	6,862.30	57.94	60.67	64.02	-1,235.73	4,032.81	329.43	233.61	95.82	3.438		
9,900.00	6,979.29	7,501.40	6,895.92	59.51	61.45	69.96	-1,220.41	4,071.24	271.23	170.79	100.44	2.700		
10,000.00	6,978.76	7,569.18	6,933.62	61.08	62.51	78.30	-1,200.99	4,124.09	222.73	117.28	105.45	2.112		
10,100.00	6,978.23	7,643.00	6,970.07	62.65	63.71	88.74	-1,179.93	4,184.72	184.51	75.28	109.24	1.689		
10,200.00	6,977.70	7,717.39	7,003.82	64.24	64.95	100.87	-1,162.12	4,248.54	161.74	52.95	108.79	1.487 Level 3		
10,283.75	6,977.25	7,784.48	7,026.33	65.57	66.03	109.79	-1,152.13	4,310.81	156.77	51.09	105.68	1.483 Level 3, CC		
10,300.00	6,977.17	7,798.73	7,029.62	65.82	66.26	111.09	-1,150.97	4,324.62	156.90	51.65	105.25	1.491 Level 3		
10,400.00	6,976.64	7,896.47	7,046.30	67.41	67.79	117.43	-1,146.35	4,420.79	159.98	55.09	104.89	1.525		
10,500.00	6,976.11	7,996.68	7,058.81	69.01	69.45	120.68	-1,145.36	4,520.51	164.12	57.77	106.35	1.543		
10,600.00	6,975.58	8,097.12	7,061.83	70.61	71.16	122.49	-1,145.87	4,620.77	168.09	59.34	108.75	1.546		
10,700.00	6,975.05	8,197.34	7,066.85	72.21	72.98	123.91	-1,146.54	4,720.86	171.80	60.46	111.34	1.543		
10,800.00	6,974.52	8,296.93	7,070.98	73.81	74.89	124.88	-1,147.99	4,820.35	175.76	61.61	114.15	1.540		
10,900.00	6,973.99	8,397.96	7,074.14	75.42	76.92	125.50	-1,149.75	4,921.32	179.40	61.88	117.52	1.527		
11,000.00	6,973.46	8,498.56	7,076.12	77.03	79.03	125.78	-1,151.64	5,021.88	182.50	61.33	121.16	1.506		
11,100.00	6,972.93	8,598.05	7,077.82	78.65	81.21	125.95	-1,153.64	5,121.34	185.54	60.81	124.74	1.487 Level 3		
11,200.00	6,972.40	8,696.84	7,079.27	80.26	83.45	125.92	-1,156.37	5,220.07	189.07	60.64	128.43	1.472 Level 3		
11,300.00	6,971.87	8,796.68	7,080.73	81.88	85.79	125.79	-1,159.75	5,319.85	193.08	60.62	132.46	1.458 Level 3		
11,400.00	6,971.34	8,896.83	7,081.61	83.50	88.20	125.50	-1,163.24	5,419.93	196.85	60.08	136.77	1.439 Level 3		
11,500.00	6,970.81	8,995.87	7,081.67	85.12	90.65	124.91	-1,167.49	5,518.88	200.81	59.52	141.29	1.421 Level 3		
11,600.00	6,970.28	9,095.03	7,081.58	86.75	93.15	124.20	-1,172.43	5,617.92	205.27	59.24	146.03	1.406 Level 3		
11,700.00	6,969.75	9,197.26	7,081.23	88.37	95.80	123.46	-1,177.37	5,720.03	209.51	58.09	151.43	1.384 Level 3		
11,800.00	6,969.22	9,301.75	7,080.87	90.00	98.60	123.06	-1,180.23	5,824.47	212.01	55.19	156.82	1.352 Level 3		
11,900.00	6,968.69	9,401.27	7,080.60	91.63	101.33	122.90	-1,181.59	5,923.98	213.42	52.31	161.12	1.325 Level 3		
12,000.00	6,968.16	9,500.35	7,080.00	93.26	104.10	122.56	-1,183.65	6,023.04	215.24	49.65	165.59	1.300 Level 3		
12,100.00	6,967.63	9,600.69	7,078.47	94.89	106.94	121.92	-1,186.46	6,123.33	217.19	46.47	170.73	1.272 Level 3		
12,200.00	6,967.10	9,698.76	7,076.69	96.53	109.73	121.15	-1,189.86	6,221.32	219.60	43.91	175.69	1.250 Level 2		
12,300.00	6,966.57	9,799.00	7,074.83	98.16	112.63	120.32	-1,193.79	6,321.47	222.41	41.25	181.16	1.228 Level 2		
12,400.00	6,966.04	9,902.61	7,072.84	99.80	115.66	119.59	-1,196.86	6,425.01	224.40	37.31	187.10	1.199 Level 2		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	Warning	
12,500.00	6,965.51	10,007.66	7,070.82	101.44	118.80	119.19	-1,197.28	6,530.04	224.18	31.40	192.79	1.163	Level 2	
12,600.00	6,964.98	10,108.03	7,069.09	103.08	121.84	119.07	-1,195.98	6,630.39	222.59	25.18	197.41	1.128	Level 2	
12,700.00	6,964.45	10,206.31	7,068.94	104.72	124.84	119.29	-1,194.73	6,728.66	221.78	20.54	201.23	1.102	Level 2	
12,800.00	6,963.92	10,305.61	7,068.93	106.36	127.90	119.51	-1,193.76	6,827.95	221.30	16.10	205.20	1.078	Level 2	
12,847.43	6,963.67	10,352.47	7,068.87	107.13	129.35	119.58	-1,193.52	6,874.81	221.24	14.13	207.10	1.068	Level 2	
12,900.00	6,963.39	10,404.07	7,068.84	108.00	130.95	119.63	-1,193.44	6,926.41	221.35	12.17	209.19	1.058	Level 2	
13,000.00	6,962.86	10,503.50	7,068.88	109.64	134.04	119.70	-1,193.76	7,025.84	222.03	8.63	213.40	1.040	Level 2	
13,100.00	6,962.33	10,601.74	7,068.57	111.28	137.10	119.63	-1,194.56	7,124.08	222.97	5.32	217.64	1.024	Level 2	
13,200.00	6,961.80	10,699.15	7,068.23	112.93	140.15	119.39	-1,196.64	7,221.46	225.04	3.02	222.02	1.014	Level 2	
13,300.00	6,961.27	10,797.62	7,067.88	114.57	143.23	119.02	-1,199.82	7,319.88	228.06	1.25	226.81	1.006	Level 2	
13,400.00	6,960.74	10,899.67	7,067.65	116.22	146.44	118.69	-1,203.00	7,421.88	231.06	-1.14	232.20	0.995	Level 1	
13,500.00	6,960.21	11,005.56	7,067.64	117.87	149.80	118.67	-1,203.99	7,527.76	232.26	-5.39	237.65	0.977	Level 1	
13,600.00	6,959.68	11,113.66	7,067.44	119.51	153.27	119.06	-1,201.30	7,635.82	230.36	-12.16	242.52	0.950	Level 1	
13,700.00	6,959.15	11,209.69	7,067.21	121.16	156.37	119.48	-1,198.19	7,731.80	227.78	-17.93	245.71	0.927	Level 1	
13,800.00	6,958.62	11,306.27	7,067.25	122.81	159.50	119.79	-1,196.53	7,828.36	226.69	-22.41	249.10	0.910	Level 1	
13,900.00	6,958.09	11,405.92	7,067.19	124.46	162.72	119.98	-1,195.71	7,928.01	226.33	-26.81	253.14	0.894	Level 1	
13,984.62	6,957.64	11,490.11	7,066.95	125.86	165.46	120.07	-1,195.30	8,012.20	226.18	-30.50	256.68	0.881	Level 1	
14,000.00	6,957.56	11,505.08	7,066.91	126.11	165.94	120.08	-1,195.27	8,027.17	226.19	-31.09	257.28	0.879	Level 1	
14,100.00	6,957.03	11,604.24	7,066.81	127.76	169.16	120.14	-1,195.39	8,126.32	226.62	-34.85	261.47	0.867	Level 1	
14,200.00	6,956.50	11,705.96	7,066.70	129.41	172.47	120.25	-1,195.11	8,228.05	226.72	-39.24	265.96	0.852	Level 1	
14,300.00	6,955.97	11,808.02	7,066.76	131.07	175.80	120.53	-1,193.78	8,330.09	226.01	-44.09	270.10	0.837	Level 1	
14,400.00	6,955.44	11,906.42	7,066.53	132.72	179.03	120.81	-1,191.98	8,428.48	224.71	-48.99	273.70	0.821	Level 1	
14,419.12	6,955.34	11,924.44	7,066.50	133.03	179.62	120.84	-1,191.86	8,446.50	224.66	-49.66	274.32	0.819	Level 1	
14,500.00	6,954.91	12,000.12	7,066.45	134.37	182.09	120.82	-1,192.52	8,522.18	225.56	-51.53	277.09	0.814	Level 1	
14,600.00	6,954.38	12,094.61	7,066.18	136.02	185.17	120.36	-1,196.31	8,616.59	229.25	-52.22	281.47	0.814	Level 1	
14,700.00	6,953.85	12,192.51	7,065.95	137.68	188.35	119.69	-1,202.07	8,714.31	234.59	-52.39	286.99	0.817	Level 1	
14,800.00	6,953.32	12,294.22	7,065.51	139.33	191.67	118.98	-1,208.14	8,815.84	239.98	-53.45	293.42	0.818	Level 1	
14,900.00	6,952.79	12,397.48	7,065.30	140.99	195.05	118.52	-1,212.66	8,919.00	244.09	-55.50	299.59	0.815	Level 1	
15,000.00	6,952.26	12,501.04	7,065.22	142.64	198.45	118.28	-1,215.49	9,022.53	246.83	-58.45	305.27	0.809	Level 1	
15,100.00	6,951.73	12,604.13	7,065.27	144.30	201.86	118.27	-1,216.59	9,125.60	248.16	-62.18	310.34	0.800	Level 1	
15,200.00	6,951.20	12,703.45	7,065.10	145.95	205.15	118.27	-1,217.14	9,224.92	248.94	-65.84	314.78	0.791	Level 1	
15,300.00	6,950.67	12,800.98	7,064.85	147.61	208.39	118.16	-1,218.49	9,322.45	250.41	-68.77	319.18	0.785	Level 1	
15,400.00	6,950.14	12,899.29	7,064.51	149.27	211.65	117.93	-1,220.86	9,420.73	252.74	-71.26	324.00	0.780	Level 1	
15,500.00	6,949.61	12,998.82	7,064.16	150.92	214.95	117.65	-1,223.71	9,520.21	255.48	-73.66	329.14	0.776	Level 1	
15,600.00	6,949.08	13,095.74	7,063.82	152.58	218.16	117.30	-1,227.30	9,617.07	258.97	-75.02	333.99	0.775	Level 1	
15,700.00	6,948.55	13,199.37	7,063.57	154.24	221.61	116.99	-1,230.84	9,720.63	262.26	-77.71	339.97	0.771	Level 1	
15,800.00	6,948.02	13,302.31	7,063.39	155.90	225.03	116.85	-1,232.83	9,823.55	264.27	-81.10	345.37	0.765	Level 1	
15,900.00	6,947.49	13,405.78	7,063.33	157.56	228.49	116.86	-1,233.55	9,927.02	265.23	-85.22	350.45	0.757	Level 1	
16,000.00	6,946.96	13,510.83	7,063.04	159.22	232.01	117.03	-1,232.22	10,032.06	264.33	-90.93	355.26	0.744	Level 1	
16,100.00	6,946.43	13,610.75	7,062.71	160.87	235.36	117.31	-1,229.63	10,131.94	262.24	-96.89	359.13	0.730	Level 1	
16,200.00	6,945.90	13,707.44	7,062.50	162.53	238.61	117.50	-1,228.23	10,228.62	261.22	-101.62	362.84	0.720	Level 1	
16,243.96	6,945.66	13,750.22	7,062.37	163.26	240.04	117.53	-1,228.01	10,271.40	261.12	-103.49	364.60	0.716	Level 1	
16,300.00	6,945.37	13,804.94	7,062.20	164.19	241.88	117.55	-1,228.03	10,326.13	261.26	-105.70	366.95	0.712	Level 1	
16,400.00	6,944.84	13,903.45	7,061.95	165.85	245.19	117.52	-1,228.71	10,424.63	262.12	-109.28	371.40	0.706	Level 1	
16,500.00	6,944.31	14,003.10	7,061.53	167.51	248.54	117.41	-1,229.84	10,524.28	263.29	-112.93	376.22	0.700	Level 1	
16,600.00	6,943.78	14,107.18	7,061.28	169.17	252.03	117.41	-1,230.34	10,628.35	263.98	-117.42	381.40	0.692	Level 1	
16,700.00	6,943.25	14,213.18	7,060.92	170.83	255.60	117.63	-1,228.31	10,734.33	262.49	-123.55	386.04	0.680	Level 1	
16,800.00	6,942.72	14,314.59	7,060.56	172.49	259.02	118.03	-1,224.63	10,835.67	259.49	-130.14	389.63	0.666	Level 1	
16,900.00	6,942.19	14,412.28	7,060.22	174.16	262.32	118.40	-1,221.34	10,933.30	256.72	-136.19	392.91	0.653	Level 1	
17,000.00	6,941.66	14,512.12	7,059.89	175.82	265.69	118.61	-1,219.53	11,028.88	255.27	-141.19	396.46	0.644	Level 1	
17,100.00	6,941.13	14,607.88	7,059.54	177.48	268.92	118.73	-1,218.64	11,128.87	254.70	-145.83	400.53	0.636	Level 1	
17,141.14	6,940.91	14,647.56	7,059.43	178.16	270.26	118.77	-1,218.41	11,168.56	254.59	-147.50	402.09	0.633	Level 1	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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	
17,200.00	6,940.60	14,704.62	7,059.39	179.14	272.18	118.81	-1,218.44	11,225.61	254.81	-149.58	404.39	0.630	Level 1
17,300.00	6,940.07	14,803.40	7,059.29	180.80	275.52	118.79	-1,219.26	11,324.40	255.87	-152.95	408.82	0.626	Level 1
17,400.00	6,939.54	14,907.83	7,059.11	182.46	279.05	118.84	-1,219.32	11,428.82	256.21	-157.63	413.83	0.619	Level 1
17,500.00	6,939.01	15,013.49	7,058.98	184.13	282.62	119.15	-1,217.06	11,534.46	254.66	-163.35	418.01	0.609	Level 1
17,600.00	6,938.48	15,118.03	7,057.64	185.79	286.15	119.48	-1,212.57	11,638.89	250.65	-171.18	421.84	0.594	Level 1
17,601.54	6,938.47	15,119.58	7,057.61	185.81	286.20	119.49	-1,212.50	11,640.44	250.58	-171.31	421.89	0.594	Level 1, ES, SF

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
7,500.07	6,992.00	7,100.00	6,667.90	26.19	55.33	65.25	-1,650.24	3,914.85	2,492.26	2,417.45	74.81	33.313		
7,600.00	6,991.48	7,100.00	6,667.90	27.18	55.33	65.25	-1,650.24	3,914.85	2,396.65	2,321.77	74.88	32.007		
7,700.00	6,990.95	7,100.00	6,667.90	28.24	55.33	65.25	-1,650.24	3,914.85	2,301.34	2,226.37	74.96	30.700		
7,800.00	6,990.42	7,100.00	6,667.90	29.37	55.33	65.25	-1,650.24	3,914.85	2,206.44	2,131.37	75.07	29.392		
7,900.00	6,989.89	7,100.00	6,667.90	30.54	55.33	65.25	-1,650.24	3,914.85	2,112.00	2,036.80	75.21	28.081		
8,000.00	6,989.36	7,100.00	6,667.90	31.77	55.33	65.25	-1,650.24	3,914.85	2,018.11	1,942.72	75.39	26.770		
8,100.00	6,988.83	7,100.00	6,667.90	33.04	55.33	65.25	-1,650.24	3,914.85	1,924.83	1,849.22	75.61	25.457		
8,200.00	6,988.30	7,100.00	6,667.90	34.34	55.33	65.25	-1,650.24	3,914.85	1,832.26	1,756.37	75.89	24.144		
8,300.00	6,987.77	7,140.33	6,704.61	35.68	55.73	67.58	-1,636.85	3,924.82	1,738.69	1,662.10	76.59	22.702		
8,400.00	6,987.24	7,147.73	6,711.27	37.05	55.80	68.02	-1,634.43	3,926.94	1,647.14	1,570.07	77.07	21.371		
8,500.00	6,986.71	7,155.82	6,718.52	38.44	55.88	68.51	-1,631.79	3,929.37	1,556.50	1,478.84	77.66	20.043		
8,600.00	6,986.18	7,164.70	6,726.44	39.85	55.97	69.05	-1,628.90	3,932.17	1,466.89	1,388.53	78.36	18.719		
8,700.00	6,985.65	7,200.00	6,757.49	41.29	56.32	71.27	-1,617.59	3,944.55	1,379.26	1,299.90	79.36	17.379		
8,800.00	6,985.12	7,200.00	6,757.49	42.74	56.32	71.27	-1,617.59	3,944.55	1,291.79	1,211.48	80.30	16.086		
8,900.00	6,984.59	7,200.00	6,757.49	44.21	56.32	71.27	-1,617.59	3,944.55	1,206.26	1,124.83	81.43	14.813		
9,000.00	6,984.06	7,200.00	6,757.49	45.69	56.32	71.27	-1,617.59	3,944.55	1,123.13	1,040.35	82.78	13.568		
9,100.00	6,983.53	7,200.00	6,757.49	47.19	56.32	71.27	-1,617.59	3,944.55	1,042.96	958.62	84.35	12.365		
9,200.00	6,983.00	7,243.03	6,794.30	48.70	56.81	74.09	-1,604.21	3,962.36	964.16	877.68	86.48	11.149		
9,300.00	6,982.47	7,262.46	6,810.48	50.22	57.03	75.40	-1,598.33	3,971.35	889.71	801.02	88.69	10.032		
9,400.00	6,981.94	7,300.00	6,840.90	51.74	57.46	77.97	-1,587.28	3,990.36	819.80	728.57	91.22	8.987		
9,500.00	6,981.41	7,300.00	6,840.90	53.28	57.46	77.97	-1,587.28	3,990.36	754.54	660.89	93.65	8.057		
9,600.00	6,980.88	7,339.95	6,871.92	54.83	57.97	80.76	-1,576.03	4,012.86	695.46	598.93	96.53	7.204		
9,700.00	6,980.35	7,374.51	6,897.52	56.38	58.42	83.18	-1,566.75	4,034.16	643.77	544.55	99.22	6.488		
9,800.00	6,979.82	7,415.00	6,925.90	57.94	58.96	85.99	-1,556.48	4,061.12	600.36	498.70	101.66	5.906		
9,900.00	6,979.29	7,462.54	6,956.86	59.51	59.63	89.20	-1,545.31	4,095.41	566.00	462.28	103.72	5.457		
10,000.00	6,978.76	7,518.31	6,989.62	61.08	60.44	92.76	-1,533.51	4,138.94	540.89	435.58	105.31	5.136		
10,100.00	6,978.23	7,583.29	7,022.58	62.65	61.43	96.48	-1,521.69	4,193.64	524.41	417.81	106.60	4.919		
10,200.00	6,977.70	7,657.84	7,052.95	64.24	62.60	100.02	-1,510.86	4,260.80	515.08	407.13	107.94	4.772		
10,300.00	6,977.17	7,741.16	7,076.89	65.82	63.96	102.87	-1,502.44	4,340.08	510.84	401.10	109.74	4.655		
10,400.00	6,976.64	7,830.85	7,090.32	67.41	65.46	104.51	-1,497.90	4,428.55	509.70	397.37	112.33	4.538		
10,407.40	6,976.60	7,837.64	7,090.81	67.53	65.57	104.57	-1,497.75	4,435.32	509.69	397.14	112.55	4.528 CC		
10,500.00	6,976.11	7,926.82	7,092.13	69.01	67.08	104.76	-1,497.64	4,524.47	510.17	394.25	115.93	4.401		
10,600.00	6,975.58	8,026.82	7,092.13	70.61	68.86	104.81	-1,498.07	4,624.47	510.85	390.85	120.00	4.257		
10,700.00	6,975.05	8,126.81	7,092.13	72.21	70.74	104.85	-1,498.49	4,724.47	511.53	387.37	124.16	4.120		
10,800.00	6,974.52	8,226.81	7,092.13	73.81	72.73	104.89	-1,498.92	4,824.46	512.21	383.81	128.40	3.989		
10,900.00	6,973.99	8,326.81	7,092.13	75.42	74.82	104.93	-1,499.34	4,924.46	512.89	380.18	132.71	3.865		
11,000.00	6,973.46	8,426.81	7,092.13	77.03	77.01	104.97	-1,499.77	5,024.45	513.57	376.49	137.08	3.747		
11,100.00	6,972.93	8,526.80	7,092.13	78.65	79.29	105.01	-1,500.19	5,124.45	514.25	372.75	141.50	3.634		
11,200.00	6,972.40	8,626.80	7,092.13	80.26	81.65	105.05	-1,500.62	5,224.45	514.93	368.97	145.96	3.528		
11,300.00	6,971.87	8,726.80	7,092.13	81.88	84.09	105.09	-1,501.04	5,324.44	515.61	365.15	150.46	3.427		
11,400.00	6,971.34	8,826.79	7,092.13	83.50	86.60	105.13	-1,501.47	5,424.44	516.29	361.29	155.00	3.331		
11,500.00	6,970.81	8,926.79	7,092.13	85.12	89.18	105.17	-1,501.89	5,524.43	516.97	357.41	159.56	3.240		
11,600.00	6,970.28	9,026.79	7,092.13	86.75	91.82	105.21	-1,502.32	5,624.43	517.65	353.50	164.15	3.153		
11,700.00	6,969.75	9,126.78	7,092.13	88.37	94.52	105.25	-1,502.74	5,724.43	518.33	349.56	168.77	3.071		
11,800.00	6,969.22	9,226.78	7,092.13	90.00	97.27	105.29	-1,503.17	5,824.42	519.01	345.60	173.41	2.993		
11,900.00	6,968.69	9,326.78	7,092.13	91.63	100.06	105.33	-1,503.59	5,924.42	519.69	341.63	178.06	2.919		
12,000.00	6,968.16	9,426.78	7,092.13	93.26	102.90	105.37	-1,504.02	6,024.42	520.38	337.64	182.74	2.848		
12,100.00	6,967.63	9,526.77	7,092.13	94.89	105.78	105.41	-1,504.44	6,124.41	521.06	333.63	187.43	2.780		
12,200.00	6,967.10	9,626.77	7,092.13	96.53	108.70	105.45	-1,504.87	6,224.41	521.74	329.61	192.13	2.716		
12,300.00	6,966.57	9,726.77	7,092.13	98.16	111.65	105.49	-1,505.29	6,324.40	522.42	325.58	196.84	2.654		
12,400.00	6,966.04	9,826.76	7,092.13	99.80	114.63	105.53	-1,505.72	6,424.40	523.11	321.54	201.57	2.595		
12,500.00	6,965.51	9,926.76	7,092.13	101.44	117.64	105.57	-1,506.14	6,524.40	523.79	317.49	206.30	2.539		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	6,964.98	10,026.76	7,092.13	103.08	120.67	105.61	-1,506.57	6,624.39	524.47	313.42	211.05	2.485		
12,700.00	6,964.45	10,126.75	7,092.13	104.72	123.73	105.65	-1,506.99	6,724.39	525.16	309.36	215.80	2.434		
12,800.00	6,963.92	10,226.75	7,092.13	106.36	126.81	105.69	-1,507.42	6,824.38	525.84	305.28	220.56	2.384		
12,900.00	6,963.39	10,326.75	7,092.13	108.00	129.91	105.73	-1,507.84	6,924.38	526.52	301.20	225.33	2.337		
13,000.00	6,962.86	10,426.75	7,092.13	109.64	133.03	105.77	-1,508.27	7,024.38	527.21	297.11	230.10	2.291		
13,100.00	6,962.33	10,526.74	7,092.13	111.28	136.17	105.81	-1,508.69	7,124.37	527.89	293.01	234.88	2.248		
13,200.00	6,961.80	10,626.74	7,092.13	112.93	139.32	105.85	-1,509.12	7,224.37	528.58	288.92	239.66	2.206		
13,300.00	6,961.27	10,726.74	7,092.13	114.57	142.49	105.88	-1,509.54	7,324.36	529.26	284.81	244.45	2.165		
13,400.00	6,960.74	10,826.73	7,092.13	116.22	145.67	105.92	-1,509.97	7,424.36	529.95	280.71	249.24	2.126		
13,500.00	6,960.21	10,926.73	7,092.13	117.87	148.87	105.96	-1,510.39	7,524.36	530.63	276.60	254.04	2.089		
13,600.00	6,959.68	11,026.73	7,092.13	119.51	152.07	106.00	-1,510.81	7,624.35	531.32	272.48	258.84	2.053		
13,700.00	6,959.15	11,126.72	7,092.13	121.16	155.29	106.04	-1,511.24	7,724.35	532.00	268.37	263.64	2.018		
13,800.00	6,958.62	11,226.72	7,092.13	122.81	158.52	106.08	-1,511.66	7,824.35	532.69	264.25	268.44	1.984		
13,900.00	6,958.09	11,326.72	7,092.13	124.46	161.76	106.11	-1,512.09	7,924.34	533.38	260.13	273.25	1.952		
14,000.00	6,957.56	11,426.72	7,092.13	126.11	165.00	106.15	-1,512.51	8,024.34	534.06	256.00	278.06	1.921		
14,100.00	6,957.03	11,526.71	7,092.13	127.76	168.26	106.19	-1,512.94	8,124.33	534.75	251.88	282.87	1.890		
14,200.00	6,956.50	11,626.71	7,092.13	129.41	171.52	106.23	-1,513.36	8,224.33	535.44	247.75	287.69	1.861		
14,300.00	6,955.97	11,726.71	7,092.13	131.07	174.79	106.26	-1,513.79	8,324.33	536.13	243.62	292.50	1.833		
14,400.00	6,955.44	11,826.70	7,092.13	132.72	178.07	106.30	-1,514.21	8,424.32	536.81	239.49	297.32	1.805		
14,500.00	6,954.91	11,926.70	7,092.13	134.37	181.36	106.34	-1,514.64	8,524.32	537.50	235.36	302.14	1.779		
14,600.00	6,954.38	12,026.70	7,092.13	136.02	184.65	106.38	-1,515.06	8,624.31	538.19	231.23	306.96	1.753		
14,700.00	6,953.85	12,126.70	7,092.13	137.68	187.94	106.41	-1,515.49	8,724.31	538.88	227.09	311.78	1.728		
14,800.00	6,953.32	12,226.69	7,092.13	139.33	191.25	106.45	-1,515.91	8,824.31	539.57	222.96	316.60	1.704		
14,900.00	6,952.79	12,326.69	7,092.13	140.99	194.55	106.49	-1,516.34	8,924.30	540.25	218.83	321.43	1.681		
15,000.00	6,952.26	12,426.69	7,092.13	142.64	197.87	106.52	-1,516.76	9,024.30	540.94	214.69	326.25	1.658		
15,100.00	6,951.73	12,526.68	7,092.13	144.30	201.18	106.56	-1,517.19	9,124.30	541.63	210.56	331.08	1.636		
15,200.00	6,951.20	12,626.68	7,092.13	145.95	204.50	106.60	-1,517.61	9,224.29	542.32	206.42	335.90	1.615		
15,300.00	6,950.67	12,726.68	7,092.13	147.61	207.83	106.63	-1,518.04	9,324.29	543.01	202.29	340.73	1.594		
15,400.00	6,950.14	12,826.67	7,092.13	149.27	211.16	106.67	-1,518.46	9,424.28	543.70	198.15	345.55	1.573		
15,500.00	6,949.61	12,926.67	7,092.13	150.92	214.49	106.71	-1,518.89	9,524.28	544.39	194.02	350.38	1.554		
15,600.00	6,949.08	13,026.67	7,092.13	152.58	217.83	106.74	-1,519.31	9,624.28	545.08	189.88	355.20	1.535		
15,700.00	6,948.55	13,126.67	7,092.13	154.24	221.17	106.78	-1,519.74	9,724.27	545.77	185.74	360.03	1.516		
15,800.00	6,948.02	13,226.66	7,092.13	155.90	224.52	106.82	-1,520.16	9,824.27	546.46	181.61	364.85	1.498 Level 3		
15,900.00	6,947.49	13,326.66	7,092.13	157.56	227.86	106.85	-1,520.59	9,924.26	547.15	177.48	369.68	1.480 Level 3		
16,000.00	6,946.96	13,426.66	7,092.13	159.22	231.22	106.89	-1,521.01	10,024.26	547.85	173.34	374.50	1.463 Level 3		
16,100.00	6,946.43	13,526.65	7,092.13	160.87	234.57	106.92	-1,521.44	10,124.26	548.54	169.21	379.33	1.446 Level 3		
16,200.00	6,945.90	13,626.65	7,092.13	162.53	237.92	106.96	-1,521.86	10,224.25	549.23	165.07	384.16	1.430 Level 3		
16,300.00	6,945.37	13,726.65	7,092.13	164.19	241.28	107.00	-1,522.29	10,324.25	549.92	160.94	388.98	1.414 Level 3		
16,400.00	6,944.84	13,826.64	7,092.13	165.85	244.64	107.03	-1,522.71	10,424.24	550.61	156.81	393.80	1.398 Level 3		
16,500.00	6,944.31	13,926.64	7,092.13	167.51	248.01	107.07	-1,523.13	10,524.24	551.30	152.68	398.63	1.383 Level 3		
16,600.00	6,943.78	14,026.64	7,092.13	169.17	251.37	107.10	-1,523.56	10,624.24	552.00	148.54	403.45	1.368 Level 3		
16,700.00	6,943.25	14,126.64	7,092.13	170.83	254.74	107.14	-1,523.98	10,724.23	552.69	144.41	408.28	1.354 Level 3		
16,800.00	6,942.72	14,226.63	7,092.13	172.49	258.11	107.17	-1,524.41	10,824.23	553.38	140.28	413.10	1.340 Level 3		
16,900.00	6,942.19	14,326.63	7,092.13	174.16	261.48	107.21	-1,524.83	10,924.23	554.08	136.15	417.92	1.326 Level 3		
17,000.00	6,941.66	14,426.63	7,092.13	175.82	264.86	107.24	-1,525.26	11,024.22	554.77	132.03	422.74	1.312 Level 3		
17,100.00	6,941.13	14,526.62	7,092.13	177.48	268.23	107.28	-1,525.68	11,124.22	555.46	127.90	427.56	1.299 Level 3		
17,200.00	6,940.60	14,626.62	7,092.13	179.14	271.61	107.31	-1,526.11	11,224.21	556.16	123.77	432.38	1.286 Level 3		
17,300.00	6,940.07	14,726.62	7,092.13	180.80	274.99	107.35	-1,526.53	11,324.21	556.85	119.65	437.20	1.274 Level 3		
17,400.00	6,939.54	14,826.61	7,092.13	182.46	278.37	107.38	-1,526.96	11,424.21	557.54	115.52	442.02	1.261 Level 3		
17,500.00	6,939.01	14,926.61	7,092.13	184.13	281.75	107.42	-1,527.38	11,524.20	558.24	111.40	446.84	1.249 Level 2		
17,600.00	6,938.48	15,026.61	7,092.13	185.79	285.14	107.45	-1,527.81	11,624.20	558.93	107.28	451.66	1.238 Level 2		
17,601.54	6,938.47	15,028.15	7,092.13	185.81	285.19	107.45	-1,527.81	11,625.74	558.94	107.21	451.73	1.237 Level 2, ES, SF		

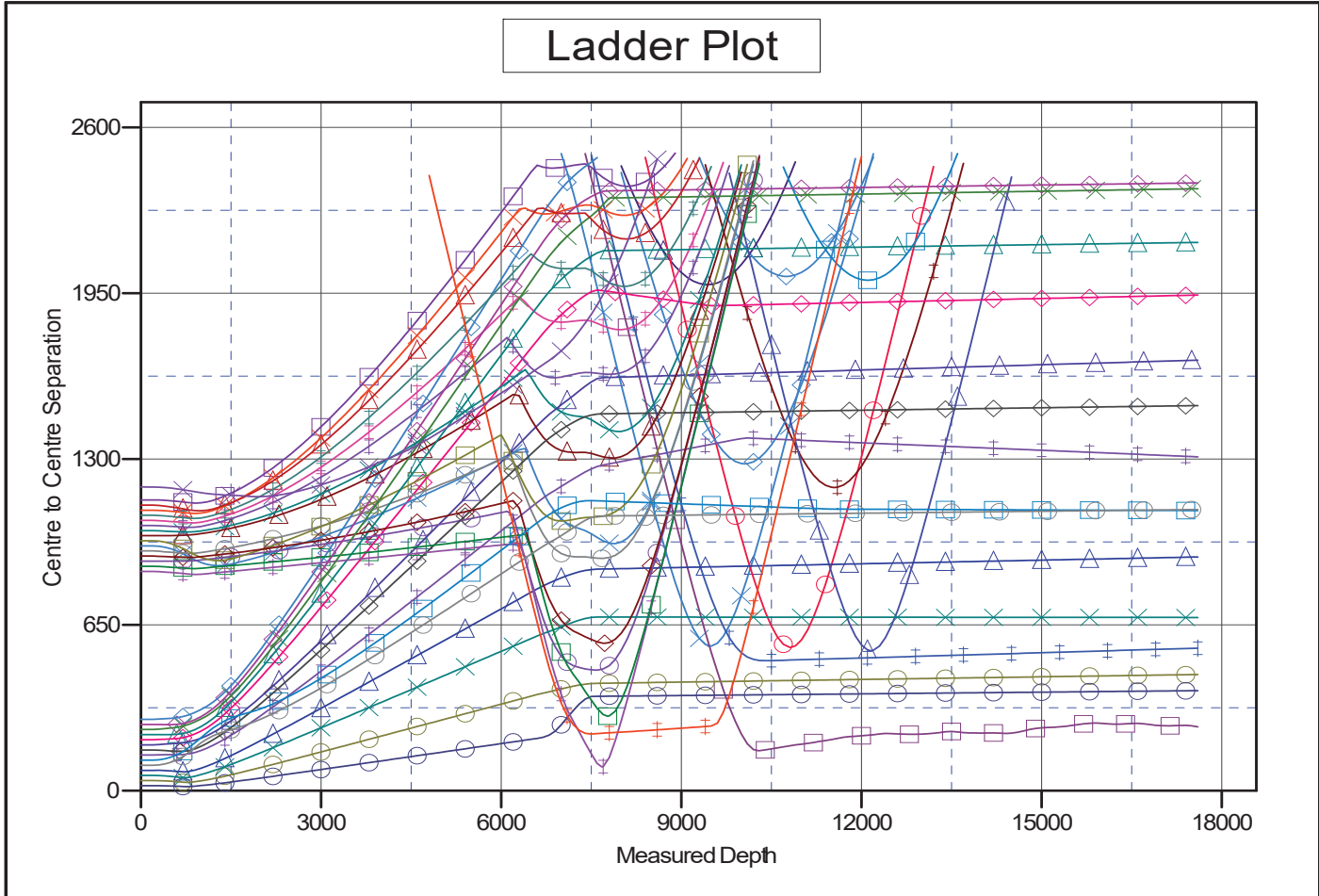
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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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

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 36N-3A-L  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.45°



### LEGEND

- |   |                                    |   |
|---|------------------------------------|---|
| DUKE-J4-12_SROPRWell_ActualVESurveys(Grid to True) V0             | VOLT114N8B-L_Wellbore#1_Design#1V0 | VOLT36G-L_Wellbore#1_Design#1V0                             |
| DUKE-L5X05-10_SROPRWell_ActualVESurveys(Grid to True) V0          | VOLT12N6A-M_Wellbore#1_Design#1V0  | VOLT11N8B-L_Wellbore#1_Design#1V0                           |
| DUKE-L5X05-9_SROPRWell_ActualVESurveys(Grid to True) V0           | VOLT12N6M-Wellbore#1_Design#1V0    | VOLT13N6G-M_Wellbore#1_Design#1V0                           |
| DUKE-J4-13_SROPRWell_ActualVESurveys(Grid to True) V0             | VOLT11G3-L_Wellbore#1_Design#1V0   | VOLT34N6M-Wellbore#1_Design#1V0                             |
| DUKE-J4-25_SROPRWell_ActualVESurveys(Grid to True) V0             | VOLT13N6B-M_Wellbore#1_Design#1V0  | VOLT34O6-M_Wellbore#1_Design#1V0                            |
| DUKE-J4-11_SROPRWell_ActualVESurveys(Grid to True) V0             | VOLT32N6B-M_Wellbore#1_Design#1V0  | VOLT23N8A-L_Wellbore#1_Design#1V0                           |
| DUKE-J4-33_SROPSWell_ActualVESurveys(Grid to True) V0             | VOLT25N6G-L_Wellbore#1_Design#1V0  | VOLT14G8-L_Wellbore#1_Design#1V0                            |
| DUKE-J4-14_SROPSWell_ActualVESurveys(Grid to True) V0             | VOLT34N6M-Wellbore#1_Design#1V0    | VOLT25N8A-L_Wellbore#1_Design#1V0                           |
| TCMOISERHILL-2-9-11XOGRWell_ActualVESurveysV0                     | VOLT14N6G-L_Wellbore#1_Design#1V0  | VOLT25C3-L_Wellbore#1_Design#1V0                            |
| TCMOISERHILL-3-9-11ExradonPRWell(Plan Only)_PlannedEtadonSurveyV0 | VOLT33N6C-M_Wellbore#1_Design#1V0  | VOLT32O6-M_Wellbore#1_Design#1V0                            |
| VOLT36N8B-L_Wellbore#1_Design#1V0                                 | VOLT23N6B-L_Wellbore#1_Design#1V0  | VOLT12N6G-M_Wellbore#1_Design#1V0                           |
| VOLT11N8G-L_Wellbore#1_Design#1V0                                 | VOLT32N6A-M_Wellbore#1_Design#1V0  | BOSTFARM26N8B-L_Wellbore#1_Design#1V0                       |
| VOLT33G6-M_Wellbore#1_Design#1V0                                  | VOLT23N6G-L_Wellbore#1_Design#1V0  | PSCJ5-11_NobleEnergySIWell_ActualVESurveys(Grid to True) V0 |
| VOLT13G6-M_Wellbore#1_Design#1V0                                  | VOLT33N6A-M_Wellbore#1_Design#1V0  |   |

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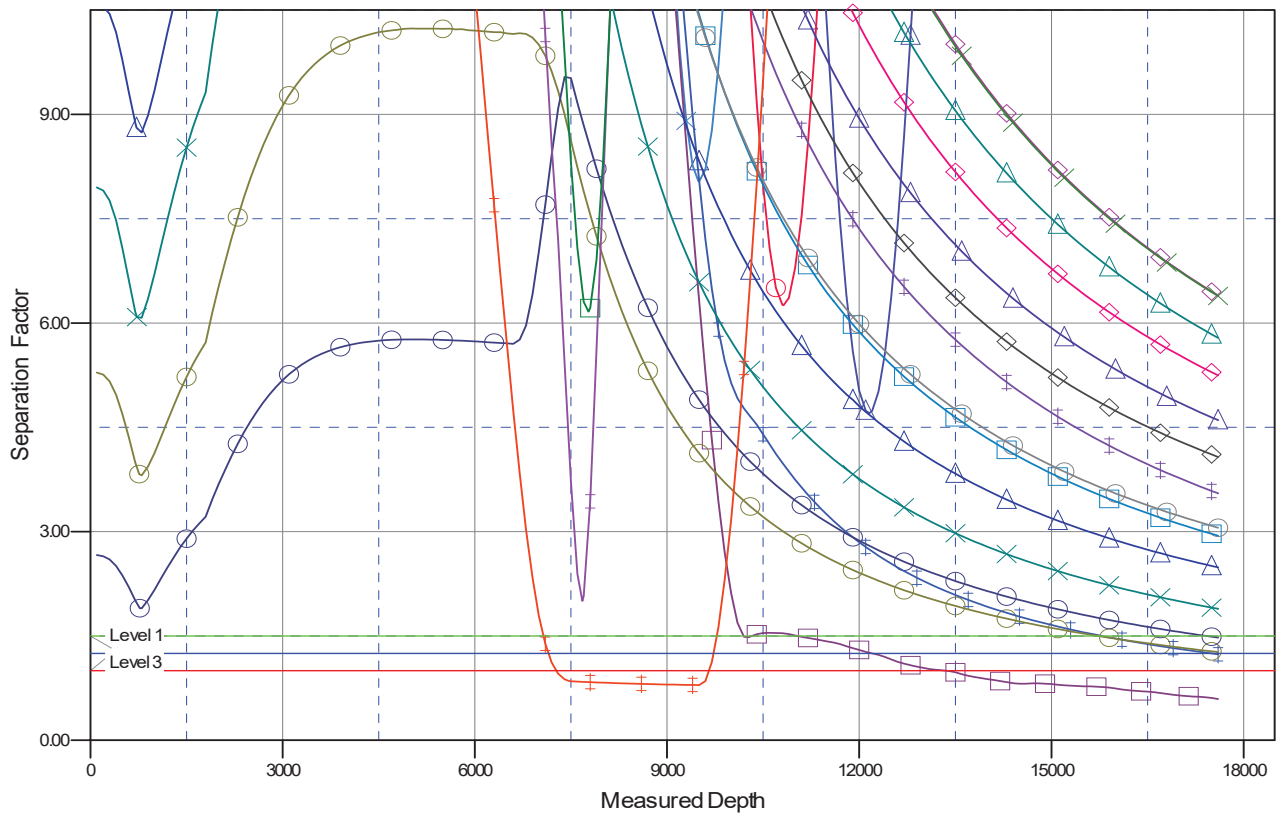
## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 36N-3A-L
<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 36N-3A-L	<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

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 36N-3A-L  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.45°

### Separation Factor Plot



#### LEGEND

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|--|---|--|
| <ul style="list-style-type: none"> <li>DUKE J4-12, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>Duke USX05-16, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>DUKE USX05-9, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>DUKE J4-13, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>DUKE J4-25, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>DUKE J4-11, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>DUKE J4-33, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>DUKE J4-14, SRQPRWell, Actual VES Surveys (Grid to True) V0</li> <li>TCMOISRHILL 2-9-11 XOG PR Well, Actual Total Surveys V0</li> <li>TCMOISRHILL 3-9-11 Etadon PR Well (Plan Only) Planned Etadon Surveys V0</li> <li>VOLT 36NBL Wellbore#1, Design#1 V0</li> <li>VOLT 11NBCL Wellbore#1, Design#1 V0</li> <li>VOLT 336CM Wellbore#1, Design#1 V0</li> <li>VOLT 1306M Wellbore#1, Design#1 V0</li> </ul> | <ul style="list-style-type: none"> <li>VOLT 114NBBL Wellbore#1, Design#1 V0</li> <li>VOLT 12N6AM Wellbore#1, Design#1 V0</li> <li>VOLT 12N6BM Wellbore#1, Design#1 V0</li> <li>VOLT 11G3-L Wellbore#1, Design#1 V0</li> <li>VOLT 113N6BM Wellbore#1, Design#1 V0</li> <li>VOLT 32N6BM Wellbore#1, Design#1 V0</li> <li>VOLT 22N6CL Wellbore#1, Design#1 V0</li> <li>VOLT 34N6BM Wellbore#1, Design#1 V0</li> <li>VOLT 14N6CL Wellbore#1, Design#1 V0</li> <li>VOLT 33N6CM Wellbore#1, Design#1 V0</li> <li>VOLT 14N6CL Wellbore#1, Design#1 V0</li> <li>VOLT 33N6CM Wellbore#1, Design#1 V0</li> <li>VOLT 123N6BL Wellbore#1, Design#1 V0</li> <li>VOLT 32N6AM Wellbore#1, Design#1 V0</li> <li>VOLT 32N6CL Wellbore#1, Design#1 V0</li> <li>VOLT 33N6AM Wellbore#1, Design#1 V0</li> </ul> | <ul style="list-style-type: none"> <li>VOLT 36C3-L Wellbore#1, Design#1 V0</li> <li>VOLT 11N8BL Wellbore#1, Design#1 V0</li> <li>VOLT 13N6CM Wellbore#1, Design#1 V0</li> <li>VOLT 34N6CM Wellbore#1, Design#1 V0</li> <li>VOLT 34C6M Wellbore#1, Design#1 V0</li> <li>VOLT 23N6AL Wellbore#1, Design#1 V0</li> <li>VOLT 14C3-L Wellbore#1, Design#1 V0</li> <li>VOLT 25N6AL Wellbore#1, Design#1 V0</li> <li>VOLT 25C3-L Wellbore#1, Design#1 V0</li> <li>VOLT 32C6M Wellbore#1, Design#1 V0</li> <li>VOLT 12N6CM Wellbore#1, Design#1 V0</li> <li>BOSTFARM26N8BL Wellbore#1, Design#1 V0</li> <li>PSCJ5-11, Noble Energy @ Well, Actual VES Surveys (Grid to True) V0</li> </ul> |
|--|---|--|