

# **SRC ENERGY**

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

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

**VOLT 11C-3-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 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	18,206.76	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

<b>Summary</b>						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
5N-66W-04 Offsets Incomplete						
DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid	12,246.92	7,515.86	380.04	262.61	3.236	CC, ES, SF
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,892.29	7,302.89	403.68	313.74	4.488	CC
DUKE J 4-12 - SRCI PR Well - Actual VES Surveys (Grid	10,900.00	7,302.92	403.75	313.63	4.480	ES, SF
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	10,955.97	7,407.90	1,044.37	953.10	11.442	CC, ES
DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid	11,000.00	7,407.23	1,045.30	953.51	11.388	SF
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,291.36	7,566.40	1,073.69	956.05	9.127	CC
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,300.00	7,566.41	1,073.72	955.95	9.117	ES
DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Gr	12,400.00	7,566.56	1,079.17	960.28	9.077	SF
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,683.93	7,409.48	427.82	323.67	4.108	CC, ES
DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid	11,700.00	7,409.53	428.12	323.90	4.108	SF
DUKE J 4-33 - SRCI SI Well - Actual VES Surveys (Grid	10,192.56	7,284.80	326.47	247.93	4.157	CC, ES, SF
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,619.69	7,447.33	1,035.28	963.52	14.428	CC, ES
Duke USX J 05-16 - SRCI P&A Well - Actual VES Survey	9,700.00	7,447.30	1,038.39	965.99	14.343	SF
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,577.40	7,420.03	379.05	308.15	5.346	CC, ES
DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys	9,600.00	7,420.13	379.72	308.44	5.327	SF
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	11,830.58	7,449.23	1,177.72	1,062.63	10.233	CC, ES
SRC Northridge 4KD - SRCI P&A Well - Actual VES Surv	12,000.00	7,450.18	1,189.84	1,072.01	10.097	SF
5N-66W-05 Offsets Incomplete						
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	16,731.55	16,503.78	1,246.03	800.98	2.800	CC
BOOMERANG 28C-3-L - SRC Energy PR Well - Actual B	18,206.76	17,958.55	1,252.98	740.81	2.446	ES, SF
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,100.00	8,023.80	1,325.65	1,271.17	24.333	SF
BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI S	7,386.80	7,817.04	1,304.66	1,253.08	25.297	CC, ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	6,440.83	6,286.24	239.63	206.24	7.176	CC, ES
PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys	6,600.00	6,439.85	243.58	209.37	7.120	SF
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	6,457.12	6,566.94	1,440.54	1,399.24	34.887	CC, ES
WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coret	7,500.00	7,509.62	1,613.87	1,564.22	32.499	SF
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,712.03	7,633.29	1,228.42	1,175.84	23.363	CC, ES
WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coret	7,900.00	7,644.33	1,244.75	1,190.55	22.965	SF

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 11N-3B-L - Wellbore #1 - Design #1	591.84	595.24	35.60	27.45	4.371	CC
VOLT 11N-3B-L - Wellbore #1 - Design #1	600.00	603.46	35.60	27.44	4.362	ES
VOLT 11N-3B-L - Wellbore #1 - Design #1	18,206.76	18,057.03	520.82	147.38	1.395	Level 3, SF
VOLT 11N-3C-L - Wellbore #1 - Design #1	522.57	523.88	18.42	10.42	2.304	CC
VOLT 11N-3C-L - Wellbore #1 - Design #1	18,206.76	18,128.99	298.97	-70.37	0.809	Level 1, ES, SF
VOLT 12N-6A-M - Wellbore #1 - Design #1	7,140.02	7,723.03	81.33	38.63	1.905	CC, ES, SF
VOLT 12N-6B-M - Wellbore #1 - Design #1	7,336.92	7,772.32	268.75	224.64	6.092	CC, ES, SF
VOLT 12N-6C-M - Wellbore #1 - Design #1	7,543.79	7,708.68	459.63	413.75	10.018	CC
VOLT 12N-6C-M - Wellbore #1 - Design #1	7,600.00	7,656.79	459.95	413.70	9.945	ES
VOLT 12N-6C-M - Wellbore #1 - Design #1	7,800.00	7,483.35	465.38	417.85	9.791	SF
VOLT 13C-6-M - Wellbore #1 - Design #1	7,577.83	7,640.66	618.37	573.95	13.922	CC
VOLT 13C-6-M - Wellbore #1 - Design #1	7,600.00	7,620.25	618.45	573.85	13.867	ES
VOLT 13C-6-M - Wellbore #1 - Design #1	7,800.00	7,449.71	625.55	579.40	13.554	SF
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,247.16	7,715.20	665.32	623.28	15.828	CC, ES
VOLT 13N-6B-M - Wellbore #1 - Design #1	7,300.00	7,678.37	666.41	624.17	15.778	SF
VOLT 13N-6C-M - Wellbore #1 - Design #1	7,260.96	7,778.62	997.74	955.55	23.648	CC, ES
VOLT 13N-6C-M - Wellbore #1 - Design #1	8,000.00	7,212.99	1,059.31	1,012.24	22.503	SF
VOLT 14C-3-L - Wellbore #1 - Design #1	947.42	940.81	32.33	23.06	3.486	CC, ES
VOLT 14C-3-L - Wellbore #1 - Design #1	18,100.00	18,137.95	604.89	219.83	1.571	SF
VOLT 14N-3B-L - Wellbore #1 - Design #1	200.00	201.00	99.95	92.38	13.196	CC, ES
VOLT 14N-3B-L - Wellbore #1 - Design #1	18,100.00	17,959.89	773.90	399.07	2.065	SF
VOLT 14N-3C-L - Wellbore #1 - Design #1	200.00	198.00	120.00	112.42	15.845	CC, ES
VOLT 14N-3C-L - Wellbore #1 - Design #1	18,100.00	18,047.35	1,019.31	637.61	2.670	SF
VOLT 23N-3A-L - Wellbore #1 - Design #1	861.51	856.92	23.96	15.01	2.677	CC, ES
VOLT 23N-3A-L - Wellbore #1 - Design #1	18,100.00	17,830.36	647.99	302.48	1.875	SF
VOLT 23N-3B-L - Wellbore #1 - Design #1	200.00	200.00	20.05	12.47	2.647	CC
VOLT 23N-3B-L - Wellbore #1 - Design #1	18,200.00	18,028.81	240.47	-47.77	0.834	Level 1, ES, SF
VOLT 23N-3C-L - Wellbore #1 - Design #1	245.60	245.61	39.81	32.20	5.232	CC
VOLT 23N-3C-L - Wellbore #1 - Design #1	18,100.00	18,009.66	388.00	18.80	1.051	Level 2, ES, SF
VOLT 25C-3-L - Wellbore #1 - Design #1	304.92	306.01	60.14	52.47	7.841	CC, ES
VOLT 25C-3-L - Wellbore #1 - Design #1	18,206.76	18,221.11	679.91	291.31	1.750	SF
VOLT 25N-3A-L - Wellbore #1 - Design #1	607.34	615.78	74.12	65.94	9.054	CC, ES
VOLT 25N-3A-L - Wellbore #1 - Design #1	18,206.76	17,955.11	795.19	426.93	2.159	SF
VOLT 25N-3C-L - Wellbore #1 - Design #1	430.24	435.38	99.18	91.34	12.652	CC, ES
VOLT 25N-3C-L - Wellbore #1 - Design #1	18,206.76	18,174.36	925.96	537.96	2.386	SF
VOLT 32C-6-M - Wellbore #1 - Design #1	7,900.46	7,463.89	658.58	608.93	13.264	CC, ES
VOLT 32C-6-M - Wellbore #1 - Design #1	8,100.00	7,319.11	669.42	617.92	12.999	SF
VOLT 32N-6A-M - Wellbore #1 - Design #1	7,183.25	7,843.32	735.02	689.97	16.316	CC, ES
VOLT 32N-6A-M - Wellbore #1 - Design #1	7,300.00	7,766.48	740.14	694.62	16.258	SF
VOLT 32N-6B-M - Wellbore #1 - Design #1	7,408.57	7,851.96	882.20	835.66	18.957	CC, ES
VOLT 32N-6B-M - Wellbore #1 - Design #1	8,200.00	7,208.23	914.15	861.61	17.401	SF
VOLT 33C-6-M - Wellbore #1 - Design #1	7,631.71	7,622.25	157.37	112.25	3.488	CC, ES, SF
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,094.04	7,677.15	487.49	445.96	11.738	CC, ES
VOLT 33N-6A-M - Wellbore #1 - Design #1	7,100.00	7,674.34	487.52	445.97	11.734	SF
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,397.52	7,701.55	268.51	225.41	6.231	CC
VOLT 33N-6C-M - Wellbore #1 - Design #1	7,400.00	7,700.50	268.51	225.40	6.229	ES, SF
VOLT 34C-6-M - Wellbore #1 - Design #1	1,537.89	1,342.15	1,041.51	1,029.99	90.391	CC
VOLT 34C-6-M - Wellbore #1 - Design #1	1,700.00	1,501.18	1,041.99	1,029.57	83.938	ES
VOLT 34C-6-M - Wellbore #1 - Design #1	8,200.00	7,125.63	1,359.61	1,309.25	26.996	SF
VOLT 34N-6B-M - Wellbore #1 - Design #1	1,697.16	1,504.89	1,072.13	1,059.76	86.636	CC
VOLT 34N-6B-M - Wellbore #1 - Design #1	1,800.00	1,603.48	1,072.27	1,059.32	82.824	ES
VOLT 34N-6B-M - Wellbore #1 - Design #1	8,000.00	7,144.12	1,175.98	1,129.20	25.137	SF
VOLT 34N-6C-M - Wellbore #1 - Design #1	1,241.89	1,046.88	1,021.86	1,011.81	101.729	CC

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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
Offset Well - Wellbore - Design						
5N-66W-05 VOLT 19-5 PAD						
VOLT 34N-6C-M - Wellbore #1 - Design #1	1,300.00	1,103.53	1,021.94	1,011.62	98.980	ES
VOLT 34N-6C-M - Wellbore #1 - Design #1	8,300.00	7,022.92	1,586.32	1,535.09	30.965	SF
VOLT 36C-3-L - Wellbore #1 - Design #1	200.00	198.00	159.81	152.24	21.102	CC, ES
VOLT 36C-3-L - Wellbore #1 - Design #1	17,800.00	17,893.49	1,438.29	1,064.87	3.852	SF
VOLT 36N-3A-L - Wellbore #1 - Design #1	200.00	198.00	179.86	172.29	23.749	CC, ES
VOLT 36N-3A-L - Wellbore #1 - Design #1	17,800.00	17,601.54	1,689.35	1,321.70	4.595	SF
VOLT 36N-3B-L - Wellbore #1 - Design #1	200.00	198.00	140.04	132.47	18.492	CC, ES
VOLT 36N-3B-L - Wellbore #1 - Design #1	18,100.00	17,997.31	1,238.45	858.11	3.256	SF
5N-66W-07 BOST FARM 5-7 PAD						
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	7,054.95	15,110.54	1,768.54	1,507.76	6.782	CC
BOST FARM 26N-8B-L - Wellbore #1 - Design #1	9,700.00	17,573.34	1,828.69	1,463.38	5.006	ES, SF
5N-66W-08 Offsets Need HZ						
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	10,601.38	7,976.07	1,764.82	1,648.86	15.220	CC
TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total S	18,206.76	15,607.16	1,866.11	1,374.82	3.798	ES, SF
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	10,541.87	7,855.44	2,109.78	1,994.50	18.302	CC
TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only)	18,206.76	15,484.98	2,200.19	1,709.35	4.483	ES, SF

<b>Offset Design</b>		5N-66W-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)											Offset Site Error:	0.00 usft
<b>Survey Program:</b>		100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2" CONE_2.448											Offset Well Error:	3.28 usft
Reference Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,287.54	7,507.83	7,237.57	56.09	21.96	-89.02	996.57	6,309.08	2,476.24	2,436.47	39.77	62.261		
9,900.00	7,287.32	7,508.16	7,237.90	57.65	21.96	-89.07	996.57	6,309.08	2,377.48	2,337.53	39.95	59.513		
10,000.00	7,287.10	7,508.49	7,238.23	59.21	21.96	-89.12	996.57	6,309.08	2,278.82	2,238.67	40.15	56.754		
10,100.00	7,286.87	7,508.82	7,238.56	60.79	21.96	-89.17	996.57	6,309.08	2,180.29	2,139.90	40.39	53.981		
10,200.00	7,286.65	7,509.15	7,238.89	62.36	21.96	-89.22	996.57	6,309.08	2,081.89	2,041.22	40.67	51.194		
10,300.00	7,286.43	7,509.47	7,239.21	63.95	21.97	-89.27	996.56	6,309.08	1,983.65	1,942.66	40.99	48.392		
10,400.00	7,286.20	7,509.80	7,239.54	65.53	21.97	-89.32	996.56	6,309.09	1,885.61	1,844.23	41.38	45.573		
10,500.00	7,285.98	7,510.13	7,239.87	67.12	21.97	-89.37	996.56	6,309.09	1,787.77	1,745.94	41.83	42.738		
10,600.00	7,285.76	7,510.46	7,240.20	68.72	21.97	-89.41	996.56	6,309.09	1,690.19	1,647.82	42.37	39.887		
10,700.00	7,285.53	7,510.79	7,240.53	70.32	21.97	-89.46	996.56	6,309.09	1,592.91	1,549.88	43.03	37.021		
10,800.00	7,285.31	7,511.11	7,240.85	71.92	21.98	-89.51	996.56	6,309.09	1,495.99	1,452.17	43.82	34.143		
10,900.00	7,285.09	7,511.44	7,241.18	73.52	21.98	-89.56	996.56	6,309.10	1,399.50	1,354.73	44.77	31.257		
11,000.00	7,284.86	7,511.77	7,241.51	75.13	21.98	-89.61	996.56	6,309.10	1,303.54	1,257.60	45.95	28.372		
11,100.00	7,284.64	7,512.10	7,241.84	76.74	21.98	-89.66	996.55	6,309.10	1,208.24	1,160.85	47.39	25.497		
11,200.00	7,284.42	7,512.43	7,242.17	78.35	21.98	-89.71	996.55	6,309.10	1,113.76	1,064.58	49.17	22.649		
11,300.00	7,284.19	7,512.75	7,242.49	79.97	21.98	-89.76	996.55	6,309.10	1,020.33	968.93	51.41	19.849		
11,400.00	7,283.97	7,513.08	7,242.82	81.59	21.99	-89.81	996.55	6,309.10	928.28	874.07	54.21	17.124		
11,500.00	7,283.75	7,513.41	7,243.15	83.21	21.99	-89.86	996.55	6,309.11	838.04	780.28	57.76	14.510		
11,600.00	7,283.52	7,513.74	7,243.48	84.83	21.99	-89.91	996.55	6,309.11	750.29	688.01	62.27	12.048		
11,700.00	7,283.30	7,514.07	7,243.81	86.45	21.99	-89.96	996.55	6,309.11	665.99	597.96	68.04	9.789		
11,800.00	7,283.08	7,514.39	7,244.13	88.08	21.99	-90.01	996.54	6,309.11	586.66	511.29	75.37	7.784		
11,900.00	7,282.86	7,514.72	7,244.46	89.71	22.00	-90.06	996.54	6,309.11	514.57	430.08	84.49	6.090		
12,000.00	7,282.63	7,515.05	7,244.79	91.33	22.00	-90.11	996.54	6,309.12	453.21	357.96	95.25	4.758		
12,100.00	7,282.41	7,515.38	7,245.12	92.97	22.00	-90.16	996.54	6,309.12	407.45	301.05	106.40	3.829		
12,200.00	7,282.19	7,515.71	7,245.44	94.60	22.00	-90.21	996.54	6,309.12	382.92	267.79	115.13	3.326		
12,246.92	7,282.08	7,515.86	7,245.60	95.36	22.00	-90.23	996.54	6,309.12	380.04	262.61	117.42	3.236	CC, ES, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-04 Offsets Incomplete - DUKE J 4-11 - SRCI PR Well - Actual VES Surveys (Grid to True)												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7500-SRC Energy_2° CONE_2.448												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
12,300.00	7,281.96	7,516.03	7,245.77	96.23	22.00	-90.26	996.54	6,309.12	383.73	265.47	118.26	3.245	
12,400.00	7,281.74	7,516.36	7,246.10	97.86	22.01	-90.30	996.54	6,309.12	409.71	294.55	115.16	3.558	
12,500.00	7,281.52	7,516.69	7,246.43	99.50	22.01	-90.35	996.54	6,309.12	456.59	348.35	108.25	4.218	
12,600.00	7,281.29	7,517.02	7,246.76	101.14	22.01	-90.40	996.53	6,309.13	518.74	418.46	100.28	5.173	
12,700.00	7,281.07	7,517.34	7,247.08	102.78	22.01	-90.45	996.53	6,309.13	591.36	498.52	92.84	6.370	
12,800.00	7,280.85	7,517.67	7,247.41	104.41	22.01	-90.50	996.53	6,309.13	671.06	584.61	86.45	7.763	
12,900.00	7,280.62	7,518.00	7,247.74	106.05	22.01	-90.55	996.53	6,309.13	755.60	674.46	81.14	9.312	
13,000.00	7,280.40	7,518.33	7,248.07	107.70	22.02	-90.60	996.53	6,309.13	843.54	766.75	76.78	10.986	
13,100.00	7,280.18	7,518.66	7,248.40	109.34	22.02	-90.65	996.53	6,309.14	933.90	860.70	73.20	12.758	
13,200.00	7,279.95	7,518.98	7,248.72	110.98	22.02	-90.70	996.53	6,309.14	1,026.05	955.81	70.24	14.607	
13,300.00	7,279.73	7,519.31	7,249.05	112.62	22.02	-90.75	996.53	6,309.14	1,119.55	1,051.76	67.79	16.516	
13,400.00	7,279.51	7,519.64	7,249.38	114.27	22.02	-90.80	996.52	6,309.14	1,214.09	1,148.36	65.73	18.471	
13,500.00	7,279.28	7,519.97	7,249.71	115.91	22.03	-90.85	996.52	6,309.14	1,309.44	1,245.44	63.99	20.463	
13,600.00	7,279.06	7,520.30	7,250.04	117.56	22.03	-90.90	996.52	6,309.14	1,405.43	1,342.91	62.52	22.481	
13,700.00	7,278.84	7,520.62	7,250.36	119.21	22.03	-90.95	996.52	6,309.15	1,501.95	1,440.69	61.26	24.519	
13,800.00	7,278.61	7,520.95	7,250.69	120.85	22.03	-91.00	996.52	6,309.15	1,598.89	1,538.72	60.17	26.572	
13,900.00	7,278.39	7,521.28	7,251.02	122.50	22.03	-91.05	996.52	6,309.15	1,696.19	1,636.96	59.24	28.635	
14,000.00	7,278.17	7,521.61	7,251.35	124.15	22.04	-91.10	996.52	6,309.15	1,793.79	1,735.37	58.42	30.703	
14,100.00	7,277.94	7,521.94	7,251.68	125.80	22.04	-91.14	996.52	6,309.15	1,891.64	1,833.92	57.72	32.775	
14,200.00	7,277.72	7,522.26	7,252.00	127.45	22.04	-91.19	996.51	6,309.16	1,989.70	1,932.60	57.10	34.848	
14,300.00	7,277.50	7,522.59	7,252.33	129.10	22.04	-91.24	996.51	6,309.16	2,087.95	2,031.39	56.55	36.919	
14,400.00	7,277.27	7,522.92	7,252.66	130.75	22.04	-91.29	996.51	6,309.16	2,186.35	2,130.27	56.08	38.987	
14,500.00	7,277.05	7,523.25	7,252.99	132.40	22.04	-91.34	996.51	6,309.16	2,284.89	2,229.23	55.66	41.050	
14,600.00	7,276.83	7,523.58	7,253.32	134.06	22.05	-91.39	996.51	6,309.16	2,383.56	2,328.27	55.29	43.108	
14,700.00	7,276.60	7,523.90	7,253.64	135.71	22.05	-91.44	996.51	6,309.16	2,482.33	2,427.36	54.97	45.160	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
8,500.00	7,290.44	7,307.50	7,239.02	36.69	16.10	-88.71	1,009.61	4,954.27	2,426.08	2,388.66	37.42	64.828		
8,600.00	7,290.22	7,307.07	7,239.46	38.09	16.10	-88.77	1,009.61	4,954.28	2,327.54	2,290.03	37.51	62.057		
8,700.00	7,290.00	7,306.63	7,239.89	39.51	16.10	-88.83	1,009.60	4,954.28	2,229.12	2,191.51	37.61	59.273		
8,800.00	7,289.78	7,306.20	7,240.33	40.96	16.10	-88.90	1,009.60	4,954.28	2,130.85	2,093.12	37.73	56.475		
8,900.00	7,289.55	7,305.76	7,240.76	42.42	16.10	-88.96	1,009.60	4,954.29	2,032.75	1,994.87	37.88	53.661		
9,000.00	7,289.33	7,305.33	7,241.20	43.89	16.10	-89.02	1,009.60	4,954.29	1,934.85	1,896.78	38.06	50.830		
9,100.00	7,289.11	7,304.90	7,241.63	45.38	16.09	-89.08	1,009.60	4,954.29	1,837.17	1,798.88	38.29	47.980		
9,200.00	7,288.88	7,304.46	7,242.06	46.88	16.09	-89.14	1,009.60	4,954.30	1,739.75	1,701.18	38.57	45.109		
9,300.00	7,288.66	7,304.03	7,242.50	48.39	16.09	-89.20	1,009.60	4,954.30	1,642.64	1,603.73	38.91	42.217		
9,400.00	7,288.44	7,303.59	7,242.93	49.91	16.09	-89.27	1,009.59	4,954.30	1,545.91	1,506.57	39.33	39.301		
9,500.00	7,288.21	7,303.16	7,243.37	51.44	16.09	-89.33	1,009.59	4,954.30	1,449.61	1,409.75	39.86	36.364		
9,600.00	7,287.99	7,302.72	7,243.80	52.98	16.09	-89.39	1,009.59	4,954.31	1,353.86	1,313.33	40.53	33.405		
9,700.00	7,287.77	7,302.29	7,244.24	54.53	16.09	-89.45	1,009.59	4,954.31	1,258.76	1,217.39	41.36	30.431		
9,800.00	7,287.54	7,301.86	7,244.67	56.09	16.09	-89.51	1,009.59	4,954.31	1,164.48	1,122.06	42.42	27.450		
9,900.00	7,287.32	7,301.42	7,245.10	57.65	16.09	-89.57	1,009.59	4,954.32	1,071.25	1,027.48	43.77	24.475		
10,000.00	7,287.10	7,300.99	7,245.54	59.21	16.09	-89.64	1,009.59	4,954.32	979.34	933.85	45.49	21.529		
10,100.00	7,286.87	7,300.55	7,245.97	60.79	16.09	-89.70	1,009.58	4,954.32	889.19	841.49	47.70	18.643		
10,200.00	7,286.65	7,300.12	7,246.41	62.36	16.09	-89.76	1,009.58	4,954.32	801.38	750.85	50.53	15.859		
10,300.00	7,286.43	7,300.32	7,246.84	63.95	16.09	-89.82	1,009.58	4,954.33	716.76	662.59	54.17	13.231		
10,400.00	7,286.20	7,300.75	7,247.28	65.53	16.09	-89.88	1,009.58	4,954.33	636.63	577.81	58.82	10.823		
10,500.00	7,285.98	7,301.18	7,247.71	67.12	16.09	-89.94	1,009.58	4,954.33	562.89	498.26	64.63	8.709		
10,600.00	7,285.76	7,301.62	7,248.14	68.72	16.09	-90.01	1,009.58	4,954.34	498.38	426.80	71.58	6.963		
10,700.00	7,285.53	7,302.05	7,248.58	70.32	16.09	-90.07	1,009.58	4,954.34	447.13	367.98	79.16	5.649		
10,800.00	7,285.31	7,302.49	7,249.01	71.92	16.09	-90.13	1,009.58	4,954.34	414.09	328.09	86.00	4.815		
10,892.29	7,285.10	7,302.89	7,249.41	73.40	16.09	-90.19	1,009.57	4,954.34	403.68	313.74	89.94	4.488 CC		
10,900.00	7,285.09	7,302.92	7,249.45	73.52	16.09	-90.19	1,009.57	4,954.34	403.75	313.63	90.12	4.480 ES, SF		
11,000.00	7,284.86	7,303.36	7,249.88	75.13	16.09	-90.25	1,009.57	4,954.35	417.80	327.47	90.33	4.625		
11,100.00	7,284.64	7,303.79	7,250.32	76.74	16.09	-90.31	1,009.57	4,954.35	453.98	366.72	87.26	5.203		
11,200.00	7,284.42	7,304.22	7,250.75	78.35	16.09	-90.38	1,009.57	4,954.35	507.59	424.99	82.60	6.145		
11,300.00	7,284.19	7,304.66	7,251.18	79.97	16.09	-90.44	1,009.57	4,954.36	573.75	496.06	77.69	7.385		
11,400.00	7,283.97	7,305.09	7,251.62	81.59	16.10	-90.50	1,009.57	4,954.36	648.63	575.43	73.21	8.860		
11,500.00	7,283.75	7,305.53	7,252.05	83.21	16.10	-90.56	1,009.57	4,954.36	729.57	660.20	69.36	10.518		
11,600.00	7,283.52	7,305.96	7,252.49	84.83	16.10	-90.62	1,009.56	4,954.36	814.74	748.60	66.14	12.318		
11,700.00	7,283.30	7,306.40	7,252.92	86.45	16.10	-90.68	1,009.56	4,954.37	902.97	839.50	63.47	14.227		
11,800.00	7,283.08	7,306.83	7,253.35	88.08	16.10	-90.75	1,009.56	4,954.37	993.42	932.17	61.25	16.219		
11,900.00	7,282.86	7,307.26	7,253.79	89.71	16.10	-90.81	1,009.56	4,954.37	1,085.55	1,026.15	59.40	18.275		
12,000.00	7,282.63	7,307.70	7,254.22	91.33	16.10	-90.87	1,009.56	4,954.38	1,178.97	1,121.12	57.85	20.379		
12,100.00	7,282.41	7,308.13	7,254.66	92.97	16.10	-90.93	1,009.56	4,954.38	1,273.38	1,216.84	56.55	22.519		
12,200.00	7,282.19	7,308.57	7,255.09	94.60	16.10	-90.99	1,009.56	4,954.38	1,368.59	1,313.15	55.44	24.686		
12,300.00	7,281.96	7,309.00	7,255.53	96.23	16.10	-91.05	1,009.55	4,954.38	1,464.44	1,409.94	54.49	26.873		
12,400.00	7,281.74	7,309.44	7,255.96	97.86	16.10	-91.11	1,009.55	4,954.39	1,560.81	1,507.12	53.69	29.073		
12,500.00	7,281.52	7,309.87	7,256.39	99.50	16.10	-91.18	1,009.55	4,954.39	1,657.61	1,604.62	52.99	31.282		
12,600.00	7,281.29	7,310.30	7,256.83	101.14	16.11	-91.24	1,009.55	4,954.39	1,754.76	1,702.38	52.39	33.497		
12,700.00	7,281.07	7,310.74	7,257.26	102.78	16.11	-91.30	1,009.55	4,954.40	1,852.22	1,800.36	51.86	35.713		
12,800.00	7,280.85	7,311.17	7,257.70	104.41	16.11	-91.36	1,009.55	4,954.40	1,949.94	1,898.53	51.41	37.930		
12,900.00	7,280.62	7,311.61	7,258.13	106.05	16.11	-91.42	1,009.55	4,954.40	2,047.88	1,996.86	51.01	40.144		
13,000.00	7,280.40	7,312.04	7,258.57	107.70	16.11	-91.48	1,009.54	4,954.40	2,146.00	2,095.34	50.67	42.355		
13,100.00	7,280.18	7,312.48	7,259.00	109.34	16.11	-91.55	1,009.54	4,954.41	2,244.30	2,193.93	50.37	44.560		
13,200.00	7,279.95	7,312.91	7,259.43	110.98	16.11	-91.61	1,009.54	4,954.41	2,342.73	2,292.63	50.10	46.759		
13,300.00	7,279.73	7,313.34	7,259.87	112.62	16.11	-91.67	1,009.54	4,954.41	2,441.30	2,391.43	49.87	48.951		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-04 Offsets Incomplete - DUKE J 4-13 - SRCI PR Well - Actual VES Surveys (Grid to True)													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		
8,700.00	7,290.00	7,357.94	7,231.49	39.51	17.11	89.10	-438.37	5,028.81	2,485.75	2,441.45	44.30	56.110		
8,800.00	7,289.78	7,359.45	7,233.00	40.96	17.12	89.18	-438.34	5,028.83	2,395.38	2,350.24	45.14	53.069		
8,900.00	7,289.55	7,360.97	7,234.52	42.42	17.12	89.26	-438.31	5,028.86	2,305.81	2,259.75	46.06	50.060		
9,000.00	7,289.33	7,362.48	7,236.03	43.89	17.12	89.35	-438.29	5,028.89	2,217.13	2,170.04	47.08	47.089		
9,100.00	7,289.11	7,364.00	7,237.55	45.38	17.12	89.43	-438.26	5,028.91	2,129.45	2,081.23	48.21	44.168		
9,200.00	7,288.88	7,365.51	7,239.06	46.88	17.13	89.51	-438.24	5,028.94	2,042.90	1,993.44	49.46	41.303		
9,300.00	7,288.66	7,367.03	7,240.57	48.39	17.13	89.59	-438.21	5,028.96	1,957.63	1,906.79	50.84	38.506		
9,400.00	7,288.44	7,368.54	7,242.09	49.91	17.13	89.68	-438.19	5,028.99	1,873.82	1,821.46	52.36	35.788		
9,500.00	7,288.21	7,370.05	7,243.60	51.44	17.14	89.76	-438.16	5,029.02	1,791.67	1,737.63	54.03	33.158		
9,600.00	7,287.99	7,371.57	7,245.12	52.98	17.14	89.84	-438.13	5,029.04	1,711.42	1,655.54	55.88	30.629		
9,700.00	7,287.77	7,373.08	7,246.63	54.53	17.14	89.93	-438.11	5,029.07	1,633.34	1,575.45	57.90	28.211		
9,800.00	7,287.54	7,374.60	7,248.14	56.09	17.14	90.01	-438.08	5,029.10	1,557.78	1,497.67	60.11	25.917		
9,900.00	7,287.32	7,376.11	7,249.66	57.65	17.15	90.09	-438.06	5,029.12	1,485.10	1,422.59	62.51	23.758		
10,000.00	7,287.10	7,377.63	7,251.17	59.21	17.15	90.18	-438.03	5,029.15	1,415.76	1,350.66	65.11	21.745		
10,100.00	7,286.87	7,379.14	7,252.68	60.79	17.15	90.26	-438.00	5,029.17	1,350.27	1,282.38	67.89	19.889		
10,200.00	7,286.65	7,380.66	7,254.20	62.36	17.16	90.34	-437.98	5,029.20	1,289.22	1,218.37	70.84	18.199		
10,300.00	7,286.43	7,382.17	7,255.71	63.95	17.16	90.43	-437.95	5,029.23	1,233.25	1,159.34	73.92	16.684		
10,400.00	7,286.20	7,383.68	7,257.23	65.53	17.16	90.51	-437.93	5,029.25	1,183.11	1,106.04	77.06	15.352		
10,500.00	7,285.98	7,385.20	7,258.74	67.12	17.16	90.59	-437.90	5,029.28	1,139.55	1,059.35	80.20	14.209		
10,600.00	7,285.76	7,386.71	7,260.25	68.72	17.17	90.67	-437.88	5,029.30	1,103.36	1,020.14	83.22	13.258		
10,700.00	7,285.53	7,388.23	7,261.77	70.32	17.17	90.76	-437.85	5,029.33	1,075.28	989.27	86.01	12.502		
10,800.00	7,285.31	7,389.74	7,263.28	71.92	17.17	90.84	-437.82	5,029.36	1,055.95	967.53	88.42	11.942		
10,900.00	7,285.09	7,408.74	7,264.80	73.52	17.26	90.92	-437.80	5,029.38	1,045.87	955.43	90.44	11.564		
10,955.97	7,284.96	7,407.90	7,265.64	74.42	17.25	90.97	-437.78	5,029.40	1,044.37	953.10	91.27	11.442 CC, ES		
11,000.00	7,284.86	7,407.23	7,266.31	75.13	17.24	91.01	-437.77	5,029.41	1,045.30	953.51	91.79	11.388 SF		
11,100.00	7,284.64	7,405.72	7,267.82	76.74	17.23	91.09	-437.75	5,029.43	1,054.26	961.72	92.53	11.393		
11,200.00	7,284.42	7,404.20	7,269.34	78.35	17.22	91.17	-437.72	5,029.46	1,072.50	979.83	92.67	11.574		
11,300.00	7,284.19	7,402.69	7,270.85	79.97	17.21	91.26	-437.69	5,029.49	1,099.57	1,007.32	92.25	11.919		
11,400.00	7,283.97	7,401.17	7,272.37	81.59	17.20	91.34	-437.67	5,029.51	1,134.83	1,043.46	91.37	12.420		
11,500.00	7,283.75	7,400.34	7,273.88	83.21	17.20	91.42	-437.64	5,029.54	1,177.55	1,087.42	90.13	13.065		
11,600.00	7,283.52	7,401.86	7,275.39	84.83	17.21	91.51	-437.62	5,029.57	1,226.95	1,138.29	88.65	13.840		
11,700.00	7,283.30	7,403.37	7,276.91	86.45	17.22	91.59	-437.59	5,029.59	1,282.25	1,195.25	87.01	14.738		
11,800.00	7,283.08	7,404.88	7,278.42	88.08	17.23	91.67	-437.57	5,029.62	1,342.74	1,257.47	85.27	15.747		
11,900.00	7,282.86	7,406.40	7,279.93	89.71	17.24	91.75	-437.54	5,029.64	1,407.73	1,324.22	83.51	16.857		
12,000.00	7,282.63	7,407.91	7,281.45	91.33	17.25	91.84	-437.51	5,029.67	1,476.64	1,394.88	81.76	18.060		
12,100.00	7,282.41	7,409.43	7,282.96	92.97	17.26	91.92	-437.49	5,029.70	1,548.94	1,468.88	80.07	19.346		
12,200.00	7,282.19	7,410.94	7,284.48	94.60	17.27	92.00	-437.46	5,029.72	1,624.18	1,545.74	78.44	20.706		
12,300.00	7,281.96	7,412.46	7,285.99	96.23	17.28	92.09	-437.44	5,029.75	1,701.98	1,625.08	76.89	22.134		
12,400.00	7,281.74	7,413.97	7,287.50	97.86	17.29	92.17	-437.41	5,029.77	1,781.98	1,706.55	75.44	23.622		
12,500.00	7,281.52	7,415.49	7,289.02	99.50	17.30	92.25	-437.38	5,029.80	1,863.92	1,789.85	74.07	25.164		
12,600.00	7,281.29	7,417.00	7,290.53	101.14	17.31	92.34	-437.36	5,029.83	1,947.55	1,874.75	72.80	26.754		
12,700.00	7,281.07	7,418.51	7,292.05	102.78	17.33	92.42	-437.33	5,029.85	2,032.65	1,961.04	71.61	28.387		
12,800.00	7,280.85	7,420.03	7,293.56	104.41	17.34	92.50	-437.31	5,029.88	2,119.05	2,048.55	70.50	30.058		
12,900.00	7,280.62	7,421.54	7,295.07	106.05	17.35	92.58	-437.28	5,029.90	2,206.61	2,137.13	69.47	31.762		
13,000.00	7,280.40	7,423.06	7,296.59	107.70	17.36	92.67	-437.26	5,029.93	2,295.17	2,226.65	68.52	33.497		
13,100.00	7,280.18	7,424.57	7,298.10	109.34	17.37	92.75	-437.23	5,029.96	2,384.65	2,317.01	67.64	35.257		
13,200.00	7,279.95	7,426.09	7,299.62	110.98	17.38	92.83	-437.20	5,029.98	2,474.92	2,408.11	66.82	37.041		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-04 Offsets Incomplete - DUKE J 4-14 - SRCI P&A Well - Actual VES Surveys (Grid to True)													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		
10,100.00	7,286.87	7,563.18	7,238.28	60.79	22.01	89.70	-456.78	6,364.92	2,440.26	2,386.54	53.72	45.428		
10,200.00	7,286.65	7,563.32	7,238.43	62.36	22.01	89.70	-456.78	6,364.92	2,350.87	2,295.77	55.11	42.662		
10,300.00	7,286.43	7,563.47	7,238.57	63.95	22.01	89.71	-456.78	6,364.92	2,262.37	2,205.75	56.62	39.958		
10,400.00	7,286.20	7,563.62	7,238.72	65.53	22.01	89.72	-456.78	6,364.92	2,174.87	2,116.60	58.27	37.323		
10,500.00	7,285.98	7,563.77	7,238.87	67.12	22.02	89.73	-456.78	6,364.92	2,088.49	2,028.41	60.07	34.765		
10,600.00	7,285.76	7,563.91	7,239.02	68.72	22.02	89.74	-456.78	6,364.92	2,003.38	1,941.33	62.04	32.290		
10,700.00	7,285.53	7,564.06	7,239.16	70.32	22.02	89.74	-456.78	6,364.93	1,919.70	1,855.51	64.19	29.906		
10,800.00	7,285.31	7,564.21	7,239.31	71.92	22.02	89.75	-456.78	6,364.93	1,837.65	1,771.12	66.54	27.619		
10,900.00	7,285.09	7,564.35	7,239.46	73.52	22.02	89.76	-456.78	6,364.93	1,757.47	1,688.38	69.09	25.436		
11,000.00	7,284.86	7,564.50	7,239.61	75.13	22.02	89.77	-456.78	6,364.93	1,679.41	1,607.54	71.87	23.366		
11,100.00	7,284.64	7,564.65	7,239.75	76.74	22.02	89.77	-456.78	6,364.93	1,603.79	1,528.90	74.89	21.414		
11,200.00	7,284.42	7,564.80	7,239.90	78.35	22.02	89.78	-456.78	6,364.93	1,530.97	1,452.81	78.16	19.588		
11,300.00	7,284.19	7,564.94	7,240.05	79.97	22.02	89.79	-456.79	6,364.93	1,461.37	1,379.70	81.67	17.893		
11,400.00	7,283.97	7,565.09	7,240.19	81.59	22.02	89.80	-456.79	6,364.93	1,395.47	1,310.05	85.42	16.337		
11,500.00	7,283.75	7,565.24	7,240.34	83.21	22.02	89.81	-456.79	6,364.93	1,333.81	1,244.43	89.38	14.923		
11,600.00	7,283.52	7,565.38	7,240.49	84.83	22.02	89.81	-456.79	6,364.93	1,277.02	1,183.52	93.51	13.657		
11,700.00	7,283.30	7,565.53	7,240.64	86.45	22.02	89.82	-456.79	6,364.93	1,225.77	1,128.04	97.73	12.542		
11,800.00	7,283.08	7,565.68	7,240.78	88.08	22.02	89.83	-456.79	6,364.93	1,180.78	1,078.83	101.95	11.582		
11,900.00	7,282.86	7,565.83	7,240.93	89.71	22.02	89.84	-456.79	6,364.93	1,142.79	1,036.76	106.03	10.778		
12,000.00	7,282.63	7,565.97	7,241.08	91.33	22.02	89.85	-456.79	6,364.93	1,112.52	1,002.71	109.81	10.131		
12,100.00	7,282.41	7,566.12	7,241.22	92.97	22.02	89.85	-456.79	6,364.93	1,090.61	977.47	113.13	9.640		
12,200.00	7,282.19	7,566.27	7,241.37	94.60	22.02	89.86	-456.79	6,364.93	1,077.57	961.74	115.83	9.303		
12,291.36	7,281.98	7,566.40	7,241.51	96.09	22.02	89.87	-456.79	6,364.93	1,073.69	956.05	117.64	9.127 CC		
12,300.00	7,281.96	7,566.41	7,241.52	96.23	22.02	89.87	-456.79	6,364.93	1,073.72	955.95	117.78	9.117 ES		
12,400.00	7,281.74	7,566.56	7,241.67	97.86	22.02	89.88	-456.79	6,364.93	1,079.17	960.28	118.89	9.077 SF		
12,500.00	7,281.52	7,566.71	7,241.81	99.50	22.02	89.88	-456.79	6,364.94	1,093.77	974.60	119.17	9.178		
12,600.00	7,281.29	7,566.86	7,241.96	101.14	22.02	89.89	-456.79	6,364.94	1,117.17	998.50	118.67	9.414		
12,700.00	7,281.07	7,567.00	7,242.11	102.78	22.02	89.90	-456.79	6,364.94	1,148.82	1,031.33	117.49	9.778		
12,800.00	7,280.85	7,567.15	7,242.25	104.41	22.02	89.91	-456.79	6,364.94	1,188.07	1,072.31	115.76	10.263		
12,900.00	7,280.62	7,567.30	7,242.40	106.05	22.02	89.92	-456.79	6,364.94	1,234.20	1,120.57	113.63	10.862		
13,000.00	7,280.40	7,567.45	7,242.55	107.70	22.02	89.92	-456.79	6,364.94	1,286.46	1,175.23	111.22	11.566		
13,100.00	7,280.18	7,567.59	7,242.70	109.34	22.02	89.93	-456.79	6,364.94	1,344.13	1,235.47	108.66	12.370		
13,200.00	7,279.95	7,567.74	7,242.84	110.98	22.02	89.94	-456.79	6,364.94	1,406.56	1,300.53	106.04	13.265		
13,300.00	7,279.73	7,567.89	7,242.99	112.62	22.02	89.95	-456.79	6,364.94	1,473.14	1,369.73	103.42	14.245		
13,400.00	7,279.51	7,568.03	7,243.14	114.27	22.02	89.95	-456.79	6,364.94	1,543.33	1,442.48	100.85	15.303		
13,500.00	7,279.28	7,568.18	7,243.29	115.91	22.02	89.96	-456.79	6,364.94	1,616.66	1,518.29	98.37	16.434		
13,600.00	7,279.06	7,568.33	7,243.43	117.56	22.02	89.97	-456.79	6,364.94	1,692.73	1,596.72	96.01	17.631		
13,700.00	7,278.84	7,568.48	7,243.58	119.21	22.02	89.98	-456.79	6,364.94	1,771.17	1,677.40	93.77	18.888		
13,800.00	7,278.61	7,568.62	7,243.73	120.85	22.02	89.99	-456.79	6,364.94	1,851.70	1,760.04	91.66	20.202		
13,900.00	7,278.39	7,568.77	7,243.87	122.50	22.02	89.99	-456.79	6,364.94	1,934.04	1,844.36	89.68	21.567		
14,000.00	7,278.17	7,568.92	7,244.02	124.15	22.02	90.00	-456.79	6,364.94	2,017.98	1,930.15	87.82	22.978		
14,100.00	7,277.94	7,569.06	7,244.17	125.80	22.02	90.01	-456.79	6,364.94	2,103.32	2,017.23	86.09	24.432		
14,200.00	7,277.72	7,569.21	7,244.32	127.45	22.02	90.02	-456.79	6,364.94	2,189.91	2,105.43	84.47	25.924		
14,300.00	7,277.50	7,569.36	7,244.46	129.10	22.02	90.03	-456.80	6,364.95	2,277.59	2,194.62	82.97	27.451		
14,400.00	7,277.27	7,569.51	7,244.61	130.75	22.02	90.03	-456.80	6,364.95	2,366.25	2,284.69	81.56	29.011		
14,500.00	7,277.05	7,569.65	7,244.76	132.40	22.02	90.04	-456.80	6,364.95	2,455.78	2,375.52	80.26	30.599		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-04 Offsets Incomplete - DUKE J 4-25 - SRCI PR Well - Actual VES Surveys (Grid to True)													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		
9,300.00	7,288.66	7,401.33	7,236.41	48.39	17.50	88.80	184.32	5,752.42	2,422.00	2,381.11	40.89	59.234		
9,400.00	7,288.44	7,401.67	7,236.75	49.91	17.50	88.85	184.32	5,752.42	2,323.64	2,282.39	41.25	56.327		
9,500.00	7,288.21	7,402.01	7,237.10	51.44	17.50	88.90	184.32	5,752.43	2,225.43	2,183.77	41.66	53.422		
9,600.00	7,287.99	7,402.35	7,237.44	52.98	17.50	88.94	184.32	5,752.43	2,127.38	2,085.27	42.11	50.522		
9,700.00	7,287.77	7,402.70	7,237.78	54.53	17.50	88.99	184.31	5,752.43	2,029.52	1,986.91	42.61	47.626		
9,800.00	7,287.54	7,403.04	7,238.12	56.09	17.51	89.03	184.31	5,752.43	1,931.89	1,888.70	43.18	44.737		
9,900.00	7,287.32	7,403.38	7,238.46	57.65	17.51	89.08	184.31	5,752.43	1,834.50	1,790.68	43.83	41.858		
10,000.00	7,287.10	7,403.72	7,238.81	59.21	17.51	89.13	184.31	5,752.44	1,737.42	1,692.86	44.56	38.990		
10,100.00	7,286.87	7,404.06	7,239.15	60.79	17.51	89.17	184.31	5,752.44	1,640.68	1,595.28	45.40	36.137		
10,200.00	7,286.65	7,404.40	7,239.49	62.36	17.51	89.22	184.31	5,752.44	1,544.36	1,497.99	46.37	33.305		
10,300.00	7,286.43	7,404.75	7,239.83	63.95	17.51	89.26	184.31	5,752.44	1,448.54	1,401.05	47.49	30.500		
10,400.00	7,286.20	7,405.09	7,240.17	65.53	17.51	89.31	184.31	5,752.44	1,353.33	1,304.52	48.81	27.729		
10,500.00	7,285.98	7,405.43	7,240.52	67.12	17.51	89.35	184.31	5,752.45	1,258.85	1,208.50	50.35	25.002		
10,600.00	7,285.76	7,405.77	7,240.86	68.72	17.51	89.40	184.31	5,752.45	1,165.30	1,113.12	52.18	22.333		
10,700.00	7,285.53	7,406.11	7,241.20	70.32	17.51	89.45	184.31	5,752.45	1,072.91	1,018.55	54.36	19.736		
10,800.00	7,285.31	7,406.46	7,241.54	71.92	17.51	89.49	184.31	5,752.45	982.02	925.02	56.99	17.231		
10,900.00	7,285.09	7,406.80	7,241.88	73.52	17.51	89.54	184.31	5,752.45	893.07	832.90	60.17	14.842		
11,000.00	7,284.86	7,407.14	7,242.22	75.13	17.51	89.58	184.31	5,752.46	806.71	742.67	64.04	12.597		
11,100.00	7,284.64	7,407.48	7,242.57	76.74	17.51	89.63	184.31	5,752.46	723.88	655.13	68.74	10.530		
11,200.00	7,284.42	7,407.82	7,242.91	78.35	17.51	89.67	184.31	5,752.46	645.92	571.49	74.43	8.678		
11,300.00	7,284.19	7,408.16	7,243.25	79.97	17.51	89.72	184.31	5,752.46	574.83	493.70	81.14	7.085		
11,400.00	7,283.97	7,408.51	7,243.59	81.59	17.52	89.77	184.30	5,752.46	513.46	424.83	88.63	5.793		
11,500.00	7,283.75	7,408.85	7,243.93	83.21	17.52	89.81	184.30	5,752.47	465.68	369.58	96.10	4.846		
11,600.00	7,283.52	7,409.19	7,244.28	84.83	17.52	89.86	184.30	5,752.47	435.97	334.04	101.93	4.277		
11,683.93	7,283.34	7,409.48	7,244.56	86.19	17.52	89.90	184.30	5,752.47	427.82	323.67	104.15	4.108 CC, ES		
11,700.00	7,283.30	7,409.53	7,244.62	86.45	17.52	89.90	184.30	5,752.47	428.12	323.90	104.22	4.108 SF		
11,800.00	7,283.08	7,409.87	7,244.96	88.08	17.52	89.95	184.30	5,752.47	443.28	341.08	102.21	4.337		
11,900.00	7,282.86	7,410.22	7,245.30	89.71	17.52	90.00	184.30	5,752.47	479.28	382.34	96.94	4.944		
12,000.00	7,282.63	7,410.56	7,245.64	91.33	17.52	90.04	184.30	5,752.47	531.91	441.62	90.29	5.891		
12,100.00	7,282.41	7,410.90	7,245.98	92.97	17.52	90.09	184.30	5,752.48	596.77	513.12	83.65	7.134		
12,200.00	7,282.19	7,411.24	7,246.33	94.60	17.52	90.13	184.30	5,752.48	670.04	592.62	77.71	8.626		
12,300.00	7,281.96	7,411.58	7,246.67	96.23	17.52	90.18	184.30	5,752.48	750.04	677.38	72.66	10.322		
12,400.00	7,281.74	7,411.93	7,247.01	97.86	17.52	90.22	184.30	5,752.48	834.13	765.68	68.46	12.185		
12,500.00	7,281.52	7,412.27	7,247.35	99.50	17.52	90.27	184.30	5,752.48	921.41	856.42	64.98	14.179		
12,600.00	7,281.29	7,412.61	7,247.69	101.14	17.52	90.32	184.30	5,752.49	1,011.04	948.93	62.11	16.278		
12,700.00	7,281.07	7,412.95	7,248.04	102.78	17.52	90.36	184.30	5,752.49	1,102.46	1,042.72	59.74	18.455		
12,800.00	7,280.85	7,413.29	7,248.38	104.41	17.52	90.41	184.30	5,752.49	1,195.25	1,137.49	57.76	20.694		
12,900.00	7,280.62	7,413.63	7,248.72	106.05	17.52	90.45	184.30	5,752.49	1,289.12	1,233.02	56.10	22.977		
13,000.00	7,280.40	7,413.98	7,249.06	107.70	17.53	90.50	184.29	5,752.49	1,383.85	1,329.14	54.71	25.292		
13,100.00	7,280.18	7,414.32	7,249.40	109.34	17.53	90.54	184.29	5,752.50	1,479.28	1,425.74	53.54	27.629		
13,200.00	7,279.95	7,414.66	7,249.75	110.98	17.53	90.59	184.29	5,752.50	1,575.27	1,522.72	52.54	29.980		
13,300.00	7,279.73	7,415.00	7,250.09	112.62	17.53	90.64	184.29	5,752.50	1,671.73	1,620.03	51.70	32.338		
13,400.00	7,279.51	7,415.34	7,250.43	114.27	17.53	90.68	184.29	5,752.50	1,768.58	1,717.61	50.97	34.698		
13,500.00	7,279.28	7,415.69	7,250.77	115.91	17.53	90.73	184.29	5,752.50	1,865.77	1,815.42	50.35	37.056		
13,600.00	7,279.06	7,416.03	7,251.11	117.56	17.53	90.77	184.29	5,752.51	1,963.24	1,913.42	49.82	39.408		
13,700.00	7,278.84	7,416.37	7,251.45	119.21	17.53	90.82	184.29	5,752.51	2,060.95	2,011.59	49.36	41.753		
13,800.00	7,278.61	7,416.71	7,251.80	120.85	17.53	90.86	184.29	5,752.51	2,158.87	2,109.90	48.97	44.088		
13,900.00	7,278.39	7,417.05	7,252.14	122.50	17.53	90.91	184.29	5,752.51	2,256.97	2,208.35	48.63	46.412		
14,000.00	7,278.17	7,417.39	7,252.48	124.15	17.53	90.96	184.29	5,752.51	2,355.24	2,306.90	48.34	48.724		
14,100.00	7,277.94	7,417.74	7,252.82	125.80	17.53	91.00	184.29	5,752.52	2,453.64	2,405.55	48.09	51.021		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
7,800.00	7,292.01	7,302.23	7,261.15	27.69	15.93	90.94	273.91	4,260.31	2,414.70	2,376.91	37.79	63.896		
7,900.00	7,291.78	7,302.77	7,260.61	28.86	15.93	91.92	273.91	4,260.31	2,315.66	2,277.72	37.94	61.042		
8,000.00	7,291.56	7,296.69	7,260.07	30.07	15.90	91.82	273.92	4,260.32	2,216.70	2,178.64	38.06	58.238		
8,100.00	7,291.34	7,303.85	7,259.52	31.33	15.94	91.73	273.92	4,260.32	2,117.85	2,079.57	38.27	55.336		
8,200.00	7,291.11	7,304.39	7,258.98	32.62	15.94	91.63	273.92	4,260.32	2,019.10	1,980.63	38.47	52.482		
8,300.00	7,290.89	7,304.94	7,258.44	33.95	15.95	91.54	273.92	4,260.32	1,920.49	1,881.79	38.70	49.628		
8,400.00	7,290.67	7,305.48	7,257.90	35.30	15.95	91.44	273.93	4,260.32	1,822.02	1,783.07	38.95	46.774		
8,500.00	7,290.44	7,306.02	7,257.35	36.69	15.96	91.35	273.93	4,260.32	1,723.74	1,684.49	39.25	43.920		
8,600.00	7,290.22	7,293.44	7,256.81	38.09	15.90	91.25	273.93	4,260.33	1,625.66	1,586.14	39.52	41.134		
8,700.00	7,290.00	7,307.11	7,256.27	39.51	15.97	91.16	273.93	4,260.33	1,527.83	1,487.85	39.98	38.216		
8,800.00	7,289.78	7,307.65	7,255.73	40.96	15.97	91.06	273.94	4,260.33	1,430.30	1,389.86	40.44	35.368		
8,900.00	7,289.55	7,291.81	7,255.18	42.42	15.89	90.97	273.94	4,260.33	1,333.14	1,292.23	40.91	32.588		
9,000.00	7,289.33	7,308.73	7,254.64	43.89	15.98	90.87	273.94	4,260.33	1,236.43	1,194.78	41.65	29.688		
9,100.00	7,289.11	7,309.28	7,254.10	45.38	15.98	90.78	273.94	4,260.33	1,140.28	1,097.84	42.45	26.864		
9,200.00	7,288.88	7,309.82	7,253.56	46.88	15.99	90.68	273.95	4,260.34	1,044.86	1,001.43	43.43	24.059		
9,300.00	7,288.66	7,289.64	7,253.01	48.39	15.89	90.59	273.95	4,260.34	950.38	905.83	44.55	21.332		
9,400.00	7,288.44	7,289.10	7,252.47	49.91	15.89	90.49	273.95	4,260.34	857.16	811.06	46.10	18.595		
9,500.00	7,288.21	7,288.55	7,251.93	51.44	15.89	90.40	273.95	4,260.34	765.65	717.57	48.08	15.925		
9,600.00	7,287.99	7,288.01	7,251.39	52.98	15.89	90.30	273.96	4,260.34	676.54	625.89	50.65	13.358		
9,700.00	7,287.77	7,287.47	7,250.84	54.53	15.89	90.21	273.96	4,260.35	590.93	536.92	54.01	10.941		
9,800.00	7,287.54	7,286.93	7,250.30	56.09	15.88	90.11	273.96	4,260.35	510.57	452.18	58.39	8.744		
9,900.00	7,287.32	7,286.38	7,249.76	57.65	15.88	90.02	273.96	4,260.35	438.38	374.45	63.93	6.857		
10,000.00	7,287.10	7,285.84	7,249.22	59.21	15.88	89.92	273.97	4,260.35	379.03	308.72	70.31	5.391		
10,100.00	7,286.87	7,285.30	7,248.67	60.79	15.88	89.83	273.97	4,260.35	339.34	263.26	76.08	4.460		
10,192.56	7,286.67	7,284.80	7,248.17	62.25	15.88	89.74	273.97	4,260.35	326.47	247.93	78.54	4.157 CC, ES, SF		
10,200.00	7,286.65	7,284.76	7,248.13	62.36	15.88	89.73	273.97	4,260.35	326.56	248.00	78.56	4.157		
10,300.00	7,286.43	7,284.21	7,247.59	63.95	15.88	89.64	273.97	4,260.36	343.70	267.42	76.28	4.506		
10,400.00	7,286.20	7,283.67	7,247.05	65.53	15.88	89.54	273.98	4,260.36	386.80	315.88	70.92	5.454		
10,500.00	7,285.98	7,283.13	7,246.50	67.12	15.88	89.44	273.98	4,260.36	448.44	383.41	65.04	6.895		
10,600.00	7,285.76	7,282.59	7,245.96	68.72	15.88	89.35	273.98	4,260.36	522.10	462.16	59.94	8.710		
10,700.00	7,285.53	7,282.04	7,245.42	70.32	15.87	89.25	273.98	4,260.36	603.38	547.48	55.90	10.793		
10,800.00	7,285.31	7,281.50	7,244.88	71.92	15.87	89.16	273.99	4,260.36	689.61	636.81	52.80	13.061		
10,900.00	7,285.09	7,280.96	7,244.33	73.52	15.87	89.06	273.99	4,260.37	779.13	728.70	50.42	15.451		
11,000.00	7,284.86	7,280.42	7,243.79	75.13	15.87	88.97	273.99	4,260.37	870.93	822.33	48.60	17.921		
11,100.00	7,284.64	7,279.87	7,243.25	76.74	15.87	88.87	273.99	4,260.37	964.37	917.18	47.19	20.438		
11,200.00	7,284.42	7,279.33	7,242.71	78.35	15.87	88.78	274.00	4,260.37	1,059.00	1,012.92	46.08	22.981		
11,300.00	7,284.19	7,278.79	7,242.16	79.97	15.87	88.68	274.00	4,260.37	1,154.54	1,109.33	45.21	25.537		
11,400.00	7,283.97	7,278.25	7,241.62	81.59	15.87	88.59	274.00	4,260.37	1,250.78	1,206.26	44.52	28.096		
11,500.00	7,283.75	7,277.70	7,241.08	83.21	15.87	88.49	274.00	4,260.38	1,347.56	1,303.60	43.97	30.651		
11,600.00	7,283.52	7,277.16	7,240.54	84.83	15.86	88.40	274.01	4,260.38	1,444.79	1,401.27	43.52	33.197		
11,700.00	7,283.30	7,276.62	7,239.99	86.45	15.86	88.30	274.01	4,260.38	1,542.36	1,499.20	43.17	35.732		
11,800.00	7,283.08	7,276.08	7,239.45	88.08	15.86	88.21	274.01	4,260.38	1,640.23	1,597.36	42.88	38.253		
11,900.00	7,282.86	7,275.53	7,238.91	89.71	15.86	88.11	274.01	4,260.38	1,738.35	1,695.70	42.65	40.760		
12,000.00	7,282.63	7,274.99	7,238.37	91.33	15.86	88.02	274.02	4,260.38	1,836.66	1,794.20	42.46	43.251		
12,100.00	7,282.41	7,274.45	7,237.82	92.97	15.86	87.92	274.02	4,260.39	1,935.15	1,892.83	42.32	45.727		
12,200.00	7,282.19	7,273.91	7,237.28	94.60	15.86	87.83	274.02	4,260.39	2,033.78	1,991.58	42.21	48.186		
12,300.00	7,281.96	7,273.36	7,236.74	96.23	15.86	87.73	274.02	4,260.39	2,132.55	2,090.42	42.12	50.629		
12,400.00	7,281.74	7,272.82	7,236.20	97.86	15.86	87.64	274.03	4,260.39	2,231.42	2,189.36	42.06	53.055		
12,500.00	7,281.52	7,272.28	7,235.65	99.50	15.85	87.54	274.03	4,260.39	2,330.39	2,288.37	42.02	55.465		
12,600.00	7,281.29	7,271.74	7,235.11	101.14	15.85	87.45	274.03	4,260.39	2,429.44	2,387.45	41.99	57.858		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-04 Offsets Incomplete - Duke USX J 05-16 - SRCI P&A Well - Actual VES Surveys (Grid to Tru													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		
7,300.00	7,106.06	7,265.90	7,074.79	22.66	18.77	38.31	-439.94	3,693.03	2,488.44	2,448.82	39.61	62.817		
7,400.00	7,170.73	7,329.00	7,137.89	23.49	18.88	42.99	-439.81	3,692.94	2,421.56	2,381.22	40.33	60.038		
7,500.00	7,222.77	7,379.09	7,187.97	24.43	18.96	50.25	-439.62	3,692.95	2,346.56	2,305.50	41.06	57.156		
7,600.00	7,260.89	7,416.59	7,225.48	25.45	19.03	60.69	-439.44	3,693.01	2,265.45	2,223.68	41.77	54.234		
7,700.00	7,284.16	7,440.05	7,248.94	26.55	19.07	74.42	-439.32	3,693.05	2,180.37	2,137.90	42.48	51.333		
7,800.00	7,292.01	7,448.08	7,256.96	27.69	19.08	90.08	-439.28	3,693.07	2,093.58	2,050.41	43.16	48.503		
7,900.00	7,291.78	7,448.04	7,256.92	28.86	19.08	90.33	-439.28	3,693.07	2,007.27	1,963.38	43.89	45.735		
8,000.00	7,291.56	7,448.00	7,256.88	30.07	19.08	90.33	-439.28	3,693.07	1,922.29	1,877.58	44.71	42.994		
8,100.00	7,291.34	7,447.95	7,256.84	31.33	19.08	90.33	-439.28	3,693.07	1,838.82	1,793.18	45.64	40.288		
8,200.00	7,291.11	7,447.91	7,256.80	32.62	19.08	90.32	-439.28	3,693.07	1,757.08	1,710.38	46.69	37.630		
8,300.00	7,290.89	7,447.87	7,256.76	33.95	19.08	90.32	-439.28	3,693.07	1,677.31	1,629.44	47.88	35.033		
8,400.00	7,290.67	7,447.83	7,256.72	35.30	19.08	90.32	-439.28	3,693.07	1,599.83	1,550.62	49.20	32.515		
8,500.00	7,290.44	7,447.79	7,256.68	36.69	19.08	90.32	-439.28	3,693.07	1,524.96	1,474.28	50.68	30.090		
8,600.00	7,290.22	7,447.75	7,256.64	38.09	19.08	90.31	-439.28	3,693.07	1,453.12	1,400.81	52.31	27.778		
8,700.00	7,290.00	7,447.71	7,256.60	39.51	19.08	90.31	-439.28	3,693.07	1,384.78	1,330.68	54.10	25.597		
8,800.00	7,289.78	7,447.67	7,256.56	40.96	19.08	90.31	-439.28	3,693.07	1,320.49	1,264.45	56.04	23.565		
8,900.00	7,289.55	7,447.63	7,256.51	42.42	19.08	90.31	-439.28	3,693.07	1,260.85	1,202.75	58.10	21.700		
9,000.00	7,289.33	7,447.59	7,256.47	43.89	19.08	90.31	-439.28	3,693.07	1,206.57	1,146.30	60.27	20.020		
9,100.00	7,289.11	7,447.55	7,256.43	45.38	19.08	90.30	-439.28	3,693.07	1,158.39	1,095.91	62.48	18.539		
9,200.00	7,288.88	7,447.50	7,256.39	46.88	19.08	90.30	-439.28	3,693.07	1,117.11	1,052.43	64.68	17.271		
9,300.00	7,288.66	7,447.46	7,256.35	48.39	19.08	90.30	-439.28	3,693.07	1,083.51	1,016.73	66.78	16.226		
9,400.00	7,288.44	7,447.42	7,256.31	49.91	19.08	90.30	-439.28	3,693.07	1,058.33	989.65	68.68	15.409		
9,500.00	7,288.21	7,447.38	7,256.27	51.44	19.08	90.29	-439.28	3,693.07	1,042.17	971.87	70.30	14.825		
9,600.00	7,287.99	7,447.34	7,256.23	52.98	19.08	90.29	-439.28	3,693.07	1,035.46	963.91	71.55	14.471		
9,619.69	7,287.95	7,447.33	7,256.22	53.29	19.08	90.29	-439.28	3,693.07	1,035.28	963.52	71.75	14.428 CC, ES		
9,700.00	7,287.77	7,447.30	7,256.19	54.53	19.08	90.29	-439.28	3,693.07	1,038.39	965.99	72.40	14.343 SF		
9,800.00	7,287.54	7,447.26	7,256.15	56.09	19.08	90.29	-439.28	3,693.07	1,050.86	978.05	72.81	14.433		
9,900.00	7,287.32	7,447.22	7,256.10	57.65	19.08	90.29	-439.28	3,693.07	1,072.55	999.73	72.83	14.728		
10,000.00	7,287.10	7,447.18	7,256.06	59.21	19.08	90.28	-439.28	3,693.07	1,102.92	1,030.43	72.49	15.215		
10,100.00	7,286.87	7,447.14	7,256.02	60.79	19.08	90.28	-439.28	3,693.07	1,141.27	1,069.40	71.87	15.880		
10,200.00	7,286.65	7,447.09	7,255.98	62.36	19.08	90.28	-439.28	3,693.07	1,186.82	1,115.78	71.04	16.706		
10,300.00	7,286.43	7,447.05	7,255.94	63.95	19.08	90.28	-439.28	3,693.07	1,238.80	1,168.72	70.07	17.679		
10,400.00	7,286.20	7,447.01	7,255.90	65.53	19.08	90.27	-439.28	3,693.07	1,296.41	1,227.39	69.02	18.783		
10,500.00	7,285.98	7,446.97	7,255.86	67.12	19.08	90.27	-439.28	3,693.07	1,358.95	1,291.01	67.94	20.004		
10,600.00	7,285.76	7,446.93	7,255.82	68.72	19.08	90.27	-439.28	3,693.07	1,425.76	1,358.91	66.85	21.328		
10,700.00	7,285.53	7,446.89	7,255.78	70.32	19.08	90.27	-439.28	3,693.07	1,496.28	1,430.49	65.79	22.744		
10,800.00	7,285.31	7,446.85	7,255.74	71.92	19.08	90.27	-439.28	3,693.07	1,570.01	1,505.24	64.77	24.241		
10,900.00	7,285.09	7,446.81	7,255.70	73.52	19.08	90.26	-439.29	3,693.06	1,646.51	1,582.71	63.80	25.808		
11,000.00	7,284.86	7,446.77	7,255.65	75.13	19.08	90.26	-439.29	3,693.06	1,725.41	1,662.53	62.88	27.438		
11,100.00	7,284.64	7,446.73	7,255.61	76.74	19.08	90.26	-439.29	3,693.06	1,806.41	1,744.38	62.03	29.121		
11,200.00	7,284.42	7,446.69	7,255.57	78.35	19.08	90.26	-439.29	3,693.06	1,889.22	1,827.99	61.23	30.853		
11,300.00	7,284.19	7,446.64	7,255.53	79.97	19.08	90.25	-439.29	3,693.06	1,973.63	1,913.14	60.49	32.625		
11,400.00	7,283.97	7,446.60	7,255.49	81.59	19.08	90.25	-439.29	3,693.06	2,059.44	1,999.63	59.81	34.434		
11,500.00	7,283.75	7,446.56	7,255.45	83.21	19.08	90.25	-439.29	3,693.06	2,146.48	2,087.30	59.18	36.273		
11,600.00	7,283.52	7,446.52	7,255.41	84.83	19.08	90.25	-439.29	3,693.06	2,234.60	2,176.01	58.59	38.139		
11,700.00	7,283.30	7,446.48	7,255.37	86.45	19.08	90.24	-439.29	3,693.06	2,323.68	2,265.63	58.05	40.029		
11,800.00	7,283.08	7,446.44	7,255.33	88.08	19.08	90.24	-439.29	3,693.06	2,413.62	2,356.06	57.55	41.938		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-04 Offsets Incomplete - DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys (Grid to True)													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		
6,700.00	6,561.42	6,693.34	6,525.17	19.79	17.02	12.76	979.22	3,640.28	2,486.86	2,453.25	33.61	74.002		
6,800.00	6,659.10	6,792.22	6,624.05	20.13	17.19	12.88	978.81	3,640.31	2,465.94	2,431.85	34.09	72.336		
6,900.00	6,756.79	6,886.50	6,718.32	20.48	17.36	13.00	978.34	3,640.38	2,445.05	2,410.48	34.57	70.730		
7,000.00	6,853.49	6,987.00	6,818.83	20.85	17.53	4.88	977.71	3,640.50	2,420.16	2,385.08	35.08	68.990		
7,100.00	6,945.46	7,090.57	6,922.39	21.34	17.72	-0.57	977.01	3,640.29	2,380.89	2,345.23	35.65	66.777		
7,200.00	7,030.35	7,175.81	7,007.63	21.94	17.87	-4.13	976.36	3,639.87	2,327.73	2,291.51	36.23	64.251		
7,300.00	7,106.06	7,247.16	7,078.97	22.66	18.00	-7.45	975.89	3,639.56	2,262.34	2,225.56	36.78	61.510		
7,400.00	7,170.73	7,306.74	7,138.55	23.49	18.10	-11.46	975.39	3,639.45	2,186.41	2,149.12	37.28	58.642		
7,500.00	7,222.77	7,354.17	7,185.98	24.43	18.19	-17.43	975.00	3,639.47	2,101.79	2,064.08	37.72	55.727		
7,600.00	7,260.89	7,389.18	7,220.99	25.45	18.25	-28.04	974.78	3,639.53	2,010.55	1,972.50	38.05	52.834		
7,700.00	7,284.16	7,407.06	7,238.87	26.55	18.28	-49.54	974.69	3,639.59	1,914.94	1,876.66	38.28	50.021		
7,800.00	7,292.01	7,412.18	7,243.99	27.69	18.29	-88.25	974.67	3,639.63	1,817.34	1,778.93	38.40	47.324		
7,900.00	7,291.78	7,412.47	7,244.28	28.86	18.29	-88.98	974.67	3,639.63	1,719.66	1,681.19	38.48	44.695		
8,000.00	7,291.56	7,412.78	7,244.59	30.07	18.30	-89.02	974.67	3,639.63	1,622.27	1,583.70	38.58	42.055		
8,100.00	7,291.34	7,413.09	7,244.90	31.33	18.30	-89.07	974.67	3,639.63	1,525.22	1,486.51	38.71	39.402		
8,200.00	7,291.11	7,429.90	7,241.91	32.62	18.33	-88.62	974.67	3,639.60	1,428.56	1,389.63	38.93	36.696		
8,300.00	7,290.89	7,429.18	7,242.63	33.95	18.32	-88.73	974.67	3,639.60	1,332.42	1,293.25	39.17	34.017		
8,400.00	7,290.67	7,428.46	7,243.35	35.30	18.32	-88.84	974.66	3,639.61	1,236.88	1,197.38	39.49	31.319		
8,500.00	7,290.44	7,427.75	7,244.06	36.69	18.32	-88.95	974.66	3,639.62	1,142.10	1,102.17	39.93	28.602		
8,600.00	7,290.22	7,427.03	7,244.78	38.09	18.32	-89.05	974.66	3,639.62	1,048.30	1,007.77	40.53	25.866		
8,700.00	7,290.00	7,426.31	7,245.50	39.51	18.32	-89.16	974.66	3,639.63	955.75	914.40	41.35	23.115		
8,800.00	7,289.78	7,425.60	7,246.21	40.96	18.32	-89.27	974.66	3,639.64	864.86	822.39	42.47	20.363		
8,900.00	7,289.55	7,424.88	7,246.93	42.42	18.32	-89.38	974.66	3,639.64	776.22	732.20	44.02	17.632		
9,000.00	7,289.33	7,424.17	7,247.65	43.89	18.32	-89.49	974.66	3,639.65	690.68	644.52	46.16	14.963		
9,100.00	7,289.11	7,423.45	7,248.36	45.38	18.31	-89.60	974.66	3,639.66	609.57	560.49	49.07	12.421		
9,200.00	7,288.88	7,422.73	7,249.08	46.88	18.31	-89.70	974.65	3,639.66	534.88	481.92	52.96	10.101		
9,300.00	7,288.66	7,422.02	7,249.80	48.39	18.31	-89.81	974.65	3,639.67	469.70	411.85	57.85	8.119		
9,400.00	7,288.44	7,421.30	7,250.51	49.91	18.31	-89.92	974.65	3,639.68	418.50	355.10	63.40	6.601		
9,500.00	7,288.21	7,420.58	7,251.23	51.44	18.31	-90.03	974.65	3,639.68	386.87	318.43	68.43	5.653		
9,577.40	7,288.04	7,420.03	7,251.78	52.64	18.31	-90.11	974.65	3,639.69	379.05	308.15	70.90	5.346 CC, ES		
9,600.00	7,287.99	7,420.13	7,251.94	52.98	18.31	-90.14	974.65	3,639.69	379.72	308.44	71.28	5.327 SF		
9,700.00	7,287.77	7,420.85	7,252.66	54.53	18.31	-90.25	974.65	3,639.70	398.38	327.28	71.10	5.603		
9,800.00	7,287.54	7,421.58	7,253.39	56.09	18.31	-90.36	974.65	3,639.70	439.57	370.88	68.69	6.399		
9,900.00	7,287.32	7,422.38	7,254.19	57.65	18.31	-90.48	974.65	3,639.71	497.74	432.31	65.43	7.607		
10,000.00	7,287.10	7,423.00	7,254.81	59.21	18.31	-90.57	974.64	3,639.72	567.68	505.46	62.22	9.123		
10,100.00	7,286.87	7,423.72	7,255.53	60.79	18.31	-90.68	974.64	3,639.72	645.58	586.15	59.44	10.862		
10,200.00	7,286.65	7,424.43	7,256.24	62.36	18.32	-90.79	974.64	3,639.73	728.90	671.77	57.13	12.760		
10,300.00	7,286.43	7,425.15	7,256.96	63.95	18.32	-90.89	974.64	3,639.74	815.97	760.73	55.24	14.771		
10,400.00	7,286.20	7,425.87	7,257.68	65.53	18.32	-91.00	974.64	3,639.74	905.71	852.00	53.71	16.862		
10,500.00	7,285.98	7,426.58	7,258.39	67.12	18.32	-91.11	974.64	3,639.75	997.41	944.94	52.47	19.009		
10,600.00	7,285.76	7,427.30	7,259.11	68.72	18.32	-91.22	974.64	3,639.76	1,090.57	1,039.12	51.45	21.197		
10,700.00	7,285.53	7,428.02	7,259.83	70.32	18.32	-91.33	974.63	3,639.76	1,184.84	1,134.24	50.61	23.413		
10,800.00	7,285.31	7,428.73	7,260.54	71.92	18.32	-91.44	974.63	3,639.77	1,279.98	1,230.08	49.91	25.648		
10,900.00	7,285.09	7,429.45	7,261.26	73.52	18.32	-91.54	974.63	3,639.78	1,375.82	1,326.49	49.32	27.895		
11,000.00	7,284.86	7,430.16	7,261.97	75.13	18.33	-91.65	974.63	3,639.79	1,472.20	1,423.37	48.83	30.150		
11,100.00	7,284.64	7,430.88	7,262.69	76.74	18.33	-91.76	974.63	3,639.79	1,569.04	1,520.62	48.41	32.408		
11,200.00	7,284.42	7,431.60	7,263.41	78.35	18.33	-91.87	974.63	3,639.80	1,666.25	1,618.18	48.06	34.667		
11,300.00	7,284.19	7,432.31	7,264.12	79.97	18.33	-91.98	974.63	3,639.81	1,763.77	1,716.00	47.77	36.925		
11,400.00	7,283.97	7,433.03	7,264.84	81.59	18.33	-92.09	974.62	3,639.81	1,861.56	1,814.04	47.51	39.179		
11,500.00	7,283.75	7,433.75	7,265.56	83.21	18.33	-92.19	974.62	3,639.82	1,959.56	1,912.27	47.30	41.429		
11,600.00	7,283.52	7,434.46	7,266.27	84.83	18.33	-92.30	974.62	3,639.83	2,057.76	2,010.65	47.12	43.673		
11,700.00	7,283.30	7,435.18	7,266.99	86.45	18.33	-92.41	974.62	3,639.83	2,156.13	2,109.17	46.96	45.911		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-04 Offsets Incomplete - DUKE USX J 5-9 - SRCI PR Well - Actual VES Surveys (Grid to True)											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	
11,800.00	7,283.08	7,435.90	7,267.71	88.08	18.34	-92.52	974.62	3,639.84	2,254.64	2,207.80	46.83	48.141	
11,900.00	7,282.86	7,436.61	7,268.42	89.71	18.34	-92.63	974.62	3,639.85	2,353.27	2,306.55	46.73	50.363	
12,000.00	7,282.63	7,437.33	7,269.14	91.33	18.34	-92.73	974.62	3,639.85	2,452.02	2,405.38	46.64	52.576	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-04 Offsets Incomplete - SRC Northridge 4KD - SRCI P&A Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7000-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,700.00	7,287.77	7,437.27	7,199.59	54.53	26.29	-89.78	1,790.99	5,886.47	2,434.39	2,380.50	53.89	45.174	
9,800.00	7,287.54	7,437.83	7,200.15	56.09	26.30	-89.81	1,790.99	5,886.47	2,347.37	2,292.16	55.21	42.519	
9,900.00	7,287.32	7,438.39	7,200.71	57.65	26.31	-89.84	1,790.98	5,886.48	2,261.43	2,204.76	56.67	39.907	
10,000.00	7,287.10	7,438.95	7,201.27	59.21	26.33	-89.87	1,790.98	5,886.48	2,176.68	2,118.40	58.28	37.347	
10,100.00	7,286.87	7,439.51	7,201.83	60.79	26.34	-89.89	1,790.98	5,886.48	2,093.28	2,033.22	60.06	34.851	
10,200.00	7,286.65	7,440.08	7,202.39	62.36	26.35	-89.92	1,790.97	5,886.49	2,011.40	1,949.38	62.02	32.429	
10,300.00	7,286.43	7,440.64	7,202.96	63.95	26.37	-89.95	1,790.97	5,886.49	1,931.22	1,867.05	64.18	30.092	
10,400.00	7,286.20	7,441.20	7,203.52	65.53	26.38	-89.98	1,790.97	5,886.50	1,852.98	1,786.44	66.54	27.850	
10,500.00	7,285.98	7,441.76	7,204.08	67.12	26.39	-90.00	1,790.96	5,886.50	1,776.91	1,707.80	69.11	25.711	
10,600.00	7,285.76	7,442.32	7,204.64	68.72	26.41	-90.03	1,790.96	5,886.51	1,703.32	1,631.41	71.91	23.686	
10,700.00	7,285.53	7,442.88	7,205.20	70.32	26.42	-90.06	1,790.96	5,886.51	1,632.54	1,557.60	74.94	21.783	
10,800.00	7,285.31	7,443.44	7,205.76	71.92	26.43	-90.09	1,790.95	5,886.52	1,564.96	1,486.75	78.21	20.010	
10,900.00	7,285.09	7,444.00	7,206.32	73.52	26.45	-90.11	1,790.95	5,886.52	1,500.99	1,419.29	81.70	18.372	
11,000.00	7,284.86	7,444.57	7,206.88	75.13	26.46	-90.14	1,790.95	5,886.52	1,441.13	1,355.74	85.39	16.876	
11,100.00	7,284.64	7,445.13	7,207.45	76.74	26.47	-90.17	1,790.94	5,886.53	1,385.91	1,296.65	89.26	15.527	
11,200.00	7,284.42	7,445.69	7,208.01	78.35	26.49	-90.19	1,790.94	5,886.53	1,335.91	1,242.66	93.24	14.327	
11,300.00	7,284.19	7,446.25	7,208.57	79.97	26.50	-90.22	1,790.94	5,886.54	1,291.72	1,194.44	97.27	13.279	
11,400.00	7,283.97	7,446.81	7,209.13	81.59	26.51	-90.25	1,790.93	5,886.54	1,253.96	1,152.70	101.26	12.384	
11,500.00	7,283.75	7,447.37	7,209.69	83.21	26.53	-90.28	1,790.93	5,886.55	1,223.24	1,118.15	105.09	11.640	
11,600.00	7,283.52	7,447.93	7,210.25	84.83	26.54	-90.30	1,790.92	5,886.55	1,200.08	1,091.45	108.63	11.047	
11,700.00	7,283.30	7,448.49	7,210.81	86.45	26.55	-90.33	1,790.92	5,886.56	1,184.94	1,073.16	111.78	10.601	
11,800.00	7,283.08	7,449.06	7,211.37	88.08	26.57	-90.36	1,790.92	5,886.56	1,178.12	1,063.71	114.41	10.298	
11,830.58	7,283.01	7,449.23	7,211.55	88.58	26.57	-90.37	1,790.92	5,886.56	1,177.72	1,062.63	115.09	10.233 CC, ES	
11,900.00	7,282.86	7,449.62	7,211.94	89.71	26.58	-90.39	1,790.91	5,886.56	1,179.76	1,063.32	116.44	10.132	
12,000.00	7,282.63	7,450.18	7,212.50	91.33	26.59	-90.41	1,790.91	5,886.57	1,189.84	1,072.01	117.84	10.097 SF	
12,100.00	7,282.41	7,450.74	7,213.06	92.97	26.61	-90.44	1,790.91	5,886.57	1,208.14	1,089.55	118.59	10.187	
12,200.00	7,282.19	7,451.30	7,213.62	94.60	26.62	-90.47	1,790.90	5,886.58	1,234.30	1,115.55	118.75	10.394	
12,300.00	7,281.96	7,451.86	7,214.18	96.23	26.63	-90.49	1,790.90	5,886.58	1,267.82	1,149.44	118.38	10.710	
12,400.00	7,281.74	7,452.42	7,214.74	97.86	26.65	-90.52	1,790.90	5,886.59	1,308.15	1,190.59	117.56	11.127	
12,500.00	7,281.52	7,452.98	7,215.30	99.50	26.66	-90.55	1,790.89	5,886.59	1,354.67	1,238.28	116.39	11.639	
12,600.00	7,281.29	7,453.55	7,215.86	101.14	26.67	-90.58	1,790.89	5,886.60	1,406.77	1,291.81	114.96	12.237	
12,700.00	7,281.07	7,454.11	7,216.42	102.78	26.69	-90.60	1,790.89	5,886.60	1,463.86	1,350.51	113.35	12.914	
12,800.00	7,280.85	7,454.67	7,216.99	104.41	26.70	-90.63	1,790.88	5,886.60	1,525.38	1,413.75	111.63	13.665	
12,900.00	7,280.62	7,455.23	7,217.55	106.05	26.71	-90.66	1,790.88	5,886.61	1,590.80	1,480.95	109.85	14.482	
13,000.00	7,280.40	7,455.79	7,218.11	107.70	26.73	-90.69	1,790.87	5,886.61	1,659.68	1,551.62	108.06	15.359	
13,100.00	7,280.18	7,456.35	7,218.67	109.34	26.74	-90.71	1,790.87	5,886.62	1,731.59	1,625.31	106.28	16.292	
13,200.00	7,279.95	7,456.91	7,219.23	110.98	26.75	-90.74	1,790.87	5,886.62	1,806.18	1,701.63	104.55	17.275	
13,300.00	7,279.73	7,457.47	7,219.79	112.62	26.77	-90.77	1,790.86	5,886.63	1,883.12	1,780.25	102.88	18.305	
13,400.00	7,279.51	7,458.04	7,220.35	114.27	26.78	-90.80	1,790.86	5,886.63	1,962.15	1,860.88	101.27	19.375	
13,500.00	7,279.28	7,458.60	7,220.91	115.91	26.79	-90.82	1,790.86	5,886.64	2,043.01	1,943.28	99.74	20.484	
13,600.00	7,279.06	7,459.16	7,221.48	117.56	26.80	-90.85	1,790.85	5,886.64	2,125.51	2,027.23	98.28	21.627	
13,700.00	7,278.84	7,459.72	7,222.04	119.21	26.82	-90.88	1,790.85	5,886.64	2,209.45	2,112.55	96.90	22.802	
13,800.00	7,278.61	7,460.28	7,222.60	120.85	26.83	-90.90	1,790.85	5,886.65	2,294.67	2,199.08	95.59	24.004	
13,900.00	7,278.39	7,460.84	7,223.16	122.50	26.84	-90.93	1,790.84	5,886.65	2,381.05	2,286.68	94.36	25.233	
14,000.00	7,278.17	7,461.40	7,223.72	124.15	26.86	-90.96	1,790.84	5,886.66	2,468.45	2,375.25	93.21	26.484	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,400.00	3,337.78	3,766.83	3,719.56	9.55	10.84	-45.52	2,495.26	1,525.61	2,495.82	2,477.85	17.97	138.882		
3,500.00	3,435.47	3,860.13	3,811.57	9.80	11.07	-45.83	2,480.37	1,521.34	2,464.44	2,446.04	18.40	133.973		
3,600.00	3,533.15	3,956.62	3,906.72	10.05	11.30	-46.16	2,465.13	1,516.47	2,433.08	2,414.24	18.84	129.166		
3,700.00	3,630.84	4,051.15	3,999.93	10.31	11.55	-46.51	2,450.30	1,511.19	2,401.70	2,382.42	19.29	124.520		
3,800.00	3,728.53	4,142.25	4,089.76	10.58	11.78	-46.87	2,436.24	1,505.69	2,370.47	2,350.73	19.74	120.058		
3,900.00	3,826.21	4,234.64	4,180.90	10.85	12.03	-47.25	2,422.26	1,499.71	2,339.45	2,319.24	20.21	115.738		
4,000.00	3,923.90	4,328.72	4,273.69	11.13	12.28	-47.67	2,408.26	1,493.03	2,308.53	2,287.84	20.69	111.551		
4,100.00	4,021.58	4,423.06	4,366.73	11.42	12.53	-48.11	2,394.39	1,485.86	2,277.72	2,256.54	21.18	107.524		
4,200.00	4,119.27	4,515.07	4,457.48	11.70	12.76	-48.53	2,380.48	1,479.84	2,247.02	2,225.35	21.67	103.681		
4,300.00	4,216.96	4,604.89	4,546.09	12.00	12.99	-48.89	2,366.35	1,475.85	2,216.58	2,194.41	22.17	100.002		
4,400.00	4,314.64	4,692.36	4,632.37	12.29	13.21	-49.20	2,352.10	1,473.91	2,186.43	2,163.77	22.66	96.474		
4,500.00	4,412.33	4,784.53	4,723.29	12.59	13.45	-49.51	2,337.03	1,472.97	2,156.67	2,133.50	23.18	93.052		
4,600.00	4,510.01	4,886.63	4,824.00	12.90	13.73	-49.86	2,320.27	1,471.52	2,126.79	2,103.08	23.71	89.682		
4,700.00	4,607.70	4,985.70	4,921.71	13.21	14.01	-50.27	2,304.29	1,468.27	2,096.68	2,072.42	24.26	86.436		
4,800.00	4,705.39	5,079.49	5,014.23	13.52	14.28	-50.72	2,289.64	1,463.49	2,066.58	2,041.79	24.80	83.336		
4,900.00	4,803.07	5,163.57	5,097.18	13.83	14.52	-51.18	2,277.13	1,457.83	2,036.81	2,011.48	25.33	80.410		
5,000.00	4,900.76	5,249.39	5,181.89	14.14	14.77	-51.70	2,265.34	1,450.73	2,007.76	1,981.89	25.87	77.606		
5,100.00	4,998.44	5,337.82	5,269.13	14.46	15.03	-52.30	2,253.73	1,442.08	1,979.06	1,952.64	26.42	74.900		
5,200.00	5,096.13	5,418.43	5,348.65	14.78	15.26	-52.89	2,243.82	1,433.38	1,951.08	1,924.12	26.97	72.346		
5,300.00	5,193.82	5,498.12	5,427.27	15.11	15.49	-53.51	2,234.87	1,423.93	1,924.06	1,896.54	27.52	69.917		
5,400.00	5,291.50	5,596.02	5,523.85	15.43	15.74	-54.31	2,224.26	1,411.97	1,897.62	1,869.53	28.10	67.536		
5,500.00	5,389.19	5,719.40	5,645.55	15.76	16.06	-55.28	2,208.98	1,398.65	1,870.42	1,841.70	28.72	65.132		
5,600.00	5,486.87	5,849.67	5,773.96	16.09	16.42	-56.24	2,190.17	1,387.40	1,842.23	1,812.87	29.35	62.760		
5,700.00	5,584.56	5,977.71	5,899.64	16.42	16.81	-57.23	2,168.74	1,375.66	1,811.91	1,781.91	30.00	60.391		
5,800.00	5,682.25	6,060.00	5,980.40	16.75	17.06	-57.85	2,154.39	1,369.08	1,781.54	1,750.95	30.59	58.231		
5,900.00	5,779.93	6,143.56	6,062.56	17.08	17.31	-58.42	2,139.83	1,364.65	1,751.95	1,720.76	31.19	56.171		
6,000.00	5,877.62	6,271.22	6,187.86	17.42	17.70	-59.19	2,115.58	1,361.88	1,721.53	1,689.71	31.83	54.091		
6,100.00	5,975.30	6,349.86	6,264.89	17.75	17.93	-59.58	2,099.82	1,362.89	1,690.97	1,658.55	32.41	52.171		
6,200.00	6,072.99	6,406.42	6,320.42	18.09	18.10	-59.82	2,089.28	1,365.02	1,662.17	1,629.20	32.97	50.410		
6,300.00	6,170.67	6,484.48	6,397.23	18.43	18.32	-60.13	2,076.08	1,369.18	1,635.27	1,601.73	33.55	48.742		
6,400.00	6,268.36	6,589.36	6,500.53	18.77	18.62	-60.58	2,058.57	1,374.08	1,608.64	1,574.48	34.15	47.099		
6,500.00	6,366.05	6,692.91	6,602.49	19.11	18.93	-61.11	2,040.76	1,376.91	1,581.34	1,546.57	34.77	45.481		
6,600.00	6,463.73	6,765.86	6,674.30	19.45	19.14	-61.46	2,028.36	1,379.91	1,554.53	1,519.18	35.35	43.971		
6,700.00	6,561.42	6,863.38	6,769.46	19.79	19.40	-61.60	2,012.02	1,393.02	1,529.03	1,493.10	35.93	42.550		
6,800.00	6,659.10	6,983.92	6,881.55	20.13	19.72	-60.92	1,988.30	1,429.79	1,502.22	1,465.72	36.50	41.157		
6,900.00	6,756.79	7,062.48	6,949.75	20.48	19.91	-59.97	1,971.72	1,465.00	1,475.40	1,438.32	37.08	39.791		
7,000.00	6,853.49	7,120.86	6,997.71	20.85	20.04	-68.74	1,959.87	1,496.06	1,450.15	1,412.45	37.70	38.462		
7,100.00	6,945.46	7,173.00	7,037.68	21.34	20.16	-75.05	1,950.34	1,528.13	1,426.50	1,388.07	38.43	37.117		
7,200.00	7,030.35	7,219.43	7,070.69	21.94	20.24	-78.94	1,943.02	1,559.92	1,405.11	1,365.78	39.33	35.728		
7,300.00	7,106.06	7,265.00	7,100.56	22.66	20.34	-81.70	1,937.21	1,593.83	1,386.63	1,346.33	40.31	34.402		
7,400.00	7,170.73	7,320.04	7,133.26	23.49	20.42	-83.78	1,931.76	1,637.74	1,371.21	1,329.66	41.55	32.998		
7,500.00	7,222.77	7,383.85	7,166.58	24.43	20.54	-85.46	1,927.18	1,691.94	1,358.85	1,315.81	43.04	31.572		
7,600.00	7,260.89	7,467.26	7,202.58	25.45	20.81	-86.93	1,921.93	1,766.95	1,348.33	1,303.37	44.97	29.986		
7,700.00	7,284.16	7,545.00	7,228.72	26.55	21.32	-88.23	1,917.76	1,840.01	1,339.82	1,292.72	47.10	28.446		
7,800.00	7,292.01	7,617.04	7,245.48	27.69	22.17	-89.29	1,914.92	1,909.97	1,334.07	1,284.66	49.41	27.002		
7,900.00	7,291.78	7,697.94	7,255.61	28.86	23.45	-89.74	1,913.01	1,990.19	1,330.77	1,278.75	52.03	25.579		
8,000.00	7,291.56	7,770.65	7,260.65	30.07	24.79	-89.96	1,912.22	2,062.71	1,328.96	1,274.32	54.64	24.321		
8,021.38	7,291.51	7,784.25	7,261.51	30.34	25.05	-90.00	1,912.29	2,076.28	1,328.89	1,273.71	55.18	24.083		
8,100.00	7,291.34	7,837.70	7,264.88	31.33	26.11	-90.15	1,913.30	2,129.62	1,329.73	1,272.49	57.24	23.231		
8,200.00	7,291.11	8,025.44	7,281.91	32.62	30.20	-90.90	1,914.91	2,316.52	1,331.22	1,268.42	62.81	21.195		
8,300.00	7,290.89	8,174.45	7,296.37	33.95	33.86	-91.55	1,905.70	2,464.54	1,324.29	1,256.49	67.79	19.535		
8,400.00	7,290.67	8,271.62	7,305.07	35.30	36.34	-91.95	1,898.12	2,561.01	1,315.96	1,244.34	71.62	18.374		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
8,500.00	7,290.44	8,372.68	7,310.61	36.69	38.98	-92.22	1,890.62	2,661.64	1,307.95	1,232.32	75.63	17.294		
8,600.00	7,290.22	8,462.62	7,311.72	38.09	41.37	-92.29	1,884.21	2,751.34	1,300.12	1,220.69	79.43	16.368		
8,700.00	7,290.00	8,537.59	7,310.71	39.51	43.37	-92.26	1,879.91	2,826.17	1,293.59	1,210.71	82.88	15.608		
8,800.00	7,289.78	8,610.34	7,308.98	40.96	45.33	-92.19	1,877.33	2,898.85	1,289.17	1,202.89	86.28	14.942		
8,900.00	7,289.55	8,687.61	7,307.00	42.42	47.42	-92.12	1,876.18	2,976.09	1,286.79	1,196.98	89.81	14.327		
9,000.00	7,289.33	8,777.50	7,304.62	43.89	49.86	-92.02	1,875.91	3,065.95	1,285.61	1,191.87	93.74	13.715		
9,100.00	7,289.11	8,875.50	7,302.14	45.38	52.55	-91.92	1,876.10	3,163.91	1,284.95	1,187.01	97.93	13.121		
9,200.00	7,288.88	8,982.18	7,297.52	46.88	55.50	-91.73	1,876.05	3,270.49	1,283.98	1,181.55	102.43	12.535		
9,300.00	7,288.66	9,091.03	7,292.12	48.39	58.53	-91.50	1,875.51	3,379.21	1,282.58	1,175.55	107.03	11.984		
9,400.00	7,288.44	9,202.87	7,286.38	49.91	61.68	-91.25	1,873.86	3,490.89	1,280.20	1,168.46	111.74	11.457		
9,500.00	7,288.21	9,301.48	7,281.90	51.44	64.47	-91.07	1,871.94	3,589.37	1,277.38	1,161.30	116.07	11.005		
9,600.00	7,287.99	9,377.41	7,280.63	52.98	66.62	-91.02	1,871.09	3,665.29	1,275.50	1,155.76	119.73	10.653		
9,634.26	7,287.91	9,401.71	7,280.66	53.51	67.31	-91.02	1,871.18	3,689.58	1,275.36	1,154.44	120.93	10.547		
9,700.00	7,287.77	9,458.87	7,281.19	54.53	68.93	-91.05	1,871.88	3,746.74	1,275.65	1,152.11	123.54	10.326		
9,800.00	7,287.54	9,558.60	7,281.96	56.09	71.75	-91.10	1,873.48	3,846.45	1,276.50	1,148.55	127.95	9.977		
9,900.00	7,287.32	9,659.66	7,282.68	57.65	74.63	-91.14	1,874.80	3,947.50	1,277.03	1,144.62	132.41	9.645		
10,000.00	7,287.10	9,761.23	7,283.50	59.21	77.53	-91.18	1,876.21	4,049.06	1,277.66	1,140.76	136.90	9.333		
10,100.00	7,286.87	9,860.12	7,284.46	60.79	80.37	-91.24	1,877.42	4,147.93	1,278.13	1,136.82	141.31	9.045		
10,200.00	7,286.65	9,956.16	7,285.35	62.36	83.12	-91.29	1,878.85	4,243.96	1,278.86	1,133.22	145.64	8.781		
10,300.00	7,286.43	10,059.14	7,286.29	63.95	86.08	-91.34	1,880.48	4,346.92	1,279.69	1,129.48	150.21	8.519		
10,400.00	7,286.20	10,171.66	7,287.40	65.53	89.33	-91.40	1,881.55	4,459.43	1,279.89	1,124.79	155.10	8.252		
10,500.00	7,285.98	10,275.14	7,288.52	67.12	92.32	-91.46	1,882.00	4,562.91	1,279.57	1,119.87	159.70	8.012		
10,600.00	7,285.76	10,390.31	7,289.61	68.72	95.67	-91.52	1,881.29	4,678.06	1,278.19	1,113.51	164.67	7.762		
10,700.00	7,285.53	10,492.52	7,290.60	70.32	98.64	-91.58	1,880.16	4,780.26	1,276.32	1,107.07	169.25	7.541		
10,800.00	7,285.31	10,599.82	7,291.27	71.92	101.77	-91.62	1,878.65	4,887.55	1,274.17	1,100.18	173.98	7.323		
10,900.00	7,285.09	10,699.37	7,289.84	73.52	104.67	-91.57	1,876.83	4,987.07	1,271.52	1,093.02	178.50	7.123		
11,000.00	7,284.86	10,776.68	7,288.54	75.13	106.92	-91.52	1,876.04	5,064.36	1,269.73	1,087.40	182.33	6.964		
11,030.90	7,284.80	10,798.56	7,288.15	75.63	107.56	-91.51	1,876.14	5,086.25	1,269.62	1,086.18	183.44	6.921		
11,100.00	7,284.64	10,856.43	7,287.17	76.74	109.24	-91.47	1,876.97	5,144.09	1,270.03	1,083.83	186.20	6.821		
11,200.00	7,284.42	10,949.84	7,286.15	78.35	111.95	-91.43	1,878.82	5,237.48	1,271.20	1,080.70	190.50	6.673		
11,300.00	7,284.19	11,050.53	7,284.99	79.97	114.87	-91.39	1,881.14	5,338.14	1,272.70	1,077.64	195.06	6.525		
11,400.00	7,283.97	11,159.65	7,283.82	81.59	118.05	-91.34	1,883.11	5,447.23	1,273.71	1,073.79	199.91	6.371		
11,500.00	7,283.75	11,275.08	7,283.25	83.21	121.42	-91.33	1,884.12	5,562.66	1,273.80	1,068.83	204.96	6.215		
11,566.03	7,283.60	11,333.75	7,282.95	84.28	123.14	-91.32	1,884.35	5,621.33	1,273.54	1,065.81	207.73	6.131		
11,600.00	7,283.52	11,362.50	7,282.78	84.83	123.97	-91.32	1,884.64	5,650.07	1,273.61	1,064.51	209.10	6.091		
11,700.00	7,283.30	11,451.11	7,282.24	86.45	126.56	-91.30	1,886.13	5,738.67	1,274.50	1,061.23	213.26	5.976		
11,800.00	7,283.08	11,541.13	7,281.75	88.08	129.18	-91.28	1,888.37	5,828.67	1,276.20	1,058.74	217.46	5.869		
11,900.00	7,282.86	11,636.40	7,281.27	89.71	131.95	-91.27	1,891.34	5,923.89	1,278.52	1,056.69	221.84	5.763		
12,000.00	7,282.63	11,744.10	7,280.61	91.33	135.09	-91.25	1,894.60	6,031.53	1,280.77	1,054.10	226.67	5.650		
12,100.00	7,282.41	11,870.37	7,279.62	92.97	138.78	-91.22	1,896.46	6,157.78	1,281.41	1,049.29	232.12	5.520		
12,200.00	7,282.19	11,974.22	7,278.84	94.60	141.83	-91.19	1,897.01	6,261.63	1,281.15	1,044.33	236.82	5.410		
12,300.00	7,281.96	12,079.55	7,277.93	96.23	144.92	-91.16	1,896.99	6,366.95	1,280.32	1,038.76	241.56	5.300		
12,400.00	7,281.74	12,187.34	7,277.20	97.86	148.09	-91.14	1,896.68	6,474.74	1,279.25	1,032.88	246.37	5.192		
12,500.00	7,281.52	12,302.68	7,276.41	99.50	151.48	-91.12	1,895.14	6,590.06	1,277.13	1,025.73	251.40	5.080		
12,600.00	7,281.29	12,418.12	7,275.60	101.14	154.89	-91.10	1,892.20	6,705.46	1,273.80	1,017.40	256.39	4.968		
12,700.00	7,281.07	12,516.57	7,274.93	102.78	157.79	-91.08	1,889.19	6,803.87	1,269.94	1,009.00	260.94	4.867		
12,800.00	7,280.85	12,612.00	7,274.03	104.41	160.61	-91.05	1,886.49	6,899.25	1,266.32	1,000.91	265.42	4.771		
12,900.00	7,280.62	12,708.33	7,273.06	106.05	163.45	-91.02	1,883.96	6,995.55	1,262.90	992.99	269.91	4.679		
13,000.00	7,280.40	12,793.78	7,272.12	107.70	165.97	-90.99	1,882.39	7,080.97	1,260.26	986.16	274.10	4.598		
13,100.00	7,280.18	12,874.45	7,271.36	109.34	168.34	-90.96	1,882.00	7,161.64	1,258.99	980.90	278.09	4.527		
13,165.86	7,280.03	12,934.01	7,270.96	110.42	170.09	-90.95	1,882.33	7,221.19	1,258.83	977.93	280.91	4.481		
13,200.00	7,279.95	12,964.98	7,270.79	110.98	171.00	-90.95	1,882.61	7,252.17	1,258.88	976.51	282.37	4.458		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,300.00	7,279.73	13,023.38	7,270.48	112.62	172.70	-90.94	1,884.13	7,310.54	1,260.72	975.33	285.39	4.418	
13,400.00	7,279.51	13,103.72	7,270.21	114.27	175.04	-90.93	1,888.85	7,390.74	1,265.66	976.54	289.12	4.378	
13,500.00	7,279.28	13,500.00	7,272.24	115.91	186.63	-91.03	1,894.28	7,523.68	1,268.84	966.06	302.78	4.191	
13,600.00	7,279.06	13,327.22	7,272.29	117.56	181.57	-91.04	1,896.83	7,614.06	1,270.96	971.71	299.26	4.247	
13,700.00	7,278.84	13,414.98	7,271.29	119.21	184.13	-91.00	1,900.92	7,701.71	1,274.81	971.48	303.33	4.203	
13,800.00	7,278.61	13,534.60	7,273.64	120.85	187.63	-91.12	1,906.16	7,821.19	1,278.49	969.79	308.69	4.142	
13,900.00	7,278.39	13,669.65	7,274.85	122.50	191.60	-91.18	1,909.13	7,956.20	1,279.98	965.44	314.53	4.069	
14,000.00	7,278.17	13,835.48	7,275.61	124.15	196.50	-91.24	1,906.01	8,121.97	1,277.33	956.47	320.86	3.981	
14,100.00	7,277.94	13,934.85	7,275.98	125.80	199.44	-91.27	1,900.82	8,221.20	1,271.35	945.89	325.45	3.906	
14,200.00	7,277.72	13,996.00	7,275.65	127.45	201.25	-91.27	1,899.05	8,282.33	1,267.67	938.54	329.13	3.852	
14,290.70	7,277.52	14,059.63	7,274.99	128.95	203.12	-91.24	1,898.87	8,345.95	1,266.69	934.21	332.48	3.810	
14,300.00	7,277.50	14,066.12	7,274.92	129.10	203.31	-91.24	1,898.93	8,352.44	1,266.70	933.89	332.82	3.806	
14,400.00	7,277.27	14,155.14	7,273.93	130.75	205.93	-91.20	1,900.48	8,441.44	1,267.61	930.57	337.03	3.761	
14,500.00	7,277.05	14,254.28	7,273.05	132.40	208.84	-91.17	1,902.39	8,540.56	1,268.74	927.14	341.60	3.714	
14,600.00	7,276.83	14,363.46	7,272.59	134.06	212.05	-91.16	1,904.20	8,649.73	1,269.62	923.10	346.52	3.664	
14,696.22	7,276.61	14,479.73	7,271.08	135.65	215.48	-91.11	1,904.73	8,765.98	1,269.29	917.69	351.60	3.610	
14,700.00	7,276.60	14,461.00	7,271.37	135.71	214.93	-91.12	1,904.77	8,747.25	1,269.42	918.38	351.04	3.616	
14,800.00	7,276.38	14,534.19	7,270.26	137.36	217.08	-91.07	1,906.04	8,820.42	1,270.55	915.91	354.63	3.583	
14,900.00	7,276.16	14,627.53	7,268.30	139.02	219.81	-90.99	1,910.00	8,913.65	1,273.95	914.99	358.96	3.549	
15,000.00	7,275.94	14,727.71	7,265.00	140.67	222.74	-90.85	1,914.03	9,013.70	1,277.14	913.57	363.57	3.513	
15,100.00	7,275.71	14,841.10	7,261.19	142.32	226.06	-90.69	1,918.12	9,126.95	1,279.93	911.23	368.71	3.471	
15,200.00	7,275.49	14,942.96	7,257.84	143.98	229.05	-90.55	1,921.20	9,228.70	1,282.14	908.76	373.38	3.434	
15,300.00	7,275.27	15,059.55	7,253.99	145.63	232.48	-90.39	1,923.94	9,345.20	1,283.71	905.11	378.60	3.391	
15,400.00	7,275.04	15,183.88	7,249.96	147.29	236.14	-90.22	1,924.63	9,469.46	1,283.45	899.45	384.00	3.342	
15,493.13	7,274.83	15,262.60	7,247.99	148.83	238.46	-90.14	1,924.56	9,548.16	1,282.67	894.83	387.84	3.307	
15,500.00	7,274.82	15,267.77	7,247.94	148.95	238.61	-90.14	1,924.60	9,553.33	1,282.68	894.57	388.10	3.305	
15,600.00	7,274.60	15,367.74	7,247.94	150.60	241.56	-90.15	1,925.92	9,653.28	1,283.21	890.50	392.71	3.268	
15,700.00	7,274.37	15,483.98	7,248.26	152.26	244.99	-90.18	1,926.24	9,769.52	1,282.70	884.88	397.83	3.224	
15,790.59	7,274.17	15,560.07	7,248.47	153.76	247.24	-90.19	1,926.39	9,845.62	1,282.18	880.63	401.55	3.193	
15,800.00	7,274.15	15,567.95	7,248.49	153.92	247.47	-90.19	1,926.46	9,853.49	1,282.19	880.25	401.93	3.190	
15,900.00	7,273.93	15,638.77	7,248.69	155.57	249.55	-90.21	1,927.84	9,924.29	1,283.38	877.92	405.47	3.165	
16,000.00	7,273.70	15,770.72	7,249.35	157.23	253.43	-90.25	1,931.53	10,056.18	1,285.68	874.46	411.22	3.126	
16,100.00	7,273.48	15,941.18	7,250.14	158.89	258.48	-90.30	1,928.74	10,226.60	1,283.56	866.04	417.52	3.074	
16,200.00	7,273.26	16,087.21	7,250.72	160.55	262.81	-90.35	1,918.24	10,372.24	1,275.31	852.75	422.56	3.018	
16,300.00	7,273.03	16,175.64	7,251.02	162.20	265.44	-90.37	1,911.01	10,460.37	1,266.38	839.26	427.12	2.965	
16,400.00	7,272.81	16,256.33	7,251.38	163.86	267.83	-90.40	1,905.58	10,540.88	1,258.87	827.29	431.58	2.917	
16,500.00	7,272.59	16,338.76	7,251.72	165.52	270.28	-90.43	1,901.11	10,623.19	1,252.69	816.72	435.97	2.873	
16,600.00	7,272.36	16,412.53	7,251.98	167.18	272.46	-90.45	1,898.46	10,696.91	1,248.31	808.21	440.10	2.836	
16,700.00	7,272.14	16,481.97	7,252.25	168.84	274.52	-90.47	1,897.52	10,766.34	1,246.18	802.28	443.91	2.807	
16,731.55	7,272.07	16,503.78	7,252.36	169.36	275.16	-90.47	1,897.58	10,788.15	1,246.03	800.98	445.05	2.800 CC	
16,800.00	7,271.92	16,560.68	7,252.64	170.50	276.84	-90.49	1,898.27	10,845.04	1,246.32	798.52	447.80	2.783	
16,900.00	7,271.69	16,645.33	7,252.98	172.16	279.33	-90.52	1,900.12	10,929.67	1,247.73	795.92	451.81	2.762	
17,000.00	7,271.47	16,734.27	7,253.27	173.82	281.94	-90.54	1,903.18	11,018.56	1,250.37	794.43	455.94	2.742	
17,100.00	7,271.25	16,844.18	7,253.29	175.48	285.17	-90.55	1,907.06	11,128.40	1,253.15	792.18	460.96	2.719	
17,200.00	7,271.02	16,953.51	7,252.26	177.14	288.39	-90.51	1,909.66	11,237.68	1,254.72	788.77	465.94	2.693	
17,300.00	7,270.80	17,048.38	7,252.73	178.80	291.18	-90.54	1,911.85	11,332.53	1,256.25	785.90	470.35	2.671	
17,400.00	7,270.58	17,141.01	7,253.22	180.46	293.90	-90.57	1,914.51	11,425.12	1,258.35	783.70	474.65	2.651	
17,500.00	7,270.35	17,237.32	7,254.12	182.12	296.73	-90.62	1,917.73	11,521.38	1,260.92	781.83	479.09	2.632	
17,600.00	7,270.13	17,360.57	7,257.69	183.79	300.36	-90.80	1,921.07	11,644.52	1,262.93	778.33	484.60	2.606	
17,700.00	7,269.91	17,488.66	7,263.03	185.45	304.14	-91.05	1,921.36	11,772.49	1,262.39	772.31	490.08	2.576	
17,800.00	7,269.68	17,620.43	7,269.02	187.11	308.04	-91.34	1,919.21	11,904.10	1,260.18	764.79	495.38	2.544	
17,900.00	7,269.46	17,745.23	7,269.52	188.77	311.74	-91.38	1,914.00	12,028.79	1,255.21	754.85	500.36	2.509	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - BOOMERANG 28C-3-L - SRC Energy PR Well - Actual BHI Surveys												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1												<b>Offset Well Error:</b>	3.28 usft
Reference	Offset	Semi Major Axis		Distance									
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
18,000.00	7,269.24	17,791.15	7,269.12	190.43	313.10	-91.37	1,913.09	12,074.69	1,251.93	747.98	503.95	2.484	
18,050.29	7,269.13	17,822.00	7,268.84	191.27	314.01	-91.36	1,913.16	12,105.54	1,251.61	745.92	505.69	2.475	
18,100.00	7,269.02	17,863.23	7,268.50	192.10	315.22	-91.35	1,913.72	12,146.77	1,251.86	744.18	507.69	2.466	
18,200.00	7,268.79	17,952.81	7,267.85	193.76	317.86	-91.33	1,915.33	12,236.33	1,252.88	740.97	511.91	2.447	
18,206.76	7,268.78	17,958.55	7,267.81	193.87	318.03	-91.33	1,915.47	12,242.07	1,252.98	740.81	512.18	2.446 ES, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys													Offset Site Error:	0.00 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
4,400.00	4,314.64	4,507.71	4,427.80	12.29	14.01	-35.02	2,404.28	2,086.85	2,482.69	2,457.30	25.39	97.765		
4,500.00	4,412.33	4,632.10	4,549.62	12.59	14.41	-34.80	2,384.95	2,102.98	2,459.03	2,432.97	26.06	94.361		
4,600.00	4,510.01	4,777.87	4,692.35	12.90	14.90	-34.57	2,360.57	2,119.73	2,433.57	2,406.79	26.79	90.854		
4,700.00	4,607.70	4,893.79	4,805.88	13.21	15.29	-34.40	2,340.32	2,131.43	2,406.82	2,379.39	27.43	87.740		
4,800.00	4,705.39	4,992.83	4,902.89	13.52	15.61	-34.26	2,322.72	2,140.93	2,379.57	2,351.54	28.03	84.900		
4,900.00	4,803.07	5,090.33	4,998.41	13.83	15.92	-34.12	2,305.53	2,150.17	2,352.41	2,323.80	28.61	82.217		
5,000.00	4,900.76	5,230.68	5,135.95	14.14	16.38	-33.93	2,280.27	2,162.10	2,324.52	2,295.22	29.30	79.326		
5,100.00	4,998.44	5,316.97	5,220.47	14.46	16.65	-33.82	2,264.25	2,168.89	2,295.76	2,265.90	29.87	76.863		
5,200.00	5,096.13	5,400.44	5,302.21	14.78	16.90	-33.70	2,248.85	2,175.85	2,267.36	2,236.95	30.42	74.543		
5,300.00	5,193.82	5,476.29	5,376.47	15.11	17.12	-33.58	2,235.07	2,182.80	2,239.65	2,208.70	30.96	72.344		
5,400.00	5,291.50	5,544.74	5,443.50	15.43	17.33	-33.46	2,223.04	2,189.73	2,212.95	2,181.46	31.49	70.270		
5,500.00	5,389.19	5,611.10	5,508.49	15.76	17.53	-33.34	2,211.96	2,197.20	2,187.57	2,155.54	32.03	68.306		
5,600.00	5,486.87	8,277.81	7,058.21	16.09	39.03	-81.35	1,859.11	969.72	2,152.00	2,107.43	44.57	48.284		
5,700.00	5,584.56	8,260.96	7,058.85	16.42	38.59	-80.68	1,858.57	986.56	2,074.62	2,029.38	45.23	45.866		
5,800.00	5,682.25	8,244.10	7,059.47	16.75	38.15	-80.00	1,858.11	1,003.39	1,999.05	1,953.12	45.93	43.529		
5,900.00	5,779.93	8,227.26	7,060.09	17.08	37.72	-79.32	1,857.74	1,020.22	1,925.50	1,878.86	46.65	41.279		
6,000.00	5,877.62	8,209.00	7,060.75	17.42	37.25	-78.57	1,857.42	1,038.47	1,854.23	1,806.87	47.36	39.151		
6,100.00	5,975.30	8,209.00	7,060.75	17.75	37.25	-78.57	1,857.42	1,038.47	1,785.58	1,737.05	48.53	36.792		
6,200.00	6,072.99	8,184.32	7,061.65	18.09	36.62	-77.55	1,857.23	1,063.13	1,719.70	1,670.56	49.14	34.993		
6,300.00	6,170.67	8,171.27	7,062.13	18.43	36.29	-77.01	1,857.26	1,076.17	1,657.13	1,607.09	50.04	33.116		
6,400.00	6,268.36	8,158.11	7,062.62	18.77	35.96	-76.46	1,857.39	1,089.32	1,598.17	1,547.24	50.93	31.378		
6,500.00	6,366.05	8,144.85	7,063.12	19.11	35.62	-75.91	1,857.61	1,102.57	1,543.25	1,491.45	51.80	29.790		
6,600.00	6,463.73	8,131.47	7,063.63	19.45	35.28	-75.34	1,857.93	1,115.94	1,492.81	1,440.17	52.64	28.361		
6,700.00	6,561.42	8,116.00	7,064.23	19.79	34.89	-74.69	1,858.43	1,131.39	1,447.30	1,393.95	53.35	27.128		
6,800.00	6,659.10	8,099.52	7,064.86	20.13	34.48	-73.99	1,859.05	1,147.84	1,407.18	1,353.22	53.96	26.078		
6,900.00	6,756.79	8,080.21	7,065.61	20.48	34.01	-73.17	1,859.83	1,167.12	1,372.85	1,318.47	54.38	25.247		
7,000.00	6,853.49	8,057.58	7,066.47	20.85	33.45	-81.95	1,860.84	1,189.71	1,345.19	1,290.60	54.59	24.641		
7,100.00	6,945.46	8,023.80	7,067.75	21.34	32.62	-87.17	1,862.50	1,223.43	1,325.65	1,271.17	54.48	24.333 SF		
7,200.00	7,030.35	7,937.99	7,071.03	21.94	30.57	-87.56	1,866.03	1,309.10	1,313.20	1,260.18	53.02	24.768		
7,300.00	7,106.06	7,875.53	7,073.44	22.66	29.12	-87.54	1,867.90	1,371.49	1,306.32	1,254.07	52.25	25.000		
7,386.80	7,162.89	7,817.04	7,075.71	23.38	27.80	-86.85	1,870.08	1,429.89	1,304.66	1,253.08	51.57	25.297 CC, ES		
7,400.00	7,170.73	7,807.53	7,076.08	23.49	27.59	-86.71	1,870.47	1,439.38	1,304.69	1,253.23	51.46	25.352		
7,500.00	7,222.77	7,731.06	7,079.07	24.43	25.93	-85.43	1,873.99	1,515.72	1,306.85	1,256.20	50.65	25.802		
7,600.00	7,260.89	7,646.00	7,082.36	25.45	24.19	-84.10	1,878.51	1,600.59	1,311.24	1,261.36	49.89	26.285		
7,700.00	7,284.16	7,591.36	7,081.85	26.55	23.17	-83.12	1,882.16	1,655.09	1,317.93	1,267.98	49.95	26.385		
7,800.00	7,292.01	7,532.06	7,075.54	27.69	22.16	-81.88	1,887.32	1,713.81	1,327.54	1,277.48	50.06	26.519		
7,900.00	7,291.78	7,458.00	7,061.56	28.86	21.65	-81.32	1,894.44	1,786.16	1,339.18	1,289.19	49.99	26.789		
8,000.00	7,291.56	7,384.82	7,042.53	30.07	21.63	-80.56	1,901.81	1,856.42	1,352.84	1,302.68	50.16	26.971		
8,100.00	7,291.34	7,306.98	7,016.46	31.33	21.66	-79.53	1,909.51	1,929.32	1,368.40	1,317.96	50.44	27.131		
8,200.00	7,291.11	7,248.17	6,991.32	32.62	21.69	-78.52	1,914.70	1,982.22	1,386.17	1,335.17	51.01	27.177		
8,300.00	7,290.89	7,206.14	6,970.44	33.95	21.70	-77.70	1,918.85	2,018.45	1,407.90	1,356.14	51.76	27.201		
8,400.00	7,290.67	7,179.00	6,955.71	35.30	21.72	-77.13	1,921.82	2,041.04	1,434.00	1,381.44	52.56	27.285		
8,500.00	7,290.44	7,138.10	6,931.98	36.69	21.72	-76.22	1,927.05	2,073.93	1,464.44	1,411.13	53.31	27.471		
8,600.00	7,290.22	7,086.00	6,899.53	38.09	21.73	-75.01	1,935.37	2,113.81	1,499.91	1,445.97	53.94	27.805		
8,700.00	7,290.00	7,086.00	6,899.53	39.51	21.73	-75.01	1,935.37	2,113.81	1,538.75	1,484.02	54.73	28.113		
8,800.00	7,289.78	7,086.00	6,899.53	40.96	21.73	-75.01	1,935.37	2,113.81	1,582.97	1,527.52	55.44	28.552		
8,900.00	7,289.55	7,038.50	6,867.40	42.42	21.70	-73.85	1,944.46	2,147.58	1,629.77	1,573.78	55.99	29.109		
9,000.00	7,289.33	6,993.00	6,834.10	43.89	21.68	-72.68	1,954.37	2,176.93	1,681.82	1,625.36	56.46	29.787		
9,100.00	7,289.11	6,993.00	6,834.10	45.38	21.68	-72.68	1,954.37	2,176.93	1,736.04	1,679.07	56.98	30.470		
9,200.00	7,288.88	6,993.00	6,834.10	46.88	21.68	-72.68	1,954.37	2,176.93	1,794.21	1,736.79	57.42	31.245		
9,300.00	7,288.66	6,993.00	6,834.10	48.39	21.68	-72.68	1,954.37	2,176.93	1,855.94	1,798.13	57.81	32.104		
9,400.00	7,288.44	6,957.21	6,806.30	49.91	21.64	-71.74	1,962.95	2,197.76	1,919.48	1,861.35	58.12	33.024		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - BOOMERANG 34N-6C-M - SRC PR Well - Actual BHI Surveys												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 20-SRC Energy_ISCWSA REV 2 MWD, 1858-SRC Energy_ISCWSA REV 2 MWD+IFR1													
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,500.00	7,288.21	6,944.68	6,796.25	51.44	21.62	-71.40	1,966.11	2,204.55	1,986.16	1,927.75	58.41	34.003	
9,600.00	7,287.99	6,933.08	6,786.82	52.98	21.61	-71.09	1,969.11	2,210.61	2,055.24	1,996.58	58.66	35.037	
9,700.00	7,287.77	6,897.00	6,756.71	54.53	21.56	-70.11	1,978.84	2,227.93	2,127.22	2,068.37	58.85	36.143	
9,800.00	7,287.54	6,897.00	6,756.71	56.09	21.56	-70.11	1,978.84	2,227.93	2,200.03	2,140.98	59.05	37.258	
9,900.00	7,287.32	6,897.00	6,756.71	57.65	21.56	-70.11	1,978.84	2,227.93	2,274.91	2,215.70	59.21	38.420	
10,000.00	7,287.10	6,897.00	6,756.71	59.21	21.56	-70.11	1,978.84	2,227.93	2,351.65	2,292.30	59.35	39.624	
10,100.00	7,286.87	6,897.00	6,756.71	60.79	21.56	-70.11	1,978.84	2,227.93	2,430.09	2,370.63	59.46	40.867	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
0.00	0.00	0.00	0.00	3.28	3.28	64.33	584.73	1,216.62	1,349.98					
100.00	100.00	88.78	88.78	3.28	3.28	64.34	584.32	1,216.53	1,349.61	1,342.25	7.36	183.479		
200.00	200.00	184.77	184.77	3.31	3.29	64.36	583.85	1,216.25	1,349.13	1,341.74	7.39	182.572		
260.30	260.30	241.30	241.30	3.33	3.31	64.35	584.06	1,216.06	1,349.04	1,341.62	7.43	181.644		
300.00	300.00	278.43	278.42	3.35	3.32	64.34	584.20	1,216.03	1,349.08	1,341.62	7.46	180.888		
400.00	399.98	383.13	383.13	3.41	3.36	-2.43	584.67	1,215.93	1,347.45	1,339.89	7.56	178.162		
500.00	499.84	479.19	479.18	3.50	3.41	-2.48	585.26	1,215.55	1,342.14	1,334.44	7.70	174.333		
600.00	599.45	589.04	589.02	3.61	3.48	-2.53	585.76	1,215.14	1,333.30	1,325.42	7.88	169.209		
700.00	698.70	678.36	678.34	3.75	3.55	-2.59	586.23	1,214.55	1,320.77	1,312.69	8.08	163.510		
800.00	797.47	775.97	775.95	3.91	3.63	-2.67	587.07	1,214.42	1,305.40	1,297.08	8.31	156.996		
900.00	895.62	882.39	882.37	4.12	3.74	-2.78	587.98	1,213.88	1,286.27	1,277.67	8.59	149.660		
1,000.00	993.32	977.62	977.59	4.36	3.84	-2.89	588.97	1,212.94	1,264.53	1,255.65	8.89	142.306		
1,100.00	1,091.01	1,076.14	1,076.09	4.63	3.96	-3.02	590.33	1,212.01	1,242.94	1,233.74	9.20	135.145		
1,200.00	1,188.69	1,166.19	1,166.12	4.93	4.07	-3.16	591.88	1,211.12	1,221.47	1,211.95	9.52	128.322		
1,300.00	1,286.38	1,271.11	1,271.03	5.24	4.21	-3.32	593.82	1,210.46	1,200.38	1,190.50	9.88	121.488		
1,400.00	1,384.06	1,363.43	1,363.33	5.57	4.34	-3.46	595.32	1,209.36	1,178.71	1,168.47	10.24	115.079		
1,500.00	1,481.75	1,462.29	1,462.16	5.92	4.48	-3.63	597.35	1,208.73	1,157.72	1,147.09	10.63	108.917		
1,600.00	1,579.44	1,568.76	1,568.61	6.27	4.64	-3.82	599.09	1,207.40	1,136.00	1,124.96	11.04	102.897		
1,700.00	1,677.12	1,678.58	1,678.41	6.63	4.81	-3.99	599.87	1,205.51	1,113.49	1,102.02	11.47	97.103		
1,800.00	1,774.81	1,777.08	1,776.89	7.01	4.97	-4.12	599.95	1,203.27	1,090.21	1,078.32	11.89	91.694		
1,900.00	1,872.49	1,870.21	1,869.98	7.21	5.12	-4.29	600.62	1,201.07	1,067.16	1,055.17	11.99	89.001		
2,000.00	1,970.18	1,965.00	1,964.74	7.26	5.28	-4.51	602.17	1,198.79	1,044.47	1,032.31	12.17	85.827		
2,100.00	2,067.87	2,057.03	2,056.72	7.33	5.44	-4.75	604.01	1,196.67	1,022.08	1,009.71	12.36	82.664		
2,200.00	2,165.55	2,147.62	2,147.27	7.42	5.60	-5.00	606.20	1,195.08	1,000.36	987.79	12.58	79.548		
2,300.00	2,263.24	2,238.40	2,238.01	7.52	5.76	-5.27	608.71	1,194.01	979.32	966.51	12.81	76.478		
2,400.00	2,360.92	2,329.90	2,329.48	7.64	5.93	-5.52	611.21	1,193.70	959.01	945.95	13.05	73.467		
2,500.00	2,458.61	2,428.48	2,428.01	7.77	6.11	-5.80	614.13	1,193.71	939.12	925.79	13.33	70.446		
2,600.00	2,556.30	2,530.69	2,530.17	7.92	6.29	-6.14	617.15	1,192.87	918.54	904.91	13.63	67.380		
2,700.00	2,653.98	2,620.74	2,620.18	8.08	6.46	-6.44	620.00	1,192.67	898.59	884.67	13.93	64.515		
2,800.00	2,751.67	2,722.20	2,721.58	8.26	6.65	-6.82	623.48	1,192.33	878.72	864.46	14.26	61.622		
2,900.00	2,849.35	2,821.25	2,820.56	8.45	6.84	-7.22	627.09	1,191.67	858.72	844.11	14.60	58.809		
3,000.00	2,947.04	2,924.10	2,923.33	8.65	7.04	-7.68	630.83	1,190.45	838.30	823.34	14.96	56.022		
3,100.00	3,044.72	3,024.82	3,023.96	8.86	7.23	-8.19	634.67	1,188.61	817.50	802.17	15.34	53.309		
3,200.00	3,142.41	3,124.63	3,123.66	9.08	7.43	-8.77	638.73	1,186.15	796.36	780.64	15.72	50.667		
3,300.00	3,240.10	3,219.76	3,218.67	9.31	7.61	-9.36	642.84	1,183.69	775.33	759.23	16.10	48.144		
3,400.00	3,337.78	3,314.95	3,313.73	9.55	7.80	-10.00	647.30	1,181.53	754.85	738.35	16.50	45.741		
3,500.00	3,435.47	3,421.61	3,420.24	9.80	8.01	-10.76	651.92	1,178.39	733.70	716.77	16.93	43.341		
3,600.00	3,533.15	3,517.02	3,515.54	10.05	8.20	-11.46	655.56	1,175.53	712.36	695.01	17.35	41.064		
3,700.00	3,630.84	3,613.13	3,611.56	10.31	8.40	-12.15	658.82	1,173.13	691.30	673.52	17.78	38.890		
3,800.00	3,728.53	3,707.35	3,705.71	10.58	8.59	-12.84	662.07	1,171.25	670.76	652.55	18.21	36.833		
3,900.00	3,826.21	3,814.16	3,812.43	10.85	8.80	-13.68	665.42	1,168.65	649.80	631.13	18.67	34.805		
4,000.00	3,923.90	3,910.35	3,908.55	11.13	9.00	-14.47	668.03	1,166.05	628.52	609.39	19.12	32.866		
4,100.00	4,021.58	4,014.91	4,013.03	11.42	9.21	-15.39	670.32	1,162.74	606.68	587.08	19.59	30.964		
4,200.00	4,119.27	4,116.52	4,114.55	11.70	9.41	-16.33	671.78	1,158.74	583.93	563.87	20.07	29.100		
4,300.00	4,216.96	4,211.36	4,209.29	12.00	9.61	-17.35	673.53	1,154.54	561.24	540.70	20.54	27.318		
4,400.00	4,314.64	4,306.91	4,304.72	12.29	9.80	-18.49	675.73	1,150.32	539.03	518.00	21.03	25.627		
4,500.00	4,412.33	4,402.28	4,399.98	12.59	10.00	-19.72	678.04	1,146.35	517.32	495.79	21.53	24.026		
4,600.00	4,510.01	4,493.94	4,491.53	12.90	10.19	-21.00	680.77	1,142.93	496.53	474.49	22.04	22.531		
4,700.00	4,607.70	4,587.28	4,584.77	13.21	10.38	-22.40	684.05	1,140.19	476.96	454.41	22.56	21.146		
4,800.00	4,705.39	4,684.59	4,682.00	13.52	10.58	-23.90	687.40	1,138.04	458.15	435.07	23.08	19.848		
4,900.00	4,803.07	4,781.28	4,778.62	13.83	10.78	-25.49	690.60	1,136.10	439.70	416.08	23.62	18.615		
5,000.00	4,900.76	4,878.02	4,875.30	14.14	10.98	-27.18	693.80	1,134.45	421.82	397.65	24.17	17.452		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - PSC J 5-11 - Noble Energy SI Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7300-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,998.44	4,975.46	4,972.66	14.46	11.19	-29.03	697.17	1,132.81	404.45	379.72	24.73	16.354	
5,200.00	5,096.13	5,074.27	5,071.40	14.78	11.39	-31.07	700.44	1,131.15	387.43	362.13	25.31	15.310	
5,300.00	5,193.82	5,171.77	5,168.85	15.11	11.60	-33.24	703.40	1,129.45	370.68	344.78	25.89	14.316	
5,400.00	5,291.50	5,272.54	5,269.53	15.43	11.81	-35.77	706.52	1,127.17	354.29	327.79	26.50	13.370	
5,500.00	5,389.19	5,374.49	5,371.43	15.76	12.02	-38.57	708.49	1,124.26	337.33	310.21	27.12	12.440	
5,600.00	5,486.87	5,471.20	5,468.08	16.09	12.22	-41.52	709.73	1,121.01	320.39	292.64	27.75	11.545	
5,700.00	5,584.56	5,568.47	5,565.26	16.42	12.43	-44.89	711.46	1,117.45	304.74	276.33	28.41	10.726	
5,800.00	5,682.25	5,664.76	5,661.45	16.75	12.63	-48.68	713.28	1,113.31	290.17	261.08	29.09	9.974	
5,900.00	5,779.93	5,761.75	5,758.31	17.08	12.83	-52.92	715.47	1,108.93	277.34	247.55	29.79	9.310	
6,000.00	5,877.62	5,859.77	5,856.20	17.42	13.04	-57.64	717.44	1,104.15	265.91	235.42	30.50	8.720	
6,100.00	5,975.30	5,957.31	5,953.61	17.75	13.24	-62.67	718.92	1,099.51	256.01	224.81	31.20	8.206	
6,200.00	6,072.99	6,054.83	6,051.01	18.09	13.45	-68.04	720.21	1,094.82	248.10	216.21	31.88	7.781	
6,300.00	6,170.67	6,150.90	6,146.96	18.43	13.65	-73.68	721.23	1,089.94	242.38	209.83	32.54	7.448	
6,400.00	6,268.36	6,246.68	6,242.59	18.77	13.85	-79.51	722.79	1,084.90	239.86	206.70	33.16	7.234	
6,440.83	6,308.24	6,286.24	6,282.08	18.91	13.94	-81.97	723.42	1,082.70	239.63	206.24	33.39	7.176 CC, ES	
6,500.00	6,366.05	6,342.83	6,338.57	19.11	14.06	-85.50	724.32	1,079.45	240.18	206.46	33.71	7.124	
6,600.00	6,463.73	6,439.85	6,435.42	19.45	14.26	-91.45	726.14	1,073.89	243.58	209.37	34.21	7.120 SF	
6,700.00	6,561.42	6,538.18	6,533.59	19.79	14.47	-97.32	727.16	1,068.46	248.88	214.22	34.66	7.180	
6,800.00	6,659.10	6,633.47	6,628.72	20.13	14.67	-102.80	727.93	1,063.01	256.67	221.63	35.05	7.324	
6,900.00	6,756.79	6,727.57	6,722.65	20.48	14.87	-107.72	729.72	1,057.60	267.65	232.25	35.40	7.561	
7,000.00	6,853.49	6,821.60	6,816.49	20.85	15.07	-119.69	732.58	1,052.44	284.18	248.43	35.74	7.950	
7,100.00	6,945.46	6,911.07	6,905.77	21.34	15.26	-128.38	736.15	1,047.78	314.26	278.16	36.10	8.706	
7,200.00	7,030.35	6,997.03	6,991.56	21.94	15.44	-134.25	739.85	1,043.97	358.36	321.87	36.48	9.822	
7,300.00	7,106.06	7,072.77	7,067.18	22.66	15.61	-137.77	743.34	1,041.41	415.94	379.07	36.87	11.281	
7,400.00	7,170.73	7,139.49	7,133.79	23.49	15.75	-139.17	746.76	1,039.77	485.77	448.50	37.26	13.036	
7,500.00	7,222.77	7,194.85	7,189.08	24.43	15.87	-138.02	749.49	1,038.90	565.74	528.11	37.63	15.035	
7,600.00	7,260.89	7,232.56	7,226.75	25.45	15.95	-132.20	751.28	1,038.49	653.84	615.95	37.90	17.253	
7,700.00	7,284.16	7,254.88	7,249.04	26.55	15.99	-117.36	752.35	1,038.25	747.75	709.67	38.07	19.639	
7,800.00	7,292.01	7,261.70	7,255.85	27.69	16.01	-84.57	752.67	1,038.17	844.80	806.66	38.14	22.148	
7,900.00	7,291.78	7,260.43	7,254.58	28.86	16.00	-83.48	752.61	1,038.19	942.78	904.63	38.16	24.707	
8,000.00	7,291.56	7,259.16	7,253.31	30.07	16.00	-83.07	752.55	1,038.20	1,041.15	1,002.97	38.18	27.273	
8,100.00	7,291.34	7,257.88	7,252.03	31.33	16.00	-82.67	752.49	1,038.22	1,139.79	1,101.59	38.20	29.841	
8,200.00	7,291.11	7,256.61	7,250.76	32.62	16.00	-82.26	752.43	1,038.23	1,238.65	1,200.43	38.22	32.408	
8,300.00	7,290.89	7,255.34	7,249.49	33.95	15.99	-81.85	752.37	1,038.24	1,337.68	1,299.44	38.25	34.975	
8,400.00	7,290.67	7,254.06	7,248.22	35.30	15.99	-81.45	752.31	1,038.26	1,436.85	1,398.57	38.28	37.538	
8,500.00	7,290.44	7,252.79	7,246.95	36.69	15.99	-81.04	752.25	1,038.27	1,536.12	1,497.81	38.31	40.098	
8,600.00	7,290.22	7,251.52	7,245.68	38.09	15.98	-80.64	752.19	1,038.28	1,635.47	1,597.13	38.34	42.653	
8,700.00	7,290.00	7,250.24	7,244.41	39.51	15.98	-80.23	752.13	1,038.30	1,734.91	1,696.52	38.38	45.202	
8,800.00	7,289.78	7,248.97	7,243.13	40.96	15.98	-79.83	752.07	1,038.31	1,834.40	1,795.98	38.42	47.746	
8,900.00	7,289.55	7,247.70	7,241.86	42.42	15.98	-79.43	752.00	1,038.33	1,933.94	1,895.48	38.46	50.283	
9,000.00	7,289.33	7,246.43	7,240.59	43.89	15.97	-79.03	751.94	1,038.34	2,033.53	1,995.02	38.50	52.813	
9,100.00	7,289.11	7,245.15	7,239.32	45.38	15.97	-78.63	751.88	1,038.35	2,133.15	2,094.60	38.55	55.336	
9,200.00	7,288.88	7,243.88	7,238.05	46.88	15.97	-78.23	751.82	1,038.37	2,232.81	2,194.22	38.60	57.850	
9,300.00	7,288.66	7,242.61	7,236.78	48.39	15.97	-77.83	751.76	1,038.38	2,332.50	2,293.85	38.65	60.357	
9,400.00	7,288.44	7,241.33	7,235.50	49.91	15.96	-77.43	751.70	1,038.40	2,432.21	2,393.51	38.70	62.855	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - WIEDEMAN 22-5 - Noble Energy PR Well - Actual Coretech Surveys (												Offset Site Error:		0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2" CONE_2.448												Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
2,800.00	2,751.67	3,941.45	3,749.64	8.26	15.52	-67.92	2,429.94	618.75	2,491.31	2,471.03	20.28	122.833	CC, ES	
2,900.00	2,849.35	4,028.80	3,828.57	8.45	15.97	-68.46	2,392.72	615.00	2,440.47	2,419.70	20.76	117.536		
3,000.00	2,947.04	4,106.37	3,898.70	8.65	16.37	-68.94	2,359.70	611.98	2,389.87	2,368.63	21.24	112.520		
3,100.00	3,044.72	4,172.67	3,958.79	8.86	16.71	-69.37	2,331.80	609.59	2,339.89	2,318.18	21.71	107.795		
3,200.00	3,142.41	4,243.71	4,023.39	9.08	17.08	-69.84	2,302.35	607.22	2,290.68	2,268.48	22.19	103.212		
3,300.00	3,240.10	4,321.66	4,094.44	9.31	17.48	-70.36	2,270.35	605.02	2,242.05	2,219.34	22.70	98.752		
3,400.00	3,337.78	4,410.58	4,175.49	9.55	17.93	-70.98	2,233.84	602.72	2,193.61	2,170.37	23.24	94.381		
3,500.00	3,435.47	4,471.48	4,231.14	9.80	18.24	-71.42	2,209.16	601.05	2,145.83	2,122.09	23.74	90.372		
3,600.00	3,533.15	4,534.22	4,288.71	10.05	18.56	-71.89	2,184.30	599.09	2,099.13	2,074.87	24.26	86.525		
3,700.00	3,630.84	4,600.00	4,349.36	10.31	18.89	-72.42	2,158.96	596.53	2,053.66	2,028.87	24.79	82.834		
3,800.00	3,728.53	4,650.29	4,395.97	10.58	19.13	-72.84	2,140.24	594.19	2,009.62	1,984.31	25.31	79.410		
3,900.00	3,826.21	4,705.53	4,447.47	10.85	19.40	-73.33	2,120.49	591.25	1,967.30	1,941.46	25.84	76.138		
4,000.00	3,923.90	4,771.12	4,508.93	11.13	19.71	-73.93	2,097.85	587.68	1,926.49	1,900.09	26.40	72.978		
4,100.00	4,021.58	4,835.26	4,569.29	11.42	20.01	-74.53	2,076.42	584.39	1,887.05	1,860.09	26.96	69.988		
4,200.00	4,119.27	4,900.00	4,630.53	11.70	20.31	-75.13	2,055.63	581.37	1,849.16	1,821.62	27.54	67.156		
4,300.00	4,216.96	4,975.60	4,702.31	12.00	20.65	-75.85	2,032.10	578.23	1,812.55	1,784.41	28.14	64.420		
4,400.00	4,314.64	5,045.78	4,769.13	12.29	20.96	-76.52	2,010.80	575.59	1,777.03	1,748.30	28.73	61.846		
4,500.00	4,412.33	5,114.13	4,834.46	12.59	21.26	-77.19	1,990.90	573.07	1,743.05	1,713.71	29.33	59.423		
4,600.00	4,510.01	5,187.36	4,904.70	12.90	21.57	-77.93	1,970.36	570.44	1,710.47	1,680.52	29.95	57.111		
4,700.00	4,607.70	5,249.82	4,964.84	13.21	21.83	-78.56	1,953.62	568.33	1,679.49	1,648.94	30.54	54.984		
4,800.00	4,705.39	5,311.18	5,024.23	13.52	22.08	-79.18	1,938.33	566.54	1,650.61	1,619.48	31.14	53.009		
4,900.00	4,803.07	5,374.79	5,086.10	13.83	22.33	-79.82	1,923.60	564.82	1,623.83	1,592.10	31.74	51.167		
5,000.00	4,900.76	5,440.21	5,149.98	14.14	22.58	-80.49	1,909.61	563.08	1,599.12	1,566.79	32.34	49.450		
5,100.00	4,998.44	5,500.00	5,208.56	14.46	22.80	-81.11	1,897.76	561.47	1,576.47	1,543.55	32.92	47.886		
5,200.00	5,096.13	5,574.16	5,281.46	14.78	23.07	-81.88	1,884.32	559.41	1,555.84	1,522.29	33.55	46.374		
5,300.00	5,193.82	5,642.69	5,349.04	15.11	23.30	-82.60	1,873.12	557.42	1,537.31	1,503.15	34.16	45.007		
5,400.00	5,291.50	5,712.66	5,418.23	15.43	23.54	-83.34	1,862.86	555.40	1,520.82	1,486.06	34.77	43.744		
5,500.00	5,389.19	5,785.01	5,489.92	15.76	23.78	-84.10	1,853.40	553.31	1,506.30	1,470.92	35.38	42.573		
5,600.00	5,486.87	5,855.18	5,559.59	16.09	23.99	-84.83	1,845.36	551.25	1,493.77	1,457.79	35.98	41.514		
5,700.00	5,584.56	5,931.64	5,635.66	16.42	24.23	-85.63	1,837.94	549.03	1,483.30	1,446.70	36.61	40.522		
5,800.00	5,682.25	6,019.89	5,723.55	16.75	24.49	-86.53	1,830.22	547.00	1,474.04	1,436.76	37.28	39.541		
5,900.00	5,779.93	6,107.04	5,810.38	17.08	24.74	-87.42	1,823.10	544.93	1,465.79	1,427.85	37.95	38.627		
6,000.00	5,877.62	6,195.36	5,898.38	17.42	25.00	-88.36	1,816.17	542.11	1,458.57	1,419.95	38.63	37.762		
6,100.00	5,975.30	6,271.65	5,974.41	17.75	25.22	-89.19	1,810.64	538.93	1,452.74	1,413.50	39.24	37.018		
6,200.00	6,072.99	6,352.47	6,054.98	18.09	25.44	-90.09	1,805.70	535.02	1,448.68	1,408.80	39.88	36.327		
6,300.00	6,170.67	6,484.74	6,186.99	18.43	25.76	-91.42	1,798.92	532.01	1,445.29	1,404.58	40.71	35.499		
6,400.00	6,268.36	6,541.31	6,243.47	18.77	25.83	-91.84	1,796.99	534.49	1,441.17	1,400.06	41.11	35.056		
6,457.12	6,324.16	6,566.94	6,269.08	18.96	25.85	-92.03	1,796.90	535.40	1,440.54	1,399.24	41.29	34.887		
6,500.00	6,366.05	6,600.00	6,302.12	19.11	25.88	-92.27	1,797.55	536.31	1,441.04	1,399.57	41.47	34.752		
6,600.00	6,463.73	6,662.78	6,364.85	19.45	25.85	-92.72	1,799.66	537.61	1,443.74	1,401.99	41.75	34.583		
6,700.00	6,561.42	6,754.43	6,456.44	19.79	25.82	-93.39	1,802.93	539.01	1,447.47	1,405.37	42.10	34.381		
6,800.00	6,659.10	6,830.18	6,532.12	20.13	25.79	-93.96	1,805.89	539.66	1,452.12	1,409.71	42.41	34.237		
6,900.00	6,756.79	6,900.00	6,601.81	20.48	25.76	-94.49	1,810.05	538.92	1,459.41	1,416.70	42.71	34.171		
7,000.00	6,853.49	7,073.01	6,774.64	20.85	25.83	-103.61	1,816.62	536.36	1,467.97	1,424.44	43.52	33.728		
7,100.00	6,945.46	7,214.31	6,915.94	21.34	26.10	-109.55	1,815.36	536.89	1,479.23	1,434.70	44.53	33.220		
7,200.00	7,030.35	7,304.67	6,996.94	21.94	26.26	-111.96	1,813.97	537.94	1,498.49	1,453.09	45.40	33.008		
7,300.00	7,106.06	7,371.77	7,073.35	22.66	26.57	-112.80	1,812.65	538.96	1,527.26	1,480.69	46.57	32.795		
7,400.00	7,170.73	7,437.32	7,138.89	23.49	27.05	-112.21	1,811.51	539.82	1,565.78	1,517.80	47.98	32.634		
7,500.00	7,222.77	7,509.62	7,191.94	24.43	27.76	-110.08	1,810.59	540.53	1,613.87	1,564.22	49.66	32.499		
7,600.00	7,260.89	7,529.65	7,231.20	25.45	28.03	-106.16	1,809.91	541.05	1,670.82	1,619.99	50.83	32.872		
7,700.00	7,284.16	7,554.15	7,255.70	26.55	28.35	-100.13	1,809.49	541.37	1,735.38	1,683.38	52.00	33.372		
7,800.00	7,292.01	7,563.29	7,264.83	27.69	28.47	-91.82	1,809.33	541.49	1,805.85	1,752.99	52.86	34.165		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7300-SRC Energy_2° CONE_2.448												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
7,900.00	7,291.78	7,564.38	7,265.92	28.86	28.49	-91.71	1,809.31	541.51	1,879.88	1,826.36	53.52	35.127	
8,000.00	7,291.56	7,565.47	7,267.01	30.07	28.50	-91.76	1,809.29	541.52	1,956.22	1,902.10	54.12	36.146	
8,100.00	7,291.34	7,566.55	7,268.09	31.33	28.52	-91.81	1,809.27	541.54	2,034.61	1,979.93	54.67	37.213	
8,200.00	7,291.11	7,567.64	7,269.18	32.62	28.53	-91.86	1,809.25	541.55	2,114.82	2,059.64	55.18	38.323	
8,300.00	7,290.89	7,568.73	7,270.27	33.95	28.55	-91.91	1,809.23	541.56	2,196.66	2,141.01	55.65	39.472	
8,400.00	7,290.67	7,569.82	7,271.36	35.30	28.56	-91.96	1,809.21	541.58	2,279.95	2,223.86	56.08	40.654	
8,500.00	7,290.44	7,570.91	7,272.44	36.69	28.58	-92.01	1,809.20	541.59	2,364.53	2,308.05	56.48	41.866	
8,600.00	7,290.22	7,571.99	7,273.53	38.09	28.59	-92.06	1,809.18	541.61	2,450.27	2,393.43	56.84	43.105	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Offsets Incomplete - WIEDEMAN 25-5 - Noble Energy PR Well - Actual Coretech Surveys (													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
3,300.00	3,240.10	4,222.06	3,962.17	9.31	18.35	-47.20	2,380.04	1,455.28	2,472.46	2,446.78	25.67	96.304		
3,400.00	3,337.78	4,272.04	4,007.03	9.55	18.61	-46.98	2,360.06	1,464.57	2,427.33	2,401.13	26.20	92.639		
3,500.00	3,435.47	4,343.95	4,071.87	9.80	19.00	-46.65	2,332.19	1,478.40	2,383.51	2,356.70	26.81	88.915		
3,600.00	3,533.15	4,469.87	4,184.69	10.05	19.68	-46.01	2,282.37	1,503.77	2,339.48	2,311.89	27.59	84.795		
3,700.00	3,630.84	4,550.08	4,255.96	10.31	20.13	-45.56	2,249.51	1,520.35	2,294.42	2,266.17	28.25	81.214		
3,800.00	3,728.53	4,637.38	4,333.91	10.58	20.61	-45.07	2,214.60	1,538.39	2,250.33	2,221.39	28.95	77.743		
3,900.00	3,826.21	4,729.88	4,415.70	10.85	21.13	-44.48	2,176.24	1,558.24	2,205.31	2,175.64	29.67	74.327		
4,000.00	3,923.90	4,775.85	4,456.56	11.13	21.38	-44.18	2,157.78	1,568.38	2,161.82	2,131.55	30.27	71.428		
4,100.00	4,021.58	4,828.39	4,503.65	11.42	21.67	-43.84	2,137.64	1,580.11	2,120.16	2,089.27	30.88	68.652		
4,200.00	4,119.27	4,887.89	4,557.35	11.70	21.99	-43.46	2,115.72	1,593.39	2,080.01	2,048.49	31.52	65.982		
4,300.00	4,216.96	4,984.37	4,644.96	12.00	22.51	-42.85	2,081.14	1,614.26	2,040.70	2,008.42	32.28	63.214		
4,400.00	4,314.64	5,118.35	4,766.60	12.29	23.22	-42.01	2,031.75	1,641.00	2,000.01	1,966.87	33.15	60.341		
4,500.00	4,412.33	5,187.32	4,829.28	12.59	23.58	-41.57	2,006.23	1,654.32	1,959.23	1,925.41	33.83	57.918		
4,600.00	4,510.01	5,257.37	4,893.31	12.90	23.94	-41.13	1,981.15	1,667.65	1,919.55	1,885.04	34.51	55.618		
4,700.00	4,607.70	5,300.00	4,932.48	13.21	24.16	-40.87	1,966.34	1,675.59	1,881.23	1,846.11	35.12	53.563		
4,800.00	4,705.39	5,359.31	4,987.71	13.52	24.45	-40.54	1,947.39	1,685.97	1,844.87	1,809.12	35.76	51.596		
4,900.00	4,803.07	5,400.00	5,026.26	13.83	24.64	-40.36	1,936.07	1,692.42	1,811.26	1,774.93	36.33	49.861		
5,000.00	4,900.76	5,462.74	5,086.35	14.14	24.90	-40.13	1,920.58	1,701.60	1,779.86	1,742.93	36.93	48.195		
5,100.00	4,998.44	5,529.42	5,150.80	14.46	25.18	-39.94	1,906.02	1,710.57	1,750.35	1,712.82	37.53	46.636		
5,200.00	5,096.13	5,609.81	5,229.00	14.78	25.49	-39.77	1,890.05	1,720.19	1,721.96	1,683.80	38.16	45.127		
5,300.00	5,193.82	5,697.49	5,314.74	15.11	25.82	-39.65	1,874.09	1,729.13	1,694.22	1,655.44	38.79	43.680		
5,400.00	5,291.50	5,784.55	5,400.27	15.43	26.12	-39.60	1,859.57	1,736.39	1,666.98	1,627.59	39.39	42.315		
5,500.00	5,389.19	5,856.71	5,471.50	15.76	26.35	-39.63	1,849.02	1,740.99	1,640.63	1,600.69	39.94	41.076		
5,600.00	5,486.87	5,952.57	5,566.67	16.09	26.63	-39.81	1,838.02	1,744.23	1,615.60	1,575.09	40.51	39.884		
5,700.00	5,584.56	6,048.03	5,661.59	16.42	26.87	-40.14	1,827.94	1,743.91	1,589.70	1,548.67	41.02	38.750		
5,800.00	5,682.25	6,117.73	5,731.04	16.75	27.02	-40.45	1,822.28	1,742.29	1,565.07	1,523.60	41.47	37.741		
5,900.00	5,779.93	6,179.67	5,792.86	17.08	27.13	-40.77	1,818.77	1,740.68	1,542.50	1,500.64	41.87	36.844		
6,000.00	5,877.62	6,244.49	5,857.63	17.42	27.25	-41.13	1,816.51	1,739.35	1,522.17	1,479.91	42.26	36.020		
6,100.00	5,975.30	6,313.56	5,926.67	17.75	27.38	-41.49	1,815.13	1,739.04	1,503.93	1,461.27	42.66	35.256		
6,200.00	6,072.99	6,395.16	6,008.28	18.09	27.55	-41.92	1,814.48	1,739.21	1,487.18	1,444.07	43.11	34.500		
6,300.00	6,170.67	6,486.04	6,099.15	18.43	27.64	-42.45	1,814.76	1,738.96	1,471.32	1,427.85	43.47	33.843		
6,400.00	6,268.36	6,576.04	6,189.14	18.77	27.63	-43.03	1,815.96	1,737.71	1,456.08	1,412.34	43.73	33.294		
6,500.00	6,366.05	6,667.80	6,280.84	19.11	27.59	-43.69	1,818.19	1,735.26	1,441.49	1,397.53	43.96	32.788		
6,600.00	6,463.73	6,778.30	6,391.22	19.45	27.56	-44.54	1,821.11	1,731.52	1,427.08	1,382.86	44.22	32.272		
6,700.00	6,561.42	6,903.24	6,516.16	19.79	27.67	-45.32	1,820.66	1,731.04	1,411.29	1,366.64	44.66	31.604		
6,800.00	6,659.10	6,995.27	6,608.16	20.13	27.89	-45.84	1,819.02	1,732.08	1,394.90	1,349.73	45.17	30.881		
6,900.00	6,756.79	7,074.25	6,687.12	20.48	28.07	-46.27	1,818.01	1,733.70	1,379.45	1,333.83	45.62	30.236		
7,000.00	6,853.49	7,175.85	6,788.66	20.85	28.29	-55.94	1,817.17	1,736.94	1,363.53	1,317.35	46.18	29.527		
7,100.00	6,945.46	7,278.59	6,891.35	21.34	28.52	-63.93	1,815.55	1,739.85	1,342.48	1,295.67	46.82	28.675		
7,200.00	7,030.35	7,366.49	6,979.20	21.94	28.69	-70.29	1,813.77	1,742.30	1,318.03	1,270.61	47.42	27.794		
7,300.00	7,106.06	7,443.82	7,056.48	22.66	28.94	-76.10	1,812.19	1,744.45	1,292.57	1,244.39	48.17	26.831		
7,400.00	7,170.73	7,510.44	7,123.06	23.49	29.27	-81.40	1,810.82	1,746.31	1,268.45	1,219.36	49.09	25.840		
7,500.00	7,222.77	7,564.71	7,177.30	24.43	29.73	-85.90	1,809.71	1,747.82	1,248.20	1,197.97	50.23	24.851		
7,600.00	7,260.89	7,605.30	7,217.86	25.45	30.10	-89.24	1,808.88	1,748.95	1,234.23	1,182.89	51.34	24.042		
7,700.00	7,284.16	7,631.20	7,243.75	26.55	30.41	-91.10	1,808.35	1,749.67	1,228.49	1,176.03	52.45	23.420		
7,712.03	7,285.93	7,633.29	7,245.84	26.69	30.44	-91.22	1,808.31	1,749.73	1,228.42	1,175.84	52.58	23.363 CC, ES		
7,800.00	7,292.01	7,641.78	7,254.33	27.69	30.54	-91.32	1,808.14	1,749.96	1,232.17	1,178.79	53.38	23.082		
7,900.00	7,291.78	7,644.33	7,256.87	28.86	30.58	-91.43	1,808.08	1,750.03	1,244.75	1,190.55	54.20	22.965 SF		
8,000.00	7,291.56	7,646.87	7,259.41	30.07	30.61	-91.55	1,808.03	1,750.11	1,265.13	1,210.10	55.03	22.990		
8,100.00	7,291.34	7,649.42	7,261.96	31.33	30.64	-91.67	1,807.98	1,750.18	1,292.93	1,237.09	55.85	23.152		
8,200.00	7,291.11	7,651.96	7,264.50	32.62	30.67	-91.79	1,807.93	1,750.25	1,327.70	1,271.07	56.63	23.445		
8,300.00	7,290.89	7,654.51	7,267.04	33.95	30.70	-91.90	1,807.88	1,750.32	1,368.90	1,311.53	57.38	23.858		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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
Survey Program: 100-SRC Energy_NS-GYRO-MS, 7400-SRC Energy_2° CONE_2.448												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,400.00	7,290.67	7,657.05	7,269.59	35.30	30.73	-92.02	1,807.82	1,750.39	1,415.98	1,357.90	58.07	24.382	
8,500.00	7,290.44	7,659.60	7,272.13	36.69	30.76	-92.14	1,807.77	1,750.46	1,468.36	1,409.64	58.72	25.006	
8,600.00	7,290.22	7,662.14	7,274.68	38.09	30.79	-92.26	1,807.72	1,750.53	1,525.50	1,466.18	59.31	25.720	
8,700.00	7,290.00	7,664.69	7,277.22	39.51	30.83	-92.38	1,807.67	1,750.60	1,586.88	1,527.03	59.85	26.514	
8,800.00	7,289.78	7,667.23	7,279.76	40.96	30.86	-92.50	1,807.62	1,750.67	1,652.04	1,591.70	60.34	27.380	
8,900.00	7,289.55	7,669.78	7,282.31	42.42	30.89	-92.62	1,807.56	1,750.74	1,720.54	1,659.76	60.78	28.308	
9,000.00	7,289.33	7,672.32	7,284.85	43.89	30.92	-92.74	1,807.51	1,750.81	1,792.00	1,730.83	61.18	29.293	
9,100.00	7,289.11	7,674.87	7,287.39	45.38	30.95	-92.85	1,807.46	1,750.88	1,866.08	1,804.55	61.53	30.327	
9,200.00	7,288.88	7,677.41	7,289.94	46.88	30.98	-92.97	1,807.41	1,750.96	1,942.49	1,880.63	61.85	31.404	
9,300.00	7,288.66	7,679.96	7,292.48	48.39	31.01	-93.09	1,807.35	1,751.03	2,020.95	1,958.80	62.15	32.519	
9,400.00	7,288.44	7,682.50	7,295.02	49.91	31.04	-93.21	1,807.30	1,751.10	2,101.24	2,038.83	62.41	33.668	
9,500.00	7,288.21	7,685.05	7,297.57	51.44	31.08	-93.33	1,807.25	1,751.17	2,183.15	2,120.50	62.65	34.847	
9,600.00	7,287.99	7,687.59	7,300.11	52.98	31.11	-93.45	1,807.20	1,751.24	2,266.51	2,203.64	62.87	36.051	
9,700.00	7,287.77	7,690.14	7,302.65	54.53	31.14	-93.57	1,807.15	1,751.31	2,351.17	2,288.10	63.07	37.278	
9,800.00	7,287.54	7,692.68	7,305.20	56.09	31.17	-93.68	1,807.09	1,751.38	2,436.99	2,373.73	63.26	38.524	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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)	+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	-89.49	0.36	-40.09	40.09				
100.00	100.00	100.00	100.00	3.28	3.28	-89.49	0.36	-40.09	40.09	32.56	7.53	5.325	
200.00	200.00	200.00	200.00	3.31	3.31	-89.49	0.36	-40.09	40.09	32.52	7.57	5.294	
300.00	300.00	300.87	300.86	3.35	3.35	-88.47	1.05	-39.18	39.21	31.54	7.66	5.117	
400.00	399.98	401.86	401.73	3.41	3.42	-151.90	3.86	-35.50	37.28	29.49	7.79	4.787	
500.00	499.84	502.72	502.26	3.50	3.51	-147.13	8.81	-29.01	36.01	28.06	7.95	4.529	
591.84	591.34	595.24	594.17	3.60	3.62	-141.58	15.24	-20.58	35.60	27.45	8.14	4.371	CC
600.00	599.45	603.46	602.31	3.61	3.63	-141.04	15.90	-19.71	35.60	27.44	8.16	4.362	ES
700.00	698.70	704.06	701.76	3.75	3.78	-134.00	25.10	-7.65	36.26	27.82	8.43	4.299	
800.00	797.47	804.50	800.46	3.91	3.97	-126.63	36.39	7.16	38.15	29.37	8.78	4.346	
900.00	895.62	904.79	898.29	4.12	4.20	-119.56	49.75	24.68	41.38	32.17	9.22	4.491	
1,000.00	993.32	1,004.86	995.07	4.36	4.48	-111.95	65.14	44.86	45.48	35.72	9.75	4.662	
1,100.00	1,091.01	1,104.51	1,091.05	4.63	4.80	-103.95	81.41	66.20	50.22	39.85	10.37	4.842	
1,200.00	1,188.69	1,204.17	1,187.03	4.93	5.16	-97.42	97.69	87.54	55.76	44.73	11.03	5.056	
1,300.00	1,286.38	1,303.84	1,283.02	5.24	5.53	-92.13	113.96	108.88	61.90	50.18	11.71	5.284	
1,400.00	1,384.06	1,403.50	1,379.00	5.57	5.93	-87.82	130.23	130.21	68.46	56.04	12.42	5.512	
1,500.00	1,481.75	1,503.17	1,474.98	5.92	6.34	-84.27	146.51	151.55	75.35	62.20	13.14	5.734	
1,600.00	1,579.44	1,602.83	1,570.97	6.27	6.76	-81.33	162.78	172.89	82.47	68.59	13.87	5.944	
1,700.00	1,677.12	1,702.50	1,666.95	6.63	7.19	-78.86	179.05	194.23	89.77	75.16	14.62	6.141	
1,800.00	1,774.81	1,802.16	1,762.93	7.01	7.63	-76.77	195.33	215.57	97.22	81.85	15.37	6.327	
1,900.00	1,872.49	1,901.82	1,858.92	7.21	7.87	-74.97	211.60	236.90	104.78	89.40	15.38	6.813	
2,000.00	1,970.18	2,001.49	1,954.90	7.26	7.94	-73.42	227.87	258.24	112.42	96.98	15.44	7.280	
2,100.00	2,067.87	2,101.15	2,050.88	7.33	8.03	-72.06	244.14	279.58	120.14	104.59	15.55	7.727	
2,200.00	2,165.55	2,200.82	2,146.87	7.42	8.14	-70.87	260.42	300.92	127.91	112.22	15.69	8.151	
2,300.00	2,263.24	2,300.48	2,242.85	7.52	8.26	-69.82	276.69	322.26	135.74	119.86	15.87	8.552	
2,400.00	2,360.92	2,400.14	2,338.83	7.64	8.41	-68.88	292.96	343.60	143.60	127.51	16.09	8.925	
2,500.00	2,458.61	2,500.19	2,434.82	7.77	8.57	-68.04	309.24	364.93	151.50	135.16	16.34	9.271	
2,600.00	2,556.30	2,600.53	2,530.80	7.92	8.75	-67.28	325.51	386.27	159.43	142.80	16.63	9.589	
2,700.00	2,653.98	2,700.86	2,626.78	8.08	8.94	-66.60	341.78	407.61	167.38	150.44	16.94	9.880	
2,800.00	2,751.67	2,798.80	2,722.77	8.26	9.14	-65.97	358.06	428.95	175.36	158.08	17.28	10.147	
2,900.00	2,849.35	2,901.53	2,818.75	8.45	9.37	-65.41	374.33	450.29	183.35	165.69	17.66	10.384	
3,000.00	2,947.04	3,001.87	2,914.73	8.65	9.61	-64.88	390.60	471.62	191.36	173.31	18.05	10.599	
3,100.00	3,044.72	3,102.21	3,010.72	8.86	9.85	-64.40	406.87	492.96	199.39	180.91	18.47	10.793	
3,200.00	3,142.41	3,197.46	3,106.70	9.08	10.10	-63.96	423.15	514.30	207.42	188.52	18.90	10.973	
3,300.00	3,240.10	3,302.88	3,202.68	9.31	10.38	-63.55	439.42	535.64	215.47	196.09	19.38	11.119	
3,400.00	3,337.78	3,403.21	3,298.67	9.55	10.66	-63.17	455.69	556.98	223.53	203.67	19.86	11.255	
3,500.00	3,435.47	3,503.55	3,394.65	9.80	10.94	-62.82	471.97	578.32	231.60	211.24	20.36	11.376	
3,600.00	3,533.15	3,603.89	3,490.64	10.05	11.23	-62.49	488.24	599.65	239.68	218.80	20.87	11.483	
3,700.00	3,630.84	3,695.78	3,586.62	10.31	11.51	-62.18	504.51	620.99	247.76	226.38	21.38	11.590	
3,800.00	3,728.53	3,795.44	3,682.60	10.58	11.81	-61.89	520.78	642.33	255.85	233.93	21.92	11.673	
3,900.00	3,826.21	3,895.11	3,778.59	10.85	12.13	-61.62	537.06	663.67	263.95	241.48	22.47	11.746	
4,000.00	3,923.90	4,005.23	3,874.57	11.13	12.48	-61.37	553.33	685.01	272.05	248.98	23.07	11.794	
4,100.00	4,021.58	4,094.44	3,970.55	11.42	12.76	-61.13	569.60	706.34	280.16	256.55	23.61	11.866	
4,200.00	4,119.27	4,205.90	4,066.54	11.70	13.13	-60.90	585.88	727.68	288.27	264.03	24.23	11.896	
4,300.00	4,216.96	4,293.76	4,162.52	12.00	13.42	-60.69	602.15	749.02	296.38	271.59	24.79	11.956	
4,400.00	4,314.64	4,406.57	4,258.50	12.29	13.80	-60.48	618.42	770.36	304.50	279.07	25.43	11.972	
4,500.00	4,412.33	4,506.91	4,354.49	12.59	14.15	-60.29	634.70	791.70	312.63	286.58	26.05	12.002	
4,600.00	4,510.01	4,592.76	4,450.47	12.90	14.44	-60.11	650.97	813.04	320.75	294.13	26.62	12.049	
4,700.00	4,607.70	4,707.58	4,546.45	13.21	14.84	-59.94	667.24	834.37	328.88	301.59	27.30	12.049	
4,800.00	4,705.39	4,792.08	4,642.44	13.52	15.14	-59.77	683.51	855.71	337.02	309.14	27.88	12.090	
4,900.00	4,803.07	4,908.25	4,738.42	13.83	15.55	-59.61	699.79	877.05	345.15	316.58	28.57	12.081	
5,000.00	4,900.76	5,008.59	4,834.40	14.14	15.91	-59.46	716.06	898.39	353.29	324.07	29.22	12.093	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,998.44	5,108.92	4,930.39	14.46	16.27	-59.32	732.33	919.73	361.43	331.56	29.87	12.102	
5,200.00	5,096.13	5,209.26	5,026.37	14.78	16.64	-59.18	748.61	941.06	369.57	339.05	30.52	12.109	
5,300.00	5,193.82	5,290.41	5,122.35	15.11	16.93	-59.05	764.88	962.40	377.71	346.60	31.11	12.140	
5,400.00	5,291.50	5,409.93	5,218.34	15.43	17.37	-58.93	781.15	983.74	385.86	354.02	31.84	12.117	
5,500.00	5,389.19	5,489.73	5,314.32	15.76	17.66	-58.81	797.42	1,005.08	394.01	361.57	32.44	12.146	
5,600.00	5,486.87	5,589.40	5,410.30	16.09	18.03	-58.69	813.70	1,026.42	402.16	369.05	33.11	12.147	
5,700.00	5,584.56	5,689.06	5,506.29	16.42	18.40	-58.58	829.97	1,047.76	410.31	376.53	33.78	12.146	
5,800.00	5,682.25	5,788.73	5,602.27	16.75	18.78	-58.47	846.24	1,069.09	418.46	384.01	34.46	12.145	
5,900.00	5,779.93	5,888.39	5,698.25	17.08	19.15	-58.37	862.52	1,090.43	426.62	391.48	35.13	12.142	
6,000.00	5,877.62	5,988.05	5,794.24	17.42	19.52	-58.27	878.79	1,111.77	434.77	398.95	35.82	12.139	
6,100.00	5,975.30	6,087.72	5,890.22	17.75	19.90	-58.18	895.06	1,133.11	442.93	406.43	36.50	12.135	
6,200.00	6,072.99	6,187.38	5,986.20	18.09	20.28	-58.08	911.34	1,154.45	451.08	413.90	37.19	12.130	
6,300.00	6,170.67	6,287.05	6,082.19	18.43	20.66	-58.00	927.61	1,175.78	459.24	421.37	37.88	12.125	
6,400.00	6,268.36	6,386.71	6,178.17	18.77	21.04	-57.91	943.88	1,197.12	467.40	428.84	38.57	12.119	
6,500.00	6,366.05	6,486.38	6,274.15	19.11	21.42	-57.83	960.15	1,218.46	475.56	436.30	39.26	12.113	
6,600.00	6,463.73	6,586.04	6,370.14	19.45	21.80	-57.75	976.43	1,239.80	483.73	443.77	39.96	12.106	
6,700.00	6,561.42	6,685.70	6,466.12	19.79	22.19	-57.67	992.70	1,261.14	491.89	451.23	40.65	12.099	
6,800.00	6,659.10	6,785.37	6,562.11	20.13	22.57	-57.60	1,008.97	1,282.48	500.05	458.70	41.35	12.092	
6,900.00	6,756.79	6,880.59	6,653.54	20.48	22.95	-57.39	1,024.48	1,304.03	508.40	466.38	42.02	12.098	
7,000.00	6,853.49	6,968.91	6,735.36	20.85	23.36	-63.77	1,038.41	1,334.01	517.82	475.15	42.67	12.137	
7,100.00	6,945.46	7,056.15	6,811.39	21.34	23.86	-67.00	1,051.42	1,374.61	526.72	483.21	43.51	12.105	
7,200.00	7,030.35	7,142.61	6,880.64	21.94	24.44	-68.13	1,063.33	1,424.87	534.73	490.16	44.58	11.996	
7,300.00	7,106.06	7,228.52	6,942.17	22.66	25.09	-68.56	1,073.98	1,483.77	541.60	495.74	45.86	11.810	
7,400.00	7,170.73	7,314.10	6,995.14	23.49	25.82	-68.79	1,083.22	1,550.28	547.12	499.76	47.36	11.551	
7,500.00	7,222.77	7,399.58	7,038.78	24.43	26.61	-69.02	1,090.93	1,623.30	551.16	502.07	49.09	11.228	
7,600.00	7,260.89	7,485.16	7,072.41	25.45	27.47	-69.35	1,096.98	1,701.68	553.61	502.59	51.03	10.850	
7,700.00	7,284.16	7,571.04	7,095.45	26.55	28.37	-69.85	1,101.26	1,784.24	554.45	501.31	53.14	10.433	
7,800.00	7,292.01	7,657.43	7,107.36	27.69	29.32	-70.52	1,103.68	1,869.71	553.69	498.30	55.40	9.995	
7,900.00	7,291.78	7,750.33	7,108.90	28.86	30.36	-70.69	1,104.39	1,962.56	553.03	495.35	57.68	9.588	
8,000.00	7,291.56	7,850.32	7,108.67	30.07	31.52	-70.68	1,104.84	2,062.56	552.71	492.69	60.03	9.208	
8,100.00	7,291.34	7,950.32	7,108.43	31.33	32.72	-70.66	1,105.28	2,162.55	552.40	489.95	62.45	8.845	
8,200.00	7,291.11	8,050.32	7,108.20	32.62	33.97	-70.65	1,105.73	2,262.55	552.09	487.14	64.95	8.501	
8,300.00	7,290.89	8,150.32	7,107.97	33.95	35.24	-70.64	1,106.18	2,362.55	551.77	484.27	67.50	8.174	
8,400.00	7,290.67	8,250.32	7,107.73	35.30	36.55	-70.63	1,106.62	2,462.55	551.46	481.35	70.11	7.865	
8,500.00	7,290.44	8,350.32	7,107.50	36.69	37.88	-70.61	1,107.07	2,562.55	551.15	478.37	72.77	7.574	
8,600.00	7,290.22	8,450.32	7,107.27	38.09	39.24	-70.60	1,107.52	2,662.54	550.83	475.36	75.47	7.298	
8,700.00	7,290.00	8,550.32	7,107.03	39.51	40.63	-70.59	1,107.97	2,762.54	550.52	472.30	78.22	7.039	
8,800.00	7,289.78	8,650.32	7,106.80	40.96	42.03	-70.58	1,108.41	2,862.54	550.20	469.21	80.99	6.793	
8,900.00	7,289.55	8,750.32	7,106.57	42.42	43.45	-70.56	1,108.86	2,962.54	549.89	466.09	83.80	6.562	
9,000.00	7,289.33	8,850.32	7,106.34	43.89	44.89	-70.55	1,109.31	3,062.54	549.58	462.94	86.64	6.344	
9,100.00	7,289.11	8,950.32	7,106.10	45.38	46.35	-70.54	1,109.75	3,162.53	549.26	459.77	89.50	6.137	
9,200.00	7,288.88	9,050.32	7,105.87	46.88	47.82	-70.53	1,110.20	3,262.53	548.95	456.57	92.38	5.942	
9,300.00	7,288.66	9,150.32	7,105.64	48.39	49.30	-70.51	1,110.65	3,362.53	548.64	453.35	95.29	5.758	
9,400.00	7,288.44	9,250.32	7,105.40	49.91	50.79	-70.50	1,111.09	3,462.53	548.32	450.11	98.21	5.583	
9,500.00	7,288.21	9,350.32	7,105.17	51.44	52.30	-70.49	1,111.54	3,562.53	548.01	446.85	101.16	5.418	
9,600.00	7,287.99	9,450.32	7,104.94	52.98	53.81	-70.48	1,111.99	3,662.53	547.70	443.58	104.11	5.261	
9,700.00	7,287.77	9,550.32	7,104.70	54.53	55.33	-70.46	1,112.43	3,762.52	547.38	440.30	107.09	5.112	
9,800.00	7,287.54	9,650.31	7,104.47	56.09	56.86	-70.45	1,112.88	3,862.52	547.07	437.00	110.07	4.970	
9,900.00	7,287.32	9,750.31	7,104.24	57.65	58.40	-70.44	1,113.33	3,962.52	546.76	433.69	113.07	4.836	
10,000.00	7,287.10	9,850.31	7,104.00	59.21	59.95	-70.42	1,113.77	4,062.52	546.44	430.36	116.08	4.708	
10,100.00	7,286.87	9,950.31	7,103.77	60.79	61.50	-70.41	1,114.22	4,162.52	546.13	427.03	119.10	4.586	
10,200.00	7,286.65	10,050.31	7,103.54	62.36	63.06	-70.40	1,114.67	4,262.51	545.82	423.69	122.13	4.469	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,286.43	10,150.31	7,103.31	63.95	64.63	-70.39	1,115.11	4,362.51	545.50	420.34	125.17	4.358		
10,400.00	7,286.20	10,250.31	7,103.07	65.53	66.20	-70.37	1,115.56	4,462.51	545.19	416.98	128.21	4.252		
10,500.00	7,285.98	10,350.31	7,102.84	67.12	67.77	-70.36	1,116.01	4,562.51	544.88	413.61	131.26	4.151		
10,600.00	7,285.76	10,450.31	7,102.61	68.72	69.35	-70.35	1,116.45	4,662.51	544.56	410.24	134.33	4.054		
10,700.00	7,285.53	10,550.31	7,102.37	70.32	70.93	-70.33	1,116.90	4,762.51	544.25	406.86	137.39	3.961		
10,800.00	7,285.31	10,650.31	7,102.14	71.92	72.52	-70.32	1,117.35	4,862.50	543.94	403.47	140.47	3.872		
10,900.00	7,285.09	10,750.31	7,101.91	73.52	74.11	-70.31	1,117.80	4,962.50	543.62	400.08	143.54	3.787		
11,000.00	7,284.86	10,850.31	7,101.67	75.13	75.70	-70.30	1,118.24	5,062.50	543.31	396.68	146.63	3.705		
11,100.00	7,284.64	10,950.31	7,101.44	76.74	77.30	-70.28	1,118.69	5,162.50	543.00	393.28	149.72	3.627		
11,200.00	7,284.42	11,050.31	7,101.21	78.35	78.90	-70.27	1,119.14	5,262.50	542.68	389.87	152.81	3.551		
11,300.00	7,284.19	11,150.31	7,100.97	79.97	80.51	-70.26	1,119.58	5,362.49	542.37	386.46	155.91	3.479		
11,400.00	7,283.97	11,250.31	7,100.74	81.59	82.11	-70.24	1,120.03	5,462.49	542.06	383.05	159.01	3.409		
11,500.00	7,283.75	11,350.30	7,100.51	83.21	83.72	-70.23	1,120.48	5,562.49	541.75	379.63	162.12	3.342		
11,600.00	7,283.52	11,450.30	7,100.28	84.83	85.33	-70.22	1,120.92	5,662.49	541.43	376.21	165.22	3.277		
11,700.00	7,283.30	11,550.30	7,100.04	86.45	86.95	-70.20	1,121.37	5,762.49	541.12	372.78	168.34	3.215		
11,800.00	7,283.08	11,650.30	7,099.81	88.08	88.56	-70.19	1,121.82	5,862.49	540.81	369.35	171.45	3.154		
11,900.00	7,282.86	11,750.30	7,099.58	89.71	90.18	-70.18	1,122.26	5,962.48	540.49	365.92	174.57	3.096		
12,000.00	7,282.63	11,850.30	7,099.34	91.33	91.80	-70.17	1,122.71	6,062.48	540.18	362.49	177.69	3.040		
12,100.00	7,282.41	11,950.30	7,099.11	92.97	93.42	-70.15	1,123.16	6,162.48	539.87	359.05	180.82	2.986		
12,200.00	7,282.19	12,050.30	7,098.88	94.60	95.05	-70.14	1,123.60	6,262.48	539.56	355.61	183.94	2.933		
12,300.00	7,281.96	12,150.30	7,098.64	96.23	96.67	-70.13	1,124.05	6,362.48	539.24	352.17	187.07	2.883		
12,400.00	7,281.74	12,250.30	7,098.41	97.86	98.30	-70.11	1,124.50	6,462.47	538.93	348.73	190.20	2.833		
12,500.00	7,281.52	12,350.30	7,098.18	99.50	99.92	-70.10	1,124.94	6,562.47	538.62	345.28	193.33	2.786		
12,600.00	7,281.29	12,450.30	7,097.95	101.14	101.55	-70.09	1,125.39	6,662.47	538.31	341.84	196.47	2.740		
12,700.00	7,281.07	12,550.30	7,097.71	102.78	103.19	-70.07	1,125.84	6,762.47	537.99	338.39	199.61	2.695		
12,800.00	7,280.85	12,650.30	7,097.48	104.41	104.82	-70.06	1,126.28	6,862.47	537.68	334.94	202.74	2.652		
12,900.00	7,280.62	12,750.30	7,097.25	106.05	106.45	-70.05	1,126.73	6,962.47	537.37	331.48	205.88	2.610		
13,000.00	7,280.40	12,850.30	7,097.01	107.70	108.09	-70.03	1,127.18	7,062.46	537.06	328.03	209.02	2.569		
13,100.00	7,280.18	12,950.30	7,096.78	109.34	109.72	-70.02	1,127.63	7,162.46	536.74	324.58	212.17	2.530		
13,200.00	7,279.95	13,050.30	7,096.55	110.98	111.36	-70.01	1,128.07	7,262.46	536.43	321.12	215.31	2.491		
13,300.00	7,279.73	13,150.29	7,096.31	112.62	113.00	-69.99	1,128.52	7,362.46	536.12	317.66	218.46	2.454		
13,400.00	7,279.51	13,250.29	7,096.08	114.27	114.64	-69.98	1,128.97	7,462.46	535.81	314.20	221.60	2.418		
13,500.00	7,279.28	13,350.29	7,095.85	115.91	116.27	-69.97	1,129.41	7,562.45	535.49	310.74	224.75	2.383		
13,600.00	7,279.06	13,450.29	7,095.61	117.56	117.92	-69.95	1,129.86	7,662.45	535.18	307.28	227.90	2.348		
13,700.00	7,278.84	13,550.29	7,095.38	119.21	119.56	-69.94	1,130.31	7,762.45	534.87	303.82	231.05	2.315		
13,800.00	7,278.61	13,650.29	7,095.15	120.85	121.20	-69.93	1,130.75	7,862.45	534.56	300.36	234.20	2.282		
13,900.00	7,278.39	13,750.29	7,094.92	122.50	122.84	-69.91	1,131.20	7,962.45	534.24	296.89	237.35	2.251		
14,000.00	7,278.17	13,850.29	7,094.68	124.15	124.49	-69.90	1,131.65	8,062.45	533.93	293.43	240.50	2.220		
14,100.00	7,277.94	13,950.29	7,094.45	125.80	126.13	-69.89	1,132.09	8,162.44	533.62	289.96	243.66	2.190		
14,200.00	7,277.72	14,050.29	7,094.22	127.45	127.78	-69.87	1,132.54	8,262.44	533.31	286.50	246.81	2.161		
14,300.00	7,277.50	14,150.29	7,093.98	129.10	129.42	-69.86	1,132.99	8,362.44	533.00	283.03	249.96	2.132		
14,400.00	7,277.27	14,250.29	7,093.75	130.75	131.07	-69.85	1,133.43	8,462.44	532.68	279.56	253.12	2.104		
14,500.00	7,277.05	14,350.29	7,093.52	132.40	132.72	-69.83	1,133.88	8,562.44	532.37	276.10	256.28	2.077		
14,600.00	7,276.83	14,450.29	7,093.28	134.06	134.37	-69.82	1,134.33	8,662.43	532.06	272.63	259.43	2.051		
14,700.00	7,276.60	14,550.29	7,093.05	135.71	136.01	-69.81	1,134.77	8,762.43	531.75	269.16	262.59	2.025		
14,800.00	7,276.38	14,650.29	7,092.82	137.36	137.66	-69.79	1,135.22	8,862.43	531.44	265.69	265.75	2.000		
14,900.00	7,276.16	14,750.29	7,092.58	139.02	139.31	-69.78	1,135.67	8,962.43	531.12	262.22	268.90	1.975		
15,000.00	7,275.94	14,850.29	7,092.35	140.67	140.96	-69.77	1,136.11	9,062.43	530.81	258.75	272.06	1.951		
15,100.00	7,275.71	14,950.28	7,092.12	142.32	142.61	-69.75	1,136.56	9,162.42	530.50	255.28	275.22	1.928		
15,200.00	7,275.49	15,050.28	7,091.89	143.98	144.27	-69.74	1,137.01	9,262.42	530.19	251.81	278.38	1.905		
15,300.00	7,275.27	15,150.28	7,091.65	145.63	145.92	-69.73	1,137.46	9,362.42	529.88	248.33	281.54	1.882		
15,400.00	7,275.04	15,250.28	7,091.42	147.29	147.57	-69.71	1,137.90	9,462.42	529.56	244.86	284.70	1.860		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 11N-3B-L - 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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,274.82	15,350.28	7,091.19	148.95	149.22	-69.70	1,138.35	9,562.42	529.25	241.39	287.86	1.839	
15,600.00	7,274.60	15,450.28	7,090.95	150.60	150.88	-69.68	1,138.80	9,662.42	528.94	237.92	291.02	1.818	
15,700.00	7,274.37	15,550.28	7,090.72	152.26	152.53	-69.67	1,139.24	9,762.41	528.63	234.45	294.18	1.797	
15,800.00	7,274.15	15,650.28	7,090.49	153.92	154.18	-69.66	1,139.69	9,862.41	528.32	230.97	297.34	1.777	
15,900.00	7,273.93	15,750.28	7,090.25	155.57	155.84	-69.64	1,140.14	9,962.41	528.01	227.50	300.50	1.757	
16,000.00	7,273.70	15,850.28	7,090.02	157.23	157.49	-69.63	1,140.58	10,062.41	527.69	224.03	303.67	1.738	
16,100.00	7,273.48	15,950.28	7,089.79	158.89	159.15	-69.62	1,141.03	10,162.41	527.38	220.55	306.83	1.719	
16,200.00	7,273.26	16,050.28	7,089.55	160.55	160.80	-69.60	1,141.48	10,262.40	527.07	217.08	309.99	1.700	
16,300.00	7,273.03	16,150.28	7,089.32	162.20	162.46	-69.59	1,141.92	10,362.40	526.76	213.61	313.15	1.682	
16,400.00	7,272.81	16,250.28	7,089.09	163.86	164.11	-69.58	1,142.37	10,462.40	526.45	210.13	316.31	1.664	
16,500.00	7,272.59	16,350.28	7,088.86	165.52	165.77	-69.56	1,142.82	10,562.40	526.14	206.66	319.48	1.647	
16,600.00	7,272.36	16,450.28	7,088.62	167.18	167.43	-69.55	1,143.26	10,662.40	525.82	203.19	322.64	1.630	
16,700.00	7,272.14	16,550.28	7,088.39	168.84	169.08	-69.53	1,143.71	10,762.40	525.51	199.71	325.80	1.613	
16,800.00	7,271.92	16,650.28	7,088.16	170.50	170.74	-69.52	1,144.16	10,862.39	525.20	196.24	328.96	1.597	
16,900.00	7,271.69	16,750.27	7,087.92	172.16	172.40	-69.51	1,144.60	10,962.39	524.89	192.77	332.12	1.580	
17,000.00	7,271.47	16,850.27	7,087.69	173.82	174.06	-69.49	1,145.05	11,062.39	524.58	189.29	335.29	1.565	
17,100.00	7,271.25	16,950.27	7,087.46	175.48	175.72	-69.48	1,145.50	11,162.39	524.27	185.82	338.45	1.549	
17,200.00	7,271.02	17,050.27	7,087.22	177.14	177.37	-69.46	1,145.94	11,262.39	523.96	182.34	341.61	1.534	
17,300.00	7,270.80	17,150.27	7,086.99	178.80	179.03	-69.45	1,146.39	11,362.38	523.65	178.87	344.77	1.519	
17,400.00	7,270.58	17,250.27	7,086.76	180.46	180.69	-69.44	1,146.84	11,462.38	523.33	175.40	347.94	1.504	
17,500.00	7,270.35	17,350.27	7,086.52	182.12	182.35	-69.42	1,147.29	11,562.38	523.02	171.92	351.10	1.490 Level 3	
17,600.00	7,270.13	17,450.27	7,086.29	183.79	184.01	-69.41	1,147.73	11,662.38	522.71	168.45	354.26	1.475 Level 3	
17,700.00	7,269.91	17,550.27	7,086.06	185.45	185.67	-69.39	1,148.18	11,762.38	522.40	164.98	357.42	1.462 Level 3	
17,800.00	7,269.68	17,650.27	7,085.83	187.11	187.33	-69.38	1,148.63	11,862.38	522.09	161.50	360.59	1.448 Level 3	
17,900.00	7,269.46	17,750.27	7,085.59	188.77	188.99	-69.37	1,149.07	11,962.37	521.78	158.03	363.75	1.434 Level 3	
18,000.00	7,269.24	17,850.27	7,085.36	190.43	190.65	-69.35	1,149.52	12,062.37	521.47	154.56	366.91	1.421 Level 3	
18,100.00	7,269.02	17,950.27	7,085.13	192.10	192.31	-69.34	1,149.97	12,162.37	521.16	151.08	370.07	1.408 Level 3	
18,200.00	7,268.79	18,050.27	7,084.89	193.76	193.97	-69.32	1,150.41	12,262.37	520.85	147.61	373.23	1.395 Level 3	
18,206.76	7,268.78	18,057.03	7,084.88	193.87	194.08	-69.32	1,150.44	12,269.13	520.82	147.38	373.45	1.395 Level 3, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-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	-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	300.00	300.23	300.23	3.35	3.35	-88.48	0.52	-19.81	19.82	12.16	7.66	2.586	
400.00	399.98	400.75	400.70	3.41	3.42	-151.81	2.32	-17.20	18.88	11.10	7.79	2.425	
500.00	499.84	501.22	500.94	3.50	3.51	-146.30	6.11	-11.68	18.43	10.48	7.95	2.319	
522.57	522.34	523.88	523.51	3.52	3.53	-144.80	7.24	-10.04	18.42	10.42	7.99	2.304 CC	
600.00	599.45	601.62	600.81	3.61	3.62	-139.05	11.89	-3.28	18.64	10.48	8.16	2.285	
700.00	698.70	701.95	700.20	3.75	3.76	-130.85	19.63	7.99	19.68	11.26	8.42	2.336	
800.00	797.47	802.20	798.97	3.91	3.94	-122.71	29.34	22.11	21.67	12.91	8.76	2.474	
900.00	895.62	902.36	896.99	4.12	4.15	-115.47	40.98	39.06	24.65	15.46	9.18	2.684	
1,000.00	993.32	1,002.37	994.11	4.36	4.42	-107.42	54.50	58.73	28.21	18.50	9.70	2.907	
1,100.00	1,091.01	1,102.20	1,090.78	4.63	4.72	-99.38	68.61	79.26	32.22	21.92	10.30	3.129	
1,200.00	1,188.69	1,202.03	1,187.45	4.93	5.05	-93.21	82.72	99.79	36.71	25.79	10.93	3.360	
1,300.00	1,286.38	1,301.86	1,284.12	5.24	5.40	-88.43	96.83	120.32	41.54	29.96	11.58	3.586	
1,400.00	1,384.06	1,401.69	1,380.80	5.57	5.76	-84.67	110.94	140.85	46.60	34.33	12.27	3.799	
1,500.00	1,481.75	1,501.52	1,477.47	5.92	6.15	-81.65	125.05	161.38	51.82	38.85	12.97	3.996	
1,600.00	1,579.44	1,601.35	1,574.14	6.27	6.54	-79.19	139.16	181.91	57.15	43.47	13.68	4.177	
1,700.00	1,677.12	1,701.18	1,670.81	6.63	6.95	-77.15	153.27	202.44	62.57	48.16	14.41	4.342	
1,800.00	1,774.81	1,801.01	1,767.49	7.01	7.36	-75.44	167.38	222.97	68.06	52.91	15.15	4.493	
1,900.00	1,872.49	1,900.84	1,864.16	7.21	7.59	-73.98	181.49	243.50	73.60	58.44	15.16	4.854	
2,000.00	1,970.18	2,000.67	1,960.83	7.26	7.65	-72.73	195.60	264.03	79.18	63.95	15.23	5.197	
2,100.00	2,067.87	2,100.50	2,057.50	7.33	7.73	-71.65	209.71	284.56	84.80	69.45	15.35	5.526	
2,200.00	2,165.55	2,200.33	2,154.17	7.42	7.83	-70.70	223.82	305.09	90.44	74.94	15.50	5.836	
2,300.00	2,263.24	2,300.16	2,250.85	7.52	7.95	-69.86	237.93	325.62	96.10	80.42	15.68	6.128	
2,400.00	2,360.92	2,400.00	2,347.52	7.64	8.08	-69.11	252.04	346.15	101.78	85.88	15.90	6.400	
2,500.00	2,458.61	2,500.17	2,444.19	7.77	8.24	-68.44	266.15	366.68	107.47	91.32	16.16	6.652	
2,600.00	2,556.30	2,599.66	2,540.86	7.92	8.40	-67.85	280.26	387.21	113.18	96.74	16.44	6.884	
2,700.00	2,653.98	2,699.49	2,637.54	8.08	8.58	-67.30	294.37	407.74	118.90	102.14	16.76	7.095	
2,800.00	2,751.67	2,800.68	2,734.21	8.26	8.78	-66.81	308.48	428.27	124.63	107.53	17.10	7.286	
2,900.00	2,849.35	2,900.85	2,830.88	8.45	8.99	-66.36	322.59	448.80	130.37	112.89	17.48	7.460	
3,000.00	2,947.04	3,001.02	2,927.55	8.65	9.22	-65.95	336.70	469.33	136.11	118.24	17.87	7.616	
3,100.00	3,044.72	3,101.19	3,024.22	8.86	9.45	-65.57	350.81	489.86	141.86	123.57	18.29	7.757	
3,200.00	3,142.41	3,201.36	3,120.90	9.08	9.69	-65.23	364.92	510.39	147.62	128.89	18.73	7.882	
3,300.00	3,240.10	3,298.47	3,217.57	9.31	9.94	-64.90	379.03	530.92	153.38	134.20	19.18	7.996	
3,400.00	3,337.78	3,398.30	3,314.24	9.55	10.20	-64.61	393.14	551.45	159.15	139.49	19.66	8.096	
3,500.00	3,435.47	3,501.87	3,410.91	9.80	10.48	-64.33	407.25	571.98	164.92	144.76	20.16	8.180	
3,600.00	3,533.15	3,602.04	3,507.59	10.05	10.76	-64.07	421.36	592.51	170.69	150.02	20.67	8.257	
3,700.00	3,630.84	3,702.21	3,604.26	10.31	11.04	-63.83	435.47	613.04	176.47	155.27	21.20	8.325	
3,800.00	3,728.53	3,802.38	3,700.93	10.58	11.34	-63.60	449.58	633.57	182.25	160.52	21.73	8.385	
3,900.00	3,826.21	3,897.45	3,797.60	10.85	11.62	-63.39	463.69	654.10	188.03	165.76	22.27	8.443	
4,000.00	3,923.90	4,002.72	3,894.27	11.13	11.94	-63.19	477.80	674.63	193.82	170.97	22.85	8.483	
4,100.00	4,021.58	4,097.11	3,990.95	11.42	12.23	-63.00	491.91	695.16	199.61	176.21	23.40	8.529	
4,200.00	4,119.27	4,196.94	4,087.62	11.70	12.54	-62.82	506.02	715.69	205.40	181.41	23.98	8.564	
4,300.00	4,216.96	4,303.23	4,184.29	12.00	12.88	-62.65	520.13	736.22	211.19	186.60	24.59	8.587	
4,400.00	4,314.64	4,403.40	4,280.96	12.29	13.21	-62.49	534.24	756.75	216.98	191.79	25.19	8.613	
4,500.00	4,412.33	4,503.57	4,377.64	12.59	13.53	-62.34	548.35	777.28	222.78	196.98	25.80	8.635	
4,600.00	4,510.01	4,603.74	4,474.31	12.90	13.86	-62.20	562.46	797.81	228.57	202.16	26.41	8.653	
4,700.00	4,607.70	4,696.09	4,570.98	13.21	14.17	-62.06	576.57	818.34	234.37	207.36	27.01	8.677	
4,800.00	4,705.39	4,804.08	4,667.65	13.52	14.53	-61.93	590.68	838.87	240.17	212.51	27.66	8.682	
4,900.00	4,803.07	4,904.25	4,764.32	13.83	14.87	-61.81	604.79	859.40	245.97	217.67	28.30	8.693	
5,000.00	4,900.76	4,995.58	4,861.00	14.14	15.18	-61.69	618.90	879.93	251.77	222.86	28.91	8.710	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	5,104.59	4,957.67	14.46	15.56	-61.58	633.01	900.46	257.57	227.99	29.58	8.708		
5,200.00	5,096.13	5,204.76	5,054.34	14.78	15.91	-61.47	647.12	920.99	263.38	233.15	30.23	8.713		
5,300.00	5,193.82	5,304.93	5,151.01	15.11	16.26	-61.37	661.23	941.52	269.18	238.30	30.88	8.717		
5,400.00	5,291.50	5,405.10	5,247.69	15.43	16.61	-61.27	675.34	962.05	274.98	243.45	31.54	8.719		
5,500.00	5,389.19	5,505.27	5,344.36	15.76	16.96	-61.18	689.45	982.58	280.79	248.59	32.20	8.721		
5,600.00	5,486.87	5,605.44	5,441.03	16.09	17.32	-61.09	703.56	1,003.11	286.60	253.73	32.86	8.721		
5,700.00	5,584.56	5,694.39	5,537.70	16.42	17.63	-61.00	717.66	1,023.64	292.40	258.91	33.49	8.730		
5,800.00	5,682.25	5,794.23	5,634.38	16.75	17.99	-60.92	731.77	1,044.17	298.21	264.05	34.16	8.729		
5,900.00	5,779.93	5,905.94	5,731.05	17.08	18.39	-60.84	745.88	1,064.70	304.02	269.14	34.88	8.717		
6,000.00	5,877.62	5,993.89	5,827.72	17.42	18.71	-60.76	759.99	1,085.23	309.83	274.32	35.51	8.725		
6,100.00	5,975.30	6,093.72	5,924.39	17.75	19.07	-60.68	774.10	1,105.76	315.64	279.45	36.19	8.722		
6,200.00	6,072.99	6,206.45	6,021.06	18.09	19.48	-60.61	788.21	1,126.29	321.45	284.53	36.92	8.707		
6,300.00	6,170.67	6,306.62	6,117.74	18.43	19.85	-60.54	802.32	1,146.81	327.26	289.66	37.60	8.703		
6,400.00	6,268.36	6,406.79	6,214.41	18.77	20.21	-60.48	816.43	1,167.34	333.07	294.78	38.29	8.699		
6,500.00	6,366.05	6,506.96	6,311.08	19.11	20.58	-60.41	830.54	1,187.87	338.88	299.90	38.98	8.694		
6,600.00	6,463.73	6,607.13	6,407.75	19.45	20.95	-60.35	844.65	1,208.40	344.69	305.02	39.67	8.689		
6,700.00	6,561.42	6,707.30	6,504.43	19.79	21.32	-60.29	858.76	1,228.93	350.50	310.14	40.36	8.684		
6,800.00	6,659.10	6,807.47	6,601.10	20.13	21.69	-60.23	872.87	1,249.46	356.32	315.26	41.06	8.679		
6,900.00	6,756.79	6,891.95	6,697.35	20.48	22.00	-60.16	886.92	1,270.01	362.13	320.44	41.69	8.686		
7,000.00	6,853.49	6,987.79	6,787.90	20.85	22.42	-66.86	899.84	1,298.35	368.08	325.69	42.39	8.684		
7,100.00	6,945.46	7,082.83	6,872.59	21.34	22.92	-70.41	911.46	1,339.68	373.21	329.92	43.29	8.621		
7,200.00	7,030.35	7,177.21	6,949.81	21.94	23.53	-71.77	921.56	1,392.84	377.31	332.89	44.42	8.494		
7,300.00	7,106.06	7,271.05	7,018.10	22.66	24.22	-72.36	929.97	1,456.52	380.26	334.48	45.77	8.308		
7,400.00	7,170.73	7,364.45	7,076.21	23.49	25.00	-72.67	936.53	1,529.25	381.95	334.60	47.34	8.067		
7,500.00	7,222.77	7,457.55	7,123.08	24.43	25.86	-72.91	941.14	1,609.45	382.33	333.20	49.13	7.782		
7,600.00	7,260.89	7,550.46	7,157.87	25.45	26.79	-73.19	943.71	1,695.48	381.39	330.28	51.11	7.462		
7,700.00	7,284.16	7,643.29	7,179.93	26.55	27.78	-73.56	944.22	1,785.57	379.13	325.88	53.25	7.119		
7,800.00	7,292.01	7,736.19	7,188.82	27.69	28.80	-74.04	942.64	1,877.94	375.61	320.11	55.50	6.767		
7,900.00	7,291.78	7,834.79	7,188.71	28.86	29.92	-73.90	939.49	1,976.49	371.75	313.97	57.78	6.434		
8,000.00	7,291.56	7,934.71	7,188.35	30.07	31.09	-73.70	936.26	2,076.36	367.93	307.80	60.13	6.119		
8,100.00	7,291.34	8,034.63	7,187.99	31.33	32.31	-73.50	933.02	2,176.23	364.12	301.56	62.56	5.821		
8,200.00	7,291.11	8,134.55	7,187.63	32.62	33.56	-73.30	929.79	2,276.09	360.31	295.26	65.05	5.539		
8,300.00	7,290.89	8,234.47	7,187.27	33.95	34.85	-73.10	926.56	2,375.96	356.50	288.90	67.60	5.274		
8,400.00	7,290.67	8,334.39	7,186.91	35.30	36.17	-72.88	923.33	2,475.83	352.70	282.50	70.21	5.024		
8,500.00	7,290.44	8,434.31	7,186.56	36.69	37.52	-72.67	920.10	2,575.69	348.91	276.06	72.85	4.789		
8,600.00	7,290.22	8,534.23	7,186.20	38.09	38.90	-72.45	916.87	2,675.56	345.12	269.58	75.54	4.569		
8,700.00	7,290.00	8,634.15	7,185.84	39.51	40.29	-72.22	913.64	2,775.42	341.33	263.08	78.26	4.362		
8,800.00	7,289.78	8,734.07	7,185.48	40.96	41.71	-71.99	910.41	2,875.29	337.55	256.55	81.00	4.167		
8,900.00	7,289.55	8,833.99	7,185.12	42.42	43.14	-71.76	907.18	2,975.16	333.78	250.00	83.78	3.984		
9,000.00	7,289.33	8,933.91	7,184.76	43.89	44.59	-71.52	903.95	3,075.02	330.01	243.44	86.57	3.812		
9,100.00	7,289.11	9,033.82	7,184.40	45.38	46.06	-71.27	900.72	3,174.89	326.25	236.86	89.38	3.650		
9,200.00	7,288.88	9,133.74	7,184.05	46.88	47.54	-71.02	897.49	3,274.76	322.49	230.28	92.21	3.497		
9,300.00	7,288.66	9,233.66	7,183.69	48.39	49.03	-70.76	894.26	3,374.62	318.74	223.69	95.05	3.353		
9,400.00	7,288.44	9,333.58	7,183.33	49.91	50.53	-70.50	891.03	3,474.49	315.00	217.10	97.90	3.218		
9,500.00	7,288.21	9,433.50	7,182.97	51.44	52.05	-70.23	887.80	3,574.36	311.26	210.51	100.75	3.089		
9,600.00	7,287.99	9,531.17	7,182.62	52.98	53.53	-69.96	884.73	3,671.97	307.62	203.98	103.64	2.968		
9,700.00	7,287.77	9,622.24	7,182.29	54.53	54.93	-69.85	883.94	3,763.04	306.11	199.49	106.62	2.871		
9,800.00	7,287.54	9,722.24	7,181.93	56.09	56.47	-69.81	884.58	3,863.04	306.03	196.43	109.59	2.792		
9,900.00	7,287.32	9,822.24	7,181.57	57.65	58.02	-69.78	885.22	3,963.04	305.94	193.36	112.58	2.718		
10,000.00	7,287.10	9,922.24	7,181.22	59.21	59.58	-69.75	885.85	4,063.03	305.85	190.28	115.57	2.646		
10,100.00	7,286.87	10,022.24	7,180.86	60.79	61.14	-69.71	886.49	4,163.03	305.76	187.18	118.58	2.579		
10,200.00	7,286.65	10,122.24	7,180.50	62.36	62.71	-69.68	887.13	4,263.03	305.67	184.08	121.59	2.514		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-3C-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,286.43	10,222.24	7,180.14	63.95	64.29	-69.65	887.77	4,363.02	305.59	180.97	124.61	2.452	
10,400.00	7,286.20	10,322.24	7,179.78	65.53	65.87	-69.61	888.41	4,463.02	305.50	177.86	127.64	2.393	
10,500.00	7,285.98	10,422.24	7,179.42	67.12	67.45	-69.58	889.05	4,563.02	305.41	174.73	130.68	2.337	
10,600.00	7,285.76	10,522.24	7,179.06	68.72	69.04	-69.55	889.69	4,663.02	305.32	171.61	133.72	2.283	
10,700.00	7,285.53	10,622.24	7,178.70	70.32	70.63	-69.51	890.33	4,763.01	305.24	168.47	136.77	2.232	
10,800.00	7,285.31	10,722.24	7,178.34	71.92	72.23	-69.48	890.96	4,863.01	305.15	165.33	139.82	2.182	
10,900.00	7,285.09	10,822.24	7,177.98	73.52	73.83	-69.45	891.60	4,963.01	305.06	162.19	142.88	2.135	
11,000.00	7,284.86	10,922.24	7,177.62	75.13	75.43	-69.41	892.24	5,063.00	304.97	159.04	145.94	2.090	
11,100.00	7,284.64	11,022.24	7,177.26	76.74	77.04	-69.38	892.88	5,163.00	304.89	155.88	149.01	2.046	
11,200.00	7,284.42	11,122.24	7,176.91	78.35	78.65	-69.35	893.52	5,263.00	304.80	152.72	152.08	2.004	
11,300.00	7,284.19	11,222.24	7,176.55	79.97	80.26	-69.31	894.16	5,363.00	304.71	149.56	155.15	1.964	
11,400.00	7,283.97	11,322.24	7,176.19	81.59	81.87	-69.28	894.80	5,462.99	304.63	146.40	158.23	1.925	
11,500.00	7,283.75	11,422.24	7,175.83	83.21	83.49	-69.25	895.44	5,562.99	304.54	143.23	161.31	1.888	
11,600.00	7,283.52	11,522.24	7,175.47	84.83	85.10	-69.21	896.07	5,662.99	304.45	140.06	164.39	1.852	
11,700.00	7,283.30	11,622.24	7,175.11	86.45	86.72	-69.18	896.71	5,762.98	304.37	136.89	167.48	1.817	
11,800.00	7,283.08	11,722.24	7,174.75	88.08	88.34	-69.14	897.35	5,862.98	304.28	133.72	170.56	1.784	
11,900.00	7,282.86	11,822.24	7,174.39	89.71	89.97	-69.11	897.99	5,962.98	304.19	130.54	173.66	1.752	
12,000.00	7,282.63	11,922.24	7,174.03	91.33	91.59	-69.08	898.63	6,062.97	304.11	127.36	176.75	1.721	
12,100.00	7,282.41	12,022.24	7,173.67	92.97	93.22	-69.04	899.27	6,162.97	304.02	124.18	179.84	1.690	
12,200.00	7,282.19	12,122.24	7,173.31	94.60	94.85	-69.01	899.91	6,262.97	303.94	121.00	182.94	1.661	
12,300.00	7,281.96	12,222.24	7,172.95	96.23	96.48	-68.98	900.55	6,362.97	303.85	117.81	186.04	1.633	
12,400.00	7,281.74	12,322.24	7,172.60	97.86	98.11	-68.94	901.18	6,462.96	303.76	114.63	189.14	1.606	
12,500.00	7,281.52	12,422.24	7,172.24	99.50	99.74	-68.91	901.82	6,562.96	303.68	111.44	192.24	1.580	
12,600.00	7,281.29	12,522.24	7,171.88	101.14	101.38	-68.88	902.46	6,662.96	303.59	108.26	195.34	1.554	
12,700.00	7,281.07	12,622.24	7,171.52	102.78	103.01	-68.84	903.10	6,762.95	303.51	105.07	198.44	1.529	
12,800.00	7,280.85	12,722.24	7,171.16	104.41	104.65	-68.81	903.74	6,862.95	303.42	101.88	201.55	1.505	
12,900.00	7,280.62	12,822.24	7,170.80	106.05	106.29	-68.77	904.38	6,962.95	303.34	98.69	204.65	1.482 Level 3	
13,000.00	7,280.40	12,922.24	7,170.44	107.70	107.92	-68.74	905.02	7,062.95	303.25	95.50	207.76	1.460 Level 3	
13,100.00	7,280.18	13,022.24	7,170.08	109.34	109.56	-68.71	905.66	7,162.94	303.17	92.31	210.86	1.438 Level 3	
13,200.00	7,279.95	13,122.24	7,169.72	110.98	111.20	-68.67	906.29	7,262.94	303.08	89.11	213.97	1.416 Level 3	
13,300.00	7,279.73	13,222.24	7,169.36	112.62	112.85	-68.64	906.93	7,362.94	303.00	85.92	217.08	1.396 Level 3	
13,400.00	7,279.51	13,322.24	7,169.00	114.27	114.49	-68.60	907.57	7,462.93	302.91	82.73	220.19	1.376 Level 3	
13,500.00	7,279.28	13,422.24	7,168.64	115.91	116.13	-68.57	908.21	7,562.93	302.83	79.54	223.29	1.356 Level 3	
13,600.00	7,279.06	13,522.24	7,168.29	117.56	117.78	-68.54	908.85	7,662.93	302.74	76.34	226.40	1.337 Level 3	
13,700.00	7,278.84	13,622.24	7,167.93	119.21	119.42	-68.50	909.49	7,762.93	302.66	73.15	229.51	1.319 Level 3	
13,800.00	7,278.61	13,722.24	7,167.57	120.85	121.07	-68.47	910.13	7,862.92	302.58	69.95	232.62	1.301 Level 3	
13,900.00	7,278.39	13,822.24	7,167.21	122.50	122.71	-68.44	910.77	7,962.92	302.49	66.76	235.73	1.283 Level 3	
14,000.00	7,278.17	13,922.24	7,166.85	124.15	124.36	-68.40	911.40	8,062.92	302.41	63.57	238.84	1.266 Level 3	
14,100.00	7,277.94	14,022.24	7,166.49	125.80	126.01	-68.37	912.04	8,162.91	302.32	60.37	241.95	1.250 Level 2	
14,200.00	7,277.72	14,122.24	7,166.13	127.45	127.66	-68.33	912.68	8,262.91	302.24	57.18	245.06	1.233 Level 2	
14,300.00	7,277.50	14,222.24	7,165.77	129.10	129.30	-68.30	913.32	8,362.91	302.16	53.99	248.17	1.218 Level 2	
14,400.00	7,277.27	14,322.23	7,165.41	130.75	130.95	-68.26	913.96	8,462.91	302.07	50.79	251.28	1.202 Level 2	
14,500.00	7,277.05	14,422.23	7,165.05	132.40	132.60	-68.23	914.60	8,562.90	301.99	47.60	254.39	1.187 Level 2	
14,600.00	7,276.83	14,522.23	7,164.69	134.06	134.25	-68.20	915.24	8,662.90	301.91	44.41	257.50	1.172 Level 2	
14,700.00	7,276.60	14,622.23	7,164.33	135.71	135.90	-68.16	915.88	8,762.90	301.82	41.21	260.61	1.158 Level 2	
14,800.00	7,276.38	14,722.23	7,163.98	137.36	137.56	-68.13	916.52	8,862.89	301.74	38.02	263.72	1.144 Level 2	
14,900.00	7,276.16	14,822.23	7,163.62	139.02	139.21	-68.09	917.15	8,962.89	301.66	34.83	266.83	1.131 Level 2	
15,000.00	7,275.94	14,922.23	7,163.26	140.67	140.86	-68.06	917.79	9,062.89	301.57	31.64	269.94	1.117 Level 2	
15,100.00	7,275.71	15,022.23	7,162.90	142.32	142.51	-68.03	918.43	9,162.89	301.49	28.44	273.05	1.104 Level 2	
15,200.00	7,275.49	15,122.23	7,162.54	143.98	144.17	-67.99	919.07	9,262.88	301.41	25.25	276.16	1.091 Level 2	
15,300.00	7,275.27	15,222.23	7,162.18	145.63	145.82	-67.96	919.71	9,362.88	301.33	22.06	279.26	1.079 Level 2	
15,400.00	7,275.04	15,322.23	7,161.82	147.29	147.48	-67.92	920.35	9,462.88	301.24	18.87	282.37	1.067 Level 2	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 11N-3C-L - 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						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,274.82	15,422.23	7,161.46	148.95	149.13	-67.89	920.99	9,562.87	301.16	15.68	285.48	1.055	Level 2
15,600.00	7,274.60	15,522.23	7,161.10	150.60	150.79	-67.85	921.63	9,662.87	301.08	12.49	288.58	1.043	Level 2
15,700.00	7,274.37	15,622.23	7,160.74	152.26	152.44	-67.82	922.26	9,762.87	301.00	9.31	291.69	1.032	Level 2
15,800.00	7,274.15	15,722.23	7,160.38	153.92	154.10	-67.79	922.90	9,862.87	300.91	6.12	294.80	1.021	Level 2
15,900.00	7,273.93	15,822.23	7,160.02	155.57	155.75	-67.75	923.54	9,962.86	300.83	2.93	297.90	1.010	Level 2
16,000.00	7,273.70	15,922.23	7,159.67	157.23	157.41	-67.72	924.18	10,062.86	300.75	-0.26	301.01	0.999	Level 1
16,100.00	7,273.48	16,022.23	7,159.31	158.89	159.07	-67.68	924.82	10,162.86	300.67	-3.44	304.11	0.989	Level 1
16,200.00	7,273.26	16,122.23	7,158.95	160.55	160.72	-67.65	925.46	10,262.85	300.59	-6.63	307.21	0.978	Level 1
16,300.00	7,273.03	16,222.23	7,158.59	162.20	162.38	-67.61	926.10	10,362.85	300.51	-9.81	310.32	0.968	Level 1
16,400.00	7,272.81	16,322.23	7,158.23	163.86	164.04	-67.58	926.74	10,462.85	300.42	-12.99	313.42	0.959	Level 1
16,500.00	7,272.59	16,422.23	7,157.87	165.52	165.70	-67.55	927.37	10,562.85	300.34	-16.18	316.52	0.949	Level 1
16,600.00	7,272.36	16,522.23	7,157.51	167.18	167.35	-67.51	928.01	10,662.84	300.26	-19.36	319.62	0.939	Level 1
16,700.00	7,272.14	16,622.23	7,157.15	168.84	169.01	-67.48	928.65	10,762.84	300.18	-22.54	322.72	0.930	Level 1
16,800.00	7,271.92	16,722.23	7,156.79	170.50	170.67	-67.44	929.29	10,862.84	300.10	-25.72	325.82	0.921	Level 1
16,900.00	7,271.69	16,822.23	7,156.43	172.16	172.33	-67.41	929.93	10,962.83	300.02	-28.90	328.92	0.912	Level 1
17,000.00	7,271.47	16,922.23	7,156.07	173.82	173.99	-67.37	930.57	11,062.83	299.94	-32.08	332.02	0.903	Level 1
17,100.00	7,271.25	17,022.23	7,155.71	175.48	175.65	-67.34	931.21	11,162.83	299.86	-35.26	335.12	0.895	Level 1
17,200.00	7,271.02	17,122.23	7,155.36	177.14	177.31	-67.30	931.85	11,262.83	299.78	-38.44	338.21	0.886	Level 1
17,300.00	7,270.80	17,222.23	7,155.00	178.80	178.97	-67.27	932.48	11,362.82	299.70	-41.61	341.31	0.878	Level 1
17,400.00	7,270.58	17,322.23	7,154.64	180.46	180.63	-67.23	933.12	11,462.82	299.62	-44.79	344.41	0.870	Level 1
17,500.00	7,270.35	17,422.23	7,154.28	182.12	182.29	-67.20	933.76	11,562.82	299.54	-47.96	347.50	0.862	Level 1
17,600.00	7,270.13	17,522.23	7,153.92	183.79	183.95	-67.16	934.40	11,662.81	299.46	-51.14	350.59	0.854	Level 1
17,700.00	7,269.91	17,622.23	7,153.56	185.45	185.61	-67.13	935.04	11,762.81	299.38	-54.31	353.69	0.846	Level 1
17,800.00	7,269.68	17,722.23	7,153.20	187.11	187.27	-67.10	935.68	11,862.81	299.30	-57.48	356.78	0.839	Level 1
17,900.00	7,269.46	17,822.23	7,152.84	188.77	188.93	-67.06	936.32	11,962.80	299.22	-60.65	359.87	0.831	Level 1
18,000.00	7,269.24	17,922.23	7,152.48	190.43	190.59	-67.03	936.96	12,062.80	299.14	-63.82	362.96	0.824	Level 1
18,100.00	7,269.02	18,022.23	7,152.12	192.10	192.26	-66.99	937.59	12,162.80	299.06	-66.99	366.05	0.817	Level 1
18,200.00	7,268.79	18,122.23	7,151.76	193.76	193.92	-66.96	938.23	12,262.80	298.98	-70.16	369.14	0.810	Level 1
18,206.76	7,268.78	18,128.99	7,151.74	193.87	194.03	-66.95	938.28	12,269.55	298.97	-70.37	369.35	0.809	Level 1, ES, SF

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-6A-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	-2.00	3.28	3.28	90.20	-4.34	1,219.71	1,219.72					
100.00	100.00	102.00	98.00	3.28	3.28	90.20	-4.34	1,219.71	1,219.72	1,212.19	7.53	162.001		
200.00	200.00	202.00	198.00	3.31	3.31	90.20	-4.34	1,219.71	1,219.72	1,212.15	7.57	161.028		
205.90	205.90	203.90	203.90	3.31	3.31	90.20	-4.34	1,219.71	1,219.72	1,212.14	7.58	160.971		
300.00	300.00	285.03	285.03	3.35	3.34	90.20	-4.24	1,219.90	1,219.97	1,212.32	7.66	159.367		
400.00	399.98	358.00	357.97	3.41	3.39	23.43	-3.34	1,221.49	1,220.54	1,212.79	7.76	157.302		
500.00	499.84	430.96	430.84	3.50	3.44	23.42	-1.54	1,224.69	1,220.13	1,212.24	7.89	154.651		
600.00	599.45	500.00	499.68	3.61	3.51	23.42	1.01	1,229.21	1,218.73	1,210.69	8.04	151.522		
700.00	698.70	576.91	576.20	3.75	3.59	23.43	4.81	1,235.94	1,216.33	1,208.09	8.24	147.649		
800.00	797.47	649.92	648.62	3.91	3.69	23.46	9.34	1,243.99	1,212.95	1,204.49	8.46	143.400		
900.00	895.62	722.96	720.82	4.12	3.80	23.50	14.78	1,253.65	1,208.59	1,199.88	8.71	138.729		
1,000.00	993.32	800.00	796.63	4.36	3.94	23.49	21.50	1,265.57	1,204.34	1,195.34	9.01	133.710		
1,100.00	1,091.01	889.12	884.03	4.63	4.13	23.45	30.05	1,280.75	1,201.64	1,192.27	9.37	128.286		
1,200.00	1,188.69	989.08	982.05	4.93	4.37	23.39	39.67	1,297.81	1,199.02	1,189.23	9.79	122.466		
1,300.00	1,286.38	1,089.04	1,080.07	5.24	4.63	23.34	49.29	1,314.87	1,196.41	1,186.16	10.25	116.774		
1,400.00	1,384.06	1,189.00	1,178.09	5.57	4.91	23.28	58.90	1,331.94	1,193.79	1,183.06	10.73	111.286		
1,500.00	1,481.75	1,288.96	1,276.12	5.92	5.21	23.22	68.52	1,349.00	1,191.18	1,179.95	11.23	106.053		
1,600.00	1,579.44	1,388.92	1,374.14	6.27	5.53	23.17	78.13	1,366.06	1,188.56	1,176.81	11.76	101.100		
1,700.00	1,677.12	1,488.88	1,472.16	6.63	5.85	23.11	87.75	1,383.13	1,185.95	1,173.66	12.30	96.443		
1,800.00	1,774.81	1,588.84	1,570.18	7.01	6.19	23.06	97.37	1,400.19	1,183.34	1,170.49	12.85	92.068		
1,900.00	1,872.49	1,688.79	1,668.20	7.21	6.53	23.00	106.98	1,417.26	1,180.73	1,167.66	13.07	90.317		
2,000.00	1,970.18	1,788.75	1,766.22	7.26	6.88	22.94	116.60	1,434.32	1,178.12	1,164.74	13.38	88.058		
2,100.00	2,067.87	1,888.71	1,864.24	7.33	7.09	22.88	126.21	1,451.38	1,175.52	1,162.10	13.41	87.653		
2,200.00	2,165.55	1,988.67	1,962.26	7.42	7.15	22.83	135.83	1,468.45	1,172.91	1,159.41	13.50	86.854		
2,300.00	2,263.24	2,088.63	2,060.29	7.52	7.21	22.77	145.45	1,485.51	1,170.30	1,156.69	13.61	85.962		
2,400.00	2,360.92	2,188.59	2,158.31	7.64	7.29	22.71	155.06	1,502.57	1,167.70	1,153.95	13.76	84.889		
2,500.00	2,458.61	2,288.55	2,256.33	7.77	7.38	22.65	164.68	1,519.64	1,165.10	1,151.17	13.93	83.653		
2,600.00	2,556.30	2,388.51	2,354.35	7.92	7.49	22.59	174.29	1,536.70	1,162.50	1,148.37	14.13	82.274		
2,700.00	2,653.98	2,488.47	2,452.37	8.08	7.62	22.53	183.91	1,553.76	1,159.90	1,145.54	14.36	80.776		
2,800.00	2,751.67	2,588.43	2,550.39	8.26	7.75	22.48	193.53	1,570.83	1,157.30	1,142.68	14.62	79.179		
2,900.00	2,849.35	2,688.39	2,648.41	8.45	7.90	22.42	203.14	1,587.89	1,154.70	1,139.80	14.90	77.505		
3,000.00	2,947.04	2,788.34	2,746.43	8.65	8.06	22.36	212.76	1,604.96	1,152.10	1,136.90	15.20	75.774		
3,100.00	3,044.72	2,888.30	2,844.46	8.86	8.24	22.30	222.37	1,622.02	1,149.51	1,133.98	15.53	74.004		
3,200.00	3,142.41	2,988.26	2,942.48	9.08	8.43	22.24	231.99	1,639.08	1,146.92	1,131.03	15.88	72.212		
3,300.00	3,240.10	3,088.22	3,040.50	9.31	8.62	22.18	241.61	1,656.15	1,144.32	1,128.07	16.25	70.412		
3,400.00	3,337.78	3,188.18	3,138.52	9.55	8.83	22.11	251.22	1,673.21	1,141.73	1,125.09	16.64	68.617		
3,500.00	3,435.47	3,288.14	3,236.54	9.80	9.04	22.05	260.84	1,690.27	1,139.14	1,122.10	17.04	66.837		
3,600.00	3,533.15	3,388.10	3,334.56	10.05	9.26	21.99	270.45	1,707.34	1,136.55	1,119.09	17.46	65.081		
3,700.00	3,630.84	3,488.06	3,432.58	10.31	9.50	21.93	280.07	1,724.40	1,133.97	1,116.07	17.90	63.355		
3,800.00	3,728.53	3,588.02	3,530.61	10.58	9.73	21.87	289.69	1,741.46	1,131.38	1,113.03	18.35	61.667		
3,900.00	3,826.21	3,687.98	3,628.63	10.85	9.98	21.81	299.30	1,758.53	1,128.79	1,109.99	18.81	60.019		
4,000.00	3,923.90	3,787.94	3,726.65	11.13	10.23	21.74	308.92	1,775.59	1,126.21	1,106.93	19.28	58.415		
4,100.00	4,021.58	3,887.89	3,824.67	11.42	10.49	21.68	318.53	1,792.66	1,123.63	1,103.87	19.76	56.856		
4,200.00	4,119.27	3,987.85	3,922.69	11.70	10.75	21.62	328.15	1,809.72	1,121.05	1,100.79	20.26	55.345		
4,300.00	4,216.96	4,087.81	4,020.71	12.00	11.02	21.55	337.76	1,826.78	1,118.47	1,097.71	20.76	53.882		
4,400.00	4,314.64	4,187.77	4,118.73	12.29	11.29	21.49	347.38	1,843.85	1,115.89	1,094.62	21.27	52.468		
4,500.00	4,412.33	4,287.73	4,216.75	12.59	11.56	21.43	357.00	1,860.91	1,113.31	1,091.53	21.79	51.101		
4,600.00	4,510.01	4,387.69	4,314.78	12.90	11.84	21.36	366.61	1,877.97	1,110.74	1,088.43	22.31	49.781		
4,700.00	4,607.70	4,487.65	4,412.80	13.21	12.13	21.30	376.23	1,895.04	1,108.17	1,085.32	22.85	48.508		
4,800.00	4,705.39	4,587.61	4,510.82	13.52	12.42	21.23	385.84	1,912.10	1,105.59	1,082.21	23.38	47.280		
4,900.00	4,803.07	4,687.57	4,608.84	13.83	12.71	21.17	395.46	1,929.16	1,103.02	1,079.09	23.93	46.096		
5,000.00	4,900.76	4,787.53	4,706.86	14.14	13.00	21.10	405.08	1,946.23	1,100.45	1,075.97	24.48	44.955		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-6A-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	4,887.49	4,804.88	14.46	13.30	21.04	414.69	1,963.29	1,097.88	1,072.85	25.03	43.855		
5,200.00	5,096.13	4,987.44	4,902.90	14.78	13.60	20.97	424.31	1,980.36	1,095.32	1,069.72	25.59	42.795		
5,300.00	5,193.82	5,087.40	5,000.93	15.11	13.90	20.90	433.92	1,997.42	1,092.75	1,066.59	26.16	41.774		
5,400.00	5,291.50	5,187.36	5,098.95	15.43	14.20	20.84	443.54	2,014.48	1,090.19	1,063.46	26.73	40.789		
5,500.00	5,389.19	5,287.32	5,196.97	15.76	14.51	20.77	453.16	2,031.55	1,087.63	1,060.33	27.30	39.840		
5,600.00	5,486.87	5,387.28	5,294.99	16.09	14.82	20.70	462.77	2,048.61	1,085.07	1,057.19	27.88	38.925		
5,700.00	5,584.56	5,487.24	5,393.01	16.42	15.13	20.64	472.39	2,065.67	1,082.51	1,054.05	28.46	38.042		
5,800.00	5,682.25	5,587.20	5,491.03	16.75	15.44	20.57	482.00	2,082.74	1,079.95	1,050.91	29.04	37.191		
5,900.00	5,779.93	5,687.16	5,589.05	17.08	15.75	20.50	491.62	2,099.80	1,077.39	1,047.77	29.62	36.369		
6,000.00	5,877.62	5,787.12	5,687.07	17.42	16.07	20.43	501.24	2,116.86	1,074.84	1,044.63	30.21	35.576		
6,100.00	5,975.30	7,985.31	6,964.63	17.75	22.93	-135.65	632.45	1,055.85	1,005.85	976.98	28.88	34.833		
6,200.00	6,072.99	7,963.33	6,965.15	18.09	22.71	-133.66	632.40	1,077.82	908.66	879.65	29.01	31.323		
6,300.00	6,170.67	7,941.35	6,965.68	18.43	22.50	-131.27	632.35	1,099.80	811.54	782.39	29.15	27.841		
6,400.00	6,268.36	7,919.37	6,966.21	18.77	22.28	-128.35	632.30	1,121.77	714.55	685.25	29.30	24.386		
6,500.00	6,366.05	7,902.60	6,966.74	19.11	22.12	-124.72	632.25	1,143.74	617.74	588.24	29.50	20.939		
6,600.00	6,463.73	7,875.42	6,967.27	19.45	21.87	-120.15	632.21	1,165.71	521.20	491.52	29.69	17.557		
6,700.00	6,561.42	7,853.44	6,967.80	19.79	21.68	-114.28	632.16	1,187.68	425.13	395.17	29.96	14.188		
6,800.00	6,659.10	7,831.46	6,968.33	20.13	21.48	-106.67	632.11	1,209.65	329.93	299.54	30.39	10.856		
6,900.00	6,756.79	7,809.49	6,968.86	20.48	21.28	-96.84	632.06	1,231.62	236.66	205.42	31.24	7.575		
7,000.00	6,853.49	7,783.42	6,969.48	20.85	21.07	-100.91	632.00	1,257.68	149.86	116.23	33.63	4.457		
7,100.00	6,945.46	7,743.10	6,970.45	21.34	20.75	-90.00	631.91	1,297.99	88.37	47.81	40.57	2.179		
7,140.02	6,980.40	7,723.03	6,970.94	21.58	20.59	-79.71	631.87	1,318.05	81.33	38.63	42.70	1.905 CC, ES, SF		
7,200.00	7,030.35	7,688.98	6,971.76	21.94	20.33	-60.78	631.80	1,352.09	95.10	54.81	40.29	2.360		
7,300.00	7,106.06	7,622.39	6,973.36	22.66	19.88	-34.62	631.65	1,418.66	147.99	112.93	35.06	4.221		
7,400.00	7,170.73	7,544.98	6,975.22	23.49	19.42	-21.10	631.48	1,496.05	203.58	170.65	32.94	6.181		
7,500.00	7,222.77	7,461.99	6,977.16	24.43	19.01	-14.68	631.29	1,579.02	250.39	218.42	31.97	7.832		
7,600.00	7,260.89	7,400.00	6,974.77	25.45	18.78	-11.68	630.77	1,640.94	290.40	259.27	31.13	9.329		
7,700.00	7,284.16	7,334.18	6,965.70	26.55	18.58	-9.47	629.57	1,706.09	325.79	295.17	30.63	10.638		
7,800.00	7,292.01	7,271.80	6,950.96	27.69	18.44	-7.88	627.84	1,766.65	356.11	325.75	30.36	11.731		
7,900.00	7,291.78	7,211.68	6,931.25	28.86	18.35	-7.03	625.63	1,823.38	388.01	357.71	30.30	12.804		
8,000.00	7,291.56	7,150.00	6,905.58	30.07	18.30	-6.09	622.83	1,879.37	428.46	398.09	30.37	14.109		
8,100.00	7,291.34	7,100.00	6,880.90	31.33	18.28	-5.31	620.19	1,922.75	476.41	445.81	30.60	15.570		
8,200.00	7,291.11	7,050.00	6,852.90	32.62	18.28	-4.55	617.24	1,964.06	531.12	500.24	30.87	17.203		
8,300.00	7,290.89	7,015.50	6,831.74	33.95	18.28	-4.04	615.02	1,991.21	591.44	560.13	31.31	18.890		
8,400.00	7,290.67	6,977.42	6,806.71	35.30	18.29	-3.50	612.41	2,019.79	656.83	625.15	31.69	20.728		
8,500.00	7,290.44	6,950.00	6,787.67	36.69	18.30	-3.12	610.44	2,039.42	726.54	694.41	32.13	22.611		
8,600.00	7,290.22	6,912.32	6,760.16	38.09	18.31	-2.63	607.60	2,065.00	799.74	767.30	32.43	24.658		
8,700.00	7,290.00	6,884.57	6,738.96	39.51	18.32	-2.29	605.42	2,082.77	876.10	843.31	32.78	26.724		
8,800.00	7,289.78	6,850.00	6,711.51	40.96	18.33	-1.89	602.61	2,103.59	955.21	922.18	33.04	28.914		
8,900.00	7,289.55	6,850.00	6,711.51	42.42	18.33	-1.89	602.61	2,103.59	1,036.58	1,003.06	33.51	30.931		
9,000.00	7,289.33	6,816.43	6,683.82	43.89	18.34	-1.52	599.79	2,122.34	1,119.57	1,085.87	33.70	33.222		
9,100.00	7,289.11	6,800.00	6,669.91	45.38	18.34	-1.35	598.37	2,130.97	1,204.47	1,170.49	33.98	35.448		
9,200.00	7,288.88	6,780.87	6,653.44	46.88	18.34	-1.16	596.70	2,140.57	1,290.82	1,256.61	34.21	37.732		
9,300.00	7,288.66	6,750.00	6,626.29	48.39	18.35	-0.86	593.95	2,154.99	1,378.71	1,344.36	34.36	40.130		
9,400.00	7,288.44	6,750.00	6,626.29	49.91	18.35	-0.86	593.95	2,154.99	1,467.17	1,432.52	34.65	42.342		
9,500.00	7,288.21	6,750.00	6,626.29	51.44	18.35	-0.86	593.95	2,154.99	1,557.03	1,522.11	34.92	44.590		
9,600.00	7,287.99	6,726.17	6,604.88	52.98	18.34	-0.65	591.78	2,165.21	1,647.44	1,612.39	35.05	47.003		
9,700.00	7,287.77	6,700.00	6,580.94	54.53	18.34	-0.42	589.37	2,175.50	1,739.01	1,703.85	35.16	49.453		
9,800.00	7,287.54	6,700.00	6,580.94	56.09	18.34	-0.42	589.37	2,175.50	1,830.79	1,795.41	35.39	51.739		
9,900.00	7,287.32	6,700.00	6,580.94	57.65	18.34	-0.42	589.37	2,175.50	1,923.39	1,887.80	35.59	54.040		
10,000.00	7,287.10	6,700.00	6,580.94	59.21	18.34	-0.42	589.37	2,175.50	2,016.70	1,980.91	35.79	56.354		
10,100.00	7,286.87	6,678.23	6,560.71	60.79	18.33	-0.25	587.33	2,183.30	2,110.13	2,074.25	35.88	58.804		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-6A-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,286.65	6,670.53	6,553.50	62.36	18.33	-0.19	586.61	2,185.89	2,204.19	2,168.16	36.03	61.171	
10,300.00	7,286.43	6,650.00	6,534.12	63.95	18.32	-0.03	584.66	2,192.37	2,298.83	2,262.69	36.13	63.624	
10,400.00	7,286.20	6,650.00	6,534.12	65.53	18.32	-0.03	584.66	2,192.37	2,393.50	2,357.20	36.30	65.941	
10,500.00	7,285.98	6,650.00	6,534.12	67.12	18.32	-0.03	584.66	2,192.37	2,488.59	2,452.14	36.46	68.258	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.20	-4.34	1,239.48	1,239.49				
100.00	100.00	101.00	99.00	3.28	3.28	90.20	-4.34	1,239.48	1,239.49	1,231.96	7.53	164.629	
200.00	200.00	201.00	199.00	3.31	3.31	90.20	-4.34	1,239.48	1,239.49	1,231.91	7.57	163.645	
204.64	204.64	203.64	203.64	3.31	3.31	90.20	-4.34	1,239.48	1,239.49	1,231.91	7.58	163.591	
300.00	300.00	286.38	286.38	3.35	3.34	90.19	-4.20	1,239.66	1,239.74	1,232.08	7.66	161.931	
400.00	399.98	360.60	360.58	3.41	3.39	23.41	-3.07	1,241.20	1,240.19	1,232.43	7.76	159.785	
500.00	499.84	434.82	434.69	3.50	3.45	23.38	-0.80	1,244.27	1,239.52	1,231.63	7.89	157.009	
600.00	599.45	509.03	508.68	3.61	3.52	23.36	2.62	1,248.89	1,237.73	1,229.67	8.06	153.619	
700.00	698.70	583.24	582.49	3.75	3.60	23.34	7.18	1,255.04	1,234.82	1,226.57	8.25	149.661	
800.00	797.47	657.46	656.09	3.91	3.70	23.32	12.87	1,262.73	1,230.78	1,222.31	8.48	145.192	
900.00	895.62	731.69	729.43	4.12	3.82	23.30	19.69	1,271.95	1,225.63	1,216.89	8.74	140.276	
1,000.00	993.32	805.98	802.49	4.36	3.95	23.23	27.65	1,282.71	1,220.45	1,211.42	9.03	135.150	
1,100.00	1,091.01	909.78	884.96	4.63	4.18	23.08	37.89	1,296.54	1,217.17	1,207.75	9.42	129.201	
1,200.00	1,188.69	1,009.90	982.64	4.93	4.43	22.90	50.27	1,313.27	1,214.28	1,204.43	9.86	123.200	
1,300.00	1,286.38	1,089.98	1,080.33	5.24	4.65	22.71	62.65	1,330.01	1,211.42	1,201.14	10.28	117.881	
1,400.00	1,384.06	1,189.86	1,178.01	5.57	4.94	22.52	75.04	1,346.74	1,208.56	1,197.79	10.77	112.239	
1,500.00	1,481.75	1,289.74	1,275.70	5.92	5.25	22.33	87.42	1,363.47	1,205.72	1,194.44	11.28	106.867	
1,600.00	1,579.44	1,389.61	1,373.39	6.27	5.57	22.14	99.80	1,380.21	1,202.89	1,191.07	11.82	101.793	
1,700.00	1,677.12	1,489.49	1,471.07	6.63	5.91	21.95	112.19	1,396.94	1,200.07	1,187.71	12.37	97.032	
1,800.00	1,774.81	1,589.37	1,568.76	7.01	6.25	21.76	124.57	1,413.67	1,197.27	1,184.34	12.93	92.569	
1,900.00	1,872.49	1,689.25	1,666.45	7.21	6.61	21.56	136.95	1,430.41	1,194.48	1,181.32	13.16	90.735	
2,000.00	1,970.18	1,789.13	1,764.13	7.26	6.97	21.37	149.34	1,447.14	1,191.71	1,178.23	13.48	88.401	
2,100.00	2,067.87	1,889.01	1,861.82	7.33	7.19	21.17	161.72	1,463.87	1,188.95	1,175.43	13.52	87.954	
2,200.00	2,165.55	1,988.89	1,959.50	7.42	7.25	20.98	174.10	1,480.61	1,186.20	1,172.59	13.61	87.150	
2,300.00	2,263.24	2,088.77	2,057.19	7.52	7.32	20.78	186.49	1,497.34	1,183.46	1,169.74	13.72	86.254	
2,400.00	2,360.92	2,188.65	2,154.88	7.64	7.40	20.58	198.87	1,514.07	1,180.74	1,166.88	13.86	85.177	
2,500.00	2,458.61	2,288.53	2,252.56	7.77	7.49	20.38	211.25	1,530.81	1,178.04	1,164.00	14.03	83.938	
2,600.00	2,556.30	2,388.41	2,350.25	7.92	7.61	20.18	223.64	1,547.54	1,175.35	1,161.11	14.24	82.557	
2,700.00	2,653.98	2,488.29	2,447.94	8.08	7.74	19.98	236.02	1,564.27	1,172.67	1,158.20	14.47	81.056	
2,800.00	2,751.67	2,588.17	2,545.62	8.26	7.88	19.78	248.40	1,581.01	1,170.01	1,155.28	14.72	79.458	
2,900.00	2,849.35	2,688.05	2,643.31	8.45	8.03	19.58	260.79	1,597.74	1,167.36	1,152.35	15.01	77.783	
3,000.00	2,947.04	2,787.93	2,740.99	8.65	8.20	19.38	273.17	1,614.47	1,164.73	1,149.41	15.31	76.051	
3,100.00	3,044.72	2,887.81	2,838.68	8.86	8.38	19.17	285.55	1,631.21	1,162.11	1,146.46	15.64	74.282	
3,200.00	3,142.41	2,987.69	2,936.37	9.08	8.58	18.97	297.94	1,647.94	1,159.51	1,143.51	16.00	72.491	
3,300.00	3,240.10	3,087.57	3,034.05	9.31	8.78	18.76	310.32	1,664.68	1,156.92	1,140.55	16.37	70.693	
3,400.00	3,337.78	3,187.45	3,131.74	9.55	8.99	18.56	322.70	1,681.41	1,154.34	1,137.59	16.75	68.900	
3,500.00	3,435.47	3,287.33	3,229.43	9.80	9.21	18.35	335.09	1,698.14	1,151.78	1,134.62	17.16	67.123	
3,600.00	3,533.15	3,387.21	3,327.11	10.05	9.44	18.14	347.47	1,714.88	1,149.24	1,131.66	17.58	65.370	
3,700.00	3,630.84	3,487.09	3,424.80	10.31	9.68	17.93	359.86	1,731.61	1,146.71	1,128.70	18.02	63.649	
3,800.00	3,728.53	3,586.97	3,522.48	10.58	9.93	17.72	372.24	1,748.34	1,144.20	1,125.73	18.47	61.964	
3,900.00	3,826.21	3,686.85	3,620.17	10.85	10.18	17.51	384.62	1,765.08	1,141.70	1,122.77	18.93	60.321	
4,000.00	3,923.90	3,786.73	3,717.86	11.13	10.44	17.30	397.01	1,781.81	1,139.22	1,119.82	19.40	58.722	
4,100.00	4,021.58	3,886.61	3,815.54	11.42	10.70	17.08	409.39	1,798.54	1,136.75	1,116.87	19.88	57.168	
4,200.00	4,119.27	3,986.49	3,913.23	11.70	10.97	16.87	421.77	1,815.28	1,134.30	1,113.93	20.38	55.663	
4,300.00	4,216.96	4,086.37	4,010.92	12.00	11.24	16.65	434.16	1,832.01	1,131.87	1,110.99	20.88	54.206	
4,400.00	4,314.64	4,186.25	4,108.60	12.29	11.52	16.44	446.54	1,848.74	1,129.45	1,108.06	21.39	52.797	
4,500.00	4,412.33	4,286.13	4,206.29	12.59	11.81	16.22	458.92	1,865.48	1,127.05	1,105.14	21.91	51.436	
4,600.00	4,510.01	4,386.01	4,303.97	12.90	12.09	16.00	471.31	1,882.21	1,124.66	1,102.23	22.44	50.122	
4,700.00	4,607.70	4,485.89	4,401.66	13.21	12.39	15.78	483.69	1,898.94	1,122.30	1,099.32	22.97	48.855	
4,800.00	4,705.39	4,585.77	4,499.35	13.52	12.68	15.56	496.07	1,915.68	1,119.94	1,096.43	23.51	47.634	
4,900.00	4,803.07	4,685.65	4,597.03	13.83	12.98	15.34	508.46	1,932.41	1,117.61	1,093.55	24.06	46.457	
5,000.00	4,900.76	4,785.53	4,694.72	14.14	13.28	15.12	520.84	1,949.15	1,115.29	1,090.68	24.61	45.323	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	4,885.41	4,792.41	14.46	13.58	14.90	533.22	1,965.88	1,112.98	1,087.82	25.16	44.230		
5,200.00	5,096.13	4,985.28	4,890.09	14.78	13.89	14.68	545.61	1,982.61	1,110.70	1,084.97	25.72	43.177		
5,300.00	5,193.82	5,085.16	4,987.78	15.11	14.20	14.45	557.99	1,999.35	1,108.43	1,082.14	26.29	42.162		
5,400.00	5,291.50	5,185.04	5,085.46	15.43	14.51	14.23	570.37	2,016.08	1,106.18	1,079.32	26.86	41.185		
5,500.00	5,389.19	5,284.92	5,183.15	15.76	14.83	14.00	582.76	2,032.81	1,103.94	1,076.51	27.43	40.243		
5,600.00	5,486.87	5,384.80	5,280.84	16.09	15.14	13.77	595.14	2,049.55	1,101.72	1,073.72	28.01	39.335		
5,700.00	5,584.56	5,484.68	5,378.52	16.42	15.46	13.55	607.52	2,066.28	1,099.52	1,070.94	28.59	38.460		
5,800.00	5,682.25	5,584.56	5,476.21	16.75	15.78	13.32	619.91	2,083.01	1,097.34	1,068.17	29.17	37.616		
5,900.00	5,779.93	5,684.44	5,573.89	17.08	16.10	13.09	632.29	2,099.75	1,095.18	1,065.42	29.76	36.802		
6,000.00	5,877.62	5,784.32	5,671.58	17.42	16.42	12.86	644.67	2,116.48	1,093.03	1,062.68	30.35	36.017		
6,100.00	5,975.30	5,884.20	5,769.27	17.75	16.75	12.62	657.06	2,133.21	1,090.90	1,059.96	30.94	35.259		
6,200.00	6,072.99	8,147.40	7,092.11	18.09	23.65	-107.17	833.04	1,068.77	1,082.49	1,052.51	29.98	36.109		
6,300.00	6,170.67	8,124.80	7,092.80	18.43	23.42	-104.43	832.98	1,091.36	988.46	958.23	30.23	32.694		
6,400.00	6,268.36	8,102.20	7,093.48	18.77	23.20	-101.45	832.92	1,113.95	895.17	864.63	30.54	29.311		
6,500.00	6,366.05	8,079.60	7,094.17	19.11	22.99	-98.24	832.87	1,136.54	802.85	771.91	30.93	25.953		
6,600.00	6,463.73	8,057.00	7,094.86	19.45	22.78	-94.78	832.81	1,159.13	711.88	680.44	31.44	22.640		
6,700.00	6,561.42	8,034.40	7,095.55	19.79	22.57	-91.08	832.75	1,181.72	622.87	590.75	32.13	19.388		
6,800.00	6,659.10	8,011.80	7,096.24	20.13	22.37	-87.14	832.70	1,204.31	536.79	503.70	33.09	16.223		
6,900.00	6,756.79	7,989.20	7,096.93	20.48	22.17	-82.98	832.64	1,226.90	455.30	420.80	34.50	13.198		
7,000.00	6,853.49	7,962.51	7,097.75	20.85	21.95	-92.48	832.57	1,253.57	382.10	345.56	36.54	10.458		
7,100.00	6,945.46	7,921.61	7,098.99	21.34	21.61	-96.33	832.47	1,294.46	323.96	284.80	39.17	8.272		
7,200.00	7,030.35	7,866.96	7,100.66	21.94	21.19	-93.28	832.33	1,349.08	285.99	244.08	41.91	6.824		
7,300.00	7,106.06	7,800.10	7,102.71	22.66	20.71	-85.80	832.16	1,416.11	269.85	226.10	43.76	6.167		
7,336.92	7,131.32	7,772.32	7,103.55	22.97	20.54	-82.36	832.09	1,443.68	268.75	224.64	44.12	6.092 CC, ES, SF		
7,400.00	7,170.73	7,722.08	7,105.08	23.49	20.24	-76.18	831.97	1,493.89	271.38	227.09	44.29	6.128		
7,500.00	7,222.77	7,635.43	7,107.72	24.43	19.81	-66.97	831.75	1,580.51	282.33	238.34	43.99	6.418		
7,600.00	7,260.89	7,555.33	7,106.25	25.45	19.54	-60.00	831.05	1,660.54	296.59	253.06	43.53	6.813		
7,700.00	7,284.16	7,479.09	7,095.67	26.55	19.37	-53.99	829.21	1,735.98	313.09	270.08	43.01	7.279		
7,800.00	7,292.01	7,405.08	7,076.92	27.69	19.27	-48.87	826.35	1,807.46	330.21	287.62	42.58	7.755		
7,900.00	7,291.78	7,334.90	7,051.65	28.86	19.23	-45.19	822.70	1,872.80	351.36	309.24	42.12	8.343		
8,000.00	7,291.56	7,271.09	7,022.60	30.07	19.23	-41.39	818.63	1,929.44	381.65	340.19	41.46	9.206		
8,100.00	7,291.34	7,213.92	6,991.92	31.33	19.25	-37.80	814.39	1,977.46	421.19	380.44	40.75	10.337		
8,200.00	7,291.11	7,163.20	6,961.20	32.62	19.27	-34.60	810.21	2,017.60	469.40	429.30	40.09	11.708		
8,300.00	7,290.89	7,118.42	6,931.53	33.95	19.29	-31.85	806.20	2,050.88	525.30	485.74	39.56	13.279		
8,400.00	7,290.67	7,078.98	6,903.53	35.30	19.31	-29.51	802.45	2,078.40	587.77	548.61	39.15	15.012		
8,500.00	7,290.44	7,050.00	6,881.91	36.69	19.32	-27.87	799.56	2,097.47	655.78	616.83	38.95	16.836		
8,600.00	7,290.22	7,013.55	6,853.52	38.09	19.33	-25.89	795.78	2,120.01	728.25	689.57	38.68	18.829		
8,700.00	7,290.00	6,986.39	6,831.56	39.51	19.34	-24.49	792.87	2,135.73	804.53	765.97	38.56	20.866		
8,800.00	7,289.78	6,962.25	6,811.51	40.96	19.34	-23.31	790.23	2,148.89	883.91	845.41	38.49	22.964		
8,900.00	7,289.55	6,950.00	6,801.14	42.42	19.34	-22.72	788.86	2,155.27	965.97	927.41	38.56	25.051		
9,000.00	7,289.33	6,921.45	6,776.52	43.89	19.34	-21.42	785.62	2,169.36	1,049.98	1,011.52	38.46	27.301		
9,100.00	7,289.11	6,900.00	6,757.63	45.38	19.34	-20.48	783.14	2,179.21	1,135.92	1,097.48	38.44	29.549		
9,200.00	7,288.88	6,900.00	6,757.63	46.88	19.34	-20.48	783.14	2,179.21	1,223.52	1,184.91	38.61	31.688		
9,300.00	7,288.66	6,874.29	6,734.56	48.39	19.33	-19.42	780.12	2,190.15	1,312.12	1,273.57	38.55	34.033		
9,400.00	7,288.44	6,850.00	6,712.38	49.91	19.32	-18.46	777.23	2,199.62	1,402.15	1,363.63	38.52	36.402		
9,500.00	7,288.21	6,850.00	6,712.38	51.44	19.32	-18.46	777.23	2,199.62	1,492.85	1,454.18	38.67	38.608		
9,600.00	7,287.99	6,850.00	6,712.38	52.98	19.32	-18.46	777.23	2,199.62	1,584.67	1,545.87	38.80	40.838		
9,700.00	7,287.77	6,828.95	6,692.89	54.53	19.31	-17.67	774.68	2,207.13	1,676.95	1,638.16	38.79	43.231		
9,800.00	7,287.54	6,819.83	6,684.36	56.09	19.31	-17.34	773.57	2,210.19	1,770.01	1,731.15	38.86	45.549		
9,900.00	7,287.32	6,800.00	6,665.69	57.65	19.30	-16.64	771.15	2,216.39	1,863.76	1,824.90	38.86	47.958		
10,000.00	7,287.10	6,800.00	6,665.69	59.21	19.30	-16.64	771.15	2,216.39	1,957.76	1,918.77	38.98	50.219		
10,100.00	7,286.87	6,800.00	6,665.69	60.79	19.30	-16.64	771.15	2,216.39	2,052.32	2,013.22	39.10	52.486		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,286.65	6,800.00	6,665.69	62.36	19.30	-16.64	771.15	2,216.39	2,147.38	2,108.16	39.22	54.756	
10,300.00	7,286.43	6,800.00	6,665.69	63.95	19.30	-16.64	771.15	2,216.39	2,242.87	2,203.54	39.33	57.029	
10,400.00	7,286.20	6,777.39	6,644.17	65.53	19.28	-15.89	768.35	2,222.76	2,338.22	2,298.91	39.32	59.471	
10,500.00	7,285.98	6,771.86	6,638.88	67.12	19.27	-15.71	767.67	2,224.19	2,434.15	2,394.75	39.40	61.782	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.21	-4.70	1,259.52	1,259.53				
100.00	100.00	101.00	99.00	3.28	3.28	90.21	-4.70	1,259.52	1,259.53	1,252.00	7.53	167.292	
200.00	200.00	201.00	199.00	3.31	3.31	90.21	-4.70	1,259.52	1,259.53	1,251.96	7.57	166.292	
204.64	204.64	203.64	203.64	3.31	3.31	90.21	-4.70	1,259.52	1,259.53	1,251.96	7.58	166.237	
300.00	300.00	287.03	287.03	3.35	3.34	90.21	-4.54	1,259.70	1,259.77	1,252.11	7.66	164.538	
400.00	399.98	362.57	362.55	3.41	3.39	23.42	-3.21	1,261.16	1,260.09	1,252.32	7.76	162.307	
500.00	499.84	438.10	437.97	3.50	3.45	23.37	-0.53	1,264.08	1,259.14	1,251.25	7.90	159.405	
600.00	599.45	513.61	513.24	3.61	3.52	23.33	3.48	1,268.47	1,256.94	1,248.88	8.07	155.851	
700.00	698.70	589.10	588.31	3.75	3.61	23.28	8.83	1,274.32	1,253.48	1,245.22	8.26	151.702	
800.00	797.47	664.57	663.12	3.91	3.71	23.22	15.51	1,281.62	1,248.77	1,240.28	8.49	147.008	
900.00	895.62	740.02	737.63	4.12	3.83	23.16	23.52	1,290.37	1,242.81	1,234.05	8.76	141.842	
1,000.00	993.32	815.49	811.82	4.36	3.97	23.03	32.85	1,300.57	1,236.69	1,227.63	9.06	136.449	
1,100.00	1,091.01	890.98	885.64	4.63	4.13	22.83	43.50	1,312.21	1,232.50	1,223.10	9.40	131.169	
1,200.00	1,188.69	988.61	980.79	4.93	4.38	22.53	58.26	1,328.35	1,229.49	1,219.66	9.83	125.090	
1,300.00	1,286.38	1,088.34	1,077.98	5.24	4.66	22.21	73.35	1,344.84	1,226.52	1,216.22	10.30	119.059	
1,400.00	1,384.06	1,188.06	1,175.18	5.57	4.96	21.90	88.43	1,361.33	1,223.58	1,212.78	10.80	113.257	
1,500.00	1,481.75	1,287.79	1,272.37	5.92	5.28	21.58	103.52	1,377.82	1,220.69	1,209.36	11.33	107.740	
1,600.00	1,579.44	1,387.52	1,369.56	6.27	5.61	21.26	118.60	1,394.31	1,217.83	1,205.95	11.88	102.538	
1,700.00	1,677.12	1,487.25	1,466.75	6.63	5.96	20.94	133.69	1,410.80	1,215.01	1,202.57	12.44	97.672	
1,800.00	1,774.81	1,586.98	1,563.94	7.01	6.32	20.62	148.77	1,427.29	1,212.23	1,199.21	13.02	93.117	
1,900.00	1,872.49	1,686.70	1,661.13	7.21	6.69	20.30	163.86	1,443.78	1,209.49	1,196.23	13.26	91.202	
2,000.00	1,970.18	1,786.43	1,758.32	7.26	7.07	19.97	178.95	1,460.27	1,206.78	1,193.19	13.59	88.795	
2,100.00	2,067.87	1,886.16	1,855.51	7.33	7.30	19.64	194.03	1,476.76	1,204.12	1,190.48	13.64	88.287	
2,200.00	2,165.55	1,985.89	1,952.71	7.42	7.38	19.32	209.12	1,493.25	1,201.49	1,187.76	13.74	87.466	
2,300.00	2,263.24	2,085.62	2,049.90	7.52	7.44	18.99	224.20	1,509.74	1,198.91	1,185.06	13.85	86.587	
2,400.00	2,360.92	2,185.34	2,147.09	7.64	7.53	18.66	239.29	1,526.23	1,196.36	1,182.37	13.99	85.527	
2,500.00	2,458.61	2,285.07	2,244.28	7.77	7.63	18.33	254.37	1,542.72	1,193.86	1,179.69	14.16	84.304	
2,600.00	2,556.30	2,384.80	2,341.47	7.92	7.75	17.99	269.46	1,559.21	1,191.39	1,177.02	14.36	82.939	
2,700.00	2,653.98	2,484.53	2,438.66	8.08	7.89	17.66	284.54	1,575.70	1,188.96	1,174.37	14.60	81.455	
2,800.00	2,751.67	2,584.25	2,535.85	8.26	8.04	17.32	299.63	1,592.19	1,186.58	1,171.72	14.86	79.873	
2,900.00	2,849.35	2,683.98	2,633.05	8.45	8.20	16.99	314.71	1,608.68	1,184.24	1,169.10	15.14	78.215	
3,000.00	2,947.04	2,783.71	2,730.24	8.65	8.38	16.65	329.80	1,625.17	1,181.94	1,166.49	15.45	76.501	
3,100.00	3,044.72	2,883.44	2,827.43	8.86	8.57	16.31	344.88	1,641.66	1,179.68	1,163.89	15.78	74.748	
3,200.00	3,142.41	2,983.17	2,924.62	9.08	8.77	15.97	359.97	1,658.15	1,177.46	1,161.32	16.14	72.975	
3,300.00	3,240.10	3,082.89	3,021.81	9.31	8.98	15.62	375.05	1,674.64	1,175.28	1,158.77	16.51	71.194	
3,400.00	3,337.78	3,182.62	3,119.00	9.55	9.20	15.28	390.14	1,691.13	1,173.15	1,156.25	16.90	69.419	
3,500.00	3,435.47	3,282.35	3,216.19	9.80	9.43	14.94	405.22	1,707.62	1,171.06	1,153.75	17.31	67.660	
3,600.00	3,533.15	3,382.08	3,313.39	10.05	9.67	14.59	420.31	1,724.11	1,169.01	1,151.27	17.73	65.925	
3,700.00	3,630.84	3,481.80	3,410.58	10.31	9.92	14.24	435.40	1,740.60	1,167.00	1,148.83	18.17	64.222	
3,800.00	3,728.53	3,581.53	3,507.77	10.58	10.17	13.89	450.48	1,757.09	1,165.04	1,146.42	18.62	62.556	
3,900.00	3,826.21	3,681.26	3,604.96	10.85	10.43	13.54	465.57	1,773.58	1,163.12	1,144.03	19.09	60.931	
4,000.00	3,923.90	3,780.99	3,702.15	11.13	10.70	13.19	480.65	1,790.07	1,161.24	1,141.68	19.57	59.351	
4,100.00	4,021.58	3,880.72	3,799.34	11.42	10.97	12.84	495.74	1,806.56	1,159.41	1,139.36	20.05	57.816	
4,200.00	4,119.27	3,980.44	3,896.53	11.70	11.25	12.49	510.82	1,823.05	1,157.63	1,137.07	20.55	56.329	
4,300.00	4,216.96	4,080.17	3,993.72	12.00	11.54	12.13	525.91	1,839.54	1,155.88	1,134.82	21.06	54.891	
4,400.00	4,314.64	4,179.90	4,090.92	12.29	11.83	11.78	540.99	1,856.03	1,154.18	1,132.61	21.57	53.501	
4,500.00	4,412.33	4,279.63	4,188.11	12.59	12.12	11.42	556.08	1,872.52	1,152.53	1,130.43	22.10	52.159	
4,600.00	4,510.01	4,379.36	4,285.30	12.90	12.42	11.07	571.16	1,889.01	1,150.92	1,128.29	22.63	50.864	
4,700.00	4,607.70	4,479.08	4,382.49	13.21	12.72	10.71	586.25	1,905.50	1,149.36	1,126.19	23.16	49.616	
4,800.00	4,705.39	4,578.81	4,479.68	13.52	13.02	10.35	601.33	1,921.99	1,147.84	1,124.13	23.71	48.414	
4,900.00	4,803.07	4,678.54	4,576.87	13.83	13.33	9.99	616.42	1,938.48	1,146.36	1,122.10	24.26	47.255	
5,000.00	4,900.76	4,778.27	4,674.06	14.14	13.64	9.63	631.50	1,954.96	1,144.94	1,120.12	24.81	46.140	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	4,877.99	4,771.26	14.46	13.96	9.27	646.59	1,971.45	1,143.55	1,118.18	25.38	45.065		
5,200.00	5,096.13	4,977.72	4,868.45	14.78	14.27	8.90	661.67	1,987.94	1,142.22	1,116.28	25.94	44.031		
5,300.00	5,193.82	5,077.45	4,965.64	15.11	14.59	8.54	676.76	2,004.43	1,140.93	1,114.42	26.51	43.035		
5,400.00	5,291.50	5,177.18	5,062.83	15.43	14.91	8.18	691.84	2,020.92	1,139.68	1,112.60	27.09	42.077		
5,500.00	5,389.19	5,276.91	5,160.02	15.76	15.24	7.81	706.93	2,037.41	1,138.49	1,110.82	27.66	41.153		
5,600.00	5,486.87	5,376.63	5,257.21	16.09	15.56	7.45	722.02	2,053.90	1,137.33	1,109.09	28.25	40.264		
5,700.00	5,584.56	5,476.36	5,354.40	16.42	15.89	7.08	737.10	2,070.39	1,136.23	1,107.40	28.83	39.407		
5,800.00	5,682.25	5,576.09	5,451.59	16.75	16.22	6.71	752.19	2,086.88	1,135.17	1,105.75	29.42	38.582		
5,900.00	5,779.93	5,675.82	5,548.79	17.08	16.55	6.34	767.27	2,103.37	1,134.16	1,104.15	30.02	37.786		
6,000.00	5,877.62	5,775.54	5,645.98	17.42	16.89	5.98	782.36	2,119.86	1,133.20	1,102.59	30.61	37.020		
6,100.00	5,975.30	5,875.27	5,743.17	17.75	17.22	5.61	797.44	2,136.35	1,132.28	1,101.07	31.21	36.280		
6,200.00	6,072.99	5,975.00	5,840.36	18.09	17.56	5.24	812.53	2,152.84	1,131.41	1,099.60	31.81	35.567		
6,300.00	6,170.67	6,074.73	5,937.55	18.43	17.89	4.87	827.61	2,169.33	1,130.59	1,098.18	32.41	34.879		
6,400.00	6,268.36	6,215.66	7,162.72	18.77	23.96	-90.14	1,035.43	1,115.58	1,049.15	1,017.23	31.92	32.871		
6,500.00	6,366.05	8,206.93	7,163.42	19.11	23.88	-87.85	1,035.22	1,138.15	962.77	930.19	32.59	29.545		
6,600.00	6,463.73	8,170.49	7,164.11	19.45	23.54	-85.49	1,035.01	1,160.72	878.72	845.48	33.24	26.436		
6,700.00	6,561.42	8,147.90	7,164.81	19.79	23.33	-83.06	1,034.81	1,183.30	797.71	763.55	34.15	23.356		
6,800.00	6,659.10	8,125.32	7,165.51	20.13	23.12	-80.56	1,034.60	1,205.87	720.77	685.47	35.30	20.419		
6,900.00	6,756.79	8,102.73	7,166.21	20.48	22.91	-78.00	1,034.40	1,228.44	649.35	612.62	36.72	17.683		
7,000.00	6,853.49	8,076.06	7,167.03	20.85	22.69	-88.01	1,034.15	1,255.10	586.08	547.65	38.44	15.248		
7,100.00	6,945.46	8,035.18	7,168.30	21.34	22.35	-93.71	1,033.78	1,295.96	535.09	494.80	40.29	13.282		
7,200.00	7,030.35	7,980.54	7,169.99	21.94	21.91	-94.29	1,033.28	1,350.57	498.17	456.09	42.08	11.839		
7,300.00	7,106.06	7,913.50	7,172.06	22.66	21.43	-91.88	1,032.67	1,417.58	475.10	431.50	43.60	10.897		
7,400.00	7,170.73	7,835.70	7,174.47	23.49	20.94	-87.85	1,031.96	1,495.34	463.59	418.84	44.75	10.359		
7,500.00	7,222.77	7,749.06	7,177.15	24.43	20.51	-83.40	1,031.17	1,581.93	459.87	414.29	45.58	10.090		
7,543.79	7,241.24	7,708.68	7,178.27	24.88	20.37	-81.58	1,030.79	1,622.29	459.63	413.75	45.88	10.018 CC		
7,600.00	7,260.89	7,656.79	7,176.74	25.45	20.24	-79.26	1,029.82	1,674.13	459.95	413.70	46.25	9.945 ES		
7,700.00	7,284.16	7,568.12	7,164.52	26.55	20.13	-75.19	1,026.67	1,761.83	461.94	415.04	46.90	9.848		
7,800.00	7,292.01	7,483.35	7,141.70	27.69	20.12	-71.27	1,021.93	1,843.26	465.38	417.85	47.53	9.791 SF		
7,900.00	7,291.78	7,404.32	7,110.96	28.86	20.15	-67.48	1,016.07	1,915.78	472.01	423.93	48.08	9.817		
8,000.00	7,291.56	7,334.07	7,076.36	30.07	20.20	-63.35	1,009.77	1,976.55	485.45	437.04	48.41	10.028		
8,100.00	7,291.34	7,272.65	7,040.85	31.33	20.24	-59.29	1,003.48	2,026.24	507.45	459.00	48.45	10.474		
8,200.00	7,291.11	7,219.42	7,006.36	32.62	20.27	-55.54	997.48	2,066.32	538.88	490.66	48.22	11.176		
8,300.00	7,290.89	7,173.47	6,974.00	33.95	20.29	-52.23	991.93	2,098.47	579.72	531.94	47.79	12.131		
8,400.00	7,290.67	7,133.78	6,944.28	35.30	20.30	-49.35	986.89	2,124.26	629.28	582.03	47.25	13.318		
8,500.00	7,290.44	7,100.00	6,917.76	36.69	20.31	-46.92	982.42	2,144.70	686.49	639.79	46.69	14.702		
8,600.00	7,290.22	7,069.52	6,892.95	38.09	20.31	-44.77	978.27	2,161.90	750.19	704.05	46.14	16.259		
8,700.00	7,290.00	7,050.00	6,876.64	39.51	20.31	-43.42	975.56	2,172.27	819.35	773.61	45.74	17.915		
8,800.00	7,289.78	7,020.45	6,851.37	40.96	20.31	-41.41	971.37	2,187.00	892.86	847.65	45.21	19.749		
8,900.00	7,289.55	7,000.00	6,833.49	42.42	20.30	-40.06	968.42	2,196.49	970.10	925.26	44.83	21.638		
9,000.00	7,289.33	6,982.18	6,817.68	43.89	20.29	-38.91	965.82	2,204.28	1,050.36	1,005.84	44.51	23.596		
9,100.00	7,289.11	6,966.11	6,803.24	45.38	20.29	-37.89	963.45	2,210.92	1,133.12	1,088.88	44.24	25.611		
9,200.00	7,288.88	6,950.00	6,788.60	46.88	20.28	-36.90	961.06	2,217.20	1,217.97	1,173.98	44.00	27.682		
9,300.00	7,288.66	6,950.00	6,788.60	48.39	20.28	-36.90	961.06	2,217.20	1,304.71	1,260.78	43.93	29.696		
9,400.00	7,288.44	6,926.94	6,767.38	49.91	20.26	-35.51	957.60	2,225.53	1,392.64	1,348.97	43.66	31.894		
9,500.00	7,288.21	6,916.26	6,757.45	51.44	20.26	-34.88	955.98	2,229.13	1,481.96	1,438.43	43.53	34.042		
9,600.00	7,287.99	6,900.00	6,742.23	52.98	20.24	-33.95	953.51	2,234.27	1,572.40	1,529.03	43.37	36.256		
9,700.00	7,287.77	6,900.00	6,742.23	54.53	20.24	-33.95	953.51	2,234.27	1,663.68	1,620.32	43.36	38.372		
9,800.00	7,287.54	6,900.00	6,742.23	56.09	20.24	-33.95	953.51	2,234.27	1,755.91	1,712.56	43.35	40.505		
9,900.00	7,287.32	6,881.83	6,725.07	57.65	20.22	-32.94	950.73	2,239.56	1,848.60	1,805.40	43.21	42.783		
10,000.00	7,287.10	6,874.85	6,718.43	59.21	20.22	-32.55	949.66	2,241.46	1,942.03	1,898.86	43.17	44.989		
10,100.00	7,286.87	6,868.38	6,712.27	60.79	20.21	-32.21	948.66	2,243.15	2,035.99	1,992.85	43.14	47.199		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 12N-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,286.65	6,850.00	6,694.67	62.36	20.19	-31.23	945.83	2,247.61	2,130.57	2,087.54	43.03	49.514	
10,300.00	7,286.43	6,850.00	6,694.67	63.95	20.19	-31.23	945.83	2,247.61	2,225.32	2,182.26	43.06	51.680	
10,400.00	7,286.20	6,850.00	6,694.67	65.53	20.19	-31.23	945.83	2,247.61	2,320.51	2,277.41	43.09	53.848	
10,500.00	7,285.98	6,850.00	6,694.67	67.12	20.19	-31.23	945.83	2,247.61	2,416.08	2,372.95	43.13	56.017	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 13C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	90.18	-3.62	1,139.53	1,139.54				
100.00	100.00	102.00	98.00	3.28	3.28	90.18	-3.62	1,139.53	1,139.54	1,132.01	7.53	151.351	
200.00	200.00	202.00	198.00	3.31	3.31	90.18	-3.62	1,139.53	1,139.54	1,131.96	7.57	150.442	
300.00	300.00	302.00	298.00	3.35	3.35	90.18	-3.62	1,139.53	1,139.54	1,131.87	7.67	148.666	
400.00	399.98	402.02	397.98	3.41	3.42	23.48	-3.62	1,139.53	1,137.93	1,130.14	7.80	145.950	
500.00	499.84	502.16	497.84	3.50	3.51	23.62	-3.62	1,139.53	1,133.14	1,125.17	7.97	142.180	
600.00	599.45	602.55	597.45	3.61	3.61	23.87	-3.62	1,139.53	1,125.15	1,116.97	8.18	137.476	
700.00	698.70	703.30	696.70	3.75	3.74	24.21	-3.62	1,139.53	1,114.01	1,105.57	8.44	132.006	
800.00	797.47	795.47	795.47	3.91	3.87	24.66	-3.62	1,139.53	1,099.74	1,091.02	8.72	126.119	
900.00	895.62	867.94	867.93	4.12	3.97	25.11	-3.64	1,140.34	1,083.49	1,074.50	8.99	120.503	
1,000.00	993.32	939.43	939.38	4.36	4.07	25.49	-3.73	1,142.92	1,067.70	1,058.42	9.28	115.048	
1,100.00	1,091.01	1,011.45	1,011.26	4.63	4.18	25.85	-3.89	1,147.33	1,054.41	1,044.82	9.58	110.013	
1,200.00	1,188.69	1,083.91	1,083.44	4.93	4.31	26.22	-4.11	1,153.58	1,043.68	1,033.77	9.91	105.293	
1,300.00	1,286.38	1,156.73	1,155.81	5.24	4.44	26.60	-4.39	1,161.70	1,035.56	1,025.30	10.26	100.924	
1,400.00	1,384.06	1,229.81	1,228.20	5.57	4.58	26.98	-4.74	1,171.69	1,030.04	1,019.42	10.63	96.925	
1,500.00	1,481.75	1,303.06	1,300.48	5.92	4.74	27.36	-5.15	1,183.56	1,027.15	1,016.14	11.01	93.299	
1,600.00	1,579.44	1,404.51	1,391.39	6.27	4.98	27.83	-5.73	1,200.26	1,026.22	1,014.73	11.49	89.338	
1,700.00	1,677.12	1,495.07	1,489.31	6.63	5.22	28.34	-6.36	1,218.33	1,025.45	1,013.48	11.97	85.668	
1,800.00	1,774.81	1,605.36	1,587.23	7.01	5.52	28.85	-6.99	1,236.40	1,024.77	1,012.26	12.51	81.884	
1,900.00	1,872.49	1,705.78	1,685.15	7.21	5.81	29.36	-7.62	1,254.46	1,024.18	1,011.47	12.70	80.627	
2,000.00	1,970.18	1,806.21	1,783.07	7.26	6.11	29.88	-8.25	1,272.53	1,023.66	1,010.69	12.97	78.924	
2,100.00	2,067.87	1,906.63	1,880.99	7.33	6.26	30.39	-8.89	1,290.60	1,023.23	1,010.26	12.97	78.912	
2,200.00	2,165.55	2,007.06	1,978.91	7.42	6.30	30.90	-9.52	1,308.66	1,022.88	1,009.83	13.05	78.363	
2,300.00	2,263.24	2,107.48	2,076.83	7.52	6.36	31.42	-10.15	1,326.73	1,022.61	1,009.44	13.17	77.625	
2,400.00	2,360.92	2,192.09	2,174.75	7.64	6.42	31.93	-10.78	1,344.80	1,022.43	1,009.11	13.32	76.770	
2,500.00	2,458.61	2,308.33	2,272.67	7.77	6.53	32.44	-11.41	1,362.86	1,022.33	1,008.82	13.51	75.653	
2,571.00	2,527.97	2,362.36	2,342.19	7.88	6.59	32.81	-11.85	1,375.69	1,022.31	1,008.66	13.65	74.884	
2,600.00	2,556.30	2,408.76	2,370.59	7.92	6.64	32.96	-12.04	1,380.93	1,022.31	1,008.58	13.73	74.457	
2,700.00	2,653.98	2,509.18	2,468.51	8.08	6.76	33.47	-12.67	1,399.00	1,022.38	1,008.40	13.98	73.150	
2,800.00	2,751.67	2,609.61	2,566.43	8.26	6.91	33.99	-13.30	1,417.06	1,022.53	1,008.28	14.25	71.752	
2,900.00	2,849.35	2,689.97	2,664.35	8.45	7.03	34.50	-13.93	1,435.13	1,022.76	1,008.23	14.53	70.413	
3,000.00	2,947.04	2,789.54	2,762.27	8.65	7.20	35.01	-14.56	1,453.20	1,023.07	1,008.23	14.85	68.908	
3,100.00	3,044.72	2,889.11	2,860.19	8.86	7.37	35.53	-15.19	1,471.26	1,023.47	1,008.28	15.19	67.368	
3,200.00	3,142.41	2,988.69	2,958.11	9.08	7.56	36.04	-15.82	1,489.33	1,023.95	1,008.39	15.56	65.810	
3,300.00	3,240.10	3,088.26	3,056.03	9.31	7.77	36.55	-16.45	1,507.40	1,024.51	1,008.57	15.95	64.247	
3,400.00	3,337.78	3,187.84	3,153.95	9.55	7.98	37.06	-17.08	1,525.46	1,025.16	1,008.81	16.35	62.690	
3,500.00	3,435.47	3,287.41	3,251.87	9.80	8.20	37.58	-17.71	1,543.53	1,025.89	1,009.11	16.78	61.153	
3,600.00	3,533.15	3,386.99	3,349.79	10.05	8.43	38.09	-18.34	1,561.60	1,026.70	1,009.48	17.22	59.635	
3,700.00	3,630.84	3,486.56	3,447.71	10.31	8.66	38.59	-18.97	1,579.66	1,027.59	1,009.92	17.67	58.149	
3,800.00	3,728.53	3,586.14	3,545.63	10.58	8.91	39.10	-19.60	1,597.73	1,028.56	1,010.42	18.14	56.698	
3,900.00	3,826.21	3,685.71	3,643.55	10.85	9.16	39.61	-20.23	1,615.80	1,029.62	1,010.99	18.62	55.285	
4,000.00	3,923.90	3,785.29	3,741.47	11.13	9.41	40.12	-20.86	1,633.86	1,030.75	1,011.63	19.12	53.914	
4,100.00	4,021.58	3,884.86	3,839.39	11.42	9.68	40.62	-21.49	1,651.93	1,031.97	1,012.34	19.62	52.586	
4,200.00	4,119.27	3,984.44	3,937.31	11.70	9.94	41.13	-22.12	1,670.00	1,033.27	1,013.13	20.14	51.302	
4,300.00	4,216.96	4,084.01	4,035.23	12.00	10.22	41.63	-22.75	1,688.06	1,034.65	1,013.98	20.67	50.063	
4,400.00	4,314.64	4,183.59	4,133.15	12.29	10.49	42.13	-23.38	1,706.13	1,036.10	1,014.90	21.20	48.867	
4,500.00	4,412.33	4,283.16	4,231.07	12.59	10.77	42.63	-24.01	1,724.20	1,037.64	1,015.90	21.75	47.716	
4,600.00	4,510.01	4,382.74	4,328.99	12.90	11.06	43.13	-24.64	1,742.26	1,039.26	1,016.96	22.30	46.608	
4,700.00	4,607.70	4,482.31	4,426.91	13.21	11.35	43.63	-25.27	1,760.33	1,040.96	1,018.10	22.86	45.541	
4,800.00	4,705.39	4,581.88	4,524.83	13.52	11.64	44.12	-25.90	1,778.40	1,042.73	1,019.31	23.42	44.516	
4,900.00	4,803.07	4,681.46	4,622.75	13.83	11.93	44.61	-26.53	1,796.46	1,044.59	1,020.59	24.00	43.531	
5,000.00	4,900.76	4,781.03	4,720.67	14.14	12.23	45.11	-27.16	1,814.53	1,046.52	1,021.94	24.58	42.583	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	4,998.44	4,880.61	4,818.59	14.46	12.53	45.60	-27.79	1,832.60	1,048.53	1,023.37	25.16	41.673	
5,200.00	5,096.13	4,980.18	4,916.51	14.78	12.83	46.08	-28.42	1,850.66	1,050.61	1,024.86	25.75	40.799	
5,300.00	5,193.82	5,079.76	5,014.43	15.11	13.14	46.57	-29.05	1,868.73	1,052.77	1,026.43	26.35	39.959	
5,400.00	5,291.50	5,179.33	5,112.35	15.43	13.44	47.05	-29.68	1,886.80	1,055.01	1,028.07	26.95	39.152	
5,500.00	5,389.19	5,278.91	5,210.27	15.76	13.75	47.54	-30.31	1,904.86	1,057.33	1,029.77	27.55	38.376	
5,600.00	5,486.87	5,378.48	5,308.19	16.09	14.06	48.02	-30.94	1,922.93	1,059.71	1,031.55	28.16	37.630	
5,700.00	5,584.56	5,478.06	5,406.11	16.42	14.37	48.49	-31.57	1,941.00	1,062.18	1,033.40	28.77	36.913	
5,800.00	5,682.25	5,577.63	5,504.03	16.75	14.69	48.97	-32.20	1,959.06	1,064.72	1,035.32	29.39	36.224	
5,900.00	5,779.93	5,677.21	5,601.95	17.08	15.00	49.44	-32.83	1,977.13	1,067.33	1,037.31	30.01	35.561	
6,000.00	5,877.62	5,776.78	5,699.87	17.42	15.32	49.91	-33.46	1,995.20	1,070.01	1,039.37	30.64	34.923	
6,100.00	5,975.30	5,876.36	5,797.79	17.75	15.64	50.38	-34.09	2,013.26	1,072.77	1,041.50	31.27	34.310	
6,200.00	6,072.99	5,975.93	5,895.71	18.09	15.96	50.85	-34.72	2,031.33	1,075.60	1,043.70	31.90	33.719	
6,300.00	6,170.67	6,075.50	5,993.63	18.43	16.28	51.31	-35.35	2,049.40	1,078.49	1,045.96	32.53	33.150	
6,400.00	6,268.36	6,175.08	6,091.55	18.77	16.60	51.77	-35.98	2,067.46	1,081.47	1,048.29	33.17	32.602	
6,500.00	6,366.05	6,171.97	7,299.48	19.11	21.78	132.45	-36.43	1,123.94	1,077.62	1,043.92	33.70	31.978	
6,600.00	6,463.73	8,149.20	7,300.22	19.45	21.59	130.57	-36.58	1,146.70	999.17	964.72	34.45	29.003	
6,700.00	6,561.42	8,126.42	7,300.96	19.79	21.40	128.64	-36.73	1,169.46	924.33	889.01	35.32	26.171	
6,800.00	6,659.10	8,103.64	7,301.71	20.13	21.21	126.68	-36.87	1,192.23	854.04	817.72	36.32	23.517	
6,900.00	6,756.79	8,080.87	7,302.45	20.48	21.04	124.70	-37.02	1,214.99	789.52	752.07	37.45	21.080	
7,000.00	6,853.49	8,054.01	7,303.33	20.85	20.85	118.76	-37.19	1,241.84	732.98	694.30	38.68	18.950	
7,100.00	6,945.46	8,012.94	7,304.67	21.34	20.55	115.11	-37.46	1,282.88	687.90	648.00	39.89	17.244	
7,200.00	7,030.35	7,958.14	7,306.46	21.94	20.20	111.73	-37.81	1,337.65	655.28	614.24	41.04	15.966	
7,300.00	7,106.06	7,909.05	7,308.66	22.66	19.91	107.79	-38.24	1,404.81	634.55	592.40	42.14	15.057	
7,400.00	7,170.73	7,813.02	7,311.20	23.49	19.44	103.49	-38.75	1,482.69	623.71	580.77	42.94	14.525	
7,500.00	7,222.77	7,715.46	7,310.19	24.43	19.07	98.56	-39.35	1,580.17	619.36	575.61	43.75	14.157	
7,577.83	7,253.70	7,640.66	7,299.68	25.23	18.85	94.73	-39.76	1,654.18	618.37	573.95	44.42	13.922 CC	
7,600.00	7,260.89	7,620.25	7,295.31	25.45	18.80	93.68	-39.86	1,674.12	618.45	573.85	44.60	13.867 ES	
7,700.00	7,284.16	7,532.24	7,269.25	26.55	18.63	89.12	-40.25	1,758.11	620.67	575.25	45.42	13.665	
7,800.00	7,292.01	7,449.71	7,234.50	27.69	18.54	84.90	-40.54	1,832.91	625.55	579.40	46.15	13.554 SF	
7,900.00	7,291.78	7,374.85	7,194.85	28.86	18.50	81.32	-40.73	1,896.36	634.16	587.42	46.74	13.568	
8,000.00	7,291.56	7,310.61	7,155.10	30.07	18.49	77.80	-40.83	1,946.77	649.33	602.27	47.07	13.796	
8,100.00	7,291.34	7,255.95	7,117.40	31.33	18.50	74.55	-40.88	1,986.34	672.41	625.31	47.10	14.276	
8,200.00	7,291.11	7,209.51	7,082.81	32.62	18.51	71.65	-40.89	2,017.32	703.98	657.12	46.87	15.021	
8,300.00	7,290.89	7,169.96	7,051.64	33.95	18.52	69.12	-40.88	2,041.65	744.00	697.57	46.43	16.024	
8,400.00	7,290.67	7,136.12	7,023.82	35.30	18.54	66.93	-40.86	2,060.89	791.92	746.06	45.86	17.267	
8,500.00	7,290.44	7,100.00	6,993.03	36.69	18.55	64.59	-40.81	2,079.78	846.98	801.77	45.21	18.736	
8,600.00	7,290.22	7,081.77	6,977.09	38.09	18.55	63.41	-40.78	2,088.64	908.11	863.49	44.61	20.354	
8,700.00	7,290.00	7,050.00	6,948.75	39.51	18.56	61.37	-40.72	2,102.97	974.67	930.71	43.96	22.171	
8,800.00	7,289.78	7,050.00	6,948.75	40.96	18.56	61.37	-40.72	2,102.97	1,045.60	1,002.08	43.52	24.024	
8,900.00	7,289.55	7,023.38	6,924.47	42.42	18.56	59.69	-40.66	2,113.88	1,120.20	1,077.22	42.98	26.065	
9,000.00	7,289.33	7,000.00	6,902.79	43.89	18.56	58.23	-40.60	2,122.62	1,198.13	1,155.63	42.50	28.193	
9,100.00	7,289.11	7,000.00	6,902.79	45.38	18.56	58.23	-40.60	2,122.62	1,278.62	1,236.42	42.20	30.302	
9,200.00	7,288.88	6,982.51	6,886.37	46.88	18.55	57.15	-40.56	2,128.63	1,361.37	1,319.53	41.84	32.539	
9,300.00	7,288.66	6,971.54	6,875.98	48.39	18.55	56.49	-40.52	2,132.18	1,446.06	1,404.50	41.56	34.798	
9,400.00	7,288.44	6,950.00	6,855.42	49.91	18.55	55.19	-40.46	2,138.60	1,532.52	1,491.27	41.25	37.148	
9,500.00	7,288.21	6,950.00	6,855.42	51.44	18.55	55.19	-40.46	2,138.60	1,620.11	1,579.01	41.10	39.421	
9,600.00	7,287.99	6,950.00	6,855.42	52.98	18.55	55.19	-40.46	2,138.60	1,709.06	1,668.09	40.96	41.720	
9,700.00	7,287.77	6,950.00	6,855.42	54.53	18.55	55.19	-40.46	2,138.60	1,799.17	1,758.31	40.85	44.039	
9,800.00	7,287.54	6,929.69	6,835.85	56.09	18.54	54.00	-40.39	2,144.03	1,889.86	1,849.19	40.67	46.473	
9,900.00	7,287.32	6,923.25	6,829.61	57.65	18.54	53.63	-40.36	2,145.62	1,981.52	1,940.96	40.56	48.849	
10,000.00	7,287.10	6,900.00	6,806.95	59.21	18.53	52.30	-40.28	2,150.82	2,074.18	2,033.78	40.40	51.339	
10,100.00	7,286.87	6,900.00	6,806.95	60.79	18.53	52.30	-40.28	2,150.82	2,167.00	2,126.63	40.36	53.687	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,286.65	6,900.00	6,806.95	62.36	18.53	52.30	-40.28	2,150.82	2,260.43	2,220.09	40.34	56.040	
10,300.00	7,286.43	6,900.00	6,806.95	63.95	18.53	52.30	-40.28	2,150.82	2,354.40	2,314.08	40.32	58.394	
10,400.00	7,286.20	6,900.00	6,806.95	65.53	18.53	52.30	-40.28	2,150.82	2,448.85	2,408.53	40.31	60.747	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	-2.00	3.28	3.28	90.19	-3.62	1,119.76	1,119.77					
100.00	100.00	102.00	98.00	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	198.00	198.00	3.31	3.30	90.19	-3.62	1,119.76	1,119.77	1,112.20	7.57	147.859		
211.41	211.41	209.41	209.41	3.31	3.31	90.19	-3.62	1,119.76	1,119.77	1,112.19	7.58	147.704		
300.00	300.00	295.65	295.64	3.35	3.34	90.27	-5.21	1,119.77	1,119.78	1,112.13	7.66	146.266		
400.00	399.98	367.63	367.57	3.41	3.38	23.65	-7.36	1,120.81	1,119.65	1,111.89	7.76	144.293		
500.00	499.84	439.58	439.44	3.50	3.44	23.84	-9.32	1,123.65	1,118.82	1,110.94	7.89	141.813		
600.00	599.45	511.52	511.20	3.61	3.50	24.07	-11.08	1,128.28	1,117.32	1,109.28	8.05	138.855		
700.00	698.70	583.44	582.82	3.75	3.59	24.34	-12.66	1,134.70	1,115.16	1,106.93	8.23	135.460		
800.00	797.47	655.36	654.25	3.91	3.68	24.67	-14.03	1,142.90	1,112.35	1,103.91	8.45	131.680		
900.00	895.62	727.26	725.45	4.12	3.79	25.04	-15.22	1,152.89	1,108.92	1,100.23	8.69	127.566		
1,000.00	993.32	802.57	799.73	4.36	3.92	25.44	-16.25	1,165.22	1,105.94	1,096.96	8.98	123.199		
1,100.00	1,091.01	902.07	897.72	4.63	4.12	25.94	-17.51	1,182.42	1,103.95	1,094.59	9.36	118.004		
1,200.00	1,188.69	1,001.56	995.71	4.93	4.35	26.45	-18.77	1,199.61	1,102.04	1,092.28	9.77	112.827		
1,300.00	1,286.38	1,101.06	1,093.70	5.24	4.60	26.96	-20.03	1,216.81	1,100.23	1,090.02	10.21	107.763		
1,400.00	1,384.06	1,200.56	1,191.70	5.57	4.86	27.47	-21.30	1,234.01	1,098.50	1,087.82	10.68	102.876		
1,500.00	1,481.75	1,300.06	1,289.69	5.92	5.15	27.99	-22.56	1,251.20	1,096.86	1,085.69	11.17	98.207		
1,600.00	1,579.44	1,399.55	1,387.68	6.27	5.44	28.50	-23.82	1,268.40	1,095.31	1,083.63	11.68	93.778		
1,700.00	1,677.12	1,500.95	1,485.67	6.63	5.75	29.02	-25.08	1,285.60	1,093.85	1,081.64	12.21	89.565		
1,800.00	1,774.81	1,601.45	1,583.66	7.01	6.07	29.53	-26.34	1,302.79	1,092.48	1,079.72	12.76	85.621		
1,900.00	1,872.49	1,701.95	1,681.65	7.21	6.40	30.05	-27.61	1,319.99	1,091.20	1,078.24	12.97	84.146		
2,000.00	1,970.18	1,802.46	1,779.65	7.26	6.73	30.57	-28.87	1,337.19	1,090.01	1,076.76	13.26	82.220		
2,100.00	2,067.87	1,902.96	1,877.64	7.33	6.91	31.09	-30.13	1,354.39	1,088.92	1,075.65	13.27	82.084		
2,200.00	2,165.55	2,003.46	1,975.63	7.42	6.95	31.62	-31.39	1,371.58	1,087.91	1,074.56	13.35	81.490		
2,300.00	2,263.24	2,103.97	2,073.62	7.52	7.00	32.14	-32.65	1,388.78	1,086.99	1,073.53	13.47	80.712		
2,400.00	2,360.92	2,204.47	2,171.61	7.64	7.08	32.66	-33.92	1,405.98	1,086.17	1,072.55	13.62	79.764		
2,500.00	2,458.61	2,304.97	2,269.60	7.77	7.17	33.19	-35.18	1,423.17	1,085.44	1,071.64	13.80	78.664		
2,600.00	2,556.30	2,394.53	2,367.60	7.92	7.26	33.71	-36.44	1,440.37	1,084.80	1,070.80	14.00	77.484		
2,700.00	2,653.98	2,505.98	2,465.59	8.08	7.39	34.24	-37.70	1,457.57	1,084.25	1,070.00	14.25	76.091		
2,800.00	2,751.67	2,593.52	2,563.58	8.26	7.50	34.76	-38.96	1,474.77	1,083.79	1,069.29	14.50	74.732		
2,900.00	2,849.35	2,693.02	2,661.57	8.45	7.65	35.29	-40.23	1,491.96	1,083.43	1,068.63	14.79	73.240		
3,000.00	2,947.04	2,807.49	2,759.56	8.65	7.83	35.82	-41.49	1,509.16	1,083.16	1,068.03	15.13	71.599		
3,100.00	3,044.72	2,907.99	2,857.55	8.86	8.00	36.34	-42.75	1,526.36	1,082.98	1,067.51	15.47	70.009		
3,200.00	3,142.41	3,008.49	2,955.55	9.08	8.18	36.87	-44.01	1,543.55	1,082.89	1,067.06	15.83	68.400		
3,243.05	3,184.47	3,034.34	2,997.73	9.18	8.23	37.10	-44.56	1,550.96	1,082.88	1,066.91	15.97	67.817		
3,300.00	3,240.10	3,108.99	3,053.54	9.31	8.37	37.40	-45.27	1,560.75	1,082.90	1,066.68	16.21	66.785		
3,400.00	3,337.78	3,209.50	3,151.53	9.55	8.57	37.93	-46.54	1,577.95	1,083.00	1,066.38	16.62	65.176		
3,500.00	3,435.47	3,310.00	3,249.52	9.80	8.78	38.45	-47.80	1,595.14	1,083.19	1,066.15	17.04	63.583		
3,600.00	3,533.15	3,389.50	3,347.51	10.05	8.95	38.98	-49.06	1,612.34	1,083.47	1,066.04	17.43	62.158		
3,700.00	3,630.84	3,489.00	3,445.50	10.31	9.18	39.51	-50.32	1,629.54	1,083.85	1,065.97	17.88	60.623		
3,800.00	3,728.53	3,588.49	3,543.50	10.58	9.40	40.03	-51.59	1,646.74	1,084.32	1,065.98	18.34	59.123		
3,900.00	3,826.21	3,687.99	3,641.49	10.85	9.64	40.56	-52.85	1,663.93	1,084.88	1,066.06	18.81	57.661		
4,000.00	3,923.90	3,787.49	3,739.48	11.13	9.88	41.08	-54.11	1,681.13	1,085.53	1,066.23	19.30	56.239		
4,100.00	4,021.58	3,886.98	3,837.47	11.42	10.13	41.61	-55.37	1,698.33	1,086.28	1,066.48	19.80	54.861		
4,200.00	4,119.27	3,986.48	3,935.46	11.70	10.38	42.13	-56.63	1,715.52	1,087.11	1,066.80	20.31	53.526		
4,300.00	4,216.96	4,085.98	4,033.45	12.00	10.64	42.65	-57.90	1,732.72	1,088.04	1,067.21	20.83	52.236		
4,400.00	4,314.64	4,185.48	4,131.45	12.29	10.90	43.17	-59.16	1,749.92	1,089.06	1,067.71	21.36	50.991		
4,500.00	4,412.33	4,284.97	4,229.44	12.59	11.17	43.70	-60.42	1,767.12	1,090.17	1,068.28	21.90	49.790		
4,600.00	4,510.01	4,384.47	4,327.43	12.90	11.44	44.22	-61.68	1,784.31	1,091.38	1,068.94	22.44	48.634		
4,700.00	4,607.70	4,483.97	4,425.42	13.21	11.72	44.73	-62.94	1,801.51	1,092.67	1,069.67	22.99	47.520		
4,800.00	4,705.39	4,583.46	4,523.41	13.52	11.99	45.25	-64.21	1,818.71	1,094.05	1,070.50	23.55	46.448		
4,900.00	4,803.07	4,682.96	4,621.40	13.83	12.28	45.77	-65.47	1,835.90	1,095.52	1,071.40	24.12	45.417		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 13N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
5,000.00	4,900.76	4,782.46	4,719.40	14.14	12.56	46.28	-66.73	1,853.10	1,097.09	1,072.39	24.69	44.426		
5,100.00	4,998.44	4,881.96	4,817.39	14.46	12.85	46.79	-67.99	1,870.30	1,098.74	1,073.46	25.27	43.473		
5,200.00	5,096.13	4,981.45	4,915.38	14.78	13.14	47.31	-69.25	1,887.49	1,100.48	1,074.62	25.86	42.556		
5,300.00	5,193.82	5,080.95	5,013.37	15.11	13.43	47.82	-70.52	1,904.69	1,102.30	1,075.85	26.45	41.675		
5,400.00	5,291.50	5,180.45	5,111.36	15.43	13.72	48.32	-71.78	1,921.89	1,104.22	1,077.17	27.05	40.828		
5,500.00	5,389.19	5,279.95	5,209.35	15.76	14.02	48.83	-73.04	1,939.09	1,106.22	1,078.58	27.65	40.014		
5,600.00	5,486.87	5,379.44	5,307.35	16.09	14.32	49.34	-74.30	1,956.28	1,108.31	1,080.06	28.25	39.231		
5,700.00	5,584.56	5,478.94	5,405.34	16.42	14.62	49.84	-75.56	1,973.48	1,110.49	1,081.63	28.86	38.479		
5,800.00	5,682.25	5,578.44	5,503.33	16.75	14.92	50.34	-76.83	1,990.68	1,112.75	1,083.28	29.47	37.755		
5,900.00	5,779.93	5,677.93	5,601.32	17.08	15.22	50.84	-78.09	2,007.87	1,115.10	1,085.01	30.09	37.058		
6,000.00	5,877.62	5,777.43	5,699.31	17.42	15.53	51.33	-79.35	2,025.07	1,117.53	1,086.82	30.71	36.388		
6,100.00	5,975.30	5,876.93	5,797.30	17.75	15.84	51.83	-80.61	2,042.27	1,120.05	1,088.71	31.34	35.743		
6,200.00	6,072.99	5,976.43	5,895.30	18.09	16.14	52.32	-81.88	2,059.47	1,122.65	1,090.68	31.96	35.122		
6,300.00	6,170.67	8,001.86	7,115.61	18.43	21.52	130.29	-105.91	1,095.86	1,114.09	1,081.09	33.00	33.757		
6,400.00	6,268.36	7,979.41	7,116.24	18.77	21.33	128.54	-105.76	1,118.30	1,037.54	1,003.78	33.77	30.727		
6,500.00	6,366.05	7,956.96	7,116.88	19.11	21.14	126.77	-105.61	1,140.74	964.77	930.13	34.64	27.853		
6,600.00	6,463.73	7,934.50	7,117.51	19.45	20.96	124.97	-105.46	1,163.18	896.69	861.07	35.62	25.171		
6,700.00	6,561.42	7,912.05	7,118.14	19.79	20.77	123.15	-105.31	1,185.63	834.46	797.74	36.72	22.726		
6,800.00	6,659.10	7,889.60	7,118.77	20.13	20.59	121.31	-105.16	1,208.07	779.47	741.57	37.90	20.567		
6,900.00	6,756.79	7,867.15	7,119.41	20.48	20.43	119.45	-105.01	1,230.51	733.37	694.26	39.11	18.751		
7,000.00	6,853.49	7,840.61	7,120.15	20.85	20.23	111.70	-104.83	1,257.04	698.25	658.02	40.23	17.357		
7,100.00	6,945.46	7,800.15	7,121.30	21.34	19.94	105.80	-104.56	1,297.79	676.13	635.00	41.13	16.440		
7,200.00	7,030.35	7,745.32	7,122.84	21.94	19.60	100.41	-104.20	1,352.29	666.32	624.52	41.80	15.942		
7,247.16	7,067.32	7,715.20	7,123.69	22.28	19.42	97.77	-104.00	1,382.40	665.32	623.28	42.03	15.828 CC, ES		
7,300.00	7,106.06	7,678.37	7,124.73	22.66	19.22	94.76	-103.75	1,419.22	666.41	624.17	42.24	15.778 SF		
7,400.00	7,170.73	7,600.64	7,126.92	23.49	18.85	89.15	-103.23	1,496.91	672.98	630.41	42.57	15.809		
7,500.00	7,222.77	7,523.93	7,124.80	24.43	18.57	84.19	-102.66	1,573.54	682.96	640.03	42.93	15.909		
7,600.00	7,260.89	7,450.96	7,114.25	25.45	18.36	79.71	-102.01	1,645.70	695.09	651.82	43.28	16.061		
7,700.00	7,284.16	7,380.73	7,096.37	26.55	18.20	75.72	-101.27	1,713.58	708.31	664.68	43.63	16.234		
7,800.00	7,292.01	7,312.62	7,071.99	27.69	18.10	72.26	-100.48	1,777.14	721.58	677.59	43.99	16.403		
7,900.00	7,291.78	7,250.00	7,043.70	28.86	18.04	70.11	-99.69	1,832.97	737.18	692.88	44.30	16.642		
8,000.00	7,291.56	7,191.08	7,012.20	30.07	18.01	67.80	-98.89	1,882.73	758.69	714.23	44.45	17.067		
8,100.00	7,291.34	7,140.00	6,981.27	31.33	18.00	65.60	-98.17	1,923.35	786.69	742.23	44.46	17.696		
8,200.00	7,291.11	7,100.00	6,954.83	32.62	18.00	63.77	-97.58	1,953.35	821.43	777.11	44.33	18.531		
8,300.00	7,290.89	7,050.00	6,919.22	33.95	18.01	61.40	-96.83	1,988.43	862.80	818.76	44.05	19.589		
8,400.00	7,290.67	7,020.03	6,896.59	35.30	18.02	59.94	-96.37	2,008.07	910.47	866.74	43.74	20.818		
8,500.00	7,290.44	6,989.06	6,872.26	36.69	18.03	58.41	-95.90	2,027.23	964.01	920.65	43.36	22.231		
8,600.00	7,290.22	6,961.63	6,849.97	38.09	18.04	57.06	-95.47	2,043.19	1,022.82	979.84	42.98	23.798		
8,700.00	7,290.00	6,937.26	6,829.59	39.51	18.05	55.85	-95.09	2,056.55	1,086.31	1,043.71	42.60	25.502		
8,800.00	7,289.78	6,915.53	6,811.00	40.96	18.06	54.78	-94.74	2,067.81	1,153.92	1,111.68	42.24	27.320		
8,900.00	7,289.55	6,900.00	6,797.49	42.42	18.06	54.02	-94.50	2,075.45	1,225.12	1,183.20	41.92	29.226		
9,000.00	7,289.33	6,878.55	6,778.53	43.89	18.07	52.98	-94.16	2,085.47	1,299.42	1,257.82	41.60	31.239		
9,100.00	7,289.11	6,850.00	6,752.78	45.38	18.07	51.60	-93.71	2,097.80	1,376.60	1,335.34	41.27	33.359		
9,200.00	7,288.88	6,850.00	6,752.78	46.88	18.07	51.60	-93.71	2,097.80	1,455.80	1,414.71	41.09	35.430		
9,300.00	7,288.66	6,850.00	6,752.78	48.39	18.07	51.60	-93.71	2,097.80	1,537.43	1,496.50	40.93	37.562		
9,400.00	7,288.44	6,823.54	6,728.45	49.91	18.07	50.35	-93.29	2,108.19	1,620.40	1,579.71	40.68	39.830		
9,500.00	7,288.21	6,800.00	6,706.46	51.44	18.07	49.25	-92.92	2,116.57	1,705.31	1,664.83	40.47	42.137		
9,600.00	7,287.99	6,800.00	6,706.46	52.98	18.07	49.25	-92.92	2,116.57	1,791.26	1,750.88	40.38	44.365		
9,700.00	7,287.77	6,800.00	6,706.46	54.53	18.07	49.25	-92.92	2,116.57	1,878.61	1,838.31	40.29	46.622		
9,800.00	7,287.54	6,800.00	6,706.46	56.09	18.07	49.25	-92.92	2,116.57	1,967.16	1,926.93	40.23	48.902		
9,900.00	7,287.32	6,777.07	6,684.75	57.65	18.06	48.20	-92.57	2,123.95	2,056.24	2,016.15	40.09	51.295		
10,000.00	7,287.10	6,769.75	6,677.77	59.21	18.06	47.87	-92.45	2,126.14	2,146.38	2,106.36	40.02	53.634		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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
<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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,286.87	6,750.00	6,658.81	60.79	18.06	46.99	-92.15	2,131.65	2,237.43	2,197.51	39.92	56.049	
10,200.00	7,286.65	6,750.00	6,658.81	62.36	18.06	46.99	-92.15	2,131.65	2,328.87	2,288.96	39.90	58.365	
10,300.00	7,286.43	6,750.00	6,658.81	63.95	18.06	46.99	-92.15	2,131.65	2,420.98	2,381.08	39.89	60.687	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 13N-6C-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	-2.00	3.28	3.28	90.17	-3.25	1,099.72	1,099.72				
100.00	100.00	102.00	98.00	3.28	3.28	90.17	-3.25	1,099.72	1,099.72	1,092.19	7.53	146.063	
200.00	200.00	202.00	198.00	3.31	3.31	90.17	-3.25	1,099.72	1,099.72	1,092.15	7.57	145.186	
205.90	205.90	203.90	203.90	3.31	3.31	90.17	-3.25	1,099.72	1,099.72	1,092.14	7.58	145.134	
300.00	300.00	285.35	285.34	3.35	3.34	90.17	-3.33	1,099.92	1,100.00	1,092.34	7.65	143.709	
400.00	399.98	358.96	358.93	3.41	3.38	23.48	-4.01	1,101.65	1,100.75	1,092.99	7.76	141.935	
500.00	499.84	432.49	432.37	3.50	3.43	23.63	-5.37	1,105.13	1,100.70	1,092.81	7.88	139.655	
600.00	599.45	505.92	505.58	3.61	3.50	23.87	-7.41	1,110.36	1,099.87	1,091.83	8.04	136.859	
700.00	698.70	579.18	578.46	3.75	3.58	24.21	-10.13	1,117.31	1,098.29	1,090.06	8.22	133.582	
800.00	797.47	652.24	650.92	3.91	3.67	24.65	-13.52	1,125.98	1,095.99	1,087.56	8.44	129.888	
900.00	895.62	725.06	722.88	4.12	3.79	25.17	-17.56	1,136.32	1,093.05	1,084.36	8.69	125.838	
1,000.00	993.32	807.67	804.20	4.36	3.94	25.83	-22.86	1,149.89	1,090.40	1,081.41	8.99	121.247	
1,100.00	1,091.01	906.50	901.41	4.63	4.16	26.61	-29.36	1,166.50	1,088.37	1,078.99	9.38	116.037	
1,200.00	1,188.69	1,005.33	998.61	4.93	4.40	27.40	-35.85	1,183.12	1,086.55	1,076.75	9.80	110.862	
1,300.00	1,286.38	1,104.16	1,095.82	5.24	4.66	28.19	-42.35	1,199.74	1,084.94	1,074.68	10.25	105.818	
1,400.00	1,384.06	1,202.99	1,193.03	5.57	4.94	28.99	-48.84	1,216.35	1,083.54	1,072.81	10.73	100.968	
1,500.00	1,481.75	1,301.82	1,290.23	5.92	5.24	29.78	-55.33	1,232.97	1,082.36	1,071.12	11.23	96.352	
1,600.00	1,579.44	1,400.65	1,387.44	6.27	5.54	30.58	-61.83	1,249.59	1,081.38	1,069.63	11.76	91.992	
1,700.00	1,677.12	1,500.52	1,484.65	6.63	5.87	31.37	-68.32	1,266.20	1,080.63	1,068.33	12.30	87.873	
1,800.00	1,774.81	1,601.69	1,581.85	7.01	6.20	32.17	-74.82	1,282.82	1,080.09	1,067.23	12.86	83.993	
1,900.00	1,872.49	1,702.86	1,679.06	7.21	6.54	32.97	-81.31	1,299.44	1,079.76	1,066.68	13.08	82.546	
2,000.00	1,970.18	1,795.97	1,776.27	7.26	6.87	33.77	-87.81	1,316.05	1,079.65	1,066.29	13.36	80.792	
2,001.61	1,971.75	1,802.44	1,777.83	7.26	6.89	33.79	-87.91	1,316.32	1,079.65	1,066.27	13.38	80.701	
2,100.00	2,067.87	1,894.80	1,873.47	7.33	7.06	34.57	-94.30	1,332.67	1,079.75	1,066.37	13.38	80.673	
2,200.00	2,165.55	2,006.37	1,970.68	7.42	7.12	35.37	-100.80	1,349.29	1,080.07	1,066.59	13.48	80.126	
2,300.00	2,263.24	2,107.54	2,067.89	7.52	7.18	36.17	-107.29	1,365.90	1,080.61	1,067.01	13.60	79.451	
2,400.00	2,360.92	2,208.71	2,165.09	7.64	7.26	36.97	-113.78	1,382.52	1,081.36	1,067.60	13.76	78.612	
2,500.00	2,458.61	2,290.12	2,262.30	7.77	7.33	37.77	-120.28	1,399.14	1,082.32	1,068.39	13.93	77.707	
2,600.00	2,556.30	2,388.95	2,359.51	7.92	7.43	38.56	-126.77	1,415.75	1,083.50	1,069.36	14.14	76.620	
2,700.00	2,653.98	2,487.78	2,456.71	8.08	7.55	39.35	-133.27	1,432.37	1,084.89	1,070.51	14.38	75.428	
2,800.00	2,751.67	2,586.61	2,553.92	8.26	7.69	40.15	-139.76	1,448.99	1,086.49	1,071.84	14.65	74.149	
2,900.00	2,849.35	2,685.44	2,651.13	8.45	7.83	40.93	-146.26	1,465.60	1,088.31	1,073.36	14.95	72.802	
3,000.00	2,947.04	2,784.28	2,748.33	8.65	7.99	41.72	-152.75	1,482.22	1,090.33	1,075.06	15.27	71.406	
3,100.00	3,044.72	2,883.11	2,845.54	8.86	8.16	42.50	-159.25	1,498.84	1,092.57	1,076.95	15.61	69.976	
3,200.00	3,142.41	2,981.94	2,942.75	9.08	8.34	43.28	-165.74	1,515.45	1,095.01	1,079.03	15.98	68.526	
3,300.00	3,240.10	3,080.77	3,039.95	9.31	8.53	44.06	-172.23	1,532.07	1,097.66	1,081.29	16.37	67.070	
3,400.00	3,337.78	3,179.60	3,137.16	9.55	8.73	44.83	-178.73	1,548.69	1,100.51	1,083.74	16.77	65.618	
3,500.00	3,435.47	3,278.43	3,234.37	9.80	8.94	45.60	-185.22	1,565.30	1,103.57	1,086.37	17.19	64.180	
3,600.00	3,533.15	3,377.26	3,331.57	10.05	9.16	46.36	-191.72	1,581.92	1,106.82	1,089.19	17.63	62.763	
3,700.00	3,630.84	3,476.09	3,428.78	10.31	9.39	47.12	-198.21	1,598.54	1,110.28	1,092.19	18.09	61.374	
3,800.00	3,728.53	3,574.92	3,525.99	10.58	9.62	47.88	-204.71	1,615.15	1,113.94	1,095.38	18.56	60.017	
3,900.00	3,826.21	3,673.75	3,623.19	10.85	9.86	48.63	-211.20	1,631.77	1,117.79	1,098.75	19.04	58.695	
4,000.00	3,923.90	3,772.58	3,720.40	11.13	10.11	49.37	-217.70	1,648.39	1,121.84	1,102.30	19.54	57.412	
4,100.00	4,021.58	3,871.41	3,817.61	11.42	10.36	50.11	-224.19	1,665.00	1,126.07	1,106.03	20.05	56.170	
4,200.00	4,119.27	3,970.24	3,914.81	11.70	10.62	50.85	-230.68	1,681.62	1,130.50	1,109.94	20.57	54.969	
4,300.00	4,216.96	4,069.07	4,012.02	12.00	10.88	51.57	-237.18	1,698.24	1,135.12	1,114.02	21.10	53.810	
4,400.00	4,314.64	4,167.90	4,109.23	12.29	11.15	52.30	-243.67	1,714.85	1,139.92	1,118.29	21.63	52.693	
4,500.00	4,412.33	4,266.73	4,206.43	12.59	11.42	53.01	-250.17	1,731.47	1,144.90	1,122.72	22.18	51.618	
4,600.00	4,510.01	4,365.56	4,303.64	12.90	11.70	53.72	-256.66	1,748.09	1,150.07	1,127.33	22.74	50.584	
4,700.00	4,607.70	4,464.39	4,400.85	13.21	11.98	54.43	-263.16	1,764.70	1,155.41	1,132.11	23.30	49.590	
4,800.00	4,705.39	4,563.22	4,498.05	13.52	12.26	55.12	-269.65	1,781.32	1,160.93	1,137.06	23.87	48.636	
4,900.00	4,803.07	4,662.05	4,595.26	13.83	12.55	55.81	-276.15	1,797.94	1,166.62	1,142.18	24.45	47.720	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 13N-6C-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,900.76	4,760.88	4,692.47	14.14	12.84	56.50	-282.64	1,814.55	1,172.49	1,147.46	25.03	46.841		
5,100.00	4,998.44	4,859.71	4,789.67	14.46	13.13	57.18	-289.13	1,831.17	1,178.52	1,152.90	25.62	45.998		
5,200.00	5,096.13	4,958.54	4,886.88	14.78	13.42	57.85	-295.63	1,847.79	1,184.71	1,158.50	26.22	45.190		
5,300.00	5,193.82	5,057.37	4,984.09	15.11	13.72	58.51	-302.12	1,864.40	1,191.07	1,164.26	26.82	44.414		
5,400.00	5,291.50	5,156.20	5,081.29	15.43	14.02	59.17	-308.62	1,881.02	1,197.59	1,170.17	27.42	43.671		
5,500.00	5,389.19	5,255.03	5,178.50	15.76	14.32	59.82	-315.11	1,897.64	1,204.27	1,176.24	28.03	42.958		
5,600.00	5,486.87	5,353.86	5,275.71	16.09	14.63	60.46	-321.61	1,914.25	1,211.10	1,182.46	28.65	42.273		
5,700.00	5,584.56	5,452.69	5,372.91	16.42	14.93	61.09	-328.10	1,930.87	1,218.09	1,188.82	29.27	41.617		
5,800.00	5,682.25	5,551.52	5,470.12	16.75	15.24	61.72	-334.60	1,947.49	1,225.23	1,195.33	29.89	40.988		
5,900.00	5,779.93	5,650.36	5,567.33	17.08	15.55	62.34	-341.09	1,964.11	1,232.51	1,201.99	30.52	40.384		
6,000.00	5,877.62	5,749.19	5,664.53	17.42	15.86	62.95	-347.58	1,980.72	1,239.94	1,208.79	31.15	39.804		
6,100.00	5,975.30	5,848.02	5,761.74	17.75	16.17	63.56	-354.08	1,997.34	1,247.51	1,215.72	31.79	39.248		
6,200.00	6,072.99	5,946.85	5,858.95	18.09	16.49	64.16	-360.57	2,013.96	1,255.22	1,222.79	32.42	38.713		
6,300.00	6,170.67	6,045.68	5,956.15	18.43	16.80	64.75	-367.07	2,030.57	1,263.06	1,230.00	33.06	38.200		
6,400.00	6,268.36	6,144.51	6,053.36	18.77	17.12	65.34	-373.56	2,047.19	1,271.04	1,237.34	33.71	37.707		
6,500.00	6,366.05	6,226.72	6,128.56	19.11	21.37	124.39	-425.69	1,115.47	1,234.52	1,198.40	36.12	34.176		
6,600.00	6,463.73	6,304.67	7,183.15	19.45	21.19	123.18	-426.18	1,137.50	1,179.37	1,142.38	36.99	31.885		
6,700.00	6,561.42	7,982.62	7,183.74	19.79	21.02	121.96	-426.68	1,159.54	1,129.95	1,092.05	37.90	29.816		
6,800.00	6,659.10	7,960.57	7,184.32	20.13	20.85	120.74	-427.17	1,181.58	1,087.06	1,048.24	38.82	28.005		
6,900.00	6,756.79	7,938.52	7,184.91	20.48	20.69	119.51	-427.67	1,203.61	1,051.49	1,011.79	39.71	26.482		
7,000.00	6,853.49	7,912.39	7,185.61	20.85	20.50	111.92	-428.25	1,229.73	1,024.41	983.89	40.52	25.283		
7,100.00	6,945.46	7,872.01	7,186.68	21.34	20.24	106.61	-429.16	1,270.08	1,007.14	965.91	41.24	24.424		
7,200.00	7,030.35	7,817.84	7,188.12	21.94	19.91	102.37	-430.37	1,324.22	998.96	957.12	41.84	23.875		
7,260.96	7,077.72	7,778.62	7,189.17	22.38	19.70	99.84	-431.25	1,363.42	997.74	955.55	42.19	23.648	CC, ES	
7,300.00	7,106.06	7,751.23	7,189.89	22.66	19.58	98.23	-431.86	1,390.80	998.18	955.79	42.39	23.547		
7,400.00	7,170.73	7,674.02	7,191.95	23.49	19.25	94.19	-433.59	1,467.95	1,002.55	959.63	42.92	23.361		
7,500.00	7,222.77	7,582.77	7,188.09	24.43	19.00	90.12	-435.23	1,559.03	1,009.43	965.93	43.50	23.207		
7,600.00	7,260.89	7,498.23	7,172.96	25.45	18.84	86.47	-436.00	1,642.14	1,017.47	973.30	44.16	23.039		
7,700.00	7,284.16	7,418.74	7,148.83	26.55	18.75	83.21	-436.04	1,717.83	1,026.11	981.21	44.89	22.856		
7,800.00	7,292.01	7,343.11	7,117.31	27.69	18.71	80.36	-435.47	1,786.52	1,034.73	989.08	45.65	22.667		
7,900.00	7,291.78	7,273.58	7,081.35	28.86	18.70	78.39	-434.43	1,845.98	1,044.89	998.49	46.40	22.520		
8,000.00	7,291.56	7,212.99	7,044.90	30.07	18.71	76.43	-433.13	1,894.33	1,059.31	1,012.24	47.07	22.503	SF	
8,100.00	7,291.34	7,160.62	7,009.82	31.33	18.73	74.56	-431.71	1,933.17	1,078.79	1,031.14	47.65	22.641		
8,200.00	7,291.11	7,115.48	6,977.12	32.62	18.75	72.84	-430.29	1,964.24	1,103.83	1,055.73	48.10	22.949		
8,300.00	7,290.89	7,076.54	6,947.21	33.95	18.77	71.29	-428.91	1,989.12	1,134.69	1,086.27	48.42	23.433		
8,400.00	7,290.67	7,050.00	6,925.97	35.30	18.78	70.21	-427.90	2,005.01	1,171.41	1,122.76	48.65	24.077		
8,500.00	7,290.44	7,013.56	6,895.79	36.69	18.79	68.68	-426.41	2,025.35	1,213.70	1,164.98	48.73	24.909		
8,600.00	7,290.22	6,987.97	6,873.92	38.09	18.80	67.59	-425.30	2,038.59	1,261.39	1,212.66	48.73	25.884		
8,700.00	7,290.00	6,965.49	6,854.28	39.51	18.80	66.63	-424.28	2,049.49	1,314.04	1,265.38	48.67	27.001		
8,800.00	7,289.78	6,950.00	6,840.53	40.96	18.80	65.96	-423.56	2,056.59	1,371.26	1,322.70	48.57	28.235		
8,900.00	7,289.55	6,927.99	6,820.71	42.42	18.81	65.01	-422.50	2,066.10	1,432.57	1,384.19	48.39	29.608		
9,000.00	7,289.33	6,900.00	6,795.05	43.89	18.81	63.79	-421.11	2,077.19	1,497.74	1,449.60	48.14	31.113		
9,100.00	7,289.11	6,900.00	6,795.05	45.38	18.81	63.79	-421.11	2,077.19	1,565.95	1,517.94	48.00	32.621		
9,200.00	7,288.88	6,900.00	6,795.05	46.88	18.81	63.79	-421.11	2,077.19	1,637.43	1,589.58	47.85	34.219		
9,300.00	7,288.66	6,873.85	6,770.66	48.39	18.80	62.65	-419.76	2,086.52	1,711.15	1,663.58	47.57	35.971		
9,400.00	7,288.44	6,850.00	6,748.10	49.91	18.80	61.62	-418.49	2,094.15	1,787.55	1,740.26	47.30	37.795		
9,500.00	7,288.21	6,850.00	6,748.10	51.44	18.80	61.62	-418.49	2,094.15	1,865.72	1,818.58	47.14	39.578		
9,600.00	7,287.99	6,850.00	6,748.10	52.98	18.80	61.62	-418.49	2,094.15	1,945.88	1,898.90	46.99	41.413		
9,700.00	7,287.77	6,850.00	6,748.10	54.53	18.80	61.62	-418.49	2,094.15	2,027.81	1,980.97	46.84	43.292		
9,800.00	7,287.54	6,829.58	6,728.58	56.09	18.79	60.73	-417.38	2,100.01	2,110.92	2,064.31	46.61	45.292		
9,900.00	7,287.32	6,822.73	6,721.98	57.65	18.79	60.44	-417.00	2,101.83	2,195.49	2,149.04	46.45	47.269		
10,000.00	7,287.10	6,800.00	6,699.98	59.21	18.78	59.46	-415.72	2,107.38	2,281.47	2,235.25	46.22	49.359		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 13N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,286.87	6,800.00	6,699.98	60.79	18.78	59.46	-415.72	2,107.38	2,368.12	2,322.01	46.11	51.353	
10,200.00	7,286.65	6,800.00	6,699.98	62.36	18.78	59.46	-415.72	2,107.38	2,455.79	2,409.77	46.01	53.370	

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	
0.00	0.00	1.00	-1.00	3.28	3.28	90.52	-0.73	79.90	79.91				
100.00	100.00	101.00	99.00	3.28	3.28	90.52	-0.73	79.90	79.91	72.38	7.53	10.613	
200.00	200.00	201.00	199.00	3.31	3.31	90.52	-0.73	79.90	79.91	72.33	7.57	10.550	
300.00	300.00	301.00	299.00	3.35	3.35	90.52	-0.73	79.90	79.91	72.24	7.66	10.426	
400.00	399.98	401.02	398.98	3.41	3.42	24.30	-0.73	79.90	78.31	70.52	7.80	10.045	
500.00	499.84	501.16	498.84	3.50	3.51	26.02	-0.73	79.90	73.57	65.61	7.97	9.233	
600.00	599.45	601.55	598.45	3.61	3.61	29.42	-0.73	79.90	65.85	57.67	8.18	8.048	
700.00	698.70	702.30	697.70	3.75	3.74	35.71	-0.73	79.90	55.54	47.10	8.44	6.583	
800.00	797.47	803.53	796.47	3.91	3.88	47.85	-0.73	79.90	43.75	35.01	8.73	5.009	
900.00	895.62	894.62	894.62	4.12	4.02	72.28	-0.73	79.90	33.89	24.80	9.08	3.731	
947.42	941.99	940.81	940.81	4.23	4.09	88.43	-0.72	80.19	32.33	23.06	9.28	3.486 CC, ES	
1,000.00	993.32	992.22	992.20	4.36	4.17	105.67	-0.71	81.39	34.11	24.62	9.49	3.594	
1,100.00	1,091.01	1,090.89	1,090.75	4.63	4.33	126.76	-0.63	86.26	43.51	33.63	9.88	4.405	
1,200.00	1,188.69	1,190.48	1,189.99	4.93	4.50	136.28	-0.51	94.62	55.08	44.81	10.28	5.361	
1,300.00	1,286.38	1,290.77	1,289.56	5.24	4.70	139.79	-0.33	106.51	65.94	55.23	10.72	6.154	
1,400.00	1,384.06	1,391.49	1,389.09	5.57	4.91	139.98	-0.10	121.96	75.28	64.07	11.21	6.717	
1,500.00	1,481.75	1,491.95	1,487.80	5.92	5.16	138.11	0.17	140.61	83.13	71.37	11.76	7.068	
1,600.00	1,579.44	1,608.38	1,585.59	6.27	5.47	136.17	0.46	159.81	90.75	78.35	12.40	7.318	
1,700.00	1,677.12	1,708.72	1,683.39	6.63	5.75	134.53	0.74	179.02	98.47	85.44	13.03	7.557	
1,800.00	1,774.81	1,809.05	1,781.19	7.01	6.04	133.13	1.03	198.22	106.25	92.58	13.67	7.773	
1,900.00	1,872.49	1,909.38	1,878.99	7.21	6.20	131.92	1.31	217.42	114.09	100.44	13.65	8.361	
2,000.00	1,970.18	2,009.72	1,976.78	7.26	6.23	130.87	1.60	236.62	121.97	108.23	13.74	8.878	
2,100.00	2,067.87	2,089.95	2,074.58	7.33	6.28	129.95	1.88	255.83	129.88	116.03	13.86	9.373	
2,200.00	2,165.55	2,189.61	2,172.38	7.42	6.35	129.13	2.17	275.03	137.83	123.81	14.02	9.832	
2,300.00	2,263.24	2,289.28	2,270.18	7.52	6.45	128.40	2.45	294.23	145.80	131.58	14.22	10.256	
2,400.00	2,360.92	2,388.94	2,367.98	7.64	6.56	127.75	2.74	313.44	153.79	139.34	14.45	10.644	
2,500.00	2,458.61	2,488.61	2,465.77	7.77	6.69	127.16	3.02	332.64	161.80	147.09	14.71	10.998	
2,600.00	2,556.30	2,588.28	2,563.57	7.92	6.83	126.63	3.31	351.84	169.83	154.82	15.01	11.317	
2,700.00	2,653.98	2,687.94	2,661.37	8.08	6.99	126.14	3.59	371.04	177.87	162.54	15.33	11.603	
2,800.00	2,751.67	2,787.61	2,759.17	8.26	7.16	125.70	3.88	390.25	185.92	170.24	15.68	11.857	
2,900.00	2,849.35	2,887.27	2,856.97	8.45	7.35	125.30	4.16	409.45	193.98	177.92	16.06	12.081	
3,000.00	2,947.04	2,986.94	2,954.76	8.65	7.55	124.92	4.45	428.65	202.05	185.59	16.46	12.279	
3,100.00	3,044.72	3,086.60	3,052.56	8.86	7.76	124.58	4.73	447.85	210.12	193.25	16.88	12.451	
3,200.00	3,142.41	3,186.27	3,150.36	9.08	7.98	124.26	5.02	467.06	218.21	200.89	17.32	12.600	
3,300.00	3,240.10	3,285.93	3,248.16	9.31	8.21	123.96	5.30	486.26	226.30	208.52	17.78	12.729	
3,400.00	3,337.78	3,385.60	3,345.95	9.55	8.44	123.69	5.59	505.46	234.39	216.14	18.25	12.840	
3,500.00	3,435.47	3,485.27	3,443.75	9.80	8.69	123.43	5.87	524.67	242.49	223.75	18.75	12.935	
3,600.00	3,533.15	3,584.93	3,541.55	10.05	8.94	123.19	6.16	543.87	250.60	231.34	19.26	13.014	
3,700.00	3,630.84	3,684.60	3,639.35	10.31	9.20	122.96	6.44	563.07	258.71	238.93	19.78	13.081	
3,800.00	3,728.53	3,784.26	3,737.15	10.58	9.47	122.75	6.73	582.27	266.82	246.51	20.31	13.137	
3,900.00	3,826.21	3,883.93	3,834.94	10.85	9.74	122.55	7.01	601.48	274.94	254.08	20.86	13.183	
4,000.00	3,923.90	3,983.59	3,932.74	11.13	10.02	122.36	7.30	620.68	283.06	261.65	21.41	13.220	
4,100.00	4,021.58	4,083.26	4,030.54	11.42	10.30	122.18	7.58	639.88	291.18	269.20	21.98	13.250	
4,200.00	4,119.27	4,182.93	4,128.34	11.70	10.59	122.02	7.87	659.09	299.31	276.76	22.55	13.272	
4,300.00	4,216.96	4,282.59	4,226.13	12.00	10.88	121.86	8.15	678.29	307.43	284.30	23.13	13.289	
4,400.00	4,314.64	4,382.26	4,323.93	12.29	11.17	121.71	8.44	697.49	315.56	291.84	23.72	13.301	
4,500.00	4,412.33	4,481.92	4,421.73	12.59	11.47	121.56	8.72	716.69	323.70	299.37	24.32	13.309	
4,600.00	4,510.01	4,581.59	4,519.53	12.90	11.77	121.43	9.01	735.90	331.83	306.90	24.93	13.313	
4,700.00	4,607.70	4,681.25	4,617.33	13.21	12.08	121.30	9.29	755.10	339.97	314.43	25.54	13.313	
4,800.00	4,705.39	4,780.92	4,715.12	13.52	12.38	121.17	9.58	774.30	348.10	321.95	26.15	13.311	
4,900.00	4,803.07	4,880.58	4,812.92	13.83	12.69	121.05	9.86	793.50	356.24	329.47	26.77	13.306	
5,000.00	4,900.76	4,980.25	4,910.72	14.14	13.00	120.94	10.15	812.71	364.38	336.98	27.40	13.299	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
5,100.00	4,998.44	5,079.92	5,008.52	14.46	13.32	120.83	10.43	831.91	372.52	344.49	28.03	13.290		
5,200.00	5,096.13	5,179.58	5,106.31	14.78	13.63	120.73	10.72	851.11	380.67	352.00	28.67	13.280		
5,300.00	5,193.82	5,279.25	5,204.11	15.11	13.95	120.63	11.00	870.32	388.81	359.51	29.30	13.268		
5,400.00	5,291.50	5,378.91	5,301.91	15.43	14.27	120.54	11.29	889.52	396.96	367.01	29.95	13.255		
5,500.00	5,389.19	5,478.58	5,399.71	15.76	14.59	120.45	11.57	908.72	405.10	374.51	30.59	13.242		
5,600.00	5,486.87	5,578.24	5,497.51	16.09	14.92	120.36	11.86	927.92	413.25	382.01	31.24	13.227		
5,700.00	5,584.56	5,677.91	5,595.30	16.42	15.24	120.27	12.14	947.13	421.40	389.50	31.90	13.212		
5,800.00	5,682.25	5,777.58	5,693.10	16.75	15.56	120.19	12.43	966.33	429.55	397.00	32.55	13.196		
5,900.00	5,779.93	5,877.24	5,790.90	17.08	15.89	120.12	12.71	985.53	437.70	404.49	33.21	13.180		
6,000.00	5,877.62	5,976.91	5,888.70	17.42	16.22	120.04	13.00	1,004.73	445.85	411.98	33.87	13.163		
6,100.00	5,975.30	6,076.57	5,986.49	17.75	16.55	119.97	13.28	1,023.94	454.00	419.47	34.53	13.147		
6,200.00	6,072.99	6,176.24	6,084.29	18.09	16.88	119.90	13.57	1,043.14	462.15	426.95	35.20	13.130		
6,300.00	6,170.67	6,275.90	6,182.09	18.43	17.21	119.83	13.85	1,062.34	470.30	434.44	35.87	13.113		
6,400.00	6,268.36	6,375.57	6,279.89	18.77	17.54	119.77	14.14	1,081.55	478.46	441.92	36.54	13.095		
6,500.00	6,366.05	6,475.23	6,377.69	19.11	17.88	119.70	14.42	1,100.75	486.61	449.40	37.21	13.078		
6,600.00	6,463.73	6,574.90	6,475.48	19.45	18.21	119.64	14.71	1,119.95	494.77	456.89	37.88	13.061		
6,700.00	6,561.42	6,674.57	6,573.28	19.79	18.54	119.58	14.99	1,139.15	502.92	464.37	38.56	13.044		
6,800.00	6,659.10	6,774.23	6,671.08	20.13	18.88	119.53	15.28	1,158.36	511.08	471.84	39.23	13.027		
6,900.00	6,756.79	6,873.90	6,768.88	20.48	19.22	119.47	15.56	1,177.56	519.23	479.32	39.91	13.010		
7,000.00	6,853.49	6,981.38	6,873.18	20.85	19.62	110.94	15.88	1,203.13	527.29	486.59	40.70	12.956		
7,100.00	6,945.46	7,091.78	6,974.48	21.34	20.17	105.23	16.27	1,246.67	534.86	493.11	41.75	12.812		
7,200.00	7,030.35	7,201.80	7,066.45	21.94	20.85	101.81	16.69	1,306.80	541.74	498.69	43.05	12.584		
7,300.00	7,106.06	7,311.13	7,146.25	22.66	21.68	99.32	17.14	1,381.34	547.79	503.18	44.61	12.279		
7,400.00	7,170.73	7,419.50	7,211.62	23.49	22.62	97.30	17.60	1,467.60	552.91	506.49	46.41	11.912		
7,500.00	7,222.77	7,526.68	7,260.98	24.43	23.67	95.57	18.07	1,562.60	557.00	508.57	48.43	11.501		
7,600.00	7,260.89	7,632.49	7,293.41	25.45	24.80	94.06	18.51	1,663.18	560.01	509.39	50.61	11.064		
7,700.00	7,284.16	7,736.79	7,308.66	26.55	25.97	92.75	18.93	1,766.25	561.89	508.99	52.91	10.621		
7,800.00	7,292.01	7,838.06	7,309.76	27.69	27.15	91.91	19.30	1,867.48	562.71	507.49	55.22	10.190		
7,900.00	7,291.78	7,938.06	7,309.34	28.86	28.36	91.89	19.67	1,967.48	563.12	505.52	57.60	9.776		
8,000.00	7,291.56	8,038.05	7,308.93	30.07	29.61	91.87	20.04	2,067.47	563.53	503.45	60.08	9.380		
8,100.00	7,291.34	8,138.05	7,308.51	31.33	30.90	91.85	20.41	2,167.47	563.93	501.30	62.63	9.004		
8,200.00	7,291.11	8,238.05	7,308.09	32.62	32.23	91.82	20.79	2,267.47	564.34	499.08	65.26	8.648		
8,300.00	7,290.89	8,338.05	7,307.67	33.95	33.59	91.80	21.16	2,367.47	564.74	496.79	67.95	8.311		
8,400.00	7,290.67	8,438.05	7,307.26	35.30	34.98	91.78	21.53	2,467.46	565.15	494.45	70.70	7.994		
8,500.00	7,290.44	8,538.05	7,306.84	36.69	36.39	91.76	21.90	2,567.46	565.56	492.06	73.49	7.695		
8,600.00	7,290.22	8,638.05	7,306.42	38.09	37.82	91.74	22.27	2,667.46	565.96	489.63	76.34	7.414		
8,700.00	7,290.00	8,738.05	7,306.01	39.51	39.27	91.72	22.64	2,767.46	566.37	487.15	79.22	7.150		
8,800.00	7,289.78	8,838.05	7,305.59	40.96	40.74	91.70	23.01	2,867.45	566.78	484.64	82.13	6.901		
8,900.00	7,289.55	8,938.05	7,305.17	42.42	42.23	91.68	23.38	2,967.45	567.18	482.10	85.08	6.666		
9,000.00	7,289.33	9,038.04	7,304.75	43.89	43.72	91.66	23.75	3,067.45	567.59	479.53	88.06	6.446		
9,100.00	7,289.11	9,138.04	7,304.34	45.38	45.23	91.64	24.12	3,167.45	568.00	476.94	91.06	6.238		
9,200.00	7,288.88	9,238.04	7,303.92	46.88	46.75	91.62	24.49	3,267.44	568.40	474.32	94.08	6.041		
9,300.00	7,288.66	9,338.04	7,303.50	48.39	48.28	91.60	24.86	3,367.44	568.81	471.68	97.13	5.856		
9,400.00	7,288.44	9,438.04	7,303.08	49.91	49.82	91.57	25.23	3,467.44	569.22	469.02	100.20	5.681		
9,500.00	7,288.21	9,538.04	7,302.67	51.44	51.37	91.55	25.60	3,567.44	569.62	466.35	103.28	5.515		
9,600.00	7,287.99	9,638.04	7,302.25	52.98	52.93	91.53	25.97	3,667.43	570.03	463.65	106.38	5.359		
9,700.00	7,287.77	9,738.04	7,301.83	54.53	54.49	91.51	26.34	3,767.43	570.44	460.95	109.49	5.210		
9,800.00	7,287.54	9,838.04	7,301.42	56.09	56.06	91.49	26.71	3,867.43	570.85	458.23	112.62	5.069		
9,900.00	7,287.32	9,938.03	7,301.00	57.65	57.63	91.47	27.08	3,967.43	571.25	455.50	115.76	4.935		
10,000.00	7,287.10	10,038.03	7,300.58	59.21	59.21	91.45	27.45	4,067.42	571.66	452.75	118.91	4.808		
10,100.00	7,286.87	10,138.03	7,300.16	60.79	60.80	91.43	27.82	4,167.42	572.07	450.00	122.07	4.687		
10,200.00	7,286.65	10,238.03	7,299.75	62.36	62.39	91.41	28.19	4,267.42	572.48	447.24	125.24	4.571		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,286.43	10,338.03	7,299.33	63.95	63.98	91.39	28.56	4,367.41	572.88	444.47	128.42	4.461	
10,400.00	7,286.20	10,438.03	7,298.91	65.53	65.58	91.37	28.93	4,467.41	573.29	441.69	131.60	4.356	
10,500.00	7,285.98	10,538.03	7,298.50	67.12	67.18	91.35	29.30	4,567.41	573.70	438.90	134.80	4.256	
10,600.00	7,285.76	10,638.03	7,298.08	68.72	68.79	91.33	29.67	4,667.41	574.11	436.11	138.00	4.160	
10,700.00	7,285.53	10,738.03	7,297.66	70.32	70.40	91.31	30.04	4,767.40	574.51	433.31	141.21	4.069	
10,800.00	7,285.31	10,838.03	7,297.24	71.92	72.01	91.29	30.41	4,867.40	574.92	430.50	144.42	3.981	
10,900.00	7,285.09	10,938.02	7,296.83	73.52	73.62	91.27	30.78	4,967.40	575.33	427.69	147.64	3.897	
11,000.00	7,284.86	11,038.02	7,296.41	75.13	75.24	91.25	31.16	5,067.40	575.74	424.87	150.87	3.816	
11,100.00	7,284.64	11,138.02	7,295.99	76.74	76.86	91.23	31.53	5,167.39	576.15	422.05	154.10	3.739	
11,200.00	7,284.42	11,238.02	7,295.57	78.35	78.48	91.21	31.90	5,267.39	576.56	419.22	157.34	3.665	
11,300.00	7,284.19	11,338.02	7,295.16	79.97	80.10	91.19	32.27	5,367.39	576.96	416.39	160.58	3.593	
11,400.00	7,283.97	11,438.02	7,294.74	81.59	81.72	91.17	32.64	5,467.39	577.37	413.55	163.82	3.524	
11,500.00	7,283.75	11,538.02	7,294.32	83.21	83.35	91.15	33.01	5,567.38	577.78	410.71	167.07	3.458	
11,600.00	7,283.52	11,638.02	7,293.91	84.83	84.98	91.13	33.38	5,667.38	578.19	407.87	170.32	3.395	
11,700.00	7,283.30	11,738.02	7,293.49	86.45	86.61	91.11	33.75	5,767.38	578.60	405.02	173.58	3.333	
11,800.00	7,283.08	11,838.01	7,293.07	88.08	88.24	91.09	34.12	5,867.38	579.01	402.17	176.83	3.274	
11,900.00	7,282.86	11,938.01	7,292.65	89.71	89.88	91.07	34.49	5,967.37	579.42	399.32	180.10	3.217	
12,000.00	7,282.63	12,038.01	7,292.24	91.33	91.51	91.05	34.86	6,067.37	579.82	396.46	183.36	3.162	
12,100.00	7,282.41	12,138.01	7,291.82	92.97	93.15	91.03	35.23	6,167.37	580.23	393.60	186.63	3.109	
12,200.00	7,282.19	12,238.01	7,291.40	94.60	94.78	91.01	35.60	6,267.37	580.64	390.74	189.90	3.058	
12,300.00	7,281.96	12,338.01	7,290.99	96.23	96.42	90.99	35.97	6,367.36	581.05	387.88	193.17	3.008	
12,400.00	7,281.74	12,438.01	7,290.57	97.86	98.06	90.97	36.34	6,467.36	581.46	385.01	196.45	2.960	
12,500.00	7,281.52	12,538.01	7,290.15	99.50	99.70	90.95	36.71	6,567.36	581.87	382.15	199.72	2.913	
12,600.00	7,281.29	12,638.01	7,289.73	101.14	101.34	90.93	37.08	6,667.36	582.28	379.27	203.00	2.868	
12,700.00	7,281.07	12,738.01	7,289.32	102.78	102.99	90.91	37.45	6,767.35	582.69	376.40	206.29	2.825	
12,800.00	7,280.85	12,838.00	7,288.90	104.41	104.63	90.89	37.82	6,867.35	583.10	373.53	209.57	2.782	
12,900.00	7,280.62	12,938.00	7,288.48	106.05	106.28	90.87	38.19	6,967.35	583.51	370.65	212.86	2.741	
13,000.00	7,280.40	13,038.00	7,288.06	107.70	107.92	90.85	38.56	7,067.34	583.92	367.77	216.14	2.702	
13,100.00	7,280.18	13,138.00	7,287.65	109.34	109.57	90.83	38.93	7,167.34	584.33	364.89	219.43	2.663	
13,200.00	7,279.95	13,238.00	7,287.23	110.98	111.22	90.81	39.30	7,267.34	584.74	362.01	222.72	2.625	
13,300.00	7,279.73	13,338.00	7,286.81	112.62	112.86	90.79	39.67	7,367.34	585.15	359.13	226.01	2.589	
13,400.00	7,279.51	13,438.00	7,286.40	114.27	114.51	90.77	40.04	7,467.33	585.56	356.25	229.31	2.554	
13,500.00	7,279.28	13,538.00	7,285.98	115.91	116.16	90.75	40.41	7,567.33	585.97	353.36	232.60	2.519	
13,600.00	7,279.06	13,638.00	7,285.56	117.56	117.81	90.73	40.78	7,667.33	586.38	350.47	235.90	2.486	
13,700.00	7,278.84	13,738.00	7,285.14	119.21	119.46	90.71	41.16	7,767.33	586.79	347.59	239.20	2.453	
13,800.00	7,278.61	13,837.99	7,284.73	120.85	121.11	90.69	41.53	7,867.32	587.20	344.70	242.50	2.421	
13,900.00	7,278.39	13,937.99	7,284.31	122.50	122.76	90.67	41.90	7,967.32	587.61	341.81	245.80	2.391	
14,000.00	7,278.17	14,037.99	7,283.89	124.15	124.42	90.65	42.27	8,067.32	588.02	338.92	249.10	2.361	
14,100.00	7,277.94	14,137.99	7,283.48	125.80	126.07	90.64	42.64	8,167.32	588.43	336.02	252.40	2.331	
14,200.00	7,277.72	14,237.99	7,283.06	127.45	127.72	90.62	43.01	8,267.31	588.84	333.13	255.71	2.303	
14,300.00	7,277.50	14,337.99	7,282.64	129.10	129.38	90.60	43.38	8,367.31	589.25	330.24	259.01	2.275	
14,400.00	7,277.27	14,437.99	7,282.22	130.75	131.03	90.58	43.75	8,467.31	589.66	327.34	262.32	2.248	
14,500.00	7,277.05	14,537.99	7,281.81	132.40	132.69	90.56	44.12	8,567.31	590.07	324.45	265.62	2.221	
14,600.00	7,276.83	14,637.99	7,281.39	134.06	134.34	90.54	44.49	8,667.30	590.48	321.55	268.93	2.196	
14,700.00	7,276.60	14,737.98	7,280.97	135.71	136.00	90.52	44.86	8,767.30	590.89	318.65	272.24	2.170	
14,800.00	7,276.38	14,837.98	7,280.55	137.36	137.65	90.50	45.23	8,867.30	591.30	315.75	275.55	2.146	
14,900.00	7,276.16	14,937.98	7,280.14	139.02	139.31	90.48	45.60	8,967.30	591.71	312.85	278.86	2.122	
15,000.00	7,275.94	15,037.98	7,279.72	140.67	140.96	90.46	45.97	9,067.29	592.12	309.95	282.17	2.098	
15,100.00	7,275.71	15,137.98	7,279.30	142.32	142.62	90.44	46.34	9,167.29	592.53	307.05	285.48	2.076	
15,200.00	7,275.49	15,237.98	7,278.89	143.98	144.28	90.42	46.71	9,267.29	592.94	304.15	288.79	2.053	
15,300.00	7,275.27	15,337.98	7,278.47	145.63	145.94	90.41	47.08	9,367.29	593.35	301.25	292.10	2.031	
15,400.00	7,275.04	15,437.98	7,278.05	147.29	147.60	90.39	47.45	9,467.28	593.77	298.35	295.42	2.010	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 Depth (usft)	Vertical Depth (usft)	Measured Depth Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor					
15,500.00	7,274.82	15,537.98	7,277.63	148.95	149.25	90.37	47.82	9,567.28	594.18	295.45	298.73	1.989					
15,600.00	7,274.60	15,637.98	7,277.22	150.60	150.91	90.35	48.19	9,667.28	594.59	292.54	302.05	1.969					
15,700.00	7,274.37	15,737.97	7,276.80	152.26	152.57	90.33	48.56	9,767.27	595.00	289.64	305.36	1.949					
15,800.00	7,274.15	15,837.97	7,276.38	153.92	154.23	90.31	48.93	9,867.27	595.41	286.73	308.68	1.929					
15,900.00	7,273.93	15,937.97	7,275.97	155.57	155.89	90.29	49.30	9,967.27	595.82	283.83	311.99	1.910					
16,000.00	7,273.70	16,037.97	7,275.55	157.23	157.55	90.27	49.67	10,067.27	596.23	280.92	315.31	1.891					
16,100.00	7,273.48	16,137.97	7,275.13	158.89	159.21	90.25	50.04	10,167.26	596.65	278.02	318.63	1.873					
16,200.00	7,273.26	16,237.97	7,274.71	160.55	160.87	90.24	50.41	10,267.26	597.06	275.11	321.95	1.855					
16,300.00	7,273.03	16,337.97	7,274.30	162.20	162.53	90.22	50.78	10,367.26	597.47	272.20	325.26	1.837					
16,400.00	7,272.81	16,437.97	7,273.88	163.86	164.19	90.20	51.15	10,467.26	597.88	269.30	328.58	1.820					
16,500.00	7,272.59	16,537.97	7,273.46	165.52	165.85	90.18	51.53	10,567.25	598.29	266.39	331.90	1.803					
16,600.00	7,272.36	16,637.97	7,273.05	167.18	167.52	90.16	51.90	10,667.25	598.70	263.48	335.22	1.786					
16,700.00	7,272.14	16,737.96	7,272.63	168.84	169.18	90.14	52.27	10,767.25	599.12	260.57	338.54	1.770					
16,800.00	7,271.92	16,837.96	7,272.21	170.50	170.84	90.12	52.64	10,867.25	599.53	257.67	341.86	1.754					
16,900.00	7,271.69	16,937.96	7,271.79	172.16	172.50	90.10	53.01	10,967.24	599.94	254.76	345.18	1.738					
17,000.00	7,271.47	17,037.96	7,271.38	173.82	174.16	90.09	53.38	11,067.24	600.35	251.85	348.51	1.723					
17,100.00	7,271.25	17,137.96	7,270.96	175.48	175.82	90.07	53.75	11,167.24	600.77	248.94	351.83	1.708					
17,200.00	7,271.02	17,237.96	7,270.54	177.14	177.49	90.05	54.12	11,267.24	601.18	246.03	355.15	1.693					
17,300.00	7,270.80	17,337.96	7,270.12	178.80	179.15	90.03	54.49	11,367.23	601.59	243.12	358.47	1.678					
17,400.00	7,270.58	17,437.96	7,269.71	180.46	180.81	90.01	54.86	11,467.23	602.00	240.21	361.79	1.664					
17,500.00	7,270.35	17,537.96	7,269.29	182.12	182.48	89.99	55.23	11,567.23	602.41	237.30	365.12	1.650					
17,600.00	7,270.13	17,637.95	7,268.87	183.79	184.14	89.97	55.60	11,667.23	602.83	234.39	368.44	1.636					
17,700.00	7,269.91	17,737.95	7,268.46	185.45	185.80	89.96	55.97	11,767.22	603.24	231.47	371.77	1.623					
17,800.00	7,269.68	17,837.95	7,268.04	187.11	187.47	89.94	56.34	11,867.22	603.65	228.56	375.09	1.609					
17,900.00	7,269.46	17,937.95	7,267.62	188.77	189.13	89.92	56.71	11,967.22	604.07	225.65	378.41	1.596					
18,000.00	7,269.24	18,037.95	7,267.20	190.43	190.79	89.90	57.08	12,067.22	604.48	222.74	381.74	1.583					
18,100.00	7,269.02	18,137.95	7,266.79	192.10	192.46	89.88	57.45	12,167.21	604.89	219.83	385.06	1.571 SF					
18,200.00	7,268.79	18,187.14	7,266.58	193.76	193.27	89.87	57.63	12,216.40	607.43	221.60	385.84	1.574					
18,206.76	7,268.78	18,187.14	7,266.58	193.87	193.27	89.87	57.63	12,216.40	608.06	222.54	385.53	1.577					

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	90.42	-0.73	99.95	99.95				
100.00	100.00	101.00	99.00	3.28	3.28	90.42	-0.73	99.95	99.95	92.42	7.53	13.276	
200.00	200.00	201.00	199.00	3.31	3.31	90.42	-0.73	99.95	99.95	92.38	7.57	13.196 CC, ES	
300.00	300.00	296.34	296.33	3.35	3.35	90.49	-0.86	100.96	101.00	93.34	7.66	13.188	
400.00	399.98	392.87	392.76	3.41	3.41	24.38	-1.42	105.12	103.72	95.95	7.77	13.344	
500.00	499.84	489.26	488.86	3.50	3.49	25.92	-2.40	112.48	106.66	98.75	7.92	13.471	
600.00	599.45	585.46	584.47	3.61	3.60	28.28	-3.81	123.02	109.96	101.86	8.10	13.580	
700.00	698.70	681.45	679.45	3.75	3.73	31.34	-5.63	136.71	113.80	105.49	8.31	13.693	
800.00	797.47	779.63	776.20	3.91	3.91	35.11	-7.85	153.29	117.79	109.20	8.59	13.713	
900.00	895.62	879.15	874.22	4.12	4.12	39.70	-10.12	170.32	119.80	110.87	8.94	13.408	
1,000.00	993.32	978.54	972.12	4.36	4.35	44.88	-12.39	187.32	120.93	111.59	9.34	12.949	
1,100.00	1,091.01	1,077.93	1,070.02	4.63	4.60	49.95	-14.66	204.33	123.00	113.20	9.80	12.551	
1,200.00	1,188.69	1,177.32	1,167.92	4.93	4.87	54.81	-16.92	221.33	126.01	115.70	10.31	12.217	
1,300.00	1,286.38	1,276.71	1,265.81	5.24	5.16	59.42	-19.19	238.34	129.89	119.01	10.88	11.940	
1,400.00	1,384.06	1,376.09	1,363.71	5.57	5.46	63.73	-21.46	255.35	134.56	123.08	11.48	11.717	
1,500.00	1,481.75	1,475.48	1,461.61	5.92	5.77	67.74	-23.73	272.35	139.95	127.82	12.13	11.538	
1,600.00	1,579.44	1,574.87	1,559.51	6.27	6.08	71.44	-26.00	289.36	145.98	133.18	12.80	11.401	
1,700.00	1,677.12	1,674.26	1,657.40	6.63	6.41	74.83	-28.27	306.36	152.57	139.06	13.50	11.298	
1,800.00	1,774.81	1,773.65	1,755.30	7.01	6.74	77.94	-30.54	323.37	159.65	145.43	14.22	11.225	
1,900.00	1,872.49	1,873.04	1,853.20	7.21	6.96	80.77	-32.81	340.37	167.16	152.86	14.30	11.689	
2,000.00	1,970.18	1,972.43	1,951.10	7.26	7.04	83.36	-35.08	357.38	175.04	160.57	14.47	12.096	
2,100.00	2,067.87	2,071.82	2,048.99	7.33	7.09	85.72	-37.34	374.38	183.25	168.62	14.63	12.526	
2,200.00	2,165.55	2,171.21	2,146.89	7.42	7.16	87.88	-39.61	391.39	191.74	176.93	14.82	12.942	
2,300.00	2,263.24	2,270.60	2,244.79	7.52	7.24	89.85	-41.88	408.40	200.48	185.45	15.03	13.340	
2,400.00	2,360.92	2,369.99	2,342.68	7.64	7.34	91.66	-44.15	425.40	209.44	194.17	15.27	13.717	
2,500.00	2,458.61	2,469.38	2,440.58	7.77	7.45	93.31	-46.42	442.41	218.59	203.05	15.53	14.072	
2,600.00	2,556.30	2,568.76	2,538.48	7.92	7.58	94.84	-48.69	459.41	227.90	212.08	15.82	14.402	
2,700.00	2,653.98	2,668.15	2,636.38	8.08	7.71	96.24	-50.96	476.42	237.36	221.23	16.14	14.708	
2,800.00	2,751.67	2,767.54	2,734.27	8.26	7.86	97.54	-53.23	493.42	246.96	230.48	16.48	14.990	
2,900.00	2,849.35	2,866.93	2,832.17	8.45	8.03	98.73	-55.50	510.43	256.67	239.83	16.83	15.247	
3,000.00	2,947.04	2,966.32	2,930.07	8.65	8.20	99.84	-57.77	527.43	266.48	249.26	17.21	15.481	
3,100.00	3,044.72	3,065.71	3,027.97	8.86	8.38	100.87	-60.03	544.44	276.38	258.77	17.61	15.693	
3,200.00	3,142.41	3,165.10	3,125.86	9.08	8.58	101.83	-62.30	561.45	286.37	268.34	18.03	15.884	
3,300.00	3,240.10	3,264.49	3,223.76	9.31	8.78	102.73	-64.57	578.45	296.43	277.97	18.46	16.056	
3,400.00	3,337.78	3,363.88	3,321.66	9.55	8.99	103.57	-66.84	595.46	306.56	287.65	18.91	16.210	
3,500.00	3,435.47	3,463.27	3,419.55	9.80	9.21	104.35	-69.11	612.46	316.75	297.37	19.38	16.347	
3,600.00	3,533.15	3,562.66	3,517.45	10.05	9.44	105.08	-71.38	629.47	326.99	307.14	19.86	16.469	
3,700.00	3,630.84	3,662.05	3,615.35	10.31	9.67	105.77	-73.65	646.47	337.29	316.94	20.35	16.577	
3,800.00	3,728.53	3,761.44	3,713.25	10.58	9.91	106.42	-75.92	663.48	347.63	326.78	20.85	16.673	
3,900.00	3,826.21	3,860.82	3,811.14	10.85	10.15	107.03	-78.19	680.48	358.01	336.65	21.37	16.757	
4,000.00	3,923.90	3,960.21	3,909.04	11.13	10.40	107.61	-80.45	697.49	368.43	346.54	21.89	16.831	
4,100.00	4,021.58	4,059.60	4,006.94	11.42	10.66	108.15	-82.72	714.50	378.88	356.46	22.42	16.896	
4,200.00	4,119.27	4,158.99	4,104.84	11.70	10.92	108.67	-84.99	731.50	389.37	366.40	22.97	16.952	
4,300.00	4,216.96	4,258.38	4,202.73	12.00	11.18	109.16	-87.26	748.51	399.89	376.37	23.52	17.001	
4,400.00	4,314.64	4,357.77	4,300.63	12.29	11.45	109.62	-89.53	765.51	410.43	386.35	24.08	17.044	
4,500.00	4,412.33	4,457.16	4,398.53	12.59	11.72	110.06	-91.80	782.52	421.00	396.35	24.65	17.080	
4,600.00	4,510.01	4,556.55	4,496.42	12.90	12.00	110.48	-94.07	799.52	431.59	406.37	25.22	17.111	
4,700.00	4,607.70	4,655.94	4,594.32	13.21	12.28	110.88	-96.34	816.53	442.20	416.40	25.80	17.137	
4,800.00	4,705.39	4,755.33	4,692.22	13.52	12.56	111.26	-98.61	833.53	452.84	426.45	26.39	17.160	
4,900.00	4,803.07	4,854.72	4,790.12	13.83	12.84	111.62	-100.88	850.54	463.49	436.51	26.98	17.178	
5,000.00	4,900.76	4,954.11	4,888.01	14.14	13.13	111.97	-103.14	867.55	474.16	446.58	27.58	17.193	
5,100.00	4,998.44	5,053.49	4,985.91	14.46	13.42	112.30	-105.41	884.55	484.85	456.67	28.18	17.205	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	
5,200.00	5,096.13	5,152.88	5,083.81	14.78	13.71	112.61	-107.68	901.56	495.55	466.76	28.79	17.214	
5,300.00	5,193.82	5,252.27	5,181.70	15.11	14.01	112.92	-109.95	918.56	506.26	476.87	29.40	17.220	
5,400.00	5,291.50	5,351.66	5,279.60	15.43	14.30	113.21	-112.22	935.57	516.99	486.98	30.01	17.225	
5,500.00	5,389.19	5,451.05	5,377.50	15.76	14.60	113.49	-114.49	952.57	527.74	497.10	30.63	17.228	
5,600.00	5,486.87	5,550.44	5,475.40	16.09	14.90	113.75	-116.76	969.58	538.49	507.24	31.26	17.229	
5,700.00	5,584.56	5,649.83	5,573.29	16.42	15.21	114.01	-119.03	986.58	549.26	517.38	31.88	17.228	
5,800.00	5,682.25	5,749.22	5,671.19	16.75	15.51	114.26	-121.30	1,003.59	560.03	527.52	32.51	17.227	
5,900.00	5,779.93	5,848.61	5,769.09	17.08	15.82	114.50	-123.57	1,020.60	570.82	537.68	33.14	17.224	
6,000.00	5,877.62	5,948.00	5,866.99	17.42	16.12	114.73	-125.83	1,037.60	581.61	547.84	33.78	17.220	
6,100.00	5,975.30	6,047.39	5,964.88	17.75	16.43	114.95	-128.10	1,054.61	592.42	558.00	34.41	17.215	
6,200.00	6,072.99	6,146.78	6,062.78	18.09	16.74	115.16	-130.37	1,071.61	603.23	568.18	35.05	17.209	
6,300.00	6,170.67	6,246.16	6,160.68	18.43	17.05	115.36	-132.64	1,088.62	614.05	578.35	35.70	17.203	
6,400.00	6,268.36	6,345.55	6,258.57	18.77	17.36	115.56	-134.91	1,105.62	624.88	588.54	36.34	17.196	
6,500.00	6,366.05	6,444.94	6,356.47	19.11	17.68	115.75	-137.18	1,122.63	635.71	598.73	36.99	17.188	
6,600.00	6,463.73	6,544.33	6,454.37	19.45	17.99	115.94	-139.45	1,139.63	646.55	608.92	37.63	17.180	
6,700.00	6,561.42	6,643.72	6,552.27	19.79	18.30	116.12	-141.72	1,156.64	657.40	619.12	38.28	17.171	
6,800.00	6,659.10	6,747.09	6,653.62	20.13	18.65	116.10	-144.05	1,176.61	668.10	629.13	38.97	17.142	
6,900.00	6,756.79	6,852.05	6,752.43	20.48	19.10	114.79	-146.24	1,211.58	677.97	638.19	39.78	17.042	
7,000.00	6,853.49	6,951.19	6,839.32	20.85	19.64	104.06	-148.06	1,259.09	687.84	647.15	40.69	16.905	
7,100.00	6,945.46	7,046.41	6,914.86	21.34	20.25	96.33	-149.54	1,316.89	698.17	656.42	41.76	16.719	
7,200.00	7,030.35	7,138.39	6,978.88	21.94	20.93	91.20	-150.70	1,382.81	708.61	665.63	42.99	16.485	
7,300.00	7,106.06	7,227.61	7,031.28	22.66	21.68	87.30	-151.53	1,454.92	718.75	674.39	44.36	16.203	
7,400.00	7,170.73	7,314.51	7,072.16	23.49	22.48	84.20	-152.07	1,531.53	728.17	682.31	45.86	15.877	
7,500.00	7,222.77	7,399.48	7,101.69	24.43	23.33	81.70	-152.31	1,611.13	736.51	689.02	47.48	15.511	
7,600.00	7,260.89	7,482.86	7,120.12	25.45	24.22	79.73	-152.27	1,692.39	743.40	694.20	49.20	15.109	
7,700.00	7,284.16	7,564.94	7,127.75	26.55	25.12	78.25	-151.97	1,774.06	748.56	697.57	50.99	14.682	
7,800.00	7,292.01	7,659.93	7,127.67	27.69	26.20	77.44	-151.40	1,869.05	751.08	698.03	53.06	14.156	
7,900.00	7,291.78	7,759.93	7,127.23	28.86	27.39	77.43	-150.79	1,969.04	751.30	695.95	55.35	13.573	
8,000.00	7,291.56	7,859.93	7,126.78	30.07	28.62	77.41	-150.18	2,069.04	751.52	693.77	57.75	13.014	
8,100.00	7,291.34	7,959.93	7,126.33	31.33	29.91	77.40	-149.57	2,169.04	751.74	691.52	60.23	12.482	
8,200.00	7,291.11	8,059.93	7,125.89	32.62	31.22	77.38	-148.96	2,269.03	751.96	689.18	62.78	11.978	
8,300.00	7,290.89	8,159.93	7,125.44	33.95	32.58	77.37	-148.36	2,369.03	752.18	686.79	65.39	11.502	
8,400.00	7,290.67	8,259.93	7,125.00	35.30	33.96	77.36	-147.75	2,469.03	752.40	684.33	68.07	11.054	
8,500.00	7,290.44	8,359.93	7,124.55	36.69	35.36	77.34	-147.14	2,569.02	752.62	681.83	70.79	10.631	
8,600.00	7,290.22	8,459.93	7,124.10	38.09	36.79	77.33	-146.53	2,669.02	752.84	679.27	73.56	10.234	
8,700.00	7,290.00	8,559.93	7,123.66	39.51	38.24	77.32	-145.93	2,769.02	753.06	676.68	76.37	9.860	
8,800.00	7,289.78	8,659.93	7,123.21	40.96	39.71	77.30	-145.32	2,869.01	753.28	674.06	79.22	9.509	
8,900.00	7,289.55	8,759.93	7,122.76	42.42	41.19	77.29	-144.71	2,969.01	753.50	671.40	82.10	9.178	
9,000.00	7,289.33	8,859.93	7,122.32	43.89	42.69	77.28	-144.10	3,069.01	753.72	668.71	85.01	8.867	
9,100.00	7,289.11	8,959.93	7,121.87	45.38	44.19	77.26	-143.49	3,169.00	753.94	666.00	87.94	8.573	
9,200.00	7,288.88	9,059.93	7,121.43	46.88	45.71	77.25	-142.89	3,269.00	754.16	663.26	90.90	8.297	
9,300.00	7,288.66	9,159.93	7,120.98	48.39	47.25	77.23	-142.28	3,369.00	754.38	660.50	93.87	8.036	
9,400.00	7,288.44	9,259.93	7,120.53	49.91	48.79	77.22	-141.67	3,468.99	754.60	657.73	96.87	7.790	
9,500.00	7,288.21	9,359.93	7,120.09	51.44	50.33	77.21	-141.06	3,568.99	754.82	654.93	99.88	7.557	
9,600.00	7,287.99	9,459.93	7,119.64	52.98	51.89	77.19	-140.46	3,668.99	755.04	652.12	102.91	7.337	
9,700.00	7,287.77	9,559.93	7,119.19	54.53	53.45	77.18	-139.85	3,768.98	755.26	649.30	105.96	7.128	
9,800.00	7,287.54	9,659.93	7,118.75	56.09	55.02	77.17	-139.24	3,868.98	755.48	646.46	109.02	6.930	
9,900.00	7,287.32	9,759.92	7,118.30	57.65	56.60	77.15	-138.63	3,968.98	755.70	643.61	112.09	6.742	
10,000.00	7,287.10	9,859.92	7,117.86	59.21	58.18	77.14	-138.02	4,068.97	755.92	640.75	115.17	6.564	
10,100.00	7,286.87	9,959.92	7,117.41	60.79	59.77	77.13	-137.42	4,168.97	756.14	637.88	118.26	6.394	
10,200.00	7,286.65	10,059.92	7,116.96	62.36	61.36	77.11	-136.81	4,268.97	756.36	635.00	121.36	6.233	
10,300.00	7,286.43	10,159.92	7,116.52	63.95	62.95	77.10	-136.20	4,368.96	756.58	632.11	124.47	6.079	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	7,286.20	10,259.92	7,116.07	65.53	64.55	77.09	-135.59	4,468.96	756.80	629.22	127.58	5.932	
10,500.00	7,285.98	10,359.92	7,115.62	67.12	66.15	77.07	-134.99	4,568.96	757.02	626.31	130.71	5.792	
10,600.00	7,285.76	10,459.92	7,115.18	68.72	67.76	77.06	-134.38	4,668.95	757.24	623.40	133.84	5.658	
10,700.00	7,285.53	10,559.92	7,114.73	70.32	69.37	77.05	-133.77	4,768.95	757.46	620.49	136.97	5.530	
10,800.00	7,285.31	10,659.92	7,114.28	71.92	70.98	77.03	-133.16	4,868.95	757.68	617.56	140.12	5.407	
10,900.00	7,285.09	10,759.92	7,113.84	73.52	72.59	77.02	-132.55	4,968.95	757.90	614.64	143.27	5.290	
11,000.00	7,284.86	10,859.92	7,113.39	75.13	74.21	77.00	-131.95	5,068.94	758.12	611.70	146.42	5.178	
11,100.00	7,284.64	10,959.92	7,112.95	76.74	75.83	76.99	-131.34	5,168.94	758.34	608.77	149.58	5.070	
11,200.00	7,284.42	11,059.92	7,112.50	78.35	77.45	76.98	-130.73	5,268.94	758.57	605.82	152.74	4.966	
11,300.00	7,284.19	11,159.92	7,112.05	79.97	79.08	76.96	-130.12	5,368.93	758.79	602.88	155.91	4.867	
11,400.00	7,283.97	11,259.92	7,111.61	81.59	80.70	76.95	-129.51	5,468.93	759.01	599.93	159.08	4.771	
11,500.00	7,283.75	11,359.92	7,111.16	83.21	82.33	76.94	-128.91	5,568.93	759.23	596.97	162.26	4.679	
11,600.00	7,283.52	11,459.92	7,110.71	84.83	83.96	76.92	-128.30	5,668.92	759.45	594.01	165.43	4.591	
11,700.00	7,283.30	11,559.92	7,110.27	86.45	85.59	76.91	-127.69	5,768.92	759.67	591.05	168.62	4.505	
11,800.00	7,283.08	11,659.92	7,109.82	88.08	87.22	76.90	-127.08	5,868.92	759.89	588.09	171.80	4.423	
11,900.00	7,282.86	11,759.92	7,109.38	89.71	88.86	76.88	-126.48	5,968.91	760.11	585.12	174.99	4.344	
12,000.00	7,282.63	11,859.92	7,108.93	91.33	90.49	76.87	-125.87	6,068.91	760.33	582.16	178.18	4.267	
12,100.00	7,282.41	11,959.92	7,108.48	92.97	92.13	76.86	-125.26	6,168.91	760.55	579.18	181.37	4.193	
12,200.00	7,282.19	12,059.92	7,108.04	94.60	93.77	76.84	-124.65	6,268.90	760.78	576.21	184.57	4.122	
12,300.00	7,281.96	12,159.92	7,107.59	96.23	95.41	76.83	-124.04	6,368.90	761.00	573.23	187.76	4.053	
12,400.00	7,281.74	12,259.91	7,107.14	97.86	97.05	76.82	-123.44	6,468.90	761.22	570.26	190.96	3.986	
12,500.00	7,281.52	12,359.91	7,106.70	99.50	98.69	76.80	-122.83	6,568.89	761.44	567.28	194.16	3.922	
12,600.00	7,281.29	12,459.91	7,106.25	101.14	100.33	76.79	-122.22	6,668.89	761.66	564.29	197.37	3.859	
12,700.00	7,281.07	12,559.91	7,105.80	102.78	101.97	76.78	-121.61	6,768.89	761.88	561.31	200.57	3.799	
12,800.00	7,280.85	12,659.91	7,105.36	104.41	103.62	76.76	-121.01	6,868.88	762.10	558.32	203.78	3.740	
12,900.00	7,280.62	12,759.91	7,104.91	106.05	105.26	76.75	-120.40	6,968.88	762.32	555.34	206.99	3.683	
13,000.00	7,280.40	12,859.91	7,104.47	107.70	106.91	76.74	-119.79	7,068.88	762.55	552.35	210.20	3.628	
13,100.00	7,280.18	12,959.91	7,104.02	109.34	108.56	76.72	-119.18	7,168.87	762.77	549.36	213.41	3.574	
13,200.00	7,279.95	13,059.91	7,103.57	110.98	110.20	76.71	-118.57	7,268.87	762.99	546.37	216.62	3.522	
13,300.00	7,279.73	13,159.91	7,103.13	112.62	111.85	76.70	-117.97	7,368.87	763.21	543.38	219.84	3.472	
13,400.00	7,279.51	13,259.91	7,102.68	114.27	113.50	76.68	-117.36	7,468.86	763.43	540.38	223.05	3.423	
13,500.00	7,279.28	13,359.91	7,102.23	115.91	115.15	76.67	-116.75	7,568.86	763.65	537.39	226.27	3.375	
13,600.00	7,279.06	13,459.91	7,101.79	117.56	116.80	76.66	-116.14	7,668.86	763.88	534.39	229.49	3.329	
13,700.00	7,278.84	13,559.91	7,101.34	119.21	118.45	76.64	-115.53	7,768.85	764.10	531.39	232.70	3.284	
13,800.00	7,278.61	13,659.91	7,100.90	120.85	120.10	76.63	-114.93	7,868.85	764.32	528.40	235.92	3.240	
13,900.00	7,278.39	13,759.91	7,100.45	122.50	121.76	76.62	-114.32	7,968.85	764.54	525.40	239.14	3.197	
14,000.00	7,278.17	13,859.91	7,100.00	124.15	123.41	76.60	-113.71	8,068.84	764.76	522.40	242.36	3.155	
14,100.00	7,277.94	13,959.91	7,099.56	125.80	125.06	76.59	-113.10	8,168.84	764.99	519.40	245.59	3.115	
14,200.00	7,277.72	14,059.91	7,099.11	127.45	126.72	76.58	-112.50	8,268.84	765.21	516.40	248.81	3.075	
14,300.00	7,277.50	14,159.91	7,098.66	129.10	128.37	76.57	-111.89	8,368.83	765.43	513.40	252.03	3.037	
14,400.00	7,277.27	14,259.91	7,098.22	130.75	130.02	76.55	-111.28	8,468.83	765.65	510.39	255.26	3.000	
14,500.00	7,277.05	14,359.91	7,097.77	132.40	131.68	76.54	-110.67	8,568.83	765.87	507.39	258.48	2.963	
14,600.00	7,276.83	14,459.91	7,097.33	134.06	133.33	76.53	-110.06	8,668.83	766.10	504.39	261.71	2.927	
14,700.00	7,276.60	14,559.91	7,096.88	135.71	134.99	76.51	-109.46	8,768.82	766.32	501.38	264.94	2.892	
14,800.00	7,276.38	14,659.91	7,096.43	137.36	136.65	76.50	-108.85	8,868.82	766.54	498.38	268.16	2.858	
14,900.00	7,276.16	14,759.90	7,095.99	139.02	138.30	76.49	-108.24	8,968.82	766.76	495.37	271.39	2.825	
15,000.00	7,275.94	14,859.90	7,095.54	140.67	139.96	76.47	-107.63	9,068.81	766.99	492.37	274.62	2.793	
15,100.00	7,275.71	14,959.90	7,095.09	142.32	141.62	76.46	-107.03	9,168.81	767.21	489.36	277.85	2.761	
15,200.00	7,275.49	15,059.90	7,094.65	143.98	143.28	76.45	-106.42	9,268.81	767.43	486.36	281.08	2.730	
15,300.00	7,275.27	15,159.90	7,094.20	145.63	144.93	76.43	-105.81	9,368.80	767.65	483.35	284.30	2.700	
15,400.00	7,275.04	15,259.90	7,093.75	147.29	146.59	76.42	-105.20	9,468.80	767.88	480.34	287.53	2.671	
15,500.00	7,274.82	15,359.90	7,093.31	148.95	148.25	76.41	-104.59	9,568.80	768.10	477.33	290.76	2.642	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 14N-3B-L - 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,274.60	15,459.90	7,092.86	150.60	149.91	76.39	-103.99	9,668.79	768.32	474.33	294.00	2.613	
15,700.00	7,274.37	15,559.90	7,092.42	152.26	151.57	76.38	-103.38	9,768.79	768.54	471.32	297.23	2.586	
15,800.00	7,274.15	15,659.90	7,091.97	153.92	153.23	76.37	-102.77	9,868.79	768.77	468.31	300.46	2.559	
15,900.00	7,273.93	15,759.90	7,091.52	155.57	154.89	76.36	-102.16	9,968.78	768.99	465.30	303.69	2.532	
16,000.00	7,273.70	15,859.90	7,091.08	157.23	156.55	76.34	-101.55	10,068.78	769.21	462.29	306.92	2.506	
16,100.00	7,273.48	15,959.90	7,090.63	158.89	158.21	76.33	-100.95	10,168.78	769.43	459.28	310.15	2.481	
16,200.00	7,273.26	16,059.90	7,090.18	160.55	159.87	76.32	-100.34	10,268.77	769.66	456.27	313.39	2.456	
16,300.00	7,273.03	16,159.90	7,089.74	162.20	161.53	76.30	-99.73	10,368.77	769.88	453.26	316.62	2.432	
16,400.00	7,272.81	16,259.90	7,089.29	163.86	163.19	76.29	-99.12	10,468.77	770.10	450.25	319.85	2.408	
16,500.00	7,272.59	16,359.90	7,088.85	165.52	164.85	76.28	-98.52	10,568.76	770.33	447.24	323.08	2.384	
16,600.00	7,272.36	16,459.90	7,088.40	167.18	166.51	76.26	-97.91	10,668.76	770.55	444.23	326.32	2.361	
16,700.00	7,272.14	16,559.90	7,087.95	168.84	168.18	76.25	-97.30	10,768.76	770.77	441.22	329.55	2.339	
16,800.00	7,271.92	16,659.90	7,087.51	170.50	169.84	76.24	-96.69	10,868.75	770.99	438.21	332.78	2.317	
16,900.00	7,271.69	16,759.90	7,087.06	172.16	171.50	76.22	-96.08	10,968.75	771.22	435.20	336.02	2.295	
17,000.00	7,271.47	16,859.90	7,086.61	173.82	173.16	76.21	-95.48	11,068.75	771.44	432.19	339.25	2.274	
17,100.00	7,271.25	16,959.90	7,086.17	175.48	174.82	76.20	-94.87	11,168.74	771.66	429.18	342.49	2.253	
17,200.00	7,271.02	17,059.90	7,085.72	177.14	176.49	76.19	-94.26	11,268.74	771.89	426.17	345.72	2.233	
17,300.00	7,270.80	17,159.90	7,085.28	178.80	178.15	76.17	-93.65	11,368.74	772.11	423.16	348.95	2.213	
17,400.00	7,270.58	17,259.89	7,084.83	180.46	179.81	76.16	-93.05	11,468.73	772.33	420.15	352.19	2.193	
17,500.00	7,270.35	17,359.89	7,084.38	182.12	181.48	76.15	-92.44	11,568.73	772.56	417.13	355.42	2.174	
17,600.00	7,270.13	17,459.89	7,083.94	183.79	183.14	76.13	-91.83	11,668.73	772.78	414.12	358.66	2.155	
17,700.00	7,269.91	17,559.89	7,083.49	185.45	184.80	76.12	-91.22	11,768.72	773.00	411.11	361.89	2.136	
17,800.00	7,269.68	17,659.89	7,083.04	187.11	186.47	76.11	-90.61	11,868.72	773.23	408.10	365.13	2.118	
17,900.00	7,269.46	17,759.89	7,082.60	188.77	188.13	76.10	-90.01	11,968.72	773.45	405.09	368.36	2.100	
18,000.00	7,269.24	17,859.89	7,082.15	190.43	189.79	76.08	-89.40	12,068.71	773.67	402.08	371.60	2.082	
18,100.00	7,269.02	17,959.89	7,081.70	192.10	191.46	76.07	-88.79	12,168.71	773.90	399.07	374.83	2.065 SF	
18,200.00	7,268.79	17,993.68	7,081.55	193.76	192.02	76.06	-88.59	12,202.50	776.95	401.72	375.22	2.071	
18,206.76	7,268.78	17,993.68	7,081.55	193.87	192.02	76.06	-88.59	12,202.50	777.57	402.56	375.00	2.073	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	-2.00	3.28	3.28	90.35	-0.73	119.99	120.00				
100.00	100.00	102.00	98.00	3.28	3.28	90.35	-0.73	119.99	120.00	112.47	7.53	15.938	
200.00	200.00	198.00	198.00	3.31	3.30	90.35	-0.73	119.99	120.00	112.42	7.57	15.845	CC, ES
300.00	300.00	294.20	294.19	3.35	3.34	90.57	-1.21	121.47	121.53	113.88	7.66	15.875	
400.00	399.98	390.18	390.05	3.41	3.40	24.76	-2.68	126.00	124.69	116.92	7.77	16.050	
500.00	499.84	485.96	485.48	3.50	3.49	26.68	-5.13	133.56	127.99	120.07	7.91	16.175	
600.00	599.45	581.45	580.32	3.61	3.59	29.49	-8.56	144.11	131.65	123.56	8.09	16.272	
700.00	698.70	676.58	674.38	3.75	3.73	33.07	-12.95	157.61	135.99	127.69	8.30	16.379	
800.00	797.47	775.27	771.64	3.91	3.91	37.43	-18.13	173.56	140.20	131.61	8.59	16.323	
900.00	895.62	874.44	869.36	4.12	4.12	42.47	-23.35	189.61	142.64	133.71	8.93	15.970	
1,000.00	993.32	973.44	966.92	4.36	4.35	47.98	-28.55	205.63	144.63	135.29	9.33	15.496	
1,100.00	1,091.01	1,072.44	1,064.47	4.63	4.61	53.32	-33.76	221.66	147.90	138.11	9.79	15.107	
1,200.00	1,188.69	1,171.43	1,162.02	4.93	4.88	58.38	-38.97	237.69	152.42	142.12	10.30	14.798	
1,300.00	1,286.38	1,270.43	1,259.58	5.24	5.16	63.13	-44.17	253.71	158.08	147.22	10.86	14.559	
1,400.00	1,384.06	1,369.43	1,357.13	5.57	5.46	67.53	-49.38	269.74	164.75	153.29	11.46	14.381	
1,500.00	1,481.75	1,468.43	1,454.68	5.92	5.77	71.56	-54.59	285.76	172.33	160.24	12.09	14.252	
1,600.00	1,579.44	1,567.42	1,552.23	6.27	6.08	75.25	-59.80	301.79	180.69	167.94	12.75	14.167	
1,700.00	1,677.12	1,666.42	1,649.79	6.63	6.41	78.60	-65.00	317.81	189.74	176.30	13.44	14.116	
1,800.00	1,774.81	1,765.42	1,747.34	7.01	6.74	81.64	-70.21	333.84	199.38	185.23	14.15	14.095	
1,900.00	1,872.49	1,864.42	1,844.89	7.21	6.97	84.39	-75.42	349.87	209.53	195.31	14.22	14.732	
2,000.00	1,970.18	1,963.41	1,942.45	7.26	7.06	86.89	-80.62	365.89	220.12	205.72	14.40	15.290	
2,100.00	2,067.87	2,062.41	2,040.00	7.33	7.11	89.15	-85.83	381.92	231.08	216.54	14.55	15.887	
2,200.00	2,165.55	2,161.41	2,137.55	7.42	7.18	91.21	-91.04	397.94	242.38	227.65	14.72	16.462	
2,300.00	2,263.24	2,260.41	2,235.10	7.52	7.26	93.09	-96.24	413.97	253.95	239.02	14.93	17.011	
2,400.00	2,360.92	2,359.40	2,332.66	7.64	7.35	94.80	-101.45	429.99	265.77	250.61	15.16	17.530	
2,500.00	2,458.61	2,458.40	2,430.21	7.77	7.46	96.36	-106.66	446.02	277.81	262.39	15.42	18.017	
2,600.00	2,556.30	2,557.40	2,527.76	7.92	7.58	97.80	-111.87	462.04	290.04	274.34	15.70	18.470	
2,700.00	2,653.98	2,656.40	2,625.32	8.08	7.72	99.12	-117.07	478.07	302.43	286.42	16.01	18.889	
2,800.00	2,751.67	2,755.39	2,722.87	8.26	7.87	100.33	-122.28	494.10	314.97	298.63	16.34	19.274	
2,900.00	2,849.35	2,854.39	2,820.42	8.45	8.03	101.45	-127.49	510.12	327.63	310.94	16.69	19.625	
3,000.00	2,947.04	2,953.39	2,917.98	8.65	8.20	102.49	-132.69	526.15	340.42	323.35	17.07	19.944	
3,100.00	3,044.72	3,052.39	3,015.53	8.86	8.38	103.45	-137.90	542.17	353.30	335.84	17.46	20.233	
3,200.00	3,142.41	3,151.38	3,113.08	9.08	8.57	104.35	-143.11	558.20	366.27	348.40	17.87	20.493	
3,300.00	3,240.10	3,250.38	3,210.63	9.31	8.77	105.18	-148.31	574.22	379.33	361.03	18.30	20.727	
3,400.00	3,337.78	3,349.38	3,308.19	9.55	8.98	105.96	-153.52	590.25	392.46	373.72	18.75	20.936	
3,500.00	3,435.47	3,448.38	3,405.74	9.80	9.20	106.69	-158.73	606.28	405.66	386.45	19.21	21.122	
3,600.00	3,533.15	3,547.37	3,503.29	10.05	9.42	107.37	-163.93	622.30	418.92	399.24	19.68	21.287	
3,700.00	3,630.84	3,646.37	3,600.85	10.31	9.65	108.01	-169.14	638.33	432.23	412.06	20.17	21.434	
3,800.00	3,728.53	3,745.37	3,698.40	10.58	9.89	108.61	-174.35	654.35	445.59	424.93	20.66	21.563	
3,900.00	3,826.21	3,844.37	3,795.95	10.85	10.13	109.18	-179.56	670.38	459.00	437.83	21.17	21.677	
4,000.00	3,923.90	3,943.36	3,893.51	11.13	10.38	109.71	-184.76	686.40	472.45	450.76	21.69	21.777	
4,100.00	4,021.58	4,042.36	3,991.06	11.42	10.63	110.22	-189.97	702.43	485.94	463.71	22.23	21.864	
4,200.00	4,119.27	4,141.36	4,088.61	11.70	10.89	110.69	-195.18	718.45	499.46	476.70	22.76	21.941	
4,300.00	4,216.96	4,240.36	4,186.16	12.00	11.15	111.15	-200.38	734.48	513.02	489.71	23.31	22.006	
4,400.00	4,314.64	4,339.36	4,283.72	12.29	11.42	111.58	-205.59	750.51	526.60	502.74	23.87	22.063	
4,500.00	4,412.33	4,438.35	4,381.27	12.59	11.69	111.98	-210.80	766.53	540.22	515.79	24.43	22.112	
4,600.00	4,510.01	4,537.35	4,478.82	12.90	11.96	112.37	-216.00	782.56	553.86	528.86	25.00	22.154	
4,700.00	4,607.70	4,636.35	4,576.38	13.21	12.24	112.74	-221.21	798.58	567.52	541.94	25.58	22.189	
4,800.00	4,705.39	4,735.35	4,673.93	13.52	12.52	113.09	-226.42	814.61	581.20	555.04	26.16	22.218	
4,900.00	4,803.07	4,834.34	4,771.48	13.83	12.81	113.43	-231.63	830.63	594.91	568.16	26.75	22.242	
5,000.00	4,900.76	4,933.34	4,869.04	14.14	13.09	113.75	-236.83	846.66	608.63	581.29	27.34	22.262	
5,100.00	4,998.44	5,032.34	4,966.59	14.46	13.38	114.06	-242.04	862.69	622.38	594.44	27.94	22.277	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
5,200.00	5,096.13	5,131.34	5,064.14	14.78	13.67	114.35	-247.25	878.71	636.13	607.59	28.54	22.289		
5,300.00	5,193.82	5,230.33	5,161.69	15.11	13.96	114.63	-252.45	894.74	649.91	620.76	29.15	22.297		
5,400.00	5,291.50	5,329.33	5,259.25	15.43	14.26	114.90	-257.66	910.76	663.70	633.94	29.76	22.303		
5,500.00	5,389.19	5,428.33	5,356.80	15.76	14.56	115.16	-262.87	926.79	677.50	647.13	30.37	22.306		
5,600.00	5,486.87	5,527.33	5,454.35	16.09	14.86	115.40	-268.07	942.81	691.32	660.33	30.99	22.307		
5,700.00	5,584.56	5,626.32	5,551.91	16.42	15.16	115.64	-273.28	958.84	705.15	673.53	31.61	22.306		
5,800.00	5,682.25	5,725.32	5,649.46	16.75	15.46	115.87	-278.49	974.87	718.98	686.75	32.24	22.303		
5,900.00	5,779.93	5,824.32	5,747.01	17.08	15.76	116.09	-283.69	990.89	732.84	699.97	32.87	22.298		
6,000.00	5,877.62	5,923.32	5,844.57	17.42	16.07	116.30	-288.90	1,006.92	746.70	713.20	33.50	22.292		
6,100.00	5,975.30	6,022.31	5,942.12	17.75	16.38	116.51	-294.11	1,022.94	760.57	726.44	34.13	22.285		
6,200.00	6,072.99	6,121.31	6,039.67	18.09	16.68	116.71	-299.32	1,038.97	774.45	739.68	34.77	22.276		
6,300.00	6,170.67	6,220.31	6,137.22	18.43	16.99	116.90	-304.52	1,054.99	788.33	752.93	35.40	22.267		
6,400.00	6,268.36	6,319.31	6,234.78	18.77	17.30	117.08	-309.73	1,071.02	802.23	766.19	36.04	22.257		
6,500.00	6,366.05	6,418.30	6,332.33	19.11	17.62	117.26	-314.94	1,087.04	816.13	779.45	36.69	22.246		
6,600.00	6,463.73	6,517.30	6,429.88	19.45	17.93	117.43	-320.14	1,103.07	830.05	792.72	37.33	22.235		
6,700.00	6,561.42	6,616.30	6,527.44	19.79	18.24	117.59	-325.35	1,119.10	843.97	805.99	37.98	22.223		
6,800.00	6,659.10	6,715.30	6,624.99	20.13	18.56	117.75	-330.56	1,135.12	857.89	819.26	38.63	22.210		
6,900.00	6,756.79	6,823.43	6,730.83	20.48	18.93	117.68	-336.20	1,156.22	871.51	832.16	39.35	22.150		
7,000.00	6,853.49	6,935.72	6,835.70	20.85	19.42	108.01	-341.78	1,195.54	883.96	843.74	40.22	21.977		
7,100.00	6,945.46	7,045.28	6,929.85	21.34	20.02	101.11	-346.78	1,251.08	895.90	854.59	41.31	21.688		
7,200.00	7,030.35	7,152.12	7,011.19	21.94	20.72	96.66	-351.08	1,320.02	907.14	864.53	42.61	21.291		
7,300.00	7,106.06	7,256.27	7,078.34	22.66	21.51	93.30	-354.61	1,399.41	917.43	873.32	44.11	20.797		
7,400.00	7,170.73	7,357.82	7,130.52	23.49	22.38	90.59	-357.33	1,486.36	926.55	880.74	45.81	20.227		
7,500.00	7,222.77	7,456.92	7,167.52	24.43	23.32	88.36	-359.24	1,578.16	934.27	886.61	47.67	19.599		
7,600.00	7,260.89	7,553.72	7,189.51	25.45	24.31	86.53	-360.34	1,672.33	940.40	890.74	49.66	18.938		
7,700.00	7,284.16	7,648.42	7,197.00	26.55	25.31	85.07	-360.67	1,766.64	944.76	893.03	51.72	18.266		
7,800.00	7,292.01	7,747.62	7,196.56	27.69	26.42	84.34	-360.57	1,865.85	946.89	892.95	53.94	17.554		
7,900.00	7,291.78	7,847.62	7,196.09	28.86	27.59	84.32	-360.47	1,965.84	947.60	891.31	56.29	16.835		
8,000.00	7,291.56	7,947.62	7,195.61	30.07	28.81	84.31	-360.36	2,065.84	948.30	889.57	58.73	16.147		
8,100.00	7,291.34	8,047.62	7,195.13	31.33	30.08	84.30	-360.26	2,165.83	949.00	887.74	61.26	15.492		
8,200.00	7,291.11	8,147.61	7,194.66	32.62	31.38	84.29	-360.16	2,265.83	949.70	885.84	63.86	14.872		
8,300.00	7,290.89	8,247.61	7,194.18	33.95	32.72	84.28	-360.06	2,365.83	950.40	883.88	66.52	14.286		
8,400.00	7,290.67	8,347.61	7,193.71	35.30	34.09	84.27	-359.95	2,465.82	951.10	881.85	69.25	13.735		
8,500.00	7,290.44	8,447.60	7,193.23	36.69	35.49	84.26	-359.85	2,565.82	951.81	879.78	72.02	13.215		
8,600.00	7,290.22	8,547.60	7,192.76	38.09	36.91	84.25	-359.75	2,665.82	952.51	877.66	74.85	12.726		
8,700.00	7,290.00	8,647.60	7,192.28	39.51	38.35	84.24	-359.64	2,765.81	953.21	875.50	77.71	12.267		
8,800.00	7,289.78	8,747.60	7,191.81	40.96	39.81	84.22	-359.54	2,865.81	953.91	873.31	80.60	11.835		
8,900.00	7,289.55	8,847.59	7,191.33	42.42	41.29	84.21	-359.44	2,965.80	954.61	871.08	83.53	11.428		
9,000.00	7,289.33	8,947.59	7,190.86	43.89	42.78	84.20	-359.33	3,065.80	955.31	868.82	86.49	11.045		
9,100.00	7,289.11	9,047.59	7,190.38	45.38	44.28	84.19	-359.23	3,165.80	956.02	866.54	89.48	10.685		
9,200.00	7,288.88	9,147.59	7,189.90	46.88	45.80	84.18	-359.13	3,265.79	956.72	864.23	92.48	10.345		
9,300.00	7,288.66	9,247.58	7,189.43	48.39	47.32	84.17	-359.02	3,365.79	957.42	861.91	95.51	10.024		
9,400.00	7,288.44	9,347.58	7,188.95	49.91	48.86	84.16	-358.92	3,465.78	958.12	859.56	98.56	9.721		
9,500.00	7,288.21	9,447.58	7,188.48	51.44	50.40	84.15	-358.82	3,565.78	958.82	857.20	101.63	9.435		
9,600.00	7,287.99	9,547.58	7,188.00	52.98	51.96	84.14	-358.72	3,665.78	959.53	854.82	104.71	9.164		
9,700.00	7,287.77	9,647.57	7,187.53	54.53	53.52	84.13	-358.61	3,765.77	960.23	852.42	107.81	8.907		
9,800.00	7,287.54	9,747.57	7,187.05	56.09	55.08	84.12	-358.51	3,865.77	960.93	850.01	110.92	8.663		
9,900.00	7,287.32	9,847.57	7,186.58	57.65	56.65	84.11	-358.41	3,965.77	961.63	847.59	114.04	8.432		
10,000.00	7,287.10	9,947.57	7,186.10	59.21	58.23	84.09	-358.30	4,065.76	962.33	845.16	117.17	8.213		
10,100.00	7,286.87	10,047.56	7,185.63	60.79	59.82	84.08	-358.20	4,165.76	963.04	842.72	120.32	8.004		
10,200.00	7,286.65	10,147.56	7,185.15	62.36	61.40	84.07	-358.10	4,265.75	963.74	840.27	123.47	7.805		
10,300.00	7,286.43	10,247.56	7,184.67	63.95	63.00	84.06	-357.99	4,365.75	964.44	837.81	126.63	7.616		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,400.00	7,286.20	10,347.55	7,184.20	65.53	64.59	84.05	-357.89	4,465.75	965.14	835.34	129.80	7.435	
10,500.00	7,285.98	10,447.55	7,183.72	67.12	66.19	84.04	-357.79	4,565.74	965.84	832.86	132.98	7.263	
10,600.00	7,285.76	10,547.55	7,183.25	68.72	67.80	84.03	-357.68	4,665.74	966.55	830.38	136.17	7.098	
10,700.00	7,285.53	10,647.55	7,182.77	70.32	69.41	84.02	-357.58	4,765.74	967.25	827.89	139.36	6.941	
10,800.00	7,285.31	10,747.54	7,182.30	71.92	71.02	84.01	-357.48	4,865.73	967.95	825.40	142.55	6.790	
10,900.00	7,285.09	10,847.54	7,181.82	73.52	72.63	84.00	-357.38	4,965.73	968.65	822.90	145.76	6.646	
11,000.00	7,284.86	10,947.54	7,181.35	75.13	74.25	83.99	-357.27	5,065.72	969.36	820.39	148.97	6.507	
11,100.00	7,284.64	11,047.54	7,180.87	76.74	75.86	83.98	-357.17	5,165.72	970.06	817.88	152.18	6.374	
11,200.00	7,284.42	11,147.53	7,180.39	78.35	77.48	83.97	-357.07	5,265.72	970.76	815.36	155.40	6.247	
11,300.00	7,284.19	11,247.53	7,179.92	79.97	79.11	83.96	-356.96	5,365.71	971.46	812.84	158.62	6.124	
11,400.00	7,283.97	11,347.53	7,179.44	81.59	80.73	83.95	-356.86	5,465.71	972.17	810.32	161.85	6.007	
11,500.00	7,283.75	11,447.53	7,178.97	83.21	82.36	83.93	-356.76	5,565.70	972.87	807.79	165.08	5.893	
11,600.00	7,283.52	11,547.52	7,178.49	84.83	83.99	83.92	-356.65	5,665.70	973.57	805.26	168.31	5.784	
11,700.00	7,283.30	11,647.52	7,178.02	86.45	85.62	83.91	-356.55	5,765.70	974.27	802.72	171.55	5.679	
11,800.00	7,283.08	11,747.52	7,177.54	88.08	87.25	83.90	-356.45	5,865.69	974.98	800.19	174.79	5.578	
11,900.00	7,282.86	11,847.52	7,177.07	89.71	88.88	83.89	-356.34	5,965.69	975.68	797.65	178.03	5.480	
12,000.00	7,282.63	11,947.51	7,176.59	91.33	90.52	83.88	-356.24	6,065.69	976.38	795.10	181.28	5.386	
12,100.00	7,282.41	12,047.51	7,176.12	92.97	92.15	83.87	-356.14	6,165.68	977.09	792.56	184.53	5.295	
12,200.00	7,282.19	12,147.51	7,175.64	94.60	93.79	83.86	-356.04	6,265.68	977.79	790.01	187.78	5.207	
12,300.00	7,281.96	12,247.50	7,175.16	96.23	95.43	83.85	-355.93	6,365.67	978.49	787.45	191.04	5.122	
12,400.00	7,281.74	12,347.50	7,174.69	97.86	97.07	83.84	-355.83	6,465.67	979.19	784.90	194.29	5.040	
12,500.00	7,281.52	12,447.50	7,174.21	99.50	98.71	83.83	-355.73	6,565.67	979.90	782.35	197.55	4.960	
12,600.00	7,281.29	12,547.50	7,173.74	101.14	100.35	83.82	-355.62	6,665.66	980.60	779.79	200.81	4.883	
12,700.00	7,281.07	12,647.49	7,173.26	102.78	101.99	83.81	-355.52	6,765.66	981.30	777.23	204.08	4.809	
12,800.00	7,280.85	12,747.49	7,172.79	104.41	103.64	83.80	-355.42	6,865.66	982.01	774.67	207.34	4.736	
12,900.00	7,280.62	12,847.49	7,172.31	106.05	105.28	83.79	-355.31	6,965.65	982.71	772.10	210.61	4.666	
13,000.00	7,280.40	12,947.49	7,171.84	107.70	106.93	83.78	-355.21	7,065.65	983.41	769.54	213.87	4.598	
13,100.00	7,280.18	13,047.48	7,171.36	109.34	108.58	83.77	-355.11	7,165.64	984.12	766.97	217.14	4.532	
13,200.00	7,279.95	13,147.48	7,170.89	110.98	110.22	83.76	-355.00	7,265.64	984.82	764.40	220.42	4.468	
13,300.00	7,279.73	13,247.48	7,170.41	112.62	111.87	83.75	-354.90	7,365.64	985.52	761.83	223.69	4.406	
13,400.00	7,279.51	13,347.48	7,169.93	114.27	113.52	83.74	-354.80	7,465.63	986.22	759.26	226.96	4.345	
13,500.00	7,279.28	13,447.47	7,169.46	115.91	115.17	83.73	-354.70	7,565.63	986.93	756.69	230.24	4.287	
13,600.00	7,279.06	13,547.47	7,168.98	117.56	116.82	83.72	-354.59	7,665.62	987.63	754.12	233.51	4.229	
13,700.00	7,278.84	13,647.47	7,168.51	119.21	118.47	83.71	-354.49	7,765.62	988.33	751.54	236.79	4.174	
13,800.00	7,278.61	13,747.47	7,168.03	120.85	120.12	83.70	-354.39	7,865.62	989.04	748.97	240.07	4.120	
13,900.00	7,278.39	13,847.46	7,167.56	122.50	121.77	83.69	-354.28	7,965.61	989.74	746.39	243.35	4.067	
14,000.00	7,278.17	13,947.46	7,167.08	124.15	123.43	83.68	-354.18	8,065.61	990.44	743.81	246.63	4.016	
14,100.00	7,277.94	14,047.46	7,166.61	125.80	125.08	83.67	-354.08	8,165.61	991.15	741.23	249.92	3.966	
14,200.00	7,277.72	14,147.45	7,166.13	127.45	126.73	83.66	-353.97	8,265.60	991.85	738.65	253.20	3.917	
14,300.00	7,277.50	14,247.45	7,165.65	129.10	128.39	83.65	-353.87	8,365.60	992.56	736.07	256.48	3.870	
14,400.00	7,277.27	14,347.45	7,165.18	130.75	130.04	83.64	-353.77	8,465.59	993.26	733.49	259.77	3.824	
14,500.00	7,277.05	14,447.45	7,164.70	132.40	131.70	83.62	-353.66	8,565.59	993.96	730.91	263.05	3.779	
14,600.00	7,276.83	14,547.44	7,164.23	134.06	133.35	83.61	-353.56	8,665.59	994.67	728.33	266.34	3.735	
14,700.00	7,276.60	14,647.44	7,163.75	135.71	135.01	83.60	-353.46	8,765.58	995.37	725.74	269.63	3.692	
14,800.00	7,276.38	14,747.44	7,163.28	137.36	136.66	83.59	-353.35	8,865.58	996.07	723.16	272.92	3.650	
14,900.00	7,276.16	14,847.44	7,162.80	139.02	138.32	83.58	-353.25	8,965.58	996.78	720.57	276.20	3.609	
15,000.00	7,275.94	14,947.43	7,162.33	140.67	139.98	83.57	-353.15	9,065.57	997.48	717.99	279.49	3.569	
15,100.00	7,275.71	15,047.43	7,161.85	142.32	141.64	83.56	-353.05	9,165.57	998.18	715.40	282.78	3.530	
15,200.00	7,275.49	15,147.43	7,161.38	143.98	143.29	83.55	-352.94	9,265.56	998.89	712.81	286.08	3.492	
15,300.00	7,275.27	15,247.43	7,160.90	145.63	144.95	83.54	-352.84	9,365.56	999.59	710.23	289.37	3.454	
15,400.00	7,275.04	15,347.42	7,160.42	147.29	146.61	83.53	-352.74	9,465.56	1,000.30	707.64	292.66	3.418	
15,500.00	7,274.82	15,447.42	7,159.95	148.95	148.27	83.52	-352.63	9,565.55	1,001.00	705.05	295.95	3.382	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
15,600.00	7,274.60	15,547.42	7,159.47	150.60	149.93	83.51	-352.53	9,665.55	1,001.70	702.46	299.24	3.347		
15,700.00	7,274.37	15,647.42	7,159.00	152.26	151.59	83.50	-352.43	9,765.54	1,002.41	699.87	302.54	3.313		
15,800.00	7,274.15	15,747.41	7,158.52	153.92	153.25	83.49	-352.32	9,865.54	1,003.11	697.28	305.83	3.280		
15,900.00	7,273.93	15,847.41	7,158.05	155.57	154.91	83.48	-352.22	9,965.54	1,003.82	694.69	309.13	3.247		
16,000.00	7,273.70	15,947.41	7,157.57	157.23	156.57	83.47	-352.12	10,065.53	1,004.52	692.10	312.42	3.215		
16,100.00	7,273.48	16,047.40	7,157.10	158.89	158.23	83.47	-352.01	10,165.53	1,005.22	689.51	315.72	3.184		
16,200.00	7,273.26	16,147.40	7,156.62	160.55	159.89	83.46	-351.91	10,265.53	1,005.93	686.91	319.01	3.153		
16,300.00	7,273.03	16,247.40	7,156.14	162.20	161.55	83.45	-351.81	10,365.52	1,006.63	684.32	322.31	3.123		
16,400.00	7,272.81	16,347.40	7,155.67	163.86	163.21	83.44	-351.71	10,465.52	1,007.34	681.73	325.61	3.094		
16,500.00	7,272.59	16,447.39	7,155.19	165.52	164.87	83.43	-351.60	10,565.51	1,008.04	679.14	328.90	3.065		
16,600.00	7,272.36	16,547.39	7,154.72	167.18	166.53	83.42	-351.50	10,665.51	1,008.74	676.54	332.20	3.037		
16,700.00	7,272.14	16,647.39	7,154.24	168.84	168.20	83.41	-351.40	10,765.51	1,009.45	673.95	335.50	3.009		
16,800.00	7,271.92	16,747.39	7,153.77	170.50	169.86	83.40	-351.29	10,865.50	1,010.15	671.36	338.80	2.982		
16,900.00	7,271.69	16,847.38	7,153.29	172.16	171.52	83.39	-351.19	10,965.50	1,010.86	668.76	342.10	2.955		
17,000.00	7,271.47	16,947.38	7,152.82	173.82	173.18	83.38	-351.09	11,065.49	1,011.56	666.17	345.39	2.929		
17,100.00	7,271.25	17,047.38	7,152.34	175.48	174.85	83.37	-350.98	11,165.49	1,012.27	663.57	348.69	2.903		
17,200.00	7,271.02	17,147.38	7,151.87	177.14	176.51	83.36	-350.88	11,265.49	1,012.97	660.98	351.99	2.878		
17,300.00	7,270.80	17,247.37	7,151.39	178.80	178.17	83.35	-350.78	11,365.48	1,013.67	658.38	355.29	2.853		
17,400.00	7,270.58	17,347.37	7,150.91	180.46	179.83	83.34	-350.67	11,465.48	1,014.38	655.79	358.59	2.829		
17,500.00	7,270.35	17,447.37	7,150.44	182.12	181.50	83.33	-350.57	11,565.48	1,015.08	653.19	361.89	2.805		
17,600.00	7,270.13	17,547.37	7,149.96	183.79	183.16	83.32	-350.47	11,665.47	1,015.79	650.59	365.19	2.782		
17,700.00	7,269.91	17,647.36	7,149.49	185.45	184.83	83.31	-350.37	11,765.47	1,016.49	648.00	368.49	2.759		
17,800.00	7,269.68	17,747.36	7,149.01	187.11	186.49	83.30	-350.26	11,865.46	1,017.20	645.40	371.80	2.736		
17,900.00	7,269.46	17,847.36	7,148.54	188.77	188.15	83.29	-350.16	11,965.46	1,017.90	642.81	375.10	2.714		
18,000.00	7,269.24	17,947.36	7,148.06	190.43	189.82	83.28	-350.06	12,065.46	1,018.61	640.21	378.40	2.692		
18,100.00	7,269.02	18,047.35	7,147.59	192.10	191.48	83.27	-349.95	12,165.45	1,019.31	637.61	381.70	2.670 SF		
18,200.00	7,268.79	18,060.31	7,147.52	193.76	191.70	83.27	-349.94	12,178.41	1,023.72	641.81	381.91	2.681		
18,206.76	7,268.78	18,060.31	7,147.52	193.87	191.70	83.27	-349.94	12,178.41	1,024.37	642.58	381.79	2.683		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.35	-0.36	59.86	59.86				
100.00	100.00	101.00	99.00	3.28	3.28	90.35	-0.36	59.86	59.86	52.33	7.53	7.951	
200.00	200.00	201.00	199.00	3.31	3.31	90.35	-0.36	59.86	59.86	52.28	7.57	7.903	
300.00	300.00	301.00	299.00	3.35	3.35	90.35	-0.36	59.86	59.86	52.19	7.66	7.810	
400.00	399.98	401.02	398.98	3.41	3.42	24.30	-0.36	59.86	58.26	50.47	7.80	7.474	
500.00	499.84	501.16	498.84	3.50	3.51	26.65	-0.36	59.86	53.54	45.57	7.97	6.719	
600.00	599.45	601.55	598.45	3.61	3.61	31.60	-0.36	59.86	45.91	37.73	8.18	5.611	
700.00	698.70	702.30	697.70	3.75	3.74	41.90	-0.36	59.86	36.08	27.64	8.44	4.277	
800.00	797.47	803.53	796.47	3.91	3.88	65.03	-0.36	59.86	26.51	17.77	8.74	3.033	
861.51	857.92	856.92	856.92	4.03	3.96	90.00	-0.36	59.86	23.96	15.01	8.95	2.677 CC, ES	
900.00	895.62	905.38	894.62	4.12	4.03	107.55	-0.36	59.86	25.19	16.07	9.11	2.763	
1,000.00	993.32	1,007.68	992.32	4.36	4.20	139.86	-0.36	59.86	37.69	28.20	9.48	3.973	
1,100.00	1,091.01	1,090.01	1,090.01	4.63	4.35	154.08	-0.36	59.86	55.87	46.05	9.82	5.690	
1,200.00	1,188.69	1,189.59	1,189.57	4.93	4.52	160.62	-0.22	61.25	74.64	64.44	10.20	7.319	
1,300.00	1,286.38	1,290.56	1,290.42	5.24	4.71	163.32	0.30	66.16	91.09	80.49	10.60	8.597	
1,400.00	1,384.06	1,392.53	1,392.03	5.57	4.90	164.15	1.20	74.70	104.71	93.69	11.02	9.503	
1,500.00	1,481.75	1,495.27	1,494.02	5.92	5.11	163.81	2.48	86.94	115.36	103.89	11.47	10.058	
1,600.00	1,579.44	1,598.52	1,596.01	6.27	5.35	162.57	4.16	102.89	123.05	111.10	11.95	10.295	
1,700.00	1,677.12	1,702.01	1,697.59	6.63	5.61	160.50	6.22	122.53	127.87	115.39	12.47	10.251	
1,800.00	1,774.81	1,802.84	1,796.01	7.01	5.89	157.91	8.51	144.30	130.74	117.69	13.05	10.017	
1,900.00	1,872.49	1,902.63	1,893.39	7.21	6.05	155.42	10.79	165.98	133.76	120.75	13.01	10.280	
2,000.00	1,970.18	2,002.41	1,990.77	7.26	6.08	153.05	13.07	187.67	137.03	123.91	13.11	10.449	
2,100.00	2,067.87	2,102.20	2,088.15	7.33	6.15	150.79	15.35	209.35	140.51	127.25	13.26	10.598	
2,200.00	2,165.55	2,201.99	2,185.52	7.42	6.23	148.64	17.63	231.03	144.21	130.76	13.44	10.727	
2,300.00	2,263.24	2,301.78	2,282.90	7.52	6.33	146.60	19.91	252.71	148.10	134.43	13.67	10.834	
2,400.00	2,360.92	2,401.57	2,380.28	7.64	6.46	144.66	22.19	274.40	152.16	138.23	13.93	10.921	
2,500.00	2,458.61	2,501.36	2,477.66	7.77	6.60	142.83	24.46	296.08	156.39	142.16	14.23	10.989	
2,600.00	2,556.30	2,601.15	2,575.04	7.92	6.76	141.10	26.74	317.76	160.78	146.21	14.57	11.038	
2,700.00	2,653.98	2,700.94	2,672.41	8.08	6.94	139.46	29.02	339.44	165.30	150.37	14.93	11.072	
2,800.00	2,751.67	2,800.72	2,769.79	8.26	7.13	137.91	31.30	361.13	169.95	154.63	15.32	11.091	
2,900.00	2,849.35	2,900.51	2,867.17	8.45	7.34	136.44	33.58	382.81	174.72	158.97	15.74	11.098	
3,000.00	2,947.04	3,000.30	2,964.55	8.65	7.56	135.05	35.86	404.49	179.59	163.40	16.19	11.094	
3,100.00	3,044.72	3,100.09	3,061.92	8.86	7.79	133.74	38.14	426.18	184.57	167.91	16.66	11.082	
3,200.00	3,142.41	3,200.12	3,159.30	9.08	8.04	132.49	40.42	447.86	189.64	172.49	17.14	11.062	
3,300.00	3,240.10	3,299.67	3,256.68	9.31	8.29	131.31	42.70	469.54	194.79	177.14	17.65	11.037	
3,400.00	3,337.78	3,399.46	3,354.06	9.55	8.55	130.19	44.98	491.22	200.02	181.85	18.17	11.006	
3,500.00	3,435.47	3,500.75	3,451.44	9.80	8.83	129.13	47.25	512.91	205.32	186.61	18.72	10.970	
3,600.00	3,533.15	3,600.97	3,548.81	10.05	9.11	128.12	49.53	534.59	210.70	191.42	19.27	10.933	
3,700.00	3,630.84	3,701.18	3,646.19	10.31	9.39	127.16	51.81	556.27	216.13	196.29	19.84	10.894	
3,800.00	3,728.53	3,801.39	3,743.57	10.58	9.69	126.25	54.09	577.96	221.62	201.20	20.42	10.854	
3,900.00	3,826.21	3,901.60	3,840.95	10.85	9.98	125.39	56.37	599.64	227.16	206.15	21.01	10.813	
4,000.00	3,923.90	4,001.81	3,938.33	11.13	10.29	124.56	58.65	621.32	232.75	211.15	21.61	10.772	
4,100.00	4,021.58	4,102.02	4,035.70	11.42	10.59	123.77	60.93	643.00	238.39	216.18	22.22	10.731	
4,200.00	4,119.27	4,202.23	4,133.08	11.70	10.91	123.02	63.21	664.69	244.07	221.24	22.83	10.689	
4,300.00	4,216.96	4,302.45	4,230.46	12.00	11.22	122.31	65.49	686.37	249.79	226.34	23.46	10.649	
4,400.00	4,314.64	4,402.66	4,327.84	12.29	11.54	121.63	67.77	708.05	255.55	231.46	24.09	10.609	
4,500.00	4,412.33	4,502.87	4,425.21	12.59	11.87	120.97	70.04	729.74	261.34	236.62	24.73	10.569	
4,600.00	4,510.01	4,603.08	4,522.59	12.90	12.19	120.35	72.32	751.42	267.17	241.80	25.37	10.531	
4,700.00	4,607.70	4,703.29	4,619.97	13.21	12.52	119.75	74.60	773.10	273.02	247.00	26.02	10.493	
4,800.00	4,705.39	4,803.50	4,717.35	13.52	12.85	119.18	76.88	794.78	278.91	252.23	26.67	10.457	
4,900.00	4,803.07	4,903.71	4,814.73	13.83	13.19	118.63	79.16	816.47	284.82	257.49	27.33	10.421	
5,000.00	4,900.76	5,003.92	4,912.10	14.14	13.52	118.10	81.44	838.15	290.75	262.76	27.99	10.386	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,998.44	5,104.14	5,009.48	14.46	13.86	117.59	83.72	859.83	296.71	268.05	28.66	10.353	
5,200.00	5,096.13	5,204.35	5,106.86	14.78	14.20	117.11	86.00	881.51	302.69	273.36	29.33	10.320	
5,300.00	5,193.82	5,304.56	5,204.24	15.11	14.55	116.64	88.28	903.20	308.70	278.69	30.00	10.289	
5,400.00	5,291.50	5,404.77	5,301.62	15.43	14.89	116.19	90.56	924.88	314.72	284.04	30.68	10.258	
5,500.00	5,389.19	5,504.98	5,398.99	15.76	15.24	115.76	92.83	946.56	320.76	289.40	31.36	10.228	
5,600.00	5,486.87	5,605.19	5,496.37	16.09	15.58	115.34	95.11	968.25	326.82	294.77	32.04	10.199	
5,700.00	5,584.56	5,705.40	5,593.75	16.42	15.93	114.94	97.39	989.93	332.89	300.16	32.73	10.172	
5,800.00	5,682.25	5,805.61	5,691.13	16.75	16.28	114.55	99.67	1,011.61	338.98	305.56	33.41	10.145	
5,900.00	5,779.93	5,905.83	5,788.50	17.08	16.63	114.18	101.95	1,033.29	345.08	310.98	34.10	10.118	
6,000.00	5,877.62	6,006.04	5,885.88	17.42	16.99	113.82	104.23	1,054.98	351.20	316.41	34.80	10.093	
6,100.00	5,975.30	6,106.25	5,983.26	17.75	17.34	113.47	106.51	1,076.66	357.34	321.85	35.49	10.069	
6,200.00	6,072.99	6,206.46	6,080.64	18.09	17.69	113.14	108.79	1,098.34	363.48	327.30	36.19	10.045	
6,300.00	6,170.67	6,306.67	6,178.02	18.43	18.05	112.81	111.07	1,120.03	369.64	332.76	36.88	10.022	
6,400.00	6,268.36	6,406.88	6,275.39	18.77	18.40	112.50	113.35	1,141.71	375.81	338.23	37.58	10.000	
6,500.00	6,366.05	6,507.09	6,372.77	19.11	18.76	112.19	115.62	1,163.39	381.99	343.70	38.28	9.978	
6,600.00	6,463.73	6,592.70	6,470.15	19.45	19.07	111.90	117.90	1,185.07	388.18	349.24	38.93	9.971	
6,700.00	6,561.42	6,690.73	6,564.76	19.79	19.45	111.02	120.09	1,210.40	394.53	354.87	39.67	9.946	
6,800.00	6,659.10	6,784.46	6,650.73	20.13	19.93	108.27	121.98	1,247.47	402.08	361.59	40.49	9.930	
6,900.00	6,756.79	6,870.84	6,724.37	20.48	20.47	104.19	123.51	1,292.47	412.77	371.49	41.28	9.999	
7,000.00	6,853.49	6,949.68	6,785.71	20.85	21.04	90.84	124.70	1,341.91	428.14	386.20	41.94	10.209	
7,100.00	6,945.46	7,025.34	6,838.41	21.34	21.67	80.83	125.64	1,396.13	446.06	403.50	42.57	10.479	
7,200.00	7,030.35	7,100.00	6,883.75	21.94	22.35	73.82	126.37	1,455.39	465.01	421.82	43.20	10.764	
7,300.00	7,106.06	7,170.19	6,919.78	22.66	23.05	68.61	126.86	1,515.58	483.74	439.94	43.80	11.044	
7,400.00	7,170.73	7,240.28	6,948.93	23.49	23.79	64.54	127.15	1,579.28	501.21	456.75	44.46	11.273	
7,500.00	7,222.77	7,309.29	6,970.63	24.43	24.56	61.44	127.25	1,644.75	516.62	471.43	45.19	11.431	
7,600.00	7,260.89	7,377.48	6,984.99	25.45	25.35	59.15	127.15	1,711.38	529.34	483.33	46.01	11.504	
7,700.00	7,284.16	7,445.08	6,992.12	26.55	26.15	57.59	126.87	1,778.57	538.90	491.96	46.94	11.481	
7,800.00	7,292.01	7,527.21	6,992.77	27.69	27.13	56.78	126.33	1,860.68	544.36	496.04	48.33	11.264	
7,900.00	7,291.78	7,627.20	6,992.27	28.86	28.38	56.83	125.63	1,960.67	545.75	495.41	50.34	10.842	
8,000.00	7,291.56	7,727.19	6,991.78	30.07	29.66	56.90	124.94	2,060.65	547.13	494.70	52.44	10.434	
8,100.00	7,291.34	7,827.18	6,991.28	31.33	30.98	56.96	124.25	2,160.64	548.52	493.90	54.62	10.042	
8,200.00	7,291.11	7,927.17	6,990.79	32.62	32.34	57.02	123.55	2,260.62	549.91	493.02	56.89	9.667	
8,300.00	7,290.89	8,027.16	6,990.29	33.95	33.72	57.08	122.86	2,360.61	551.29	492.08	59.21	9.310	
8,400.00	7,290.67	8,127.14	6,989.80	35.30	35.13	57.14	122.17	2,460.59	552.68	491.08	61.60	8.972	
8,500.00	7,290.44	8,227.13	6,989.30	36.69	36.56	57.19	121.48	2,560.58	554.07	490.03	64.04	8.652	
8,600.00	7,290.22	8,327.12	6,988.81	38.09	38.01	57.25	120.78	2,660.56	555.46	488.93	66.53	8.349	
8,700.00	7,290.00	8,427.11	6,988.31	39.51	39.48	57.31	120.09	2,760.55	556.84	487.79	69.06	8.064	
8,800.00	7,289.78	8,527.10	6,987.82	40.96	40.96	57.37	119.40	2,860.54	558.23	486.61	71.62	7.794	
8,900.00	7,289.55	8,627.09	6,987.32	42.42	42.46	57.43	118.70	2,960.52	559.62	485.40	74.22	7.540	
9,000.00	7,289.33	8,727.08	6,986.82	43.89	43.97	57.49	118.01	3,060.51	561.02	484.16	76.86	7.299	
9,100.00	7,289.11	8,827.07	6,986.33	45.38	45.49	57.54	117.32	3,160.49	562.41	482.89	79.52	7.073	
9,200.00	7,288.88	8,927.05	6,985.83	46.88	47.02	57.60	116.62	3,260.48	563.80	481.59	82.21	6.858	
9,300.00	7,288.66	9,027.04	6,985.34	48.39	48.57	57.66	115.93	3,360.46	565.19	480.27	84.92	6.656	
9,400.00	7,288.44	9,127.03	6,984.84	49.91	50.12	57.71	115.24	3,460.45	566.58	478.93	87.65	6.464	
9,500.00	7,288.21	9,227.02	6,984.35	51.44	51.67	57.77	114.54	3,560.43	567.98	477.58	90.40	6.283	
9,600.00	7,287.99	9,327.01	6,983.85	52.98	53.24	57.83	113.85	3,660.42	569.37	476.20	93.17	6.111	
9,700.00	7,287.77	9,427.00	6,983.36	54.53	54.81	57.88	113.16	3,760.40	570.77	474.81	95.96	5.948	
9,800.00	7,287.54	9,526.99	6,982.86	56.09	56.39	57.94	112.47	3,860.39	572.16	473.40	98.76	5.793	
9,900.00	7,287.32	9,626.98	6,982.37	57.65	57.97	57.99	111.77	3,960.37	573.56	471.98	101.58	5.646	
10,000.00	7,287.10	9,726.96	6,981.87	59.21	59.56	58.05	111.08	4,060.36	574.95	470.54	104.41	5.507	
10,100.00	7,286.87	9,826.95	6,981.37	60.79	61.15	58.10	110.39	4,160.34	576.35	469.10	107.25	5.374	
10,200.00	7,286.65	9,926.94	6,980.88	62.36	62.74	58.16	109.69	4,260.33	577.75	467.64	110.11	5.247	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,300.00	7,286.43	10,026.93	6,980.38	63.95	64.34	58.21	109.00	4,360.31	579.14	466.17	112.97	5.126		
10,400.00	7,286.20	10,126.92	6,979.89	65.53	65.95	58.26	108.31	4,460.30	580.54	464.70	115.85	5.011		
10,500.00	7,285.98	10,226.91	6,979.39	67.12	67.55	58.32	107.61	4,560.28	581.94	463.21	118.73	4.901		
10,600.00	7,285.76	10,326.90	6,978.90	68.72	69.17	58.37	106.92	4,660.27	583.34	461.71	121.63	4.796		
10,700.00	7,285.53	10,426.89	6,978.40	70.32	70.78	58.42	106.23	4,760.25	584.74	460.21	124.53	4.696		
10,800.00	7,285.31	10,526.87	6,977.91	71.92	72.39	58.48	105.53	4,860.24	586.14	458.70	127.44	4.599		
10,900.00	7,285.09	10,626.86	6,977.41	73.52	74.01	58.53	104.84	4,960.22	587.54	457.18	130.36	4.507		
11,000.00	7,284.86	10,726.85	6,976.92	75.13	75.63	58.58	104.15	5,060.21	588.94	455.66	133.29	4.419		
11,100.00	7,284.64	10,826.84	6,976.42	76.74	77.26	58.63	103.46	5,160.19	590.35	454.13	136.22	4.334		
11,200.00	7,284.42	10,926.83	6,975.93	78.35	78.88	58.69	102.76	5,260.18	591.75	452.59	139.16	4.252		
11,300.00	7,284.19	11,026.82	6,975.43	79.97	80.51	58.74	102.07	5,360.16	593.15	451.05	142.10	4.174		
11,400.00	7,283.97	11,126.81	6,974.93	81.59	82.14	58.79	101.38	5,460.15	594.55	449.50	145.06	4.099		
11,500.00	7,283.75	11,226.80	6,974.44	83.21	83.77	58.84	100.68	5,560.13	595.96	447.94	148.01	4.026		
11,600.00	7,283.52	11,326.78	6,973.94	84.83	85.40	58.89	99.99	5,660.12	597.36	446.38	150.98	3.957		
11,700.00	7,283.30	11,430.56	6,973.43	86.45	87.10	58.93	99.60	5,763.89	598.50	444.45	154.05	3.885		
11,800.00	7,283.08	11,530.56	6,972.94	88.08	88.73	58.94	99.64	5,863.89	599.27	442.29	156.98	3.818		
11,900.00	7,282.86	11,630.55	6,972.44	89.71	90.37	58.96	99.69	5,963.88	600.04	440.13	159.91	3.752		
12,000.00	7,282.63	11,730.55	6,971.95	91.33	92.00	58.97	99.73	6,063.88	600.82	437.97	162.85	3.689		
12,100.00	7,282.41	11,830.55	6,971.45	92.97	93.64	58.98	99.77	6,163.87	601.59	435.80	165.79	3.629		
12,200.00	7,282.19	11,930.54	6,970.96	94.60	95.28	59.00	99.82	6,263.87	602.36	433.63	168.73	3.570		
12,300.00	7,281.96	12,030.54	6,970.46	96.23	96.92	59.01	99.86	6,363.87	603.13	431.45	171.68	3.513		
12,400.00	7,281.74	12,130.54	6,969.97	97.86	98.57	59.03	99.91	6,463.86	603.91	429.27	174.63	3.458		
12,500.00	7,281.52	12,230.54	6,969.47	99.50	100.21	59.04	99.95	6,563.86	604.68	427.09	177.58	3.405		
12,600.00	7,281.29	12,330.53	6,968.98	101.14	101.85	59.05	100.00	6,663.85	605.45	424.91	180.54	3.354		
12,700.00	7,281.07	12,430.53	6,968.49	102.78	103.50	59.07	100.04	6,763.85	606.22	422.73	183.50	3.304		
12,800.00	7,280.85	12,530.53	6,967.99	104.41	105.15	59.08	100.09	6,863.84	607.00	420.54	186.46	3.255		
12,900.00	7,280.62	12,630.52	6,967.50	106.05	106.79	59.10	100.13	6,963.84	607.77	418.35	189.42	3.209		
13,000.00	7,280.40	12,730.52	6,967.00	107.70	108.44	59.11	100.18	7,063.83	608.54	416.15	192.39	3.163		
13,100.00	7,280.18	12,830.52	6,966.51	109.34	110.09	59.12	100.22	7,163.83	609.31	413.96	195.35	3.119		
13,200.00	7,279.95	12,930.51	6,966.01	110.98	111.74	59.14	100.27	7,263.83	610.09	411.76	198.32	3.076		
13,300.00	7,279.73	13,030.51	6,965.52	112.62	113.39	59.15	100.31	7,363.82	610.86	409.56	201.29	3.035		
13,400.00	7,279.51	13,130.51	6,965.02	114.27	115.04	59.16	100.36	7,463.82	611.63	407.36	204.27	2.994		
13,500.00	7,279.28	13,230.50	6,964.53	115.91	116.69	59.18	100.40	7,563.81	612.41	405.16	207.24	2.955		
13,600.00	7,279.06	13,330.50	6,964.04	117.56	118.34	59.19	100.45	7,663.81	613.18	402.96	210.22	2.917		
13,700.00	7,278.84	13,430.50	6,963.54	119.21	119.99	59.21	100.49	7,763.80	613.95	400.75	213.20	2.880		
13,800.00	7,278.61	13,530.50	6,963.05	120.85	121.65	59.22	100.53	7,863.80	614.72	398.54	216.18	2.844		
13,900.00	7,278.39	13,630.49	6,962.55	122.50	123.30	59.23	100.58	7,963.80	615.50	396.33	219.16	2.808		
14,000.00	7,278.17	13,730.49	6,962.06	124.15	124.95	59.25	100.62	8,063.79	616.27	394.12	222.15	2.774		
14,100.00	7,277.94	13,830.49	6,961.56	125.80	126.61	59.26	100.67	8,163.79	617.04	391.91	225.13	2.741		
14,200.00	7,277.72	13,930.48	6,961.07	127.45	128.26	59.27	100.71	8,263.78	617.82	389.70	228.12	2.708		
14,300.00	7,277.50	14,030.48	6,960.57	129.10	129.92	59.29	100.76	8,363.78	618.59	387.48	231.11	2.677		
14,400.00	7,277.27	14,130.48	6,960.08	130.75	131.57	59.30	100.80	8,463.77	619.36	385.26	234.10	2.646		
14,500.00	7,277.05	14,230.47	6,959.59	132.40	133.23	59.31	100.85	8,563.77	620.14	383.04	237.09	2.616		
14,600.00	7,276.83	14,330.47	6,959.09	134.06	134.89	59.33	100.89	8,663.77	620.91	380.82	240.08	2.586		
14,700.00	7,276.60	14,430.47	6,958.60	135.71	136.54	59.34	100.94	8,763.76	621.68	378.60	243.08	2.558		
14,800.00	7,276.38	14,530.46	6,958.10	137.36	138.20	59.35	100.98	8,863.76	622.46	376.38	246.07	2.530		
14,900.00	7,276.16	14,630.46	6,957.61	139.02	139.86	59.37	101.03	8,963.75	623.23	374.16	249.07	2.502		
15,000.00	7,275.94	14,730.46	6,957.11	140.67	141.52	59.38	101.07	9,063.75	624.00	371.93	252.07	2.476		
15,100.00	7,275.71	14,830.45	6,956.62	142.32	143.17	59.39	101.12	9,163.74	624.78	369.71	255.07	2.449		
15,200.00	7,275.49	14,930.45	6,956.12	143.98	144.83	59.40	101.16	9,263.74	625.55	367.48	258.07	2.424		
15,300.00	7,275.27	15,030.45	6,955.63	145.63	146.49	59.42	101.20	9,363.74	626.32	365.25	261.07	2.399		
15,400.00	7,275.04	15,130.45	6,955.14	147.29	148.15	59.43	101.25	9,463.73	627.10	363.02	264.07	2.375		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 23N-3A-L - 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,274.82	15,230.44	6,954.64	148.95	149.81	59.44	101.29	9,563.73	627.87	360.79	267.08	2.351	
15,600.00	7,274.60	15,330.44	6,954.15	150.60	151.47	59.46	101.34	9,663.72	628.64	358.56	270.08	2.328	
15,700.00	7,274.37	15,430.44	6,953.65	152.26	153.13	59.47	101.38	9,763.72	629.42	356.33	273.09	2.305	
15,800.00	7,274.15	15,530.43	6,953.16	153.92	154.79	59.48	101.43	9,863.71	630.19	354.09	276.10	2.282	
15,900.00	7,273.93	15,630.43	6,952.66	155.57	156.45	59.50	101.47	9,963.71	630.96	351.86	279.10	2.261	
16,000.00	7,273.70	15,730.43	6,952.17	157.23	158.11	59.51	101.52	10,063.71	631.74	349.62	282.11	2.239	
16,100.00	7,273.48	15,830.42	6,951.67	158.89	159.77	59.52	101.56	10,163.70	632.51	347.39	285.12	2.218	
16,200.00	7,273.26	15,930.42	6,951.18	160.55	161.44	59.53	101.61	10,263.70	633.29	345.15	288.14	2.198	
16,300.00	7,273.03	16,030.42	6,950.69	162.20	163.10	59.55	101.65	10,363.69	634.06	342.91	291.15	2.178	
16,400.00	7,272.81	16,130.41	6,950.19	163.86	164.76	59.56	101.70	10,463.69	634.83	340.67	294.16	2.158	
16,500.00	7,272.59	16,230.41	6,949.70	165.52	166.42	59.57	101.74	10,563.68	635.61	338.43	297.18	2.139	
16,600.00	7,272.36	16,330.41	6,949.20	167.18	168.08	59.58	101.79	10,663.68	636.38	336.19	300.19	2.120	
16,700.00	7,272.14	16,430.41	6,948.71	168.84	169.75	59.60	101.83	10,763.68	637.15	333.95	303.21	2.101	
16,800.00	7,271.92	16,530.40	6,948.21	170.50	171.41	59.61	101.88	10,863.67	637.93	331.71	306.22	2.083	
16,900.00	7,271.69	16,630.40	6,947.72	172.16	173.07	59.62	101.92	10,963.67	638.70	329.46	309.24	2.065	
17,000.00	7,271.47	16,730.40	6,947.22	173.82	174.74	59.63	101.96	11,063.66	639.48	327.22	312.26	2.048	
17,100.00	7,271.25	16,830.39	6,946.73	175.48	176.40	59.65	102.01	11,163.66	640.25	324.97	315.28	2.031	
17,200.00	7,271.02	16,930.39	6,946.24	177.14	178.06	59.66	102.05	11,263.65	641.02	322.73	318.30	2.014	
17,300.00	7,270.80	17,030.39	6,945.74	178.80	179.73	59.67	102.10	11,363.65	641.80	320.48	321.32	1.997	
17,400.00	7,270.58	17,130.38	6,945.25	180.46	181.39	59.68	102.14	11,463.64	642.57	318.23	324.34	1.981	
17,500.00	7,270.35	17,230.38	6,944.75	182.12	183.05	59.70	102.19	11,563.64	643.35	315.98	327.36	1.965	
17,600.00	7,270.13	17,330.38	6,944.26	183.79	184.72	59.71	102.23	11,663.64	644.12	313.73	330.39	1.950	
17,700.00	7,269.91	17,430.37	6,943.76	185.45	186.38	59.72	102.28	11,763.63	644.90	311.49	333.41	1.934	
17,800.00	7,269.68	17,530.37	6,943.27	187.11	188.05	59.73	102.32	11,863.63	645.67	309.23	336.43	1.919	
17,900.00	7,269.46	17,630.37	6,942.77	188.77	189.71	59.75	102.37	11,963.62	646.44	306.98	339.46	1.904	
18,000.00	7,269.24	17,730.37	6,942.28	190.43	191.38	59.76	102.41	12,063.62	647.22	304.73	342.49	1.890	
18,100.00	7,269.02	17,830.36	6,941.79	192.10	193.04	59.77	102.46	12,163.61	647.99	302.48	345.51	1.875 SF	
18,200.00	7,268.79	17,886.97	6,941.51	193.76	193.98	59.78	102.48	12,220.23	650.22	303.80	346.42	1.877	
18,206.76	7,268.78	17,886.97	6,941.51	193.87	193.98	59.78	102.48	12,220.23	650.75	304.60	346.16	1.880	

Hewlett-Packard  
Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	90.00	0.00	20.05	20.05				
100.00	100.00	100.00	100.00	3.28	3.28	90.00	0.00	20.05	20.05	12.52	7.53	2.662	
200.00	200.00	200.00	200.00	3.31	3.31	90.00	0.00	20.05	20.05	12.47	7.57	2.647 CC	
300.00	300.00	299.30	299.28	3.35	3.35	88.49	0.57	21.67	21.69	14.03	7.66	2.831	
400.00	399.98	398.47	398.31	3.41	3.42	19.58	2.27	26.53	25.03	17.25	7.78	3.218	
500.00	499.84	497.52	496.98	3.50	3.51	18.39	5.11	34.61	28.44	20.51	7.93	3.587	
600.00	599.45	596.45	595.18	3.61	3.62	17.88	9.07	45.89	31.89	23.77	8.11	3.930	
700.00	698.70	695.26	692.80	3.75	3.77	17.85	14.14	60.34	35.36	27.03	8.33	4.243	
800.00	797.47	794.01	789.76	3.91	3.96	18.17	20.31	77.95	38.86	30.26	8.60	4.521	
900.00	895.62	906.02	887.62	4.12	4.22	19.43	27.08	97.26	40.60	31.64	8.96	4.529	
1,000.00	993.32	1,006.03	985.49	4.36	4.48	21.75	33.86	116.57	40.22	30.86	9.36	4.296	
1,100.00	1,091.01	1,106.05	1,083.36	4.63	4.77	24.15	40.63	135.88	39.85	30.05	9.80	4.067	
1,200.00	1,188.69	1,193.94	1,181.23	4.93	5.03	26.58	47.40	155.19	39.56	29.31	10.25	3.859	
1,300.00	1,286.38	1,306.08	1,279.09	5.24	5.39	29.05	54.18	174.50	39.34	28.54	10.80	3.644	
1,400.00	1,384.06	1,393.91	1,376.96	5.57	5.68	31.54	60.95	193.81	39.19	27.87	11.32	3.463	
1,500.00	1,481.75	1,493.89	1,474.83	5.92	6.02	34.05	67.73	213.12	39.12	27.21	11.90	3.286	
1,548.35	1,528.98	1,542.24	1,522.15	6.09	6.19	35.26	71.00	222.45	39.11	26.91	12.20	3.205	
1,600.00	1,579.44	1,593.88	1,572.70	6.27	6.38	36.56	74.50	232.43	39.12	26.59	12.53	3.123	
1,700.00	1,677.12	1,693.86	1,670.57	6.63	6.74	39.06	81.27	251.74	39.19	26.01	13.18	2.974	
1,800.00	1,774.81	1,793.85	1,768.44	7.01	7.10	41.55	88.05	271.05	39.34	25.48	13.87	2.838	
1,900.00	1,872.49	1,906.16	1,866.31	7.21	7.33	44.02	94.82	290.36	39.57	25.65	13.92	2.843	
2,000.00	1,970.18	2,006.18	1,964.18	7.26	7.38	46.45	101.59	309.67	39.87	25.79	14.07	2.833	
2,100.00	2,067.87	2,106.19	2,062.04	7.33	7.45	48.85	108.37	328.98	40.23	25.97	14.26	2.821	
2,200.00	2,165.55	2,206.21	2,159.91	7.42	7.53	51.19	115.14	348.29	40.67	26.18	14.49	2.808	
2,300.00	2,263.24	2,306.22	2,257.78	7.52	7.63	53.49	121.92	367.60	41.17	26.43	14.75	2.792	
2,400.00	2,360.92	2,406.24	2,356.65	7.64	7.75	55.72	128.69	386.91	41.74	26.70	15.04	2.775	
2,500.00	2,458.61	2,506.25	2,453.52	7.77	7.88	57.89	135.46	406.22	42.37	27.01	15.36	2.758	
2,600.00	2,556.30	2,606.27	2,551.39	7.92	8.02	60.00	142.24	425.53	43.06	27.34	15.72	2.740	
2,700.00	2,653.98	2,706.28	2,649.26	8.08	8.18	62.03	149.01	444.84	43.80	27.71	16.10	2.721	
2,800.00	2,751.67	2,806.30	2,747.13	8.26	8.35	64.00	155.78	464.15	44.60	28.10	16.50	2.703	
2,900.00	2,849.35	2,906.31	2,845.00	8.45	8.53	65.89	162.56	483.46	45.45	28.53	16.92	2.686	
3,000.00	2,947.04	2,993.67	2,942.86	8.65	8.70	67.72	169.33	502.77	46.35	29.00	17.35	2.672	
3,100.00	3,044.72	3,106.34	3,040.73	8.86	8.93	69.47	176.10	522.08	47.29	29.46	17.83	2.652	
3,200.00	3,142.41	3,206.36	3,138.60	9.08	9.14	71.15	182.88	541.39	48.27	29.96	18.31	2.636	
3,300.00	3,240.10	3,306.37	3,236.47	9.31	9.36	72.76	189.65	560.70	49.30	30.49	18.81	2.621	
3,400.00	3,337.78	3,406.38	3,334.34	9.55	9.59	74.31	196.43	580.01	50.36	31.04	19.32	2.606	
3,500.00	3,435.47	3,506.40	3,432.21	9.80	9.83	75.79	203.20	599.32	51.46	31.61	19.85	2.593	
3,600.00	3,533.15	3,606.41	3,530.08	10.05	10.08	77.21	209.97	618.63	52.59	32.20	20.38	2.580	
3,700.00	3,630.84	3,706.43	3,627.95	10.31	10.33	78.57	216.75	637.94	53.75	32.82	20.93	2.568	
3,800.00	3,728.53	3,793.56	3,725.81	10.58	10.56	79.87	223.52	657.25	54.94	33.48	21.45	2.561	
3,900.00	3,826.21	3,906.46	3,823.68	10.85	10.86	81.12	230.29	676.56	56.15	34.10	22.05	2.546	
4,000.00	3,923.90	4,006.47	3,921.55	11.13	11.13	82.31	237.07	695.87	57.40	34.77	22.63	2.536	
4,100.00	4,021.58	4,106.49	4,019.42	11.42	11.40	83.45	243.84	715.18	58.66	35.45	23.21	2.527	
4,200.00	4,119.27	4,206.50	4,117.29	11.70	11.68	84.54	250.61	734.49	59.95	36.15	23.80	2.519	
4,300.00	4,216.96	4,293.48	4,215.16	12.00	11.93	85.58	257.39	753.80	61.26	36.89	24.36	2.514	
4,400.00	4,314.64	4,406.53	4,313.03	12.29	12.26	86.59	264.16	773.11	62.59	37.58	25.00	2.503	
4,500.00	4,412.33	4,506.55	4,410.90	12.59	12.55	87.55	270.94	792.42	63.93	38.32	25.61	2.496	
4,600.00	4,510.01	4,606.56	4,508.76	12.90	12.84	88.47	277.71	811.73	65.30	39.07	26.23	2.490	
4,700.00	4,607.70	4,706.58	4,606.63	13.21	13.14	89.35	284.48	831.04	66.68	39.83	26.85	2.483	
4,800.00	4,705.39	4,806.59	4,704.50	13.52	13.45	90.19	291.26	850.35	68.07	40.60	27.47	2.478	
4,900.00	4,803.07	4,906.61	4,802.37	13.83	13.75	91.01	298.03	869.66	69.48	41.38	28.10	2.472	
5,000.00	4,900.76	5,006.62	4,900.24	14.14	14.06	91.78	304.80	888.97	70.91	42.17	28.74	2.467	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	
5,100.00	4,998.44	5,106.63	4,998.11	14.46	14.37	92.53	311.58	908.28	72.34	42.97	29.37	2.463	
5,200.00	5,096.13	5,206.65	5,095.98	14.78	14.68	93.25	318.35	927.59	73.79	43.77	30.01	2.458	
5,300.00	5,193.82	5,306.66	5,193.85	15.11	15.00	93.94	325.13	946.90	75.25	44.59	30.66	2.454	
5,400.00	5,291.50	5,406.68	5,291.72	15.43	15.31	94.61	331.90	966.21	76.72	45.41	31.31	2.450	
5,500.00	5,389.19	5,493.31	5,389.58	15.76	15.59	95.25	338.67	985.52	78.19	46.28	31.91	2.450	
5,600.00	5,486.87	5,606.71	5,487.45	16.09	15.95	95.87	345.45	1,004.83	79.68	47.07	32.61	2.443	
5,700.00	5,584.56	5,706.72	5,585.32	16.42	16.28	96.46	352.22	1,024.14	81.18	47.91	33.27	2.440	
5,800.00	5,682.25	5,806.74	5,683.19	16.75	16.60	97.03	358.99	1,043.45	82.69	48.76	33.93	2.437	
5,900.00	5,779.93	5,906.75	5,781.06	17.08	16.93	97.58	365.77	1,062.76	84.20	49.61	34.59	2.434	
6,000.00	5,877.62	6,006.77	5,878.93	17.42	17.25	98.11	372.54	1,082.07	85.72	50.47	35.25	2.432	
6,100.00	5,975.30	6,106.78	5,976.80	17.75	17.58	98.63	379.31	1,101.38	87.25	51.33	35.92	2.429	
6,200.00	6,072.99	6,193.20	6,074.67	18.09	17.87	99.12	386.09	1,120.69	88.78	52.25	36.54	2.430	
6,300.00	6,170.67	6,306.81	6,172.53	18.43	18.24	99.60	392.86	1,140.00	90.33	53.07	37.25	2.425	
6,400.00	6,268.36	6,406.83	6,270.40	18.77	18.57	100.07	399.64	1,159.31	91.87	53.95	37.92	2.423	
6,500.00	6,366.05	6,506.84	6,368.27	19.11	18.91	100.51	406.41	1,178.62	93.43	54.83	38.60	2.421	
6,600.00	6,463.73	6,606.85	6,466.14	19.45	19.24	100.95	413.18	1,197.93	94.99	55.72	39.27	2.419	
6,700.00	6,561.42	6,693.13	6,564.01	19.79	19.53	101.36	419.96	1,217.24	96.55	56.65	39.90	2.420	
6,800.00	6,659.10	6,791.67	6,660.12	20.13	19.87	100.87	426.62	1,237.80	98.45	57.87	40.58	2.426	
6,900.00	6,756.79	6,886.55	6,749.30	20.48	20.29	93.84	432.86	1,269.33	103.99	62.77	41.23	2.523	
7,000.00	6,853.49	6,976.85	6,828.95	20.85	20.79	75.05	438.50	1,311.35	115.93	74.53	41.40	2.800	
7,100.00	6,945.46	7,064.37	6,899.73	21.34	21.36	61.72	443.57	1,362.45	130.55	89.27	41.28	3.163	
7,200.00	7,030.35	7,149.65	6,961.34	21.94	22.00	53.07	448.06	1,421.15	145.82	104.81	41.01	3.556	
7,300.00	7,106.06	7,233.09	7,013.53	22.66	22.71	47.13	451.94	1,486.07	160.46	119.77	40.69	3.944	
7,400.00	7,170.73	7,315.05	7,056.11	23.49	23.47	42.96	455.18	1,555.96	173.63	133.27	40.35	4.303	
7,500.00	7,222.77	7,395.84	7,088.98	24.43	24.29	40.06	457.78	1,629.65	184.75	144.69	40.05	4.612	
7,600.00	7,260.89	7,475.75	7,112.08	25.45	25.15	38.10	459.73	1,706.07	193.43	153.60	39.83	4.856	
7,700.00	7,284.16	7,555.04	7,125.39	26.55	26.04	36.90	461.01	1,784.18	199.41	159.69	39.72	5.020	
7,800.00	7,292.01	7,636.17	7,128.96	27.69	26.97	36.36	461.65	1,865.17	202.48	162.57	39.90	5.074	
7,900.00	7,291.78	7,736.17	7,128.53	28.86	28.15	36.40	462.10	1,965.16	202.84	161.54	41.30	4.911	
8,000.00	7,291.56	7,836.16	7,128.11	30.07	29.38	36.45	462.55	2,065.16	203.20	160.40	42.80	4.748	
8,100.00	7,291.34	7,936.16	7,127.68	31.33	30.65	36.49	463.00	2,165.16	203.56	159.18	44.38	4.587	
8,200.00	7,291.11	8,036.16	7,127.25	32.62	31.96	36.53	463.46	2,265.16	203.92	157.88	46.04	4.429	
8,300.00	7,290.89	8,136.16	7,126.82	33.95	33.30	36.57	463.91	2,365.15	204.28	156.51	47.77	4.276	
8,400.00	7,290.67	8,236.16	7,126.40	35.30	34.67	36.61	464.36	2,465.15	204.64	155.07	49.57	4.128	
8,500.00	7,290.44	8,336.16	7,125.97	36.69	36.06	36.65	464.82	2,565.15	205.00	153.57	51.43	3.986	
8,600.00	7,290.22	8,436.16	7,125.54	38.09	37.48	36.69	465.27	2,665.14	205.36	152.03	53.33	3.851	
8,700.00	7,290.00	8,536.16	7,125.12	39.51	38.91	36.73	465.72	2,765.14	205.72	150.44	55.29	3.721	
8,800.00	7,289.78	8,636.16	7,124.69	40.96	40.37	36.77	466.18	2,865.14	206.08	148.80	57.28	3.598	
8,900.00	7,289.55	8,736.16	7,124.26	42.42	41.84	36.81	466.63	2,965.14	206.44	147.13	59.31	3.480	
9,000.00	7,289.33	8,836.16	7,123.83	43.89	43.32	36.84	467.08	3,065.13	206.80	145.42	61.38	3.369	
9,100.00	7,289.11	8,936.16	7,123.41	45.38	44.82	36.88	467.54	3,165.13	207.16	143.68	63.48	3.263	
9,200.00	7,288.88	9,036.16	7,122.98	46.88	46.33	36.92	467.99	3,265.13	207.53	141.92	65.61	3.163	
9,300.00	7,288.66	9,136.16	7,122.55	48.39	47.85	36.96	468.44	3,365.13	207.89	140.12	67.76	3.068	
9,400.00	7,288.44	9,236.15	7,122.13	49.91	49.38	37.00	468.90	3,465.12	208.25	138.31	69.94	2.978	
9,500.00	7,288.21	9,336.15	7,121.70	51.44	50.92	37.04	469.35	3,565.12	208.61	136.47	72.14	2.892	
9,600.00	7,287.99	9,436.15	7,121.27	52.98	52.47	37.08	469.80	3,665.12	208.97	134.61	74.36	2.810	
9,700.00	7,287.77	9,536.15	7,120.84	54.53	54.02	37.12	470.25	3,765.12	209.33	132.74	76.60	2.733	
9,800.00	7,287.54	9,636.15	7,120.42	56.09	55.58	37.15	470.71	3,865.11	209.69	130.84	78.85	2.659	
9,900.00	7,287.32	9,736.15	7,119.99	57.65	57.15	37.19	471.16	3,965.11	210.06	128.93	81.12	2.589	
10,000.00	7,287.10	9,836.15	7,119.56	59.21	58.73	37.23	471.61	4,065.11	210.42	127.01	83.41	2.523	
10,100.00	7,286.87	9,936.15	7,119.14	60.79	60.30	37.27	472.07	4,165.10	210.78	125.07	85.71	2.459	
10,200.00	7,286.65	10,036.15	7,118.71	62.36	61.89	37.31	472.52	4,265.10	211.14	123.12	88.02	2.399	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,300.00	7,286.43	10,136.15	7,118.28	63.95	63.48	37.34	472.97	4,365.10	211.50	121.16	90.34	2.341	
10,400.00	7,286.20	10,236.15	7,117.86	65.53	65.07	37.38	473.43	4,465.10	211.87	119.19	92.68	2.286	
10,500.00	7,285.98	10,336.15	7,117.43	67.12	66.67	37.42	473.88	4,565.09	212.23	117.20	95.02	2.233	
10,600.00	7,285.76	10,436.15	7,117.00	68.72	68.27	37.46	474.33	4,665.09	212.59	115.21	97.38	2.183	
10,700.00	7,285.53	10,536.14	7,116.57	70.32	69.87	37.49	474.79	4,765.09	212.95	113.21	99.74	2.135	
10,800.00	7,285.31	10,636.14	7,116.15	71.92	71.47	37.53	475.24	4,865.09	213.31	111.20	102.12	2.089	
10,900.00	7,285.09	10,736.14	7,115.72	73.52	73.08	37.57	475.69	4,965.08	213.68	109.18	104.50	2.045	
11,000.00	7,284.86	10,836.14	7,115.29	75.13	74.70	37.60	476.15	5,065.08	214.04	107.15	106.89	2.003	
11,100.00	7,284.64	10,936.14	7,114.87	76.74	76.31	37.64	476.60	5,165.08	214.40	105.12	109.28	1.962	
11,200.00	7,284.42	11,036.14	7,114.44	78.35	77.93	37.68	477.05	5,265.07	214.77	103.08	111.69	1.923	
11,300.00	7,284.19	11,136.14	7,114.01	79.97	79.55	37.71	477.50	5,365.07	215.13	101.03	114.10	1.885	
11,400.00	7,283.97	11,236.14	7,113.58	81.59	81.17	37.75	477.96	5,465.07	215.49	98.98	116.51	1.849	
11,500.00	7,283.75	11,336.14	7,113.16	83.21	82.79	37.78	478.41	5,565.07	215.85	96.92	118.94	1.815	
11,600.00	7,283.52	11,436.14	7,112.73	84.83	84.42	37.82	478.86	5,665.06	216.22	94.85	121.37	1.782	
11,700.00	7,283.30	11,536.14	7,112.30	86.45	86.05	37.86	479.32	5,765.06	216.58	92.78	123.80	1.749	
11,800.00	7,283.08	11,636.14	7,111.88	88.08	87.67	37.89	479.77	5,865.06	216.94	90.70	126.24	1.718	
11,900.00	7,282.86	11,736.14	7,111.45	89.71	89.31	37.93	480.22	5,965.06	217.31	88.62	128.69	1.689	
12,000.00	7,282.63	11,836.13	7,111.02	91.33	90.94	37.96	480.68	6,065.05	217.67	86.54	131.14	1.660	
12,100.00	7,282.41	11,936.13	7,110.59	92.97	92.57	38.00	481.13	6,165.05	218.03	84.44	133.59	1.632	
12,200.00	7,282.19	12,036.13	7,110.17	94.60	94.21	38.03	481.58	6,265.05	218.40	82.35	136.05	1.605	
12,300.00	7,281.96	12,136.13	7,109.74	96.23	95.84	38.07	482.04	6,365.05	218.76	80.25	138.51	1.579	
12,400.00	7,281.74	12,236.13	7,109.31	97.86	97.48	38.10	482.49	6,465.04	219.13	78.14	140.98	1.554	
12,500.00	7,281.52	12,336.13	7,108.89	99.50	99.12	38.14	482.94	6,565.04	219.49	76.03	143.46	1.530	
12,600.00	7,281.29	12,436.13	7,108.46	101.14	100.76	38.17	483.40	6,665.04	219.85	73.92	145.93	1.507	
12,700.00	7,281.07	12,536.13	7,108.03	102.78	102.40	38.21	483.85	6,765.03	220.22	71.81	148.41	1.484 Level 3	
12,800.00	7,280.85	12,636.13	7,107.60	104.41	104.04	38.24	484.30	6,865.03	220.58	69.69	150.90	1.462 Level 3	
12,900.00	7,280.62	12,736.13	7,107.18	106.05	105.68	38.28	484.75	6,965.03	220.95	67.56	153.38	1.440 Level 3	
13,000.00	7,280.40	12,836.13	7,106.75	107.70	107.33	38.31	485.21	7,065.03	221.31	65.44	155.88	1.420 Level 3	
13,100.00	7,280.18	12,936.13	7,106.32	109.34	108.97	38.35	485.66	7,165.02	221.68	63.30	158.37	1.400 Level 3	
13,200.00	7,279.95	13,036.13	7,105.90	110.98	110.62	38.38	486.11	7,265.02	222.04	61.17	160.87	1.380 Level 3	
13,300.00	7,279.73	13,136.13	7,105.47	112.62	112.26	38.41	486.57	7,365.02	222.40	59.03	163.37	1.361 Level 3	
13,400.00	7,279.51	13,236.12	7,105.04	114.27	113.91	38.45	487.02	7,465.02	222.77	56.89	165.88	1.343 Level 3	
13,500.00	7,279.28	13,336.12	7,104.62	115.91	115.56	38.48	487.47	7,565.01	223.13	54.75	168.38	1.325 Level 3	
13,600.00	7,279.06	13,436.12	7,104.19	117.56	117.20	38.52	487.93	7,665.01	223.50	52.60	170.90	1.308 Level 3	
13,700.00	7,278.84	13,536.12	7,103.76	119.21	118.85	38.55	488.38	7,765.01	223.86	50.45	173.41	1.291 Level 3	
13,800.00	7,278.61	13,636.12	7,103.33	120.85	120.50	38.58	488.83	7,865.00	224.23	48.30	175.93	1.275 Level 3	
13,900.00	7,278.39	13,736.12	7,102.91	122.50	122.15	38.62	489.29	7,965.00	224.59	46.15	178.45	1.259 Level 3	
14,000.00	7,278.17	13,836.12	7,102.48	124.15	123.80	38.65	489.74	8,065.00	224.96	43.99	180.97	1.243 Level 2	
14,100.00	7,277.94	13,936.12	7,102.05	125.80	125.46	38.68	490.19	8,165.00	225.32	41.83	183.49	1.228 Level 2	
14,200.00	7,277.72	14,036.12	7,101.63	127.45	127.11	38.71	490.65	8,264.99	225.69	39.67	186.02	1.213 Level 2	
14,300.00	7,277.50	14,136.12	7,101.20	129.10	128.76	38.75	491.10	8,364.99	226.05	37.50	188.55	1.199 Level 2	
14,400.00	7,277.27	14,236.12	7,100.77	130.75	130.41	38.78	491.55	8,464.99	226.42	35.33	191.09	1.185 Level 2	
14,500.00	7,277.05	14,336.12	7,100.34	132.40	132.07	38.81	492.00	8,564.99	226.79	33.16	193.62	1.171 Level 2	
14,600.00	7,276.83	14,436.12	7,099.92	134.06	133.72	38.85	492.46	8,664.98	227.15	30.99	196.16	1.158 Level 2	
14,700.00	7,276.60	14,536.11	7,099.49	135.71	135.37	38.88	492.91	8,764.98	227.52	28.81	198.70	1.145 Level 2	
14,800.00	7,276.38	14,636.11	7,099.06	137.36	137.03	38.91	493.36	8,864.98	227.88	26.64	201.25	1.132 Level 2	
14,900.00	7,276.16	14,736.11	7,098.64	139.02	138.68	38.94	493.82	8,964.98	228.25	24.46	203.79	1.120 Level 2	
15,000.00	7,275.94	14,836.11	7,098.21	140.67	140.34	38.97	494.27	9,064.97	228.61	22.27	206.34	1.108 Level 2	
15,100.00	7,275.71	14,936.11	7,097.78	142.32	142.00	39.01	494.72	9,164.97	228.98	20.09	208.89	1.096 Level 2	
15,200.00	7,275.49	15,036.11	7,097.35	143.98	143.65	39.04	495.18	9,264.97	229.35	17.90	211.44	1.085 Level 2	
15,300.00	7,275.27	15,136.11	7,096.93	145.63	145.31	39.07	495.63	9,364.96	229.71	15.71	214.00	1.073 Level 2	
15,400.00	7,275.04	15,236.11	7,096.50	147.29	146.97	39.10	496.08	9,464.96	230.08	13.52	216.55	1.062 Level 2	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 23N-3B-L - 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,274.82	15,336.11	7,096.07	148.95	148.62	39.13	496.54	9,564.96	230.44	11.33	219.11	1.052	Level 2
15,600.00	7,274.60	15,436.11	7,095.65	150.60	150.28	39.17	496.99	9,664.96	230.81	9.14	221.68	1.041	Level 2
15,700.00	7,274.37	15,536.11	7,095.22	152.26	151.94	39.20	497.44	9,764.95	231.18	6.94	224.24	1.031	Level 2
15,800.00	7,274.15	15,636.11	7,094.79	153.92	153.60	39.23	497.90	9,864.95	231.54	4.74	226.80	1.021	Level 2
15,900.00	7,273.93	15,736.11	7,094.37	155.57	155.26	39.26	498.35	9,964.95	231.91	2.54	229.37	1.011	Level 2
16,000.00	7,273.70	15,836.11	7,093.94	157.23	156.91	39.29	498.80	10,064.95	232.28	0.34	231.94	1.001	Level 2
16,100.00	7,273.48	15,936.10	7,093.51	158.89	158.57	39.32	499.25	10,164.94	232.64	-1.87	234.51	0.992	Level 1
16,200.00	7,273.26	16,036.10	7,093.08	160.55	160.23	39.35	499.71	10,264.94	233.01	-4.08	237.09	0.983	Level 1
16,300.00	7,273.03	16,136.10	7,092.66	162.20	161.89	39.38	500.16	10,364.94	233.38	-6.28	239.66	0.974	Level 1
16,400.00	7,272.81	16,236.10	7,092.23	163.86	163.55	39.41	500.61	10,464.93	233.74	-8.50	242.24	0.965	Level 1
16,500.00	7,272.59	16,336.10	7,091.80	165.52	165.21	39.45	501.07	10,564.93	234.11	-10.71	244.82	0.956	Level 1
16,600.00	7,272.36	16,436.10	7,091.38	167.18	166.87	39.48	501.52	10,664.93	234.48	-12.92	247.40	0.948	Level 1
16,700.00	7,272.14	16,536.10	7,090.95	168.84	168.53	39.51	501.97	10,764.93	234.84	-15.14	249.98	0.939	Level 1
16,800.00	7,271.92	16,636.10	7,090.52	170.50	170.20	39.54	502.43	10,864.92	235.21	-17.36	252.57	0.931	Level 1
16,900.00	7,271.69	16,736.10	7,090.09	172.16	171.86	39.57	502.88	10,964.92	235.58	-19.57	255.15	0.923	Level 1
17,000.00	7,271.47	16,836.10	7,089.67	173.82	173.52	39.60	503.33	11,064.92	235.95	-21.80	257.74	0.915	Level 1
17,100.00	7,271.25	16,936.10	7,089.24	175.48	175.18	39.63	503.79	11,164.92	236.31	-24.02	260.33	0.908	Level 1
17,200.00	7,271.02	17,036.10	7,088.81	177.14	176.84	39.66	504.24	11,264.91	236.68	-26.24	262.92	0.900	Level 1
17,300.00	7,270.80	17,136.10	7,088.39	178.80	178.50	39.69	504.69	11,364.91	237.05	-28.47	265.52	0.893	Level 1
17,400.00	7,270.58	17,236.09	7,087.96	180.46	180.17	39.72	505.15	11,464.91	237.42	-30.70	268.11	0.886	Level 1
17,500.00	7,270.35	17,336.09	7,087.53	182.12	181.83	39.75	505.60	11,564.91	237.78	-32.93	270.71	0.878	Level 1
17,600.00	7,270.13	17,436.09	7,087.10	183.79	183.49	39.78	506.05	11,664.90	238.15	-35.16	273.31	0.871	Level 1
17,700.00	7,269.91	17,536.09	7,086.68	185.45	185.15	39.81	506.50	11,764.90	238.52	-37.39	275.91	0.864	Level 1
17,800.00	7,269.68	17,636.09	7,086.25	187.11	186.82	39.84	506.96	11,864.90	238.89	-39.62	278.51	0.858	Level 1
17,900.00	7,269.46	17,736.09	7,085.82	188.77	188.48	39.86	507.41	11,964.89	239.25	-41.86	281.11	0.851	Level 1
18,000.00	7,269.24	17,836.09	7,085.40	190.43	190.14	39.89	507.86	12,064.89	239.62	-44.10	283.72	0.845	Level 1
18,100.00	7,269.02	17,936.09	7,084.97	192.10	191.81	39.92	508.32	12,164.89	239.99	-46.34	286.33	0.838	Level 1
18,100.73	7,269.01	17,936.82	7,084.97	192.11	191.82	39.92	508.32	12,165.62	239.99	-46.35	286.34	0.838	Level 1
18,200.00	7,268.79	18,028.81	7,084.57	193.76	193.35	39.95	508.74	12,257.61	240.47	-47.77	288.23	0.834	Level 1, ES, SF
18,206.76	7,268.78	18,028.81	7,084.57	193.87	193.35	39.95	508.74	12,257.61	240.79	-46.74	287.53	0.837	Level 1



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	0.00	0.00	3.28	3.28	90.52	-0.36	39.81	39.81					
100.00	100.00	100.00	100.00	3.28	3.28	90.52	-0.36	39.81	39.81	32.29	7.53	5.288		
200.00	200.00	200.00	200.00	3.31	3.31	90.52	-0.36	39.81	39.81	32.24	7.57	5.257		
245.60	245.60	245.61	245.60	3.32	3.32	90.00	0.00	39.81	39.81	32.20	7.61	5.232	CC	
300.00	300.00	299.44	299.42	3.35	3.35	88.42	1.11	40.08	40.10	32.44	7.66	5.234		
400.00	399.98	398.01	397.92	3.41	3.41	19.55	3.36	43.13	41.66	33.88	7.78	5.355		
500.00	499.84	496.53	496.19	3.50	3.50	19.13	5.81	49.55	43.40	35.47	7.93	5.473		
600.00	599.45	594.99	594.12	3.61	3.60	20.20	8.47	59.34	45.29	37.18	8.11	5.582		
700.00	698.70	693.35	691.56	3.75	3.74	22.59	11.33	72.46	47.39	39.06	8.33	5.687		
800.00	797.47	791.62	788.39	3.91	3.91	26.07	14.37	88.90	49.83	41.24	8.59	5.799		
900.00	895.62	908.56	886.42	4.12	4.17	30.82	17.57	107.43	51.25	42.28	8.97	5.712		
988.41	982.05	979.73	973.13	4.33	4.34	35.93	20.40	123.82	51.35	42.04	9.30	5.518		
1,000.00	993.32	1,008.71	984.49	4.36	4.41	36.79	20.78	125.97	51.16	41.77	9.39	5.447		
1,100.00	1,091.01	1,091.15	1,082.56	4.63	4.63	42.76	23.98	144.51	51.58	41.74	9.83	5.245		
1,200.00	1,188.69	1,208.99	1,180.62	4.93	4.96	48.57	27.18	163.05	52.54	42.13	10.42	5.044		
1,300.00	1,286.38	1,309.14	1,278.69	5.24	5.26	54.11	30.38	181.59	54.03	43.01	11.02	4.904		
1,400.00	1,384.06	1,390.72	1,376.76	5.57	5.52	59.32	33.58	200.13	55.99	44.38	11.62	4.820		
1,500.00	1,481.75	1,509.43	1,474.83	5.92	5.90	64.13	36.79	218.67	58.39	46.03	12.36	4.724		
1,600.00	1,579.44	1,609.57	1,572.89	6.27	6.23	68.54	39.99	237.21	61.16	48.07	13.08	4.674		
1,700.00	1,677.12	1,690.28	1,670.96	6.63	6.51	72.55	43.19	255.75	64.26	50.49	13.77	4.667		
1,800.00	1,774.81	1,809.86	1,769.03	7.01	6.91	76.17	46.39	274.29	67.65	53.07	14.58	4.639		
1,900.00	1,872.49	1,890.00	1,867.09	7.21	7.06	79.43	49.60	292.83	71.28	56.67	14.61	4.877		
2,000.00	1,970.18	1,989.85	1,965.16	7.26	7.12	82.37	52.80	311.36	75.12	60.35	14.77	5.085		
2,100.00	2,067.87	2,089.71	2,063.23	7.33	7.18	85.02	56.00	329.90	79.14	64.20	14.94	5.297		
2,200.00	2,165.55	2,189.56	2,161.30	7.42	7.25	87.41	59.20	348.44	83.31	68.17	15.14	5.504		
2,300.00	2,263.24	2,289.42	2,259.36	7.52	7.34	89.57	62.41	366.98	87.61	72.26	15.35	5.706		
2,400.00	2,360.92	2,389.27	2,357.43	7.64	7.45	91.52	65.61	385.52	92.03	76.43	15.60	5.899		
2,500.00	2,458.61	2,489.13	2,455.50	7.77	7.57	93.29	68.81	404.06	96.54	80.67	15.87	6.083		
2,600.00	2,556.30	2,588.99	2,553.57	7.92	7.71	94.91	72.01	422.60	101.13	84.97	16.16	6.256		
2,700.00	2,653.98	2,688.84	2,651.63	8.08	7.86	96.38	75.22	441.14	105.80	89.32	16.48	6.419		
2,800.00	2,751.67	2,788.70	2,749.70	8.26	8.02	97.73	78.42	459.68	110.53	93.71	16.83	6.569		
2,900.00	2,849.35	2,888.55	2,847.77	8.45	8.19	98.96	81.62	478.22	115.32	98.13	17.19	6.709		
3,000.00	2,947.04	2,988.41	2,945.84	8.65	8.37	100.10	84.82	496.76	120.16	102.59	17.57	6.837		
3,100.00	3,044.72	3,088.26	3,043.90	8.86	8.57	101.15	88.02	515.30	125.04	107.06	17.98	6.955		
3,200.00	3,142.41	3,188.12	3,141.97	9.08	8.77	102.12	91.23	533.84	129.96	111.56	18.40	7.062		
3,300.00	3,240.10	3,287.97	3,240.04	9.31	8.98	103.01	94.43	552.37	134.91	116.07	18.84	7.160		
3,400.00	3,337.78	3,387.83	3,338.10	9.55	9.21	103.85	97.63	570.91	139.90	120.60	19.30	7.249		
3,500.00	3,435.47	3,487.69	3,436.17	9.80	9.43	104.63	100.83	589.45	144.91	125.14	19.77	7.330		
3,600.00	3,533.15	3,587.54	3,534.24	10.05	9.67	105.35	104.04	607.99	149.95	129.69	20.26	7.403		
3,700.00	3,630.84	3,687.40	3,632.31	10.31	9.91	106.03	107.24	626.53	155.01	134.25	20.75	7.468		
3,800.00	3,728.53	3,787.25	3,730.37	10.58	10.16	106.66	110.44	645.07	160.09	138.82	21.27	7.528		
3,900.00	3,826.21	3,887.11	3,828.44	10.85	10.42	107.26	113.64	663.61	165.19	143.40	21.79	7.581		
4,000.00	3,923.90	3,986.96	3,926.51	11.13	10.68	107.82	116.85	682.15	170.30	147.98	22.32	7.629		
4,100.00	4,021.58	4,086.82	4,024.58	11.42	10.95	108.35	120.05	700.69	175.43	152.57	22.87	7.672		
4,200.00	4,119.27	4,186.68	4,122.64	11.70	11.22	108.84	123.25	719.23	180.58	157.16	23.42	7.711		
4,300.00	4,216.96	4,286.53	4,220.71	12.00	11.49	109.31	126.45	737.77	185.73	161.75	23.98	7.746		
4,400.00	4,314.64	4,386.39	4,318.78	12.29	11.77	109.76	129.65	756.31	190.90	166.35	24.55	7.777		
4,500.00	4,412.33	4,486.24	4,416.84	12.59	12.05	110.18	132.86	774.85	196.08	170.96	25.13	7.804		
4,600.00	4,510.01	4,586.10	4,514.91	12.90	12.34	110.58	136.06	793.39	201.27	175.56	25.71	7.829		
4,700.00	4,607.70	4,685.95	4,612.98	13.21	12.63	110.96	139.26	811.92	206.47	180.17	26.30	7.851		
4,800.00	4,705.39	4,785.81	4,711.05	13.52	12.92	111.32	142.46	830.46	211.68	184.78	26.89	7.871		
4,900.00	4,803.07	4,885.67	4,809.11	13.83	13.21	111.66	145.67	849.00	216.89	189.40	27.50	7.888		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	
5,000.00	4,900.76	4,985.52	4,907.18	14.14	13.51	111.99	148.87	867.54	222.12	194.01	28.10	7.904	
5,100.00	4,998.44	5,085.38	5,005.25	14.46	13.81	112.30	152.07	886.08	227.35	198.63	28.71	7.917	
5,200.00	5,096.13	5,185.23	5,103.32	14.78	14.12	112.60	155.27	904.62	232.58	203.25	29.33	7.930	
5,300.00	5,193.82	5,285.09	5,201.38	15.11	14.42	112.88	158.48	923.16	237.83	207.87	29.95	7.940	
5,400.00	5,291.50	5,384.94	5,299.45	15.43	14.73	113.16	161.68	941.70	243.07	212.50	30.58	7.950	
5,500.00	5,389.19	5,484.80	5,397.52	15.76	15.04	113.42	164.88	960.24	248.33	217.12	31.21	7.958	
5,600.00	5,486.87	5,584.66	5,495.58	16.09	15.35	113.67	168.08	978.78	253.59	221.75	31.84	7.965	
5,700.00	5,584.56	5,684.51	5,593.65	16.42	15.66	113.91	171.28	997.32	258.85	226.38	32.47	7.971	
5,800.00	5,682.25	5,784.37	5,691.72	16.75	15.97	114.14	174.49	1,015.86	264.12	231.00	33.11	7.976	
5,900.00	5,779.93	5,884.22	5,789.79	17.08	16.29	114.36	177.69	1,034.40	269.39	235.63	33.75	7.981	
6,000.00	5,877.62	5,984.08	5,887.85	17.42	16.60	114.57	180.89	1,052.93	274.66	240.26	34.40	7.985	
6,100.00	5,975.30	6,083.93	5,985.92	17.75	16.92	114.78	184.09	1,071.47	279.94	244.89	35.05	7.988	
6,200.00	6,072.99	6,183.79	6,083.99	18.09	17.24	114.98	187.30	1,090.01	285.22	249.53	35.70	7.990	
6,300.00	6,170.67	6,283.64	6,182.06	18.43	17.56	115.17	190.50	1,108.55	290.51	254.16	36.35	7.993	
6,400.00	6,268.36	6,383.50	6,280.12	18.77	17.88	115.35	193.70	1,127.09	295.80	258.79	37.00	7.994	
6,500.00	6,366.05	6,483.36	6,378.19	19.11	18.21	115.53	196.90	1,145.63	301.09	263.43	37.66	7.995	
6,600.00	6,463.73	6,583.21	6,476.26	19.45	18.53	115.70	200.11	1,164.17	306.38	268.07	38.32	7.996	
6,700.00	6,561.42	6,683.07	6,574.33	19.79	18.86	115.86	203.31	1,182.71	311.68	272.70	38.98	7.996	
6,800.00	6,659.10	6,782.92	6,672.39	20.13	19.18	116.02	206.51	1,201.25	316.98	277.34	39.64	7.996	
6,900.00	6,756.79	6,886.93	6,772.88	20.48	19.58	114.93	210.13	1,227.39	321.67	281.26	40.41	7.960	
7,000.00	6,853.49	6,988.08	6,865.27	20.85	20.07	103.64	214.24	1,268.10	325.73	284.37	41.36	7.875	
7,100.00	6,945.46	7,086.38	6,947.77	21.34	20.67	95.46	218.69	1,321.18	329.86	287.38	42.48	7.765	
7,200.00	7,030.35	7,182.17	7,019.36	21.94	21.36	89.90	223.37	1,384.51	333.92	290.17	43.75	7.632	
7,300.00	7,106.06	7,275.71	7,079.32	22.66	22.13	85.62	228.16	1,456.04	337.69	292.55	45.14	7.481	
7,400.00	7,170.73	7,367.27	7,127.23	23.49	22.98	82.16	232.95	1,533.82	340.94	294.32	46.62	7.313	
7,500.00	7,222.77	7,457.11	7,162.92	24.43	23.89	79.33	237.66	1,616.06	343.44	295.27	48.17	7.129	
7,600.00	7,260.89	7,545.50	7,186.38	25.45	24.84	77.07	242.22	1,701.08	344.98	295.21	49.77	6.932	
7,700.00	7,284.16	7,632.68	7,197.76	26.55	25.82	75.31	246.54	1,787.34	345.38	293.99	51.39	6.721	
7,800.00	7,292.01	7,725.86	7,198.76	27.69	26.89	74.26	250.94	1,880.39	343.99	290.77	53.21	6.464	
7,900.00	7,291.78	7,825.79	7,198.30	28.86	28.08	74.05	255.61	1,980.20	340.30	284.87	55.43	6.140	
8,000.00	7,291.56	7,925.71	7,197.83	30.07	29.33	73.83	260.29	2,080.02	336.62	278.89	57.73	5.831	
8,100.00	7,291.34	8,025.63	7,197.37	31.33	30.61	73.60	264.97	2,179.83	332.94	272.84	60.10	5.540	
8,200.00	7,291.11	8,125.56	7,196.91	32.62	31.93	73.37	269.65	2,279.64	329.27	266.73	62.54	5.265	
8,300.00	7,290.89	8,225.48	7,196.44	33.95	33.28	73.13	274.33	2,379.46	325.61	260.56	65.04	5.006	
8,400.00	7,290.67	8,325.41	7,195.98	35.30	34.65	72.89	279.01	2,479.27	321.95	254.36	67.59	4.763	
8,500.00	7,290.44	8,425.33	7,195.51	36.69	36.05	72.64	283.69	2,579.08	318.29	248.11	70.18	4.535	
8,600.00	7,290.22	8,525.25	7,195.05	38.09	37.47	72.39	288.37	2,678.89	314.64	241.84	72.80	4.322	
8,700.00	7,290.00	8,625.18	7,194.59	39.51	38.92	72.13	293.05	2,778.71	311.00	235.54	75.46	4.121	
8,800.00	7,289.78	8,725.10	7,194.12	40.96	40.38	71.86	297.73	2,878.52	307.37	229.22	78.14	3.933	
8,900.00	7,289.55	8,825.02	7,193.66	42.42	41.85	71.59	302.41	2,978.33	303.74	222.89	80.85	3.757	
9,000.00	7,289.33	8,924.95	7,193.19	43.89	43.34	71.31	307.09	3,078.15	300.12	216.54	83.57	3.591	
9,100.00	7,289.11	9,024.87	7,192.73	45.38	44.84	71.02	311.77	3,177.96	296.50	210.19	86.31	3.435	
9,200.00	7,288.88	9,124.79	7,192.27	46.88	46.35	70.73	316.44	3,277.77	292.89	203.84	89.06	3.289	
9,300.00	7,288.66	9,224.72	7,191.80	48.39	47.87	70.43	321.12	3,377.58	289.30	197.48	91.82	3.151	
9,400.00	7,288.44	9,324.64	7,191.34	49.91	49.40	70.12	325.80	3,477.40	285.70	191.13	94.58	3.021	
9,500.00	7,288.21	9,424.57	7,190.87	51.44	50.94	69.81	330.48	3,577.21	282.12	184.78	97.35	2.898	
9,600.00	7,287.99	9,524.49	7,190.41	52.98	52.49	69.48	335.16	3,677.02	278.55	178.44	100.11	2.782	
9,700.00	7,287.77	9,624.41	7,189.95	54.53	54.05	69.15	339.84	3,776.84	274.98	172.10	102.88	2.673	
9,800.00	7,287.54	9,724.34	7,189.48	56.09	55.61	68.81	344.52	3,876.65	271.43	165.79	105.64	2.569	
9,900.00	7,287.32	9,824.26	7,189.02	57.65	57.17	68.46	349.20	3,976.46	267.88	159.48	108.40	2.471	
10,000.00	7,287.10	9,924.18	7,188.55	59.21	58.75	68.10	353.88	4,076.28	264.35	153.20	111.15	2.378	
10,100.00	7,286.87	10,022.59	7,188.10	60.79	60.30	67.75	358.43	4,174.57	260.88	147.05	113.84	2.292	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,198.53	7,286.65	10,113.47	7,187.67	62.34	61.74	67.57	360.67	4,265.42	259.43	143.13	116.30	2.231	
10,200.00	7,286.65	10,114.83	7,187.67	62.36	61.76	67.57	360.69	4,266.78	259.44	143.10	116.34	2.230	
10,300.00	7,286.43	10,210.74	7,187.22	63.95	63.29	67.62	360.27	4,362.69	260.64	141.50	119.13	2.188	
10,400.00	7,286.20	10,310.72	7,186.75	65.53	64.88	67.71	359.40	4,462.67	262.25	140.07	122.19	2.146	
10,500.00	7,285.98	10,410.71	7,186.29	67.12	66.48	67.80	358.54	4,562.65	263.87	138.62	125.25	2.107	
10,600.00	7,285.76	10,510.70	7,185.82	68.72	68.08	67.88	357.67	4,662.63	265.49	137.17	128.32	2.069	
10,700.00	7,285.53	10,610.68	7,185.36	70.32	69.68	67.97	356.81	4,762.61	267.11	135.70	131.40	2.033	
10,800.00	7,285.31	10,710.67	7,184.89	71.92	71.29	68.05	355.94	4,862.59	268.73	134.23	134.49	1.998	
10,900.00	7,285.09	10,810.65	7,184.43	73.52	72.90	68.13	355.08	4,962.58	270.35	132.76	137.59	1.965	
11,000.00	7,284.86	10,910.64	7,183.96	75.13	74.51	68.22	354.21	5,062.56	271.97	131.27	140.70	1.933	
11,100.00	7,284.64	11,010.63	7,183.49	76.74	76.13	68.30	353.35	5,162.54	273.59	129.78	143.81	1.902	
11,200.00	7,284.42	11,110.61	7,183.03	78.35	77.75	68.38	352.48	5,262.52	275.21	128.28	146.93	1.873	
11,300.00	7,284.19	11,210.60	7,182.56	79.97	79.37	68.46	351.62	5,362.50	276.83	126.78	150.05	1.845	
11,400.00	7,283.97	11,310.59	7,182.10	81.59	80.99	68.53	350.75	5,462.48	278.45	125.27	153.18	1.818	
11,500.00	7,283.75	11,410.57	7,181.63	83.21	82.61	68.61	349.88	5,562.46	280.08	123.76	156.32	1.792	
11,600.00	7,283.52	11,510.56	7,181.17	84.83	84.24	68.69	349.02	5,662.44	281.70	122.24	159.46	1.767	
11,700.00	7,283.30	11,610.54	7,180.70	86.45	85.87	68.76	348.15	5,762.43	283.32	120.72	162.61	1.742	
11,800.00	7,283.08	11,710.53	7,180.23	88.08	87.50	68.84	347.29	5,862.41	284.95	119.19	165.76	1.719	
11,900.00	7,282.86	11,810.52	7,179.77	89.71	89.13	68.91	346.42	5,962.39	286.57	117.66	168.92	1.697	
12,000.00	7,282.63	11,910.50	7,179.30	91.33	90.76	68.98	345.56	6,062.37	288.20	116.12	172.08	1.675	
12,100.00	7,282.41	12,010.49	7,178.84	92.97	92.40	69.06	344.69	6,162.35	289.83	114.58	175.24	1.654	
12,200.00	7,282.19	12,110.47	7,178.37	94.60	94.03	69.13	343.83	6,262.33	291.45	113.04	178.41	1.634	
12,300.00	7,281.96	12,210.46	7,177.91	96.23	95.67	69.20	342.96	6,362.31	293.08	111.50	181.58	1.614	
12,400.00	7,281.74	12,310.45	7,177.44	97.86	97.31	69.27	342.10	6,462.29	294.71	109.95	184.76	1.595	
12,500.00	7,281.52	12,410.43	7,176.97	99.50	98.95	69.34	341.23	6,562.28	296.33	108.39	187.94	1.577	
12,600.00	7,281.29	12,510.42	7,176.51	101.14	100.59	69.41	340.37	6,662.26	297.96	106.84	191.12	1.559	
12,700.00	7,281.07	12,610.41	7,176.04	102.78	102.23	69.47	339.50	6,762.24	299.59	105.28	194.31	1.542	
12,800.00	7,280.85	12,710.39	7,175.58	104.41	103.87	69.54	338.64	6,862.22	301.22	103.72	197.50	1.525	
12,900.00	7,280.62	12,810.38	7,175.11	106.05	105.51	69.61	337.77	6,962.20	302.85	102.16	200.69	1.509	
13,000.00	7,280.40	12,910.36	7,174.64	107.70	107.16	69.67	336.90	7,062.18	304.48	100.59	203.89	1.493 Level 3	
13,100.00	7,280.18	13,010.35	7,174.18	109.34	108.80	69.74	336.04	7,162.16	306.11	99.02	207.09	1.478 Level 3	
13,200.00	7,279.95	13,110.34	7,173.71	110.98	110.45	69.80	335.17	7,262.14	307.74	97.45	210.29	1.463 Level 3	
13,300.00	7,279.73	13,210.32	7,173.25	112.62	112.10	69.86	334.31	7,362.13	309.37	95.88	213.49	1.449 Level 3	
13,400.00	7,279.51	13,310.31	7,172.78	114.27	113.75	69.93	333.44	7,462.11	311.00	94.30	216.70	1.435 Level 3	
13,500.00	7,279.28	13,410.29	7,172.32	115.91	115.39	69.99	332.58	7,562.09	312.63	92.73	219.91	1.422 Level 3	
13,600.00	7,279.06	13,510.28	7,171.85	117.56	117.04	70.05	331.71	7,662.07	314.26	91.15	223.12	1.409 Level 3	
13,700.00	7,278.84	13,610.27	7,171.38	119.21	118.69	70.11	330.85	7,762.05	315.90	89.57	226.33	1.396 Level 3	
13,800.00	7,278.61	13,710.25	7,170.92	120.85	120.34	70.17	329.98	7,862.03	317.53	87.98	229.55	1.383 Level 3	
13,900.00	7,278.39	13,810.24	7,170.45	122.50	122.00	70.23	329.12	7,962.01	319.16	86.40	232.76	1.371 Level 3	
14,000.00	7,278.17	13,910.22	7,169.99	124.15	123.65	70.29	328.25	8,062.00	320.80	84.81	235.98	1.359 Level 3	
14,100.00	7,277.94	14,010.21	7,169.52	125.80	125.30	70.35	327.39	8,161.98	322.43	83.22	239.21	1.348 Level 3	
14,200.00	7,277.72	14,110.20	7,169.06	127.45	126.95	70.40	326.52	8,261.96	324.06	81.63	242.43	1.337 Level 3	
14,300.00	7,277.50	14,210.18	7,168.59	129.10	128.61	70.46	325.65	8,361.94	325.70	80.04	245.65	1.326 Level 3	
14,400.00	7,277.27	14,310.17	7,168.12	130.75	130.26	70.52	324.79	8,461.92	327.33	78.45	248.88	1.315 Level 3	
14,500.00	7,277.05	14,410.16	7,167.66	132.40	131.91	70.57	323.92	8,561.90	328.97	76.86	252.11	1.305 Level 3	
14,600.00	7,276.83	14,510.14	7,167.19	134.06	133.57	70.63	323.06	8,661.88	330.60	75.26	255.34	1.295 Level 3	
14,700.00	7,276.60	14,610.13	7,166.73	135.71	135.22	70.68	322.19	8,761.86	332.24	73.66	258.57	1.285 Level 3	
14,800.00	7,276.38	14,710.11	7,166.26	137.36	136.88	70.74	321.33	8,861.85	333.87	72.07	261.81	1.275 Level 3	
14,900.00	7,276.16	14,810.10	7,165.80	139.02	138.54	70.79	320.46	8,961.83	335.51	70.47	265.04	1.266 Level 3	
15,000.00	7,275.94	14,910.09	7,165.33	140.67	140.19	70.84	319.60	9,061.81	337.15	68.87	268.28	1.257 Level 3	
15,100.00	7,275.71	15,010.07	7,164.86	142.32	141.85	70.90	318.73	9,161.79	338.78	67.26	271.52	1.248 Level 2	
15,200.00	7,275.49	15,110.06	7,164.40	143.98	143.51	70.95	317.87	9,261.77	340.42	65.66	274.76	1.239 Level 2	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 23N-3C-L - Wellbore #1 - Design #1												<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b> 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,300.00	7,275.27	15,210.04	7,163.93	145.63	145.17	71.00	317.00	9,361.75	342.06	64.06	278.00	1.230	Level 2
15,400.00	7,275.04	15,310.03	7,163.47	147.29	146.82	71.05	316.14	9,461.73	343.70	62.45	281.24	1.222	Level 2
15,500.00	7,274.82	15,410.02	7,163.00	148.95	148.48	71.10	315.27	9,561.71	345.33	60.85	284.49	1.214	Level 2
15,600.00	7,274.60	15,510.00	7,162.53	150.60	150.14	71.15	314.40	9,661.70	346.97	59.24	287.73	1.206	Level 2
15,700.00	7,274.37	15,609.99	7,162.07	152.26	151.80	71.20	313.54	9,761.68	348.61	57.63	290.98	1.198	Level 2
15,800.00	7,274.15	15,709.97	7,161.60	153.92	153.46	71.25	312.67	9,861.66	350.25	56.02	294.23	1.190	Level 2
15,900.00	7,273.93	15,809.96	7,161.14	155.57	155.12	71.30	311.81	9,961.64	351.89	54.41	297.48	1.183	Level 2
16,000.00	7,273.70	15,909.95	7,160.67	157.23	156.78	71.35	310.94	10,061.62	353.53	52.80	300.73	1.176	Level 2
16,100.00	7,273.48	16,009.93	7,160.21	158.89	158.44	71.40	310.08	10,161.60	355.17	51.19	303.98	1.168	Level 2
16,200.00	7,273.26	16,109.92	7,159.74	160.55	160.10	71.44	309.21	10,261.58	356.81	49.58	307.23	1.161	Level 2
16,300.00	7,273.03	16,209.91	7,159.27	162.20	161.76	71.49	308.35	10,361.57	358.45	47.96	310.48	1.154	Level 2
16,400.00	7,272.81	16,309.89	7,158.81	163.86	163.42	71.54	307.48	10,461.55	360.09	46.35	313.74	1.148	Level 2
16,500.00	7,272.59	16,409.88	7,158.34	165.52	165.08	71.58	306.62	10,561.53	361.73	44.73	316.99	1.141	Level 2
16,600.00	7,272.36	16,509.86	7,157.88	167.18	166.75	71.63	305.75	10,661.51	363.37	43.12	320.25	1.135	Level 2
16,700.00	7,272.14	16,609.85	7,157.41	168.84	168.41	71.68	304.89	10,761.49	365.01	41.50	323.51	1.128	Level 2
16,800.00	7,271.92	16,709.84	7,156.95	170.50	170.07	71.72	304.02	10,861.47	366.65	39.88	326.77	1.122	Level 2
16,900.00	7,271.69	16,809.82	7,156.48	172.16	171.73	71.77	303.15	10,961.45	368.29	38.27	330.03	1.116	Level 2
17,000.00	7,271.47	16,909.81	7,156.01	173.82	173.39	71.81	302.29	11,061.43	369.93	36.65	333.29	1.110	Level 2
17,100.00	7,271.25	17,009.79	7,155.55	175.48	175.06	71.85	301.42	11,161.42	371.57	35.03	336.55	1.104	Level 2
17,200.00	7,271.02	17,109.78	7,155.08	177.14	176.72	71.90	300.56	11,261.40	373.22	33.41	339.81	1.098	Level 2
17,300.00	7,270.80	17,209.77	7,154.62	178.80	178.38	71.94	299.69	11,361.38	374.86	31.79	343.07	1.093	Level 2
17,400.00	7,270.58	17,309.75	7,154.15	180.46	180.05	71.98	298.83	11,461.36	376.50	30.17	346.34	1.087	Level 2
17,500.00	7,270.35	17,409.74	7,153.69	182.12	181.71	72.02	297.96	11,561.34	378.14	28.54	349.60	1.082	Level 2
17,600.00	7,270.13	17,509.73	7,153.22	183.79	183.37	72.07	297.10	11,661.32	379.79	26.92	352.87	1.076	Level 2
17,700.00	7,269.91	17,609.71	7,152.75	185.45	185.04	72.11	296.23	11,761.30	381.43	25.30	356.13	1.071	Level 2
17,800.00	7,269.68	17,709.70	7,152.29	187.11	186.70	72.15	295.37	11,861.28	383.07	23.68	359.40	1.066	Level 2
17,900.00	7,269.46	17,809.68	7,151.82	188.77	188.37	72.19	294.50	11,961.27	384.72	22.05	362.67	1.061	Level 2
18,000.00	7,269.24	17,909.67	7,151.36	190.43	190.03	72.23	293.64	12,061.25	386.36	20.43	365.93	1.056	Level 2
18,100.00	7,269.02	18,009.66	7,150.89	192.10	191.70	72.27	292.77	12,161.23	388.00	18.80	369.20	1.051	Level 2, ES, SF
18,200.00	7,268.79	18,087.02	7,150.53	193.76	192.98	72.30	292.10	12,238.59	390.30	19.66	370.64	1.053	Level 2
18,206.76	7,268.78	18,087.02	7,150.53	193.87	192.98	72.30	292.10	12,238.59	390.87	20.78	370.09	1.056	Level 2

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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)	+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	-89.65	0.36	-60.14	60.14				
100.00	100.00	101.00	101.00	3.28	3.28	-89.65	0.36	-60.14	60.14	52.61	7.53	7.987	
200.00	200.00	201.00	201.00	3.31	3.31	-89.65	0.36	-60.14	60.14	52.56	7.57	7.940	
300.00	300.00	301.02	301.02	3.35	3.35	-89.65	0.36	-60.14	60.14	52.47	7.66	7.846	
304.92	304.92	306.01	306.01	3.35	3.35	-156.40	0.37	-60.13	60.14	52.47	7.67	7.841	CC, ES
400.00	399.98	402.61	402.59	3.41	3.42	-155.92	1.57	-58.75	60.38	52.59	7.79	7.748	
500.00	499.84	504.18	504.01	3.50	3.51	-154.54	5.15	-54.66	61.20	53.24	7.96	7.691	
600.00	599.45	605.72	605.14	3.61	3.62	-152.35	11.08	-47.86	62.64	54.48	8.16	7.677	
700.00	698.70	707.19	705.82	3.75	3.76	-149.46	19.36	-38.37	64.81	56.41	8.41	7.709	
800.00	797.47	808.57	805.91	3.91	3.93	-146.03	29.96	-26.21	67.83	59.12	8.71	7.789	
900.00	895.62	909.86	905.27	4.12	4.14	-142.27	42.88	-11.40	71.80	62.72	9.07	7.912	
1,000.00	993.32	1,011.02	1,003.75	4.36	4.39	-137.80	58.07	6.01	75.94	66.42	9.52	7.973	
1,100.00	1,091.01	1,111.88	1,101.05	4.63	4.69	-131.56	75.49	25.98	79.02	68.94	10.08	7.840	
1,200.00	1,188.69	1,211.60	1,196.55	4.93	5.04	-124.20	94.35	47.61	82.15	71.41	10.74	7.646	
1,300.00	1,286.38	1,311.00	1,291.71	5.24	5.41	-117.40	113.25	69.27	86.51	75.04	11.47	7.541	
1,400.00	1,384.06	1,410.40	1,386.86	5.57	5.81	-111.32	132.15	90.93	91.97	79.73	12.24	7.513	
1,500.00	1,481.75	1,509.80	1,482.01	5.92	6.23	-105.98	151.04	112.59	98.35	85.32	13.03	7.546	
1,600.00	1,579.44	1,609.20	1,577.16	6.27	6.66	-101.31	169.94	134.25	105.48	91.64	13.84	7.623	
1,700.00	1,677.12	1,708.60	1,672.31	6.63	7.11	-97.25	188.84	155.92	113.22	98.57	14.65	7.729	
1,800.00	1,774.81	1,808.00	1,767.47	7.01	7.55	-93.73	207.74	177.58	121.46	106.01	15.45	7.863	
1,900.00	1,872.49	1,907.40	1,862.62	7.21	7.79	-90.66	226.63	199.24	130.09	114.60	15.49	8.397	
2,000.00	1,970.18	2,006.79	1,957.77	7.26	7.87	-87.98	245.53	220.90	139.05	123.47	15.58	8.923	
2,100.00	2,067.87	2,106.19	2,052.92	7.33	7.96	-85.63	264.43	242.57	148.28	132.57	15.71	9.439	
2,200.00	2,165.55	2,205.59	2,148.07	7.42	8.08	-83.55	283.32	264.23	157.73	141.86	15.87	9.940	
2,300.00	2,263.24	2,304.99	2,243.23	7.52	8.21	-81.71	302.22	285.89	167.36	151.29	16.06	10.418	
2,400.00	2,360.92	2,404.39	2,338.38	7.64	8.37	-80.07	321.12	307.55	177.14	160.85	16.29	10.872	
2,500.00	2,458.61	2,503.79	2,433.53	7.77	8.54	-78.60	340.01	329.21	187.05	170.49	16.56	11.298	
2,600.00	2,556.30	2,603.19	2,528.68	7.92	8.74	-77.29	358.91	350.88	197.07	180.22	16.85	11.696	
2,700.00	2,653.98	2,702.59	2,623.83	8.08	8.94	-76.10	377.81	372.54	207.18	190.01	17.17	12.064	
2,800.00	2,751.67	2,801.99	2,718.99	8.26	9.17	-75.02	396.71	394.20	217.37	199.85	17.53	12.402	
2,900.00	2,849.35	2,901.39	2,814.14	8.45	9.41	-74.03	415.60	415.86	227.64	209.73	17.91	12.712	
3,000.00	2,947.04	3,000.79	2,909.29	8.65	9.66	-73.14	434.50	437.52	237.96	219.65	18.31	12.994	
3,100.00	3,044.72	3,100.19	3,004.44	8.86	9.92	-72.31	453.40	459.19	248.34	229.60	18.74	13.251	
3,200.00	3,142.41	3,200.41	3,099.59	9.08	10.19	-71.56	472.29	480.85	258.76	239.57	19.19	13.481	
3,300.00	3,240.10	3,301.01	3,194.75	9.31	10.48	-70.86	491.19	502.51	269.23	249.56	19.67	13.688	
3,400.00	3,337.78	3,401.61	3,289.90	9.55	10.78	-70.21	510.09	524.17	279.73	259.57	20.16	13.874	
3,500.00	3,435.47	3,502.21	3,385.05	9.80	11.08	-69.61	528.98	545.84	290.26	269.59	20.67	14.041	
3,600.00	3,533.15	3,602.81	3,480.20	10.05	11.40	-69.06	547.88	567.50	300.82	279.63	21.20	14.191	
3,700.00	3,630.84	3,703.41	3,575.35	10.31	11.72	-68.54	566.78	589.16	311.41	289.67	21.74	14.325	
3,800.00	3,728.53	3,804.02	3,670.51	10.58	12.05	-68.05	585.68	610.82	322.03	299.73	22.30	14.444	
3,900.00	3,826.21	3,904.62	3,765.66	10.85	12.38	-67.60	604.57	632.48	332.66	309.80	22.86	14.550	
4,000.00	3,923.90	3,994.78	3,860.81	11.13	12.69	-67.17	623.47	654.15	343.32	319.91	23.41	14.666	
4,100.00	4,021.58	4,094.18	3,955.96	11.42	13.03	-66.77	642.37	675.81	353.99	329.99	23.99	14.753	
4,200.00	4,119.27	4,193.58	4,051.12	11.70	13.37	-66.39	661.26	697.47	364.67	340.08	24.59	14.830	
4,300.00	4,216.96	4,307.02	4,146.27	12.00	13.77	-66.04	680.16	719.13	375.38	350.13	25.24	14.870	
4,400.00	4,314.64	4,392.38	4,241.42	12.29	14.08	-65.70	699.06	740.79	386.09	360.28	25.81	14.959	
4,500.00	4,412.33	4,508.22	4,336.57	12.59	14.50	-65.38	717.95	762.46	396.82	370.33	26.49	14.981	
4,600.00	4,510.01	4,608.82	4,431.72	12.90	14.86	-65.08	736.85	784.12	407.56	380.44	27.12	15.027	
4,700.00	4,607.70	4,709.42	4,526.88	13.21	15.23	-64.80	755.75	805.78	418.31	390.55	27.76	15.068	
4,800.00	4,705.39	4,789.98	4,622.03	13.52	15.53	-64.53	774.65	827.44	429.07	400.73	28.34	15.141	
4,900.00	4,803.07	4,889.38	4,717.18	13.83	15.90	-64.27	793.54	849.11	439.84	410.85	28.99	15.174	
5,000.00	4,900.76	4,988.78	4,812.33	14.14	16.28	-64.02	812.44	870.77	450.62	420.98	29.64	15.203	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	4,998.44	5,088.18	4,907.48	14.46	16.66	-63.79	831.34	892.43	461.40	431.10	30.30	15.229	
5,200.00	5,096.13	5,187.58	5,002.64	14.78	17.03	-63.57	850.23	914.09	472.19	441.23	30.96	15.251	
5,300.00	5,193.82	5,286.98	5,097.79	15.11	17.42	-63.35	869.13	935.75	482.99	451.37	31.63	15.271	
5,400.00	5,291.50	5,386.38	5,192.94	15.43	17.80	-63.15	888.03	957.42	493.80	461.50	32.30	15.287	
5,500.00	5,389.19	5,485.78	5,288.09	15.76	18.18	-62.95	906.92	979.08	504.61	471.63	32.98	15.302	
5,600.00	5,486.87	5,585.17	5,383.24	16.09	18.57	-62.77	925.82	1,000.74	515.43	481.77	33.66	15.314	
5,700.00	5,584.56	5,684.57	5,478.40	16.42	18.96	-62.59	944.72	1,022.40	526.25	491.91	34.34	15.325	
5,800.00	5,682.25	5,783.97	5,573.55	16.75	19.35	-62.41	963.62	1,044.06	537.08	502.05	35.03	15.334	
5,900.00	5,779.93	5,883.37	5,668.70	17.08	19.74	-62.25	982.51	1,065.73	547.91	512.19	35.72	15.341	
6,000.00	5,877.62	5,982.77	5,763.85	17.42	20.13	-62.09	1,001.41	1,087.39	558.75	522.34	36.41	15.347	
6,100.00	5,975.30	6,082.17	5,859.00	17.75	20.53	-61.94	1,020.31	1,109.05	569.59	532.48	37.10	15.352	
6,200.00	6,072.99	6,181.57	5,954.16	18.09	20.92	-61.79	1,039.20	1,130.71	580.43	542.63	37.80	15.355	
6,300.00	6,170.67	6,280.97	6,049.31	18.43	21.32	-61.65	1,058.10	1,152.37	591.28	552.78	38.50	15.358	
6,400.00	6,268.36	6,380.37	6,144.46	18.77	21.72	-61.51	1,077.00	1,174.04	602.13	562.93	39.20	15.360	
6,500.00	6,366.05	6,479.77	6,239.61	19.11	22.12	-61.38	1,095.89	1,195.70	612.98	573.08	39.91	15.361	
6,600.00	6,463.73	6,579.17	6,334.76	19.45	22.52	-61.25	1,114.79	1,217.36	623.84	583.23	40.61	15.361	
6,700.00	6,561.42	6,678.57	6,429.92	19.79	22.92	-61.13	1,133.69	1,239.02	634.70	593.38	41.32	15.360	
6,800.00	6,659.10	6,777.97	6,525.07	20.13	23.32	-61.01	1,152.59	1,260.69	645.56	603.53	42.03	15.359	
6,900.00	6,756.79	6,877.37	6,620.22	20.48	23.72	-60.90	1,171.48	1,282.35	656.43	613.69	42.74	15.358	
7,000.00	6,853.49	6,976.71	6,715.31	20.85	24.13	-60.88	1,190.37	1,304.00	666.86	623.34	43.52	15.323	
7,100.00	6,945.46	7,072.45	6,806.61	21.34	24.53	-73.66	1,208.51	1,326.33	675.95	631.44	44.51	15.186	
7,200.00	7,030.35	7,166.93	6,893.16	21.94	24.99	-76.79	1,225.75	1,359.81	684.52	638.80	45.72	14.971	
7,300.00	7,106.06	7,264.18	6,976.15	22.66	25.58	-79.01	1,242.34	1,407.52	692.55	645.37	47.18	14.679	
7,400.00	7,170.73	7,364.54	7,053.29	23.49	26.28	-80.82	1,257.84	1,469.66	699.85	650.98	48.87	14.319	
7,500.00	7,222.77	7,468.31	7,121.95	24.43	27.12	-82.40	1,271.71	1,546.07	706.24	655.45	50.79	13.906	
7,600.00	7,260.89	7,575.70	7,179.21	25.45	28.09	-83.83	1,283.38	1,636.01	711.47	658.60	52.87	13.456	
7,700.00	7,284.16	7,686.80	7,221.97	26.55	29.19	-85.15	1,292.24	1,738.01	715.34	660.26	55.08	12.987	
7,800.00	7,292.01	7,801.50	7,247.20	27.69	30.40	-86.34	1,297.67	1,849.62	717.60	660.26	57.34	12.514	
7,900.00	7,291.78	7,914.49	7,253.04	28.86	31.63	-86.83	1,299.26	1,962.33	717.89	658.24	59.65	12.036	
8,000.00	7,291.56	8,014.49	7,253.21	30.07	32.76	-86.86	1,299.69	2,062.33	717.51	655.47	62.03	11.567	
8,100.00	7,291.34	8,114.49	7,253.37	31.33	33.93	-86.89	1,300.11	2,162.33	717.13	652.62	64.50	11.117	
8,200.00	7,291.11	8,214.49	7,253.54	32.62	35.14	-86.92	1,300.54	2,262.33	716.75	649.70	67.05	10.689	
8,300.00	7,290.89	8,314.49	7,253.70	33.95	36.38	-86.94	1,300.96	2,362.32	716.37	646.70	69.67	10.282	
8,400.00	7,290.67	8,414.48	7,253.87	35.30	37.66	-86.97	1,301.39	2,462.32	715.99	643.65	72.35	9.897	
8,500.00	7,290.44	8,514.48	7,254.03	36.69	38.97	-87.00	1,301.81	2,562.32	715.62	640.54	75.07	9.532	
8,600.00	7,290.22	8,614.48	7,254.20	38.09	40.30	-87.03	1,302.24	2,662.32	715.24	637.39	77.85	9.187	
8,700.00	7,290.00	8,714.48	7,254.36	39.51	41.66	-87.06	1,302.66	2,762.31	714.86	634.19	80.67	8.861	
8,800.00	7,289.78	8,814.48	7,254.53	40.96	43.04	-87.09	1,303.09	2,862.31	714.48	630.95	83.53	8.553	
8,900.00	7,289.55	8,914.48	7,254.69	42.42	44.44	-87.12	1,303.51	2,962.31	714.11	627.68	86.43	8.263	
9,000.00	7,289.33	9,014.48	7,254.86	43.89	45.85	-87.15	1,303.94	3,062.31	713.73	624.38	89.35	7.988	
9,100.00	7,289.11	9,114.48	7,255.02	45.38	47.29	-87.18	1,304.36	3,162.30	713.35	621.05	92.31	7.728	
9,200.00	7,288.88	9,214.47	7,255.19	46.88	48.73	-87.21	1,304.79	3,262.30	712.98	617.69	95.29	7.483	
9,300.00	7,288.66	9,314.47	7,255.35	48.39	50.20	-87.24	1,305.21	3,362.30	712.60	614.31	98.29	7.250	
9,400.00	7,288.44	9,414.47	7,255.52	49.91	51.67	-87.27	1,305.64	3,462.30	712.23	610.91	101.31	7.030	
9,500.00	7,288.21	9,514.47	7,255.69	51.44	53.16	-87.30	1,306.07	3,562.29	711.85	607.49	104.36	6.821	
9,600.00	7,287.99	9,614.47	7,255.85	52.98	54.65	-87.33	1,306.49	3,662.29	711.48	604.06	107.42	6.623	
9,700.00	7,287.77	9,714.47	7,256.02	54.53	56.16	-87.36	1,306.92	3,762.29	711.10	600.60	110.50	6.436	
9,800.00	7,287.54	9,814.47	7,256.18	56.09	57.68	-87.39	1,307.34	3,862.29	710.72	597.14	113.59	6.257	
9,900.00	7,287.32	9,914.46	7,256.35	57.65	59.20	-87.42	1,307.77	3,962.28	710.35	593.65	116.69	6.087	
10,000.00	7,287.10	10,014.46	7,256.51	59.21	60.73	-87.45	1,308.19	4,062.28	709.97	590.16	119.81	5.926	
10,100.00	7,286.87	10,114.46	7,256.68	60.79	62.27	-87.48	1,308.62	4,162.28	709.60	586.65	122.95	5.772	
10,200.00	7,286.65	10,214.46	7,256.84	62.36	63.82	-87.51	1,309.04	4,262.28	709.23	583.14	126.09	5.625	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,286.43	10,314.46	7,257.01	63.95	65.37	-87.54	1,309.47	4,362.28	708.85	579.61	129.24	5.485	
10,400.00	7,286.20	10,414.46	7,257.17	65.53	66.92	-87.57	1,309.89	4,462.27	708.48	576.08	132.40	5.351	
10,500.00	7,285.98	10,514.46	7,257.34	67.12	68.49	-87.60	1,310.32	4,562.27	708.10	572.53	135.57	5.223	
10,600.00	7,285.76	10,614.45	7,257.50	68.72	70.05	-87.63	1,310.74	4,662.27	707.73	568.98	138.75	5.101	
10,700.00	7,285.53	10,714.45	7,257.67	70.32	71.63	-87.66	1,311.17	4,762.27	707.36	565.42	141.93	4.984	
10,800.00	7,285.31	10,814.45	7,257.83	71.92	73.20	-87.69	1,311.59	4,862.26	706.98	561.86	145.13	4.871	
10,900.00	7,285.09	10,914.45	7,258.00	73.52	74.78	-87.72	1,312.02	4,962.26	706.61	558.28	148.33	4.764	
11,000.00	7,284.86	11,014.45	7,258.16	75.13	76.37	-87.75	1,312.44	5,062.26	706.24	554.71	151.53	4.661	
11,100.00	7,284.64	11,114.45	7,258.33	76.74	77.96	-87.78	1,312.87	5,162.26	705.87	551.12	154.74	4.561	
11,200.00	7,284.42	11,214.45	7,258.49	78.35	79.55	-87.81	1,313.29	5,262.25	705.49	547.53	157.96	4.466	
11,300.00	7,284.19	11,314.44	7,258.66	79.97	81.14	-87.84	1,313.72	5,362.25	705.12	543.94	161.18	4.375	
11,400.00	7,283.97	11,414.44	7,258.82	81.59	82.74	-87.87	1,314.14	5,462.25	704.75	540.34	164.41	4.287	
11,500.00	7,283.75	11,514.44	7,258.99	83.21	84.34	-87.90	1,314.57	5,562.25	704.38	536.74	167.64	4.202	
11,600.00	7,283.52	11,614.44	7,259.15	84.83	85.95	-87.93	1,314.99	5,662.24	704.01	533.13	170.88	4.120	
11,700.00	7,283.30	11,714.44	7,259.32	86.45	87.55	-87.97	1,315.42	5,762.24	703.63	529.52	174.12	4.041	
11,800.00	7,283.08	11,814.44	7,259.48	88.08	89.16	-88.00	1,315.84	5,862.24	703.26	525.90	177.36	3.965	
11,900.00	7,282.86	11,914.44	7,259.65	89.71	90.77	-88.03	1,316.27	5,962.24	702.89	522.28	180.61	3.892	
12,000.00	7,282.63	12,014.43	7,259.81	91.33	92.39	-88.06	1,316.69	6,062.23	702.52	518.66	183.86	3.821	
12,100.00	7,282.41	12,114.43	7,259.98	92.97	94.00	-88.09	1,317.12	6,162.23	702.15	515.04	187.11	3.753	
12,200.00	7,282.19	12,214.43	7,260.14	94.60	95.62	-88.12	1,317.54	6,262.23	701.78	511.41	190.37	3.686	
12,300.00	7,281.96	12,314.43	7,260.31	96.23	97.24	-88.15	1,317.97	6,362.23	701.41	507.78	193.63	3.622	
12,400.00	7,281.74	12,414.43	7,260.47	97.86	98.86	-88.18	1,318.39	6,462.22	701.04	504.15	196.89	3.561	
12,500.00	7,281.52	12,514.43	7,260.64	99.50	100.48	-88.21	1,318.82	6,562.22	700.67	500.51	200.16	3.501	
12,600.00	7,281.29	12,614.43	7,260.80	101.14	102.10	-88.24	1,319.24	6,662.22	700.30	496.88	203.42	3.443	
12,700.00	7,281.07	12,714.42	7,260.97	102.78	103.73	-88.27	1,319.67	6,762.22	699.93	493.24	206.69	3.386	
12,800.00	7,280.85	12,814.42	7,261.13	104.41	105.36	-88.30	1,320.09	6,862.21	699.56	489.60	209.97	3.332	
12,900.00	7,280.62	12,914.42	7,261.30	106.05	106.99	-88.33	1,320.52	6,962.21	699.19	485.95	213.24	3.279	
13,000.00	7,280.40	13,014.42	7,261.46	107.70	108.62	-88.37	1,320.94	7,062.21	698.82	482.31	216.52	3.228	
13,100.00	7,280.18	13,114.42	7,261.63	109.34	110.25	-88.40	1,321.37	7,162.21	698.46	478.66	219.80	3.178	
13,200.00	7,279.95	13,214.42	7,261.79	110.98	111.88	-88.43	1,321.79	7,262.20	698.09	475.01	223.08	3.129	
13,300.00	7,279.73	13,314.42	7,261.96	112.62	113.51	-88.46	1,322.22	7,362.20	697.72	471.36	226.36	3.082	
13,400.00	7,279.51	13,414.42	7,262.12	114.27	115.15	-88.49	1,322.64	7,462.20	697.35	467.71	229.64	3.037	
13,500.00	7,279.28	13,514.41	7,262.29	115.91	116.78	-88.52	1,323.07	7,562.20	696.98	464.06	232.93	2.992	
13,600.00	7,279.06	13,614.41	7,262.45	117.56	118.42	-88.55	1,323.49	7,662.19	696.62	460.40	236.21	2.949	
13,700.00	7,278.84	13,714.41	7,262.62	119.21	120.06	-88.58	1,323.92	7,762.19	696.25	456.74	239.50	2.907	
13,800.00	7,278.61	13,814.41	7,262.78	120.85	121.69	-88.61	1,324.34	7,862.19	695.88	453.09	242.79	2.866	
13,900.00	7,278.39	13,914.41	7,262.95	122.50	123.33	-88.65	1,324.77	7,962.19	695.51	449.43	246.08	2.826	
14,000.00	7,278.17	14,014.41	7,263.11	124.15	124.97	-88.68	1,325.19	8,062.19	695.15	445.77	249.38	2.788	
14,100.00	7,277.94	14,114.41	7,263.28	125.80	126.61	-88.71	1,325.62	8,162.18	694.78	442.11	252.67	2.750	
14,200.00	7,277.72	14,214.40	7,263.44	127.45	128.26	-88.74	1,326.05	8,262.18	694.41	438.45	255.97	2.713	
14,300.00	7,277.50	14,314.40	7,263.61	129.10	129.90	-88.77	1,326.47	8,362.18	694.05	434.78	259.26	2.677	
14,400.00	7,277.27	14,414.40	7,263.77	130.75	131.54	-88.80	1,326.90	8,462.18	693.68	431.12	262.56	2.642	
14,500.00	7,277.05	14,514.40	7,263.94	132.40	133.19	-88.83	1,327.32	8,562.17	693.32	427.46	265.86	2.608	
14,600.00	7,276.83	14,614.40	7,264.10	134.06	134.83	-88.87	1,327.75	8,662.17	692.95	423.79	269.16	2.575	
14,700.00	7,276.60	14,714.40	7,264.27	135.71	136.48	-88.90	1,328.17	8,762.17	692.59	420.13	272.46	2.542	
14,800.00	7,276.38	14,814.40	7,264.43	137.36	138.12	-88.93	1,328.60	8,862.17	692.22	416.46	275.76	2.510	
14,900.00	7,276.16	14,914.39	7,264.60	139.02	139.77	-88.96	1,329.02	8,962.16	691.86	412.79	279.06	2.479	
15,000.00	7,275.94	15,014.39	7,264.76	140.67	141.42	-88.99	1,329.45	9,062.16	691.49	409.12	282.37	2.449	
15,100.00	7,275.71	15,114.39	7,264.93	142.32	143.07	-89.02	1,329.87	9,162.16	691.13	405.46	285.67	2.419	
15,200.00	7,275.49	15,214.39	7,265.09	143.98	144.71	-89.06	1,330.30	9,262.16	690.76	401.79	288.98	2.390	
15,300.00	7,275.27	15,314.39	7,265.26	145.63	146.36	-89.09	1,330.72	9,362.15	690.40	398.12	292.28	2.362	
15,400.00	7,275.04	15,414.39	7,265.42	147.29	148.01	-89.12	1,331.15	9,462.15	690.03	394.45	295.59	2.334	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25C-3-L - 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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,274.82	15,514.39	7,265.59	148.95	149.66	-89.15	1,331.57	9,562.15	689.67	390.78	298.90	2.307	
15,600.00	7,274.60	15,614.38	7,265.75	150.60	151.31	-89.18	1,332.00	9,662.15	689.31	387.10	302.20	2.281	
15,700.00	7,274.37	15,714.38	7,265.92	152.26	152.96	-89.21	1,332.42	9,762.14	688.94	383.43	305.51	2.255	
15,800.00	7,274.15	15,814.38	7,266.08	153.92	154.62	-89.25	1,332.85	9,862.14	688.58	379.76	308.82	2.230	
15,900.00	7,273.93	15,914.38	7,266.25	155.57	156.27	-89.28	1,333.27	9,962.14	688.22	376.09	312.13	2.205	
16,000.00	7,273.70	16,014.38	7,266.41	157.23	157.92	-89.31	1,333.70	10,062.14	687.86	372.42	315.44	2.181	
16,100.00	7,273.48	16,114.38	7,266.58	158.89	159.57	-89.34	1,334.12	10,162.13	687.49	368.74	318.75	2.157	
16,200.00	7,273.26	16,214.38	7,266.74	160.55	161.23	-89.37	1,334.55	10,262.13	687.13	365.07	322.06	2.134	
16,300.00	7,273.03	16,314.37	7,266.91	162.20	162.88	-89.41	1,334.97	10,362.13	686.77	361.40	325.37	2.111	
16,400.00	7,272.81	16,414.37	7,267.07	163.86	164.53	-89.44	1,335.40	10,462.13	686.41	357.72	328.69	2.088	
16,500.00	7,272.59	16,514.37	7,267.24	165.52	166.19	-89.47	1,335.82	10,562.12	686.05	354.05	332.00	2.066	
16,600.00	7,272.36	16,614.37	7,267.40	167.18	167.84	-89.50	1,336.25	10,662.12	685.69	350.37	335.31	2.045	
16,700.00	7,272.14	16,714.37	7,267.57	168.84	169.50	-89.53	1,336.67	10,762.12	685.32	346.70	338.63	2.024	
16,800.00	7,271.92	16,814.37	7,267.74	170.50	171.15	-89.57	1,337.10	10,862.12	684.96	343.02	341.94	2.003	
16,900.00	7,271.69	16,914.37	7,267.90	172.16	172.81	-89.60	1,337.52	10,962.11	684.60	339.35	345.26	1.983	
17,000.00	7,271.47	17,014.37	7,268.07	173.82	174.46	-89.63	1,337.95	11,062.11	684.24	335.67	348.57	1.963	
17,100.00	7,271.25	17,114.36	7,268.23	175.48	176.12	-89.66	1,338.37	11,162.11	683.88	332.00	351.89	1.943	
17,200.00	7,271.02	17,214.36	7,268.40	177.14	177.78	-89.70	1,338.80	11,262.11	683.52	328.32	355.20	1.924	
17,300.00	7,270.80	17,314.36	7,268.56	178.80	179.43	-89.73	1,339.22	11,362.11	683.16	324.64	358.52	1.906	
17,400.00	7,270.58	17,414.36	7,268.73	180.46	181.09	-89.76	1,339.65	11,462.10	682.80	320.97	361.84	1.887	
17,500.00	7,270.35	17,514.36	7,268.89	182.12	182.75	-89.79	1,340.07	11,562.10	682.44	317.29	365.15	1.869	
17,600.00	7,270.13	17,614.36	7,269.06	183.79	184.41	-89.83	1,340.50	11,662.10	682.09	313.62	368.47	1.851	
17,700.00	7,269.91	17,714.36	7,269.22	185.45	186.06	-89.86	1,340.92	11,762.10	681.73	309.94	371.79	1.834	
17,800.00	7,269.68	17,814.35	7,269.39	187.11	187.72	-89.89	1,341.35	11,862.09	681.37	306.26	375.10	1.816	
17,900.00	7,269.46	17,914.35	7,269.55	188.77	189.38	-89.92	1,341.77	11,962.09	681.01	302.59	378.42	1.800	
18,000.00	7,269.24	18,014.35	7,269.72	190.43	191.04	-89.96	1,342.20	12,062.09	680.65	298.91	381.74	1.783	
18,100.00	7,269.02	18,114.35	7,269.88	192.10	192.70	-89.99	1,342.62	12,162.09	680.29	295.24	385.06	1.767	
18,200.00	7,268.79	18,214.35	7,270.05	193.76	194.36	-90.02	1,343.05	12,262.08	679.94	291.56	388.38	1.751	
18,206.76	7,268.78	18,221.11	7,270.06	193.87	194.47	-90.02	1,343.08	12,268.84	679.91	291.31	388.60	1.750 SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	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	201.02	201.02	3.31	3.31	-89.48	0.73	-79.90	79.91	72.33	7.57	10.550	
300.00	300.00	303.09	303.07	3.35	3.35	-88.57	1.96	-78.51	78.56	70.90	7.66	10.252	
400.00	399.98	405.01	404.83	3.41	3.42	-153.10	5.58	-74.41	76.27	68.48	7.79	9.790	
500.00	499.84	506.76	506.17	3.50	3.52	-150.03	11.59	-67.61	74.73	66.78	7.96	9.394	
600.00	599.45	608.33	606.95	3.61	3.64	-146.16	19.96	-58.13	74.13	65.96	8.17	9.075	
607.34	606.75	615.78	614.32	3.62	3.65	-145.84	20.67	-57.33	74.12	65.94	8.19	9.054	CC, ES
700.00	698.70	709.70	707.01	3.75	3.80	-141.62	30.66	-46.01	74.63	66.19	8.44	8.844	
800.00	797.47	810.85	806.23	3.91	3.99	-136.62	43.68	-31.27	76.42	67.65	8.78	8.705	
900.00	895.62	911.77	904.47	4.12	4.24	-131.42	58.96	-13.97	79.66	70.45	9.21	8.652	
1,000.00	993.32	1,012.37	1,001.53	4.36	4.53	-125.69	76.47	5.85	83.72	73.98	9.74	8.598	
1,100.00	1,091.01	1,112.28	1,096.98	4.63	4.88	-118.46	96.00	27.97	87.87	77.49	10.38	8.467	
1,200.00	1,188.69	1,211.51	1,191.50	4.93	5.27	-111.44	116.00	50.62	93.21	82.12	11.09	8.405	
1,300.00	1,286.38	1,310.75	1,286.02	5.24	5.68	-105.24	136.01	73.27	99.80	87.96	11.84	8.429	
1,400.00	1,384.06	1,409.98	1,380.54	5.57	6.12	-99.87	156.01	95.92	107.41	94.80	12.61	8.518	
1,500.00	1,481.75	1,509.22	1,475.06	5.92	6.57	-95.23	176.02	118.57	115.85	102.45	13.39	8.649	
1,600.00	1,579.44	1,608.45	1,569.58	6.27	7.04	-91.24	196.02	141.23	124.93	110.75	14.18	8.809	
1,700.00	1,677.12	1,707.68	1,664.10	6.63	7.51	-87.80	216.03	163.88	134.54	119.57	14.98	8.984	
1,800.00	1,774.81	1,806.92	1,758.62	7.01	7.98	-84.83	236.03	186.53	144.57	128.82	15.76	9.175	
1,900.00	1,872.49	1,906.15	1,853.14	7.21	8.25	-82.25	256.04	209.18	154.94	139.16	15.78	9.818	
2,000.00	1,970.18	2,005.38	1,947.66	7.26	8.33	-79.99	276.04	231.83	165.58	149.73	15.84	10.450	
2,100.00	2,067.87	2,104.62	2,042.18	7.33	8.43	-78.01	296.04	254.48	176.44	160.49	15.95	11.064	
2,200.00	2,165.55	2,203.85	2,136.70	7.42	8.55	-76.25	316.05	277.13	187.49	171.40	16.09	11.653	
2,300.00	2,263.24	2,303.08	2,231.22	7.52	8.69	-74.70	336.05	299.78	198.69	182.42	16.27	12.214	
2,400.00	2,360.92	2,402.32	2,325.74	7.64	8.85	-73.31	356.06	322.43	210.02	193.54	16.48	12.741	
2,500.00	2,458.61	2,501.55	2,420.26	7.77	9.03	-72.06	376.06	345.08	221.46	204.73	16.73	13.234	
2,600.00	2,556.30	2,600.79	2,514.78	7.92	9.23	-70.94	396.07	367.73	233.00	215.98	17.02	13.690	
2,700.00	2,653.98	2,700.02	2,609.30	8.08	9.45	-69.92	416.07	390.38	244.61	227.28	17.34	14.110	
2,800.00	2,751.67	2,800.75	2,703.82	8.26	9.68	-68.99	436.08	413.04	256.30	238.61	17.69	14.492	
2,900.00	2,849.35	2,901.51	2,798.34	8.45	9.93	-68.15	456.08	435.69	268.04	249.98	18.06	14.839	
3,000.00	2,947.04	3,002.28	2,892.86	8.65	10.19	-67.38	476.08	458.34	279.84	261.37	18.47	15.153	
3,100.00	3,044.72	3,103.05	2,987.38	8.86	10.46	-66.67	496.09	480.99	291.68	272.79	18.90	15.436	
3,200.00	3,142.41	3,203.81	3,081.90	9.08	10.75	-66.01	516.09	503.64	303.57	284.22	19.35	15.690	
3,300.00	3,240.10	3,304.58	3,176.42	9.31	11.05	-65.40	536.10	526.29	315.49	295.67	19.82	15.917	
3,400.00	3,337.78	3,394.65	3,270.94	9.55	11.32	-64.84	556.10	548.94	327.44	307.16	20.28	16.144	
3,500.00	3,435.47	3,506.11	3,365.46	9.80	11.67	-64.32	576.11	571.59	339.42	318.60	20.82	16.300	
3,600.00	3,533.15	3,606.88	3,459.98	10.05	11.99	-63.83	596.11	594.24	351.43	330.08	21.35	16.460	
3,700.00	3,630.84	3,692.36	3,554.50	10.31	12.27	-63.38	616.11	616.89	363.46	341.62	21.84	16.638	
3,800.00	3,728.53	3,791.59	3,649.02	10.58	12.61	-62.95	636.12	639.54	375.52	353.12	22.40	16.768	
3,900.00	3,826.21	3,890.82	3,743.54	10.85	12.94	-62.55	656.12	662.19	387.59	364.63	22.96	16.882	
4,000.00	3,923.90	3,990.06	3,838.06	11.13	13.29	-62.18	676.13	684.85	399.68	376.14	23.53	16.983	
4,100.00	4,021.58	4,089.29	3,932.58	11.42	13.64	-61.83	696.13	707.50	411.78	387.66	24.12	17.072	
4,200.00	4,119.27	4,188.52	4,027.10	11.70	13.99	-61.49	716.14	730.15	423.90	399.19	24.72	17.150	
4,300.00	4,216.96	4,287.76	4,121.62	12.00	14.35	-61.18	736.14	752.80	436.04	410.71	25.32	17.219	
4,400.00	4,314.64	4,386.99	4,216.14	12.29	14.72	-60.88	756.15	775.45	448.18	422.24	25.94	17.279	
4,500.00	4,412.33	4,486.22	4,310.66	12.59	15.09	-60.60	776.15	798.10	460.34	433.78	26.56	17.332	
4,600.00	4,510.01	4,585.46	4,405.18	12.90	15.46	-60.33	796.15	820.75	472.50	445.31	27.19	17.377	
4,700.00	4,607.70	4,684.69	4,499.70	13.21	15.83	-60.08	816.16	843.40	484.68	456.85	27.83	17.417	
4,800.00	4,705.39	4,783.93	4,594.23	13.52	16.21	-59.84	836.16	866.05	496.87	468.39	28.47	17.451	
4,900.00	4,803.07	4,883.16	4,688.75	13.83	16.60	-59.61	856.17	888.70	509.06	479.94	29.12	17.480	
5,000.00	4,900.76	4,982.39	4,783.27	14.14	16.98	-59.39	876.17	911.35	521.26	491.48	29.78	17.505	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,998.44	5,081.63	4,877.79	14.46	17.37	-59.18	896.18	934.00	533.47	503.03	30.44	17.526	
5,200.00	5,096.13	5,180.86	4,972.31	14.78	17.76	-58.98	916.18	956.66	545.68	514.58	31.10	17.544	
5,300.00	5,193.82	5,280.09	5,066.83	15.11	18.15	-58.79	936.19	979.31	557.90	526.13	31.77	17.559	
5,400.00	5,291.50	5,379.33	5,161.35	15.43	18.54	-58.61	956.19	1,001.96	570.13	537.68	32.45	17.570	
5,500.00	5,389.19	5,478.56	5,255.87	15.76	18.94	-58.43	976.19	1,024.61	582.36	549.24	33.13	17.580	
5,600.00	5,486.87	5,577.79	5,350.39	16.09	19.34	-58.26	996.20	1,047.26	594.60	560.79	33.81	17.587	
5,700.00	5,584.56	5,677.03	5,444.91	16.42	19.74	-58.10	1,016.20	1,069.91	606.84	572.35	34.50	17.592	
5,800.00	5,682.25	5,776.26	5,539.43	16.75	20.14	-57.95	1,036.21	1,092.56	619.09	583.91	35.18	17.596	
5,900.00	5,779.93	5,875.50	5,633.95	17.08	20.54	-57.80	1,056.21	1,115.21	631.34	595.47	35.88	17.598	
6,000.00	5,877.62	5,974.73	5,728.47	17.42	20.95	-57.66	1,076.22	1,137.86	643.60	607.03	36.57	17.598	
6,100.00	5,975.30	6,073.96	5,822.99	17.75	21.35	-57.52	1,096.22	1,160.51	655.86	618.59	37.27	17.598	
6,200.00	6,072.99	6,173.20	5,917.51	18.09	21.76	-57.39	1,116.23	1,183.16	668.12	630.15	37.97	17.596	
6,300.00	6,170.67	6,272.43	6,012.03	18.43	22.17	-57.26	1,136.23	1,205.81	680.39	641.71	38.67	17.593	
6,400.00	6,268.36	6,371.66	6,106.55	18.77	22.58	-57.14	1,156.23	1,228.47	692.66	653.28	39.38	17.590	
6,500.00	6,366.05	6,470.90	6,201.07	19.11	22.99	-57.02	1,176.24	1,251.12	704.93	664.84	40.09	17.585	
6,600.00	6,463.73	6,570.13	6,295.59	19.45	23.40	-56.90	1,196.24	1,273.77	717.20	676.41	40.80	17.580	
6,700.00	6,561.42	6,669.36	6,390.11	19.79	23.82	-56.79	1,216.25	1,296.42	729.48	687.97	41.51	17.575	
6,800.00	6,659.10	6,768.60	6,484.63	20.13	24.23	-56.68	1,236.25	1,319.07	741.76	699.54	42.22	17.569	
6,900.00	6,756.79	6,853.41	6,564.11	20.48	24.61	-56.22	1,253.10	1,343.19	754.93	712.11	42.83	17.627	
7,000.00	6,853.49	6,934.94	6,636.91	20.85	25.05	-62.22	1,268.59	1,376.33	769.50	726.05	43.45	17.710	
7,100.00	6,945.46	7,015.14	6,703.90	21.34	25.56	-65.00	1,282.89	1,417.94	783.28	739.02	44.26	17.698	
7,200.00	7,030.35	7,094.40	6,764.54	21.94	26.12	-65.72	1,295.91	1,467.20	795.72	750.45	45.27	17.578	
7,300.00	7,106.06	7,173.01	6,818.31	22.66	26.75	-65.80	1,307.51	1,523.29	806.43	759.94	46.49	17.347	
7,400.00	7,170.73	7,250.00	6,864.02	23.49	27.41	-65.72	1,317.44	1,584.38	815.10	767.20	47.90	17.016	
7,500.00	7,222.77	7,329.27	6,903.19	24.43	28.16	-65.69	1,326.03	1,652.71	821.51	771.96	49.55	16.579	
7,600.00	7,260.89	7,407.38	6,933.36	25.45	28.93	-65.82	1,332.74	1,724.39	825.50	774.11	51.39	16.064	
7,700.00	7,284.16	7,485.77	6,954.77	26.55	29.76	-66.17	1,337.63	1,799.58	827.01	773.60	53.41	15.485	
7,800.00	7,292.01	7,564.64	6,967.03	27.69	30.61	-66.75	1,340.61	1,877.39	826.04	770.47	55.57	14.866	
7,900.00	7,291.78	7,648.40	6,969.95	28.86	31.53	-66.96	1,341.65	1,961.05	824.97	767.19	57.78	14.278	
8,000.00	7,291.56	7,748.40	6,969.71	30.07	32.66	-66.95	1,342.11	2,061.04	824.68	764.59	60.09	13.724	
8,100.00	7,291.34	7,848.40	6,969.47	31.33	33.83	-66.94	1,342.57	2,161.04	824.39	761.91	62.47	13.196	
8,200.00	7,291.11	7,948.40	6,969.22	32.62	35.04	-66.93	1,343.03	2,261.04	824.10	759.17	64.92	12.693	
8,300.00	7,290.89	8,048.40	6,968.98	33.95	36.29	-66.92	1,343.48	2,361.04	823.80	756.37	67.43	12.216	
8,400.00	7,290.67	8,148.40	6,968.74	35.30	37.57	-66.91	1,343.94	2,461.04	823.51	753.52	70.00	11.765	
8,500.00	7,290.44	8,248.40	6,968.49	36.69	38.88	-66.90	1,344.40	2,561.03	823.22	750.61	72.61	11.338	
8,600.00	7,290.22	8,348.40	6,968.25	38.09	40.21	-66.89	1,344.86	2,661.03	822.93	747.67	75.26	10.934	
8,700.00	7,290.00	8,448.40	6,968.01	39.51	41.57	-66.88	1,345.32	2,761.03	822.64	744.69	77.96	10.553	
8,800.00	7,289.78	8,548.40	6,967.77	40.96	42.96	-66.87	1,345.78	2,861.03	822.35	741.67	80.68	10.192	
8,900.00	7,289.55	8,648.40	6,967.52	42.42	44.36	-66.86	1,346.24	2,961.03	822.06	738.62	83.44	9.852	
9,000.00	7,289.33	8,748.40	6,967.28	43.89	45.78	-66.85	1,346.70	3,061.03	821.77	735.55	86.23	9.531	
9,100.00	7,289.11	8,848.40	6,967.04	45.38	47.21	-66.84	1,347.16	3,161.02	821.48	732.45	89.04	9.226	
9,200.00	7,288.88	8,948.39	6,966.79	46.88	48.66	-66.83	1,347.62	3,261.02	821.19	729.33	91.87	8.939	
9,300.00	7,288.66	9,048.39	6,966.55	48.39	50.13	-66.82	1,348.08	3,361.02	820.90	726.18	94.72	8.666	
9,400.00	7,288.44	9,148.39	6,966.31	49.91	51.60	-66.81	1,348.53	3,461.02	820.61	723.02	97.59	8.408	
9,500.00	7,288.21	9,248.39	6,966.07	51.44	53.09	-66.80	1,348.99	3,561.02	820.32	719.84	100.48	8.164	
9,600.00	7,287.99	9,348.39	6,965.82	52.98	54.59	-66.79	1,349.45	3,661.01	820.03	716.65	103.39	7.932	
9,700.00	7,287.77	9,448.39	6,965.58	54.53	56.10	-66.78	1,349.91	3,761.01	819.74	713.44	106.31	7.711	
9,800.00	7,287.54	9,548.39	6,965.34	56.09	57.62	-66.77	1,350.37	3,861.01	819.46	710.21	109.24	7.501	
9,900.00	7,287.32	9,648.39	6,965.10	57.65	59.14	-66.76	1,350.83	3,961.01	819.17	706.98	112.19	7.302	
10,000.00	7,287.10	9,748.39	6,964.85	59.21	60.67	-66.75	1,351.29	4,061.01	818.88	703.73	115.14	7.112	
10,100.00	7,286.87	9,848.39	6,964.61	60.79	62.21	-66.74	1,351.75	4,161.00	818.59	700.48	118.11	6.931	
10,200.00	7,286.65	9,948.39	6,964.37	62.36	63.76	-66.73	1,352.21	4,261.00	818.30	697.21	121.08	6.758	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,286.43	10,048.39	6,964.12	63.95	65.31	-66.72	1,352.67	4,361.00	818.01	693.94	124.07	6.593	
10,400.00	7,286.20	10,148.39	6,963.88	65.53	66.87	-66.71	1,353.13	4,461.00	817.72	690.66	127.06	6.436	
10,500.00	7,285.98	10,248.39	6,963.64	67.12	68.44	-66.70	1,353.59	4,561.00	817.43	687.37	130.06	6.285	
10,600.00	7,285.76	10,348.39	6,963.40	68.72	70.01	-66.69	1,354.04	4,661.00	817.14	684.07	133.07	6.141	
10,700.00	7,285.53	10,448.39	6,963.15	70.32	71.58	-66.68	1,354.50	4,760.99	816.85	680.77	136.08	6.003	
10,800.00	7,285.31	10,548.39	6,962.91	71.92	73.16	-66.67	1,354.96	4,860.99	816.56	677.46	139.10	5.870	
10,900.00	7,285.09	10,648.39	6,962.67	73.52	74.74	-66.66	1,355.42	4,960.99	816.27	674.14	142.13	5.743	
11,000.00	7,284.86	10,748.39	6,962.42	75.13	76.33	-66.65	1,355.88	5,060.99	815.98	670.82	145.16	5.621	
11,100.00	7,284.64	10,848.38	6,962.18	76.74	77.92	-66.64	1,356.34	5,160.99	815.69	667.50	148.19	5.504	
11,200.00	7,284.42	10,948.38	6,961.94	78.35	79.51	-66.63	1,356.80	5,260.98	815.40	664.17	151.23	5.392	
11,300.00	7,284.19	11,048.38	6,961.70	79.97	81.10	-66.62	1,357.26	5,360.98	815.11	660.83	154.28	5.283	
11,400.00	7,283.97	11,148.38	6,961.45	81.59	82.70	-66.61	1,357.72	5,460.98	814.82	657.49	157.33	5.179	
11,500.00	7,283.75	11,248.38	6,961.21	83.21	84.31	-66.60	1,358.18	5,560.98	814.53	654.15	160.38	5.079	
11,600.00	7,283.52	11,348.38	6,960.97	84.83	85.91	-66.59	1,358.64	5,660.98	814.24	650.81	163.44	4.982	
11,700.00	7,283.30	11,448.38	6,960.73	86.45	87.52	-66.58	1,359.09	5,760.97	813.95	647.46	166.49	4.889	
11,800.00	7,283.08	11,548.38	6,960.48	88.08	89.13	-66.57	1,359.55	5,860.97	813.66	644.11	169.56	4.799	
11,900.00	7,282.86	11,648.38	6,960.24	89.71	90.74	-66.56	1,360.01	5,960.97	813.38	640.75	172.62	4.712	
12,000.00	7,282.63	11,748.38	6,960.00	91.33	92.35	-66.54	1,360.47	6,060.97	813.09	637.40	175.69	4.628	
12,100.00	7,282.41	11,848.38	6,959.75	92.97	93.97	-66.53	1,360.93	6,160.97	812.80	634.03	178.76	4.547	
12,200.00	7,282.19	11,948.38	6,959.51	94.60	95.59	-66.52	1,361.39	6,260.97	812.51	630.67	181.84	4.468	
12,300.00	7,281.96	12,048.38	6,959.27	96.23	97.21	-66.51	1,361.85	6,360.96	812.22	627.31	184.91	4.392	
12,400.00	7,281.74	12,148.38	6,959.03	97.86	98.83	-66.50	1,362.31	6,460.96	811.93	623.94	187.99	4.319	
12,500.00	7,281.52	12,248.38	6,958.78	99.50	100.45	-66.49	1,362.77	6,560.96	811.64	620.57	191.07	4.248	
12,600.00	7,281.29	12,348.38	6,958.54	101.14	102.08	-66.48	1,363.23	6,660.96	811.35	617.20	194.15	4.179	
12,700.00	7,281.07	12,448.38	6,958.30	102.78	103.70	-66.47	1,363.69	6,760.96	811.06	613.83	197.23	4.112	
12,800.00	7,280.85	12,548.38	6,958.06	104.41	105.33	-66.46	1,364.15	6,860.95	810.77	610.45	200.32	4.047	
12,900.00	7,280.62	12,648.38	6,957.81	106.05	106.96	-66.45	1,364.60	6,960.95	810.48	607.08	203.41	3.985	
13,000.00	7,280.40	12,748.37	6,957.57	107.70	108.59	-66.44	1,365.06	7,060.95	810.20	603.70	206.50	3.924	
13,100.00	7,280.18	12,848.37	6,957.33	109.34	110.22	-66.43	1,365.52	7,160.95	809.91	600.32	209.59	3.864	
13,200.00	7,279.95	12,948.37	6,957.08	110.98	111.85	-66.42	1,365.98	7,260.95	809.62	596.94	212.68	3.807	
13,300.00	7,279.73	13,048.37	6,956.84	112.62	113.49	-66.41	1,366.44	7,360.94	809.33	593.56	215.77	3.751	
13,400.00	7,279.51	13,148.37	6,956.60	114.27	115.12	-66.40	1,366.90	7,460.94	809.04	590.17	218.86	3.697	
13,500.00	7,279.28	13,248.37	6,956.36	115.91	116.76	-66.39	1,367.36	7,560.94	808.75	586.79	221.96	3.644	
13,600.00	7,279.06	13,348.37	6,956.11	117.56	118.39	-66.38	1,367.82	7,660.94	808.46	583.41	225.06	3.592	
13,700.00	7,278.84	13,448.37	6,955.87	119.21	120.03	-66.37	1,368.28	7,760.94	808.17	580.02	228.15	3.542	
13,800.00	7,278.61	13,548.37	6,955.63	120.85	121.67	-66.36	1,368.74	7,860.94	807.88	576.63	231.25	3.494	
13,900.00	7,278.39	13,648.37	6,955.38	122.50	123.31	-66.35	1,369.20	7,960.93	807.60	573.24	234.35	3.446	
14,000.00	7,278.17	13,748.37	6,955.14	124.15	124.95	-66.34	1,369.65	8,060.93	807.31	569.85	237.45	3.400	
14,100.00	7,277.94	13,848.37	6,954.90	125.80	126.59	-66.33	1,370.11	8,160.93	807.02	566.46	240.55	3.355	
14,200.00	7,277.72	13,948.37	6,954.66	127.45	128.24	-66.32	1,370.57	8,260.93	806.73	563.07	243.66	3.311	
14,300.00	7,277.50	14,048.37	6,954.41	129.10	129.88	-66.31	1,371.03	8,360.93	806.44	559.68	246.76	3.268	
14,400.00	7,277.27	14,148.37	6,954.17	130.75	131.52	-66.29	1,371.49	8,460.92	806.15	556.29	249.86	3.226	
14,500.00	7,277.05	14,248.37	6,953.93	132.40	133.17	-66.28	1,371.95	8,560.92	805.86	552.90	252.97	3.186	
14,600.00	7,276.83	14,348.37	6,953.69	134.06	134.81	-66.27	1,372.41	8,660.92	805.58	549.50	256.07	3.146	
14,700.00	7,276.60	14,448.37	6,953.44	135.71	136.46	-66.26	1,372.87	8,760.92	805.29	546.11	259.18	3.107	
14,800.00	7,276.38	14,548.37	6,953.20	137.36	138.10	-66.25	1,373.33	8,860.92	805.00	542.72	262.28	3.069	
14,900.00	7,276.16	14,648.36	6,952.96	139.02	139.75	-66.24	1,373.79	8,960.91	804.71	539.32	265.39	3.032	
15,000.00	7,275.94	14,748.36	6,952.71	140.67	141.40	-66.23	1,374.25	9,060.91	804.42	535.93	268.50	2.996	
15,100.00	7,275.71	14,848.36	6,952.47	142.32	143.05	-66.22	1,374.71	9,160.91	804.13	532.53	271.60	2.961	
15,200.00	7,275.49	14,948.36	6,952.23	143.98	144.70	-66.21	1,375.16	9,260.91	803.85	529.13	274.71	2.926	
15,300.00	7,275.27	15,048.36	6,951.99	145.63	146.35	-66.20	1,375.62	9,360.91	803.56	525.74	277.82	2.892	
15,400.00	7,275.04	15,148.36	6,951.74	147.29	148.00	-66.19	1,376.08	9,460.91	803.27	522.34	280.93	2.859	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3A-L - 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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,274.82	15,248.36	6,951.50	148.95	149.65	-66.18	1,376.54	9,560.90	802.98	518.94	284.04	2.827	
15,600.00	7,274.60	15,348.36	6,951.26	150.60	151.30	-66.17	1,377.00	9,660.90	802.69	515.55	287.15	2.795	
15,700.00	7,274.37	15,448.36	6,951.01	152.26	152.95	-66.16	1,377.46	9,760.90	802.40	512.15	290.26	2.764	
15,800.00	7,274.15	15,548.36	6,950.77	153.92	154.60	-66.15	1,377.92	9,860.90	802.12	508.75	293.37	2.734	
15,900.00	7,273.93	15,648.36	6,950.53	155.57	156.25	-66.14	1,378.38	9,960.90	801.83	505.35	296.48	2.705	
16,000.00	7,273.70	15,748.36	6,950.29	157.23	157.90	-66.13	1,378.84	10,060.89	801.54	501.95	299.59	2.675	
16,100.00	7,273.48	15,848.36	6,950.04	158.89	159.56	-66.11	1,379.30	10,160.89	801.25	498.55	302.70	2.647	
16,200.00	7,273.26	15,948.36	6,949.80	160.55	161.21	-66.10	1,379.76	10,260.89	800.96	495.15	305.81	2.619	
16,300.00	7,273.03	16,048.36	6,949.56	162.20	162.86	-66.09	1,380.21	10,360.89	800.67	491.75	308.92	2.592	
16,400.00	7,272.81	16,148.36	6,949.32	163.86	164.52	-66.08	1,380.67	10,460.89	800.39	488.36	312.03	2.565	
16,500.00	7,272.59	16,248.36	6,949.07	165.52	166.17	-66.07	1,381.13	10,560.88	800.10	484.96	315.14	2.539	
16,600.00	7,272.36	16,348.36	6,948.83	167.18	167.83	-66.06	1,381.59	10,660.88	799.81	481.56	318.25	2.513	
16,700.00	7,272.14	16,448.36	6,948.59	168.84	169.48	-66.05	1,382.05	10,760.88	799.52	478.16	321.37	2.488	
16,800.00	7,271.92	16,548.35	6,948.34	170.50	171.14	-66.04	1,382.51	10,860.88	799.24	474.76	324.48	2.463	
16,900.00	7,271.69	16,648.35	6,948.10	172.16	172.79	-66.03	1,382.97	10,960.88	798.95	471.36	327.59	2.439	
17,000.00	7,271.47	16,748.35	6,947.86	173.82	174.45	-66.02	1,383.43	11,060.88	798.66	467.96	330.70	2.415	
17,100.00	7,271.25	16,848.35	6,947.62	175.48	176.11	-66.01	1,383.89	11,160.87	798.37	464.56	333.81	2.392	
17,200.00	7,271.02	16,948.35	6,947.37	177.14	177.76	-66.00	1,384.35	11,260.87	798.08	461.16	336.93	2.369	
17,300.00	7,270.80	17,048.35	6,947.13	178.80	179.42	-65.99	1,384.81	11,360.87	797.80	457.76	340.04	2.346	
17,400.00	7,270.58	17,148.35	6,946.89	180.46	181.08	-65.98	1,385.27	11,460.87	797.51	454.36	343.15	2.324	
17,500.00	7,270.35	17,248.35	6,946.65	182.12	182.74	-65.96	1,385.72	11,560.87	797.22	450.96	346.26	2.302	
17,600.00	7,270.13	17,348.35	6,946.40	183.79	184.39	-65.95	1,386.18	11,660.86	796.93	447.56	349.38	2.281	
17,700.00	7,269.91	17,448.35	6,946.16	185.45	186.05	-65.94	1,386.64	11,760.86	796.64	444.16	352.49	2.260	
17,800.00	7,269.68	17,548.35	6,945.92	187.11	187.71	-65.93	1,387.10	11,860.86	796.36	440.76	355.60	2.239	
17,900.00	7,269.46	17,648.35	6,945.67	188.77	189.37	-65.92	1,387.56	11,960.86	796.07	437.36	358.71	2.219	
18,000.00	7,269.24	17,748.35	6,945.43	190.43	191.03	-65.91	1,388.02	12,060.86	795.78	433.96	361.83	2.199	
18,100.00	7,269.02	17,848.35	6,945.19	192.10	192.69	-65.90	1,388.48	12,160.85	795.49	430.56	364.94	2.180	
18,200.00	7,268.79	17,948.35	6,944.95	193.76	194.35	-65.89	1,388.94	12,260.85	795.21	427.16	368.05	2.161	
18,206.76	7,268.78	17,955.11	6,944.93	193.87	194.46	-65.89	1,388.97	12,267.61	795.19	426.93	368.26	2.159 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	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		
300.00	300.00	301.91	301.91	3.35	3.35	-89.48	0.90	-99.78	99.79	92.12	7.66	13.019		
400.00	399.98	404.40	404.35	3.41	3.42	-155.37	3.11	-97.53	99.22	91.42	7.79	12.732		
430.24	430.19	435.38	435.28	3.44	3.45	-154.98	4.28	-96.33	99.18	91.34	7.84	12.652 CC, ES		
500.00	499.84	506.81	506.52	3.50	3.51	-153.84	7.87	-92.66	99.37	91.41	7.96	12.487		
600.00	599.45	609.11	608.28	3.61	3.63	-151.69	15.18	-85.20	100.33	92.16	8.17	12.287		
700.00	698.70	711.27	709.47	3.75	3.78	-148.99	25.00	-75.16	102.22	93.79	8.42	12.138		
800.00	797.47	813.27	809.93	3.91	3.96	-145.85	37.33	-62.58	105.15	96.42	8.73	12.040		
900.00	895.62	915.08	909.52	4.12	4.18	-142.38	52.12	-47.48	109.28	100.16	9.12	11.987		
1,000.00	993.32	1,016.65	1,008.05	4.36	4.45	-138.40	69.33	-29.90	113.81	104.23	9.58	11.875		
1,100.00	1,091.01	1,117.78	1,105.24	4.63	4.77	-133.20	88.88	-9.93	117.47	107.32	10.15	11.572		
1,200.00	1,188.69	1,218.04	1,200.57	4.93	5.14	-126.83	110.60	12.24	121.00	110.17	10.83	11.172		
1,300.00	1,286.38	1,316.95	1,294.24	5.24	5.55	-120.41	132.85	34.96	125.71	114.12	11.59	10.845		
1,400.00	1,384.06	1,415.87	1,387.90	5.57	5.99	-114.52	155.09	57.68	131.90	119.51	12.40	10.640		
1,500.00	1,481.75	1,514.78	1,481.56	5.92	6.44	-109.19	177.34	80.39	139.37	126.15	13.23	10.537		
1,600.00	1,579.44	1,613.69	1,575.23	6.27	6.92	-104.44	199.58	103.11	147.93	133.86	14.07	10.514		
1,700.00	1,677.12	1,712.61	1,668.89	6.63	7.41	-100.22	221.83	125.83	157.40	142.48	14.92	10.550		
1,800.00	1,774.81	1,811.52	1,762.56	7.01	7.88	-96.50	244.07	148.54	167.62	151.88	15.74	10.648		
1,900.00	1,872.49	1,910.44	1,856.22	7.21	8.14	-93.21	266.32	171.26	178.47	162.68	15.80	11.297		
2,000.00	1,970.18	2,009.35	1,949.89	7.26	8.22	-90.30	288.56	193.98	189.84	173.95	15.89	11.947		
2,100.00	2,067.87	2,108.26	2,043.55	7.33	8.33	-87.73	310.81	216.69	201.64	185.63	16.02	12.590		
2,200.00	2,165.55	2,207.18	2,137.21	7.42	8.46	-85.44	333.06	239.41	213.80	197.63	16.18	13.216		
2,300.00	2,263.24	2,306.09	2,230.88	7.52	8.62	-83.40	355.30	262.13	226.26	209.89	16.37	13.819		
2,400.00	2,360.92	2,405.00	2,324.54	7.64	8.79	-81.57	377.55	284.84	238.98	222.38	16.60	14.393		
2,500.00	2,458.61	2,503.92	2,418.21	7.77	8.98	-79.93	399.79	307.56	251.91	235.04	16.87	14.932		
2,600.00	2,556.30	2,602.83	2,511.87	7.92	9.19	-78.45	422.04	330.28	265.03	247.86	17.17	15.437		
2,700.00	2,653.98	2,701.75	2,605.54	8.08	9.42	-77.11	444.28	352.99	278.30	260.81	17.50	15.906		
2,800.00	2,751.67	2,800.66	2,699.20	8.26	9.66	-75.89	466.53	375.71	291.71	273.86	17.86	16.337		
2,900.00	2,849.35	2,900.43	2,792.87	8.45	9.93	-74.78	488.77	398.43	305.24	287.00	18.24	16.731		
3,000.00	2,947.04	2,998.49	2,886.53	8.65	10.20	-73.76	511.02	421.14	318.88	300.22	18.65	17.095		
3,100.00	3,044.72	3,102.60	2,980.19	8.86	10.50	-72.83	533.27	443.86	332.60	313.50	19.10	17.410		
3,200.00	3,142.41	3,203.69	3,073.86	9.08	10.80	-71.97	555.51	466.58	346.41	326.84	19.57	17.702		
3,300.00	3,240.10	3,304.77	3,167.52	9.31	11.12	-71.17	577.76	489.29	360.28	340.23	20.06	17.964		
3,400.00	3,337.78	3,394.14	3,261.19	9.55	11.40	-70.44	600.00	512.01	374.22	353.69	20.53	18.232		
3,500.00	3,435.47	3,493.05	3,354.85	9.80	11.73	-69.76	622.25	534.73	388.21	367.17	21.04	18.450		
3,600.00	3,533.15	3,591.97	3,448.52	10.05	12.06	-69.12	644.49	557.44	402.26	380.69	21.57	18.646		
3,700.00	3,630.84	3,690.88	3,542.18	10.31	12.41	-68.53	666.74	580.16	416.35	394.23	22.12	18.821		
3,800.00	3,728.53	3,789.80	3,635.84	10.58	12.76	-67.98	688.98	602.88	430.48	407.80	22.68	18.979		
3,900.00	3,826.21	3,888.71	3,729.51	10.85	13.11	-67.46	711.23	625.59	444.65	421.39	23.26	19.119		
4,000.00	3,923.90	3,987.62	3,823.17	11.13	13.47	-66.97	733.48	648.31	458.85	435.01	23.84	19.245		
4,100.00	4,021.58	4,086.54	3,916.84	11.42	13.84	-66.51	755.72	671.03	473.08	448.64	24.44	19.357		
4,200.00	4,119.27	4,185.45	4,010.50	11.70	14.21	-66.08	777.97	693.74	487.34	462.29	25.05	19.457		
4,300.00	4,216.96	4,284.36	4,104.17	12.00	14.59	-65.68	800.21	716.46	501.62	475.96	25.66	19.546		
4,400.00	4,314.64	4,383.28	4,197.83	12.29	14.97	-65.30	822.46	739.18	515.93	489.64	26.29	19.625		
4,500.00	4,412.33	4,482.19	4,291.50	12.59	15.35	-64.93	844.70	761.89	530.26	503.34	26.92	19.696		
4,600.00	4,510.01	4,581.11	4,385.16	12.90	15.74	-64.59	866.95	784.61	544.61	517.05	27.56	19.758		
4,700.00	4,607.70	4,680.02	4,478.82	13.21	16.13	-64.26	889.19	807.32	558.98	530.77	28.21	19.814		
4,800.00	4,705.39	4,778.93	4,572.49	13.52	16.53	-63.95	911.44	830.04	573.36	544.50	28.87	19.863		
4,900.00	4,803.07	4,877.85	4,666.15	13.83	16.92	-63.66	933.68	852.76	587.76	558.24	29.53	19.907		
5,000.00	4,900.76	4,976.76	4,759.82	14.14	17.33	-63.38	955.93	875.47	602.18	571.99	30.19	19.945		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	5,075.67	4,853.48	14.46	17.73	-63.11	978.18	898.19	616.61	585.74	30.86	19.979		
5,200.00	5,096.13	5,174.59	4,947.15	14.78	18.13	-62.86	1,000.42	920.91	631.05	599.51	31.54	20.008		
5,300.00	5,193.82	5,273.50	5,040.81	15.11	18.54	-62.61	1,022.67	943.62	645.50	613.28	32.22	20.034		
5,400.00	5,291.50	5,372.42	5,134.47	15.43	18.95	-62.38	1,044.91	966.34	659.96	627.06	32.90	20.057		
5,500.00	5,389.19	5,471.33	5,228.14	15.76	19.36	-62.16	1,067.16	989.06	674.43	640.84	33.59	20.076		
5,600.00	5,486.87	5,570.24	5,321.80	16.09	19.78	-61.94	1,089.40	1,011.77	688.92	654.63	34.29	20.093		
5,700.00	5,584.56	5,669.16	5,415.47	16.42	20.19	-61.74	1,111.65	1,034.49	703.41	668.43	34.98	20.108		
5,800.00	5,682.25	5,768.07	5,509.13	16.75	20.61	-61.54	1,133.89	1,057.21	717.91	682.23	35.68	20.120		
5,900.00	5,779.93	5,866.98	5,602.80	17.08	21.03	-61.35	1,156.14	1,079.92	732.42	696.03	36.38	20.130		
6,000.00	5,877.62	5,965.90	5,696.46	17.42	21.45	-61.17	1,178.39	1,102.64	746.93	709.84	37.09	20.139		
6,100.00	5,975.30	6,064.81	5,790.12	17.75	21.87	-61.00	1,200.63	1,125.36	761.46	723.66	37.80	20.146		
6,200.00	6,072.99	6,163.72	5,883.79	18.09	22.29	-60.83	1,222.88	1,148.07	775.99	737.48	38.51	20.151		
6,300.00	6,170.67	6,262.64	5,977.45	18.43	22.72	-60.67	1,245.12	1,170.79	790.52	751.30	39.22	20.156		
6,400.00	6,268.36	6,361.55	6,071.12	18.77	23.14	-60.51	1,267.37	1,193.51	805.06	765.13	39.94	20.159		
6,500.00	6,366.05	6,460.47	6,164.78	19.11	23.57	-60.36	1,289.61	1,216.22	819.61	778.96	40.65	20.161		
6,600.00	6,463.73	6,559.38	6,258.45	19.45	23.99	-60.22	1,311.86	1,238.94	834.16	792.79	41.37	20.162		
6,700.00	6,561.42	6,658.29	6,352.11	19.79	24.42	-60.08	1,334.10	1,261.66	848.72	806.62	42.10	20.162		
6,800.00	6,659.10	6,757.21	6,445.78	20.13	24.85	-59.94	1,356.35	1,284.37	863.28	820.46	42.82	20.161		
6,900.00	6,756.79	6,856.12	6,539.44	20.48	25.28	-59.81	1,378.60	1,307.09	877.85	834.31	43.54	20.160		
7,000.00	6,853.49	6,955.03	6,633.10	20.85	25.71	-66.95	1,400.84	1,329.81	891.89	847.56	44.33	20.119		
7,100.00	6,945.46	7,049.76	6,722.62	21.34	26.13	-71.61	1,422.11	1,352.29	904.14	858.84	45.31	19.955		
7,200.00	7,030.35	7,139.76	6,804.76	21.94	26.58	-74.16	1,441.67	1,383.22	915.38	868.90	46.48	19.693		
7,300.00	7,106.06	7,232.43	6,884.02	22.66	27.14	-75.87	1,460.63	1,427.16	925.66	877.76	47.90	19.325		
7,400.00	7,170.73	7,328.19	6,958.50	23.49	27.81	-77.23	1,478.52	1,484.50	934.78	885.21	49.56	18.860		
7,500.00	7,222.77	7,427.50	7,025.97	24.43	28.60	-78.45	1,494.84	1,555.37	942.55	891.09	51.46	18.316		
7,600.00	7,260.89	7,530.74	7,083.85	25.45	29.51	-79.63	1,508.96	1,639.54	948.78	895.22	53.55	17.716		
7,700.00	7,284.16	7,638.22	7,129.23	26.55	30.54	-80.79	1,520.19	1,736.19	953.25	897.45	55.80	17.083		
7,800.00	7,292.01	7,750.13	7,158.96	27.69	31.69	-81.94	1,527.78	1,843.66	955.77	897.65	58.13	16.443		
7,900.00	7,291.78	7,866.96	7,169.99	28.86	32.94	-82.62	1,531.00	1,959.75	956.44	895.96	60.49	15.813		
8,000.00	7,291.56	7,967.65	7,169.86	30.07	34.04	-82.63	1,531.50	2,060.44	956.15	893.28	62.87	15.209		
8,100.00	7,291.34	8,067.65	7,169.71	31.33	35.17	-82.63	1,531.99	2,160.44	955.85	890.53	65.33	14.632		
8,200.00	7,291.11	8,167.65	7,169.57	32.62	36.35	-82.63	1,532.49	2,260.44	955.56	887.70	67.86	14.081		
8,300.00	7,290.89	8,267.65	7,169.42	33.95	37.56	-82.63	1,532.98	2,360.44	955.26	884.80	70.46	13.557		
8,400.00	7,290.67	8,367.65	7,169.28	35.30	38.81	-82.64	1,533.48	2,460.44	954.97	881.84	73.12	13.060		
8,500.00	7,290.44	8,467.65	7,169.13	36.69	40.08	-82.64	1,533.97	2,560.43	954.67	878.83	75.84	12.589		
8,600.00	7,290.22	8,567.65	7,168.99	38.09	41.39	-82.64	1,534.47	2,660.43	954.37	875.78	78.60	12.143		
8,700.00	7,290.00	8,667.65	7,168.84	39.51	42.72	-82.64	1,534.96	2,760.43	954.08	872.68	81.40	11.721		
8,800.00	7,289.78	8,767.65	7,168.69	40.96	44.07	-82.65	1,535.45	2,860.43	953.78	869.54	84.24	11.322		
8,900.00	7,289.55	8,867.65	7,168.55	42.42	45.44	-82.65	1,535.95	2,960.43	953.49	866.37	87.12	10.944		
9,000.00	7,289.33	8,967.65	7,168.40	43.89	46.83	-82.65	1,536.44	3,060.43	953.19	863.16	90.03	10.588		
9,100.00	7,289.11	9,067.65	7,168.26	45.38	48.24	-82.65	1,536.94	3,160.42	952.89	859.93	92.96	10.250		
9,200.00	7,288.88	9,167.65	7,168.11	46.88	49.67	-82.66	1,537.43	3,260.42	952.60	856.67	95.93	9.930		
9,300.00	7,288.66	9,267.65	7,167.97	48.39	51.11	-82.66	1,537.93	3,360.42	952.30	853.39	98.91	9.628		
9,400.00	7,288.44	9,367.64	7,167.82	49.91	52.56	-82.66	1,538.42	3,460.42	952.01	850.09	101.92	9.341		
9,500.00	7,288.21	9,467.64	7,167.67	51.44	54.03	-82.66	1,538.92	3,560.42	951.71	846.77	104.95	9.069		
9,600.00	7,287.99	9,567.64	7,167.53	52.98	55.51	-82.67	1,539.41	3,660.42	951.42	843.43	107.99	8.810		
9,700.00	7,287.77	9,667.64	7,167.38	54.53	57.00	-82.67	1,539.91	3,760.41	951.12	840.07	111.05	8.565		
9,800.00	7,287.54	9,767.64	7,167.24	56.09	58.49	-82.67	1,540.40	3,860.41	950.82	836.70	114.13	8.331		
9,900.00	7,287.32	9,867.64	7,167.09	57.65	60.00	-82.67	1,540.90	3,960.41	950.53	833.31	117.22	8.109		
10,000.00	7,287.10	9,967.64	7,166.95	59.21	61.52	-82.68	1,541.39	4,060.41	950.23	829.91	120.32	7.898		
10,100.00	7,286.87	10,067.64	7,166.80	60.79	63.04	-82.68	1,541.88	4,160.41	949.94	826.50	123.43	7.696		
10,200.00	7,286.65	10,167.64	7,166.65	62.36	64.57	-82.68	1,542.38	4,260.40	949.64	823.08	126.56	7.504		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3C-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,286.43	10,267.64	7,166.51	63.95	66.11	-82.68	1,542.87	4,360.40	949.34	819.65	129.69	7.320		
10,400.00	7,286.20	10,367.64	7,166.36	65.53	67.65	-82.69	1,543.37	4,460.40	949.05	816.21	132.84	7.144		
10,500.00	7,285.98	10,467.64	7,166.22	67.12	69.20	-82.69	1,543.86	4,560.40	948.75	812.76	135.99	6.977		
10,600.00	7,285.76	10,567.64	7,166.07	68.72	70.76	-82.69	1,544.36	4,660.40	948.46	809.30	139.15	6.816		
10,700.00	7,285.53	10,667.64	7,165.92	70.32	72.32	-82.69	1,544.85	4,760.40	948.16	805.84	142.32	6.662		
10,800.00	7,285.31	10,767.64	7,165.78	71.92	73.89	-82.69	1,545.35	4,860.39	947.87	802.37	145.50	6.515		
10,900.00	7,285.09	10,867.64	7,165.63	73.52	75.46	-82.70	1,545.84	4,960.39	947.57	798.89	148.68	6.373		
11,000.00	7,284.86	10,967.64	7,165.49	75.13	77.03	-82.70	1,546.34	5,060.39	947.27	795.40	151.87	6.237		
11,100.00	7,284.64	11,067.64	7,165.34	76.74	78.61	-82.70	1,546.83	5,160.39	946.98	791.91	155.07	6.107		
11,200.00	7,284.42	11,167.64	7,165.20	78.35	80.19	-82.70	1,547.32	5,260.39	946.68	788.41	158.27	5.982		
11,300.00	7,284.19	11,267.64	7,165.05	79.97	81.78	-82.71	1,547.82	5,360.38	946.39	784.91	161.47	5.861		
11,400.00	7,283.97	11,367.64	7,164.90	81.59	83.37	-82.71	1,548.31	5,460.38	946.09	781.41	164.68	5.745		
11,500.00	7,283.75	11,467.64	7,164.76	83.21	84.96	-82.71	1,548.81	5,560.38	945.79	777.89	167.90	5.633		
11,600.00	7,283.52	11,567.64	7,164.61	84.83	86.55	-82.71	1,549.30	5,660.38	945.50	774.38	171.12	5.525		
11,700.00	7,283.30	11,667.63	7,164.47	86.45	88.15	-82.72	1,549.80	5,760.38	945.20	770.86	174.34	5.421		
11,800.00	7,283.08	11,767.63	7,164.32	88.08	89.75	-82.72	1,550.29	5,860.38	944.91	767.34	177.57	5.321		
11,900.00	7,282.86	11,867.63	7,164.18	89.71	91.36	-82.72	1,550.79	5,960.37	944.61	763.81	180.80	5.225		
12,000.00	7,282.63	11,967.63	7,164.03	91.33	92.96	-82.72	1,551.28	6,060.37	944.32	760.28	184.04	5.131		
12,100.00	7,282.41	12,067.63	7,163.88	92.97	94.57	-82.73	1,551.78	6,160.37	944.02	756.74	187.28	5.041		
12,200.00	7,282.19	12,167.63	7,163.74	94.60	96.18	-82.73	1,552.27	6,260.37	943.72	753.20	190.52	4.953		
12,300.00	7,281.96	12,267.63	7,163.59	96.23	97.79	-82.73	1,552.76	6,360.37	943.43	749.66	193.76	4.869		
12,400.00	7,281.74	12,367.63	7,163.45	97.86	99.41	-82.73	1,553.26	6,460.37	943.13	746.12	197.01	4.787		
12,500.00	7,281.52	12,467.63	7,163.30	99.50	101.02	-82.74	1,553.75	6,560.36	942.84	742.58	200.26	4.708		
12,600.00	7,281.29	12,567.63	7,163.16	101.14	102.64	-82.74	1,554.25	6,660.36	942.54	739.03	203.51	4.631		
12,700.00	7,281.07	12,667.63	7,163.01	102.78	104.26	-82.74	1,554.74	6,760.36	942.24	735.48	206.77	4.557		
12,800.00	7,280.85	12,767.63	7,162.86	104.41	105.88	-82.74	1,555.24	6,860.36	941.95	731.92	210.03	4.485		
12,900.00	7,280.62	12,867.63	7,162.72	106.05	107.50	-82.75	1,555.73	6,960.36	941.65	728.37	213.29	4.415		
13,000.00	7,280.40	12,967.63	7,162.57	107.70	109.13	-82.75	1,556.23	7,060.35	941.36	724.81	216.55	4.347		
13,100.00	7,280.18	13,067.63	7,162.43	109.34	110.75	-82.75	1,556.72	7,160.35	941.06	721.25	219.81	4.281		
13,200.00	7,279.95	13,167.63	7,162.28	110.98	112.38	-82.75	1,557.22	7,260.35	940.77	717.69	223.08	4.217		
13,300.00	7,279.73	13,267.63	7,162.14	112.62	114.01	-82.76	1,557.71	7,360.35	940.47	714.12	226.35	4.155		
13,400.00	7,279.51	13,367.63	7,161.99	114.27	115.64	-82.76	1,558.20	7,460.35	940.17	710.56	229.62	4.095		
13,500.00	7,279.28	13,467.63	7,161.84	115.91	117.27	-82.76	1,558.70	7,560.35	939.88	706.99	232.89	4.036		
13,600.00	7,279.06	13,567.63	7,161.70	117.56	118.90	-82.76	1,559.19	7,660.34	939.58	703.42	236.16	3.979		
13,700.00	7,278.84	13,667.63	7,161.55	119.21	120.53	-82.77	1,559.69	7,760.34	939.29	699.85	239.43	3.923		
13,800.00	7,278.61	13,767.63	7,161.41	120.85	122.17	-82.77	1,560.18	7,860.34	938.99	696.28	242.71	3.869		
13,900.00	7,278.39	13,867.62	7,161.26	122.50	123.80	-82.77	1,560.68	7,960.34	938.70	692.71	245.99	3.816		
14,000.00	7,278.17	13,967.62	7,161.12	124.15	125.44	-82.77	1,561.17	8,060.34	938.40	689.13	249.27	3.765		
14,100.00	7,277.94	14,067.62	7,160.97	125.80	127.08	-82.78	1,561.67	8,160.34	938.10	685.56	252.55	3.715		
14,200.00	7,277.72	14,167.62	7,160.82	127.45	128.71	-82.78	1,562.16	8,260.33	937.81	681.98	255.83	3.666		
14,300.00	7,277.50	14,267.62	7,160.68	129.10	130.35	-82.78	1,562.66	8,360.33	937.51	678.40	259.11	3.618		
14,400.00	7,277.27	14,367.62	7,160.53	130.75	131.99	-82.78	1,563.15	8,460.33	937.22	674.82	262.40	3.572		
14,500.00	7,277.05	14,467.62	7,160.39	132.40	133.63	-82.79	1,563.64	8,560.33	936.92	671.24	265.68	3.526		
14,600.00	7,276.83	14,567.62	7,160.24	134.06	135.27	-82.79	1,564.14	8,660.33	936.63	667.66	268.97	3.482		
14,700.00	7,276.60	14,667.62	7,160.10	135.71	136.92	-82.79	1,564.63	8,760.32	936.33	664.08	272.25	3.439		
14,800.00	7,276.38	14,767.62	7,159.95	137.36	138.56	-82.79	1,565.13	8,860.32	936.03	660.49	275.54	3.397		
14,900.00	7,276.16	14,867.62	7,159.80	139.02	140.20	-82.80	1,565.62	8,960.32	935.74	656.91	278.83	3.356		
15,000.00	7,275.94	14,967.62	7,159.66	140.67	141.85	-82.80	1,566.12	9,060.32	935.44	653.32	282.12	3.316		
15,100.00	7,275.71	15,067.62	7,159.51	142.32	143.49	-82.80	1,566.61	9,160.32	935.15	649.73	285.41	3.276		
15,200.00	7,275.49	15,167.62	7,159.37	143.98	145.14	-82.80	1,567.11	9,260.32	934.85	646.15	288.71	3.238		
15,300.00	7,275.27	15,267.62	7,159.22	145.63	146.78	-82.81	1,567.60	9,360.31	934.55	642.56	292.00	3.201		
15,400.00	7,275.04	15,367.62	7,159.08	147.29	148.43	-82.81	1,568.10	9,460.31	934.26	638.97	295.29	3.164		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 25N-3C-L - 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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,500.00	7,274.82	15,467.62	7,158.93	148.95	150.07	-82.81	1,568.59	9,560.31	933.96	635.38	298.59	3.128	
15,600.00	7,274.60	15,567.62	7,158.78	150.60	151.72	-82.81	1,569.08	9,660.31	933.67	631.79	301.88	3.093	
15,700.00	7,274.37	15,667.62	7,158.64	152.26	153.37	-82.82	1,569.58	9,760.31	933.37	628.19	305.18	3.058	
15,800.00	7,274.15	15,767.62	7,158.49	153.92	155.02	-82.82	1,570.07	9,860.31	933.08	624.60	308.48	3.025	
15,900.00	7,273.93	15,867.62	7,158.35	155.57	156.67	-82.82	1,570.57	9,960.30	932.78	621.01	311.77	2.992	
16,000.00	7,273.70	15,967.62	7,158.20	157.23	158.32	-82.82	1,571.06	10,060.30	932.48	617.41	315.07	2.960	
16,100.00	7,273.48	16,067.62	7,158.05	158.89	159.97	-82.83	1,571.56	10,160.30	932.19	613.82	318.37	2.928	
16,200.00	7,273.26	16,167.61	7,157.91	160.55	161.62	-82.83	1,572.05	10,260.30	931.89	610.22	321.67	2.897	
16,300.00	7,273.03	16,267.61	7,157.76	162.20	163.27	-82.83	1,572.55	10,360.30	931.60	606.63	324.97	2.867	
16,400.00	7,272.81	16,367.61	7,157.62	163.86	164.92	-82.83	1,573.04	10,460.29	931.30	603.03	328.27	2.837	
16,500.00	7,272.59	16,467.61	7,157.47	165.52	166.57	-82.84	1,573.54	10,560.29	931.01	599.43	331.57	2.808	
16,600.00	7,272.36	16,567.61	7,157.33	167.18	168.22	-82.84	1,574.03	10,660.29	930.71	595.83	334.88	2.779	
16,700.00	7,272.14	16,667.61	7,157.18	168.84	169.88	-82.84	1,574.52	10,760.29	930.41	592.24	338.18	2.751	
16,800.00	7,271.92	16,767.61	7,157.03	170.50	171.53	-82.84	1,575.02	10,860.29	930.12	588.64	341.48	2.724	
16,900.00	7,271.69	16,867.61	7,156.89	172.16	173.18	-82.85	1,575.51	10,960.29	929.82	585.04	344.79	2.697	
17,000.00	7,271.47	16,967.61	7,156.74	173.82	174.84	-82.85	1,576.01	11,060.28	929.53	581.44	348.09	2.670	
17,100.00	7,271.25	17,067.61	7,156.60	175.48	176.49	-82.85	1,576.50	11,160.28	929.23	577.84	351.39	2.644	
17,200.00	7,271.02	17,167.61	7,156.45	177.14	178.15	-82.85	1,577.00	11,260.28	928.94	574.24	354.70	2.619	
17,300.00	7,270.80	17,267.61	7,156.31	178.80	179.80	-82.86	1,577.49	11,360.28	928.64	570.63	358.01	2.594	
17,400.00	7,270.58	17,367.61	7,156.16	180.46	181.46	-82.86	1,577.99	11,460.28	928.34	567.03	361.31	2.569	
17,500.00	7,270.35	17,467.61	7,156.01	182.12	183.11	-82.86	1,578.48	11,560.28	928.05	563.43	364.62	2.545	
17,600.00	7,270.13	17,567.61	7,155.87	183.79	184.77	-82.86	1,578.98	11,660.27	927.75	559.83	367.93	2.522	
17,700.00	7,269.91	17,667.61	7,155.72	185.45	186.42	-82.87	1,579.47	11,760.27	927.46	556.22	371.23	2.498	
17,800.00	7,269.68	17,767.61	7,155.58	187.11	188.08	-82.87	1,579.96	11,860.27	927.16	552.62	374.54	2.475	
17,900.00	7,269.46	17,867.61	7,155.43	188.77	189.74	-82.87	1,580.46	11,960.27	926.87	549.02	377.85	2.453	
18,000.00	7,269.24	17,967.61	7,155.29	190.43	191.39	-82.87	1,580.95	12,060.27	926.57	545.41	381.16	2.431	
18,100.00	7,269.02	18,067.61	7,155.14	192.10	193.05	-82.88	1,581.45	12,160.26	926.27	541.81	384.47	2.409	
18,200.00	7,268.79	18,167.61	7,154.99	193.76	194.71	-82.88	1,581.94	12,260.26	925.98	538.20	387.78	2.388	
18,206.76	7,268.78	18,174.36	7,154.98	193.87	194.82	-82.88	1,581.98	12,267.02	925.96	537.96	388.00	2.386 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	0.00	0.00	3.28	3.28	90.22	-5.07	1,299.62	1,299.63					
100.00	100.00	100.00	100.00	3.28	3.28	90.22	-5.07	1,299.62	1,299.63	1,292.10	7.53	172.619		
200.00	200.00	200.00	200.00	3.31	3.31	90.22	-5.07	1,299.62	1,299.63	1,292.05	7.57	171.593		
300.00	300.00	300.00	300.00	3.35	3.35	90.22	-5.07	1,299.62	1,299.63	1,291.96	7.66	169.576		
400.00	399.98	376.91	376.90	3.41	3.40	23.47	-4.29	1,300.30	1,298.91	1,291.14	7.78	167.042		
500.00	499.84	453.82	453.74	3.50	3.46	23.45	-1.98	1,302.36	1,296.78	1,288.86	7.92	163.798		
600.00	599.45	530.70	530.45	3.61	3.54	23.43	1.87	1,305.79	1,293.22	1,285.13	8.09	159.882		
700.00	698.70	607.56	606.97	3.75	3.63	23.39	7.26	1,310.58	1,288.24	1,279.94	8.29	155.363		
800.00	797.47	684.39	683.24	3.91	3.73	23.35	14.18	1,316.73	1,281.84	1,273.31	8.53	150.290		
900.00	895.62	761.17	759.19	4.12	3.85	23.29	22.61	1,324.23	1,274.04	1,265.24	8.80	144.730		
1,000.00	993.32	837.96	834.80	4.36	3.99	23.15	32.57	1,333.08	1,265.92	1,256.81	9.11	138.943		
1,100.00	1,091.01	914.77	910.06	4.63	4.15	22.92	44.04	1,343.28	1,259.58	1,250.13	9.45	133.290		
1,200.00	1,188.69	991.51	984.81	4.93	4.33	22.62	57.00	1,354.81	1,255.07	1,245.25	9.82	127.777		
1,300.00	1,286.38	1,085.60	1,076.05	5.24	4.59	22.19	74.19	1,370.10	1,251.92	1,241.64	10.28	121.767		
1,400.00	1,384.06	1,185.06	1,172.47	5.57	4.90	21.74	92.41	1,386.30	1,248.89	1,238.10	10.79	115.740		
1,500.00	1,481.75	1,284.51	1,268.89	5.92	5.22	21.28	110.63	1,402.50	1,245.95	1,234.62	11.33	110.000		
1,600.00	1,579.44	1,383.96	1,365.31	6.27	5.57	20.82	128.85	1,418.70	1,243.08	1,231.20	11.89	104.587		
1,700.00	1,677.12	1,483.42	1,461.73	6.63	5.93	20.36	147.06	1,434.91	1,240.30	1,227.84	12.46	99.535		
1,800.00	1,774.81	1,582.87	1,558.15	7.01	6.30	19.89	165.28	1,451.11	1,237.60	1,224.55	13.05	94.802		
1,900.00	1,872.49	1,682.32	1,654.56	7.21	6.69	19.43	183.50	1,467.31	1,234.98	1,221.67	13.31	92.766		
2,000.00	1,970.18	1,781.78	1,750.98	7.26	7.08	18.96	201.72	1,483.51	1,232.45	1,218.79	13.66	90.240		
2,100.00	2,067.87	1,881.23	1,847.40	7.33	7.33	18.49	219.94	1,499.71	1,229.99	1,216.27	13.72	89.635		
2,200.00	2,165.55	1,980.68	1,943.82	7.42	7.42	18.02	238.15	1,515.91	1,227.63	1,213.80	13.83	88.768		
2,300.00	2,263.24	2,080.14	2,040.24	7.52	7.50	17.54	256.37	1,532.11	1,225.34	1,211.40	13.94	87.899		
2,400.00	2,360.92	2,179.59	2,136.66	7.64	7.59	17.07	274.59	1,548.32	1,223.14	1,209.06	14.08	86.845		
2,500.00	2,458.61	2,279.04	2,233.08	7.77	7.70	16.59	292.81	1,564.52	1,221.03	1,206.77	14.26	85.624		
2,600.00	2,556.30	2,378.50	2,329.50	7.92	7.83	16.11	311.02	1,580.72	1,219.00	1,204.53	14.47	84.260		
2,700.00	2,653.98	2,477.95	2,425.91	8.08	7.97	15.63	329.24	1,596.92	1,217.06	1,202.36	14.70	82.774		
2,800.00	2,751.67	2,577.40	2,522.33	8.26	8.13	15.15	347.46	1,613.12	1,215.21	1,200.24	14.97	81.190		
2,900.00	2,849.35	2,676.86	2,618.75	8.45	8.31	14.67	365.68	1,629.32	1,213.44	1,198.18	15.26	79.529		
3,000.00	2,947.04	2,776.31	2,715.17	8.65	8.50	14.18	383.90	1,645.52	1,211.76	1,196.18	15.57	77.812		
3,100.00	3,044.72	2,875.76	2,811.59	8.86	8.70	13.70	402.11	1,661.72	1,210.16	1,194.25	15.91	76.058		
3,200.00	3,142.41	2,975.22	2,908.01	9.08	8.91	13.21	420.33	1,677.93	1,208.66	1,192.39	16.27	74.283		
3,300.00	3,240.10	3,074.67	3,004.43	9.31	9.14	12.72	438.55	1,694.13	1,207.24	1,190.59	16.65	72.503		
3,400.00	3,337.78	3,174.12	3,100.84	9.55	9.37	12.23	456.77	1,710.33	1,205.92	1,188.87	17.05	70.730		
3,500.00	3,435.47	3,273.58	3,197.26	9.80	9.62	11.74	474.99	1,726.53	1,204.68	1,187.21	17.47	68.975		
3,600.00	3,533.15	3,373.03	3,293.68	10.05	9.87	11.25	493.20	1,742.73	1,203.53	1,185.63	17.90	67.246		
3,700.00	3,630.84	3,472.48	3,390.10	10.31	10.13	10.76	511.42	1,758.93	1,202.47	1,184.13	18.34	65.549		
3,800.00	3,728.53	3,571.94	3,486.52	10.58	10.40	10.26	529.64	1,775.13	1,201.50	1,182.70	18.81	63.892		
3,900.00	3,826.21	3,671.39	3,582.94	10.85	10.68	9.77	547.86	1,791.34	1,200.62	1,181.34	19.28	62.277		
4,000.00	3,923.90	3,770.84	3,679.36	11.13	10.96	9.28	566.07	1,807.54	1,199.83	1,180.07	19.76	60.708		
4,100.00	4,021.58	3,870.29	3,775.78	11.42	11.25	8.78	584.29	1,823.74	1,199.13	1,178.87	20.26	59.187		
4,200.00	4,119.27	3,969.75	3,872.19	11.70	11.54	8.29	602.51	1,839.94	1,198.53	1,177.76	20.77	57.715		
4,300.00	4,216.96	4,069.20	3,968.61	12.00	11.84	7.79	620.73	1,856.14	1,198.01	1,176.73	21.28	56.292		
4,400.00	4,314.64	4,168.65	4,065.03	12.29	12.15	7.29	638.95	1,872.34	1,197.58	1,175.78	21.81	54.918		
4,500.00	4,412.33	4,268.11	4,161.45	12.59	12.46	6.80	657.16	1,888.54	1,197.25	1,174.91	22.34	53.594		
4,600.00	4,510.01	4,367.56	4,257.87	12.90	12.77	6.30	675.38	1,904.74	1,197.00	1,174.12	22.88	52.318		
4,700.00	4,607.70	4,467.01	4,354.29	13.21	13.09	5.80	693.60	1,920.95	1,196.85	1,173.42	23.43	51.089		
4,800.00	4,705.39	4,566.47	4,450.71	13.52	13.41	5.31	711.82	1,937.15	1,196.79	1,172.81	23.98	49.907		
4,818.44	4,723.40	4,584.81	4,468.49	13.57	13.47	5.21	715.18	1,940.13	1,196.78	1,172.70	24.08	49.694		
4,900.00	4,803.07	4,665.92	4,547.13	13.83	13.73	4.81	730.04	1,953.35	1,196.81	1,172.27	24.54	48.769		
5,000.00	4,900.76	4,765.37	4,643.54	14.14	14.06	4.31	748.25	1,969.55	1,196.93	1,171.83	25.11	47.675		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
5,100.00	4,998.44	4,864.83	4,739.96	14.46	14.39	3.81	766.47	1,985.75	1,197.15	1,171.47	25.68	46.623		
5,200.00	5,096.13	4,964.28	4,836.38	14.78	14.72	3.32	784.69	2,001.95	1,197.45	1,171.19	26.25	45.611		
5,300.00	5,193.82	5,063.73	4,932.80	15.11	15.05	2.82	802.91	2,018.15	1,197.84	1,171.01	26.83	44.638		
5,400.00	5,291.50	5,163.19	5,029.22	15.43	15.39	2.32	821.13	2,034.35	1,198.32	1,170.90	27.42	43.702		
5,500.00	5,389.19	5,262.64	5,125.64	15.76	15.73	1.83	839.34	2,050.56	1,198.90	1,170.89	28.01	42.802		
5,600.00	5,486.87	5,362.09	5,222.06	16.09	16.07	1.33	857.56	2,066.76	1,199.56	1,170.96	28.60	41.936		
5,700.00	5,584.56	5,461.55	5,318.48	16.42	16.41	0.84	875.78	2,082.96	1,200.32	1,171.12	29.20	41.103		
5,800.00	5,682.25	5,561.00	5,414.89	16.75	16.76	0.35	894.00	2,099.16	1,201.17	1,171.36	29.80	40.302		
5,900.00	5,779.93	5,660.45	5,511.31	17.08	17.11	-0.15	912.21	2,115.36	1,202.10	1,171.69	30.41	39.530		
6,000.00	5,877.62	5,759.91	5,607.73	17.42	17.45	-0.64	930.43	2,131.56	1,203.13	1,172.11	31.02	38.788		
6,100.00	5,975.30	5,859.36	5,704.15	17.75	17.80	-1.13	948.65	2,147.76	1,204.24	1,172.61	31.63	38.072		
6,200.00	6,072.99	5,958.81	5,800.57	18.09	18.15	-1.62	966.87	2,163.97	1,205.45	1,173.20	32.25	37.384		
6,300.00	6,170.67	6,058.27	5,896.99	18.43	18.51	-2.11	985.09	2,180.17	1,206.74	1,173.88	32.86	36.720		
6,400.00	6,268.36	6,157.72	5,993.41	18.77	18.86	-2.60	1,003.30	2,196.37	1,208.13	1,174.64	33.48	36.080		
6,500.00	6,366.05	6,306.28	7,215.80	19.11	24.74	-82.26	1,245.21	1,144.07	1,131.96	1,097.81	34.15	33.145		
6,600.00	6,463.73	8,272.11	7,216.24	19.45	24.42	-80.59	1,245.10	1,165.68	1,054.88	1,019.94	34.94	30.191		
6,700.00	6,561.42	8,250.50	7,216.68	19.79	24.22	-78.89	1,245.00	1,187.29	981.47	945.51	35.96	27.297		
6,800.00	6,659.10	8,228.89	7,217.13	20.13	24.02	-77.16	1,244.90	1,208.90	912.60	875.47	37.13	24.578		
6,900.00	6,756.79	8,207.27	7,217.57	20.48	23.82	-75.42	1,244.79	1,230.50	849.40	810.93	38.47	22.078		
7,000.00	6,853.49	8,181.57	7,218.10	20.85	23.59	-85.52	1,244.67	1,256.21	793.73	753.78	39.95	19.868		
7,100.00	6,945.46	8,141.59	7,218.92	21.34	23.25	-91.80	1,244.48	1,296.17	748.46	707.02	41.45	18.059		
7,200.00	7,030.35	8,087.79	7,220.02	21.94	22.81	-93.69	1,244.22	1,349.96	714.48	671.63	42.85	16.674		
7,300.00	7,106.06	8,021.48	7,221.39	22.66	22.31	-93.11	1,243.90	1,416.26	691.27	647.16	44.11	15.672		
7,400.00	7,170.73	7,944.30	7,222.97	23.49	21.79	-91.16	1,243.53	1,493.42	677.14	631.95	45.19	14.985		
7,500.00	7,222.77	7,858.16	7,224.74	24.43	21.34	-88.70	1,243.12	1,579.54	669.62	623.50	46.12	14.520		
7,600.00	7,260.89	7,759.98	7,225.72	25.45	21.11	-86.25	1,242.46	1,677.70	665.96	619.03	46.93	14.189		
7,700.00	7,284.16	7,654.27	7,213.35	26.55	21.13	-83.52	1,239.19	1,782.51	662.96	615.19	47.76	13.880		
7,800.00	7,292.01	7,554.98	7,186.36	27.69	21.23	-80.79	1,233.22	1,877.77	660.15	611.48	48.67	13.563		
7,900.00	7,291.78	7,464.28	7,149.26	28.86	21.32	-77.50	1,225.44	1,960.08	658.58	608.94	49.65	13.265		
7,900.46	7,291.78	7,463.89	7,149.08	28.86	21.32	-77.49	1,225.40	1,960.43	658.58	608.93	49.65	13.264 CC, ES		
8,000.00	7,291.56	7,385.78	7,108.15	30.07	21.39	-73.86	1,217.04	2,026.36	660.92	610.29	50.63	13.054		
8,100.00	7,291.34	7,319.11	7,067.15	31.33	21.43	-70.26	1,208.78	2,078.25	669.42	617.92	51.50	12.999 SF		
8,200.00	7,291.11	7,262.93	7,028.62	32.62	21.46	-66.94	1,201.09	2,118.38	685.76	633.60	52.17	13.146		
8,300.00	7,290.89	7,215.64	6,993.59	33.95	21.47	-63.99	1,194.15	2,149.36	710.87	658.29	52.59	13.518		
8,400.00	7,290.67	7,175.71	6,962.31	35.30	21.47	-61.42	1,187.99	2,173.40	744.94	692.18	52.76	14.120		
8,500.00	7,290.44	7,141.78	6,934.62	36.69	21.47	-59.20	1,182.55	2,192.22	787.57	734.85	52.72	14.938		
8,600.00	7,290.22	7,112.76	6,910.18	38.09	21.46	-57.29	1,177.77	2,207.11	838.00	785.47	52.52	15.954		
8,700.00	7,290.00	7,087.76	6,888.59	39.51	21.45	-55.65	1,173.56	2,219.02	895.29	843.07	52.22	17.144		
8,800.00	7,289.78	7,066.04	6,869.49	40.96	21.44	-54.23	1,169.84	2,228.65	958.49	906.63	51.86	18.482		
8,900.00	7,289.55	7,050.00	6,855.18	42.42	21.43	-53.18	1,167.05	2,235.33	1,026.71	975.20	51.51	19.932		
9,000.00	7,289.33	7,030.34	6,837.42	43.89	21.42	-51.91	1,163.60	2,243.02	1,099.13	1,048.05	51.08	21.517		
9,100.00	7,289.11	7,015.54	6,823.89	45.38	21.40	-50.96	1,160.98	2,248.44	1,175.11	1,124.40	50.71	23.175		
9,200.00	7,288.88	7,000.00	6,809.57	46.88	21.39	-49.98	1,158.21	2,253.78	1,254.07	1,203.74	50.33	24.918		
9,300.00	7,288.66	7,000.00	6,809.57	48.39	21.39	-49.98	1,158.21	2,253.78	1,335.62	1,285.49	50.13	26.645		
9,400.00	7,288.44	6,979.87	6,790.83	49.91	21.37	-48.72	1,154.58	2,260.18	1,419.10	1,369.38	49.72	28.540		
9,500.00	7,288.21	6,970.23	6,781.79	51.44	21.35	-48.12	1,152.84	2,263.02	1,504.48	1,455.03	49.45	30.423		
9,600.00	7,287.99	6,950.00	6,762.68	52.98	21.33	-46.88	1,149.15	2,268.53	1,591.54	1,542.44	49.09	32.418		
9,700.00	7,287.77	6,950.00	6,762.68	54.53	21.33	-46.88	1,149.15	2,268.53	1,679.65	1,630.70	48.95	34.311		
9,800.00	7,287.54	6,950.00	6,762.68	56.09	21.33	-46.88	1,149.15	2,268.53	1,769.03	1,720.20	48.83	36.232		
9,900.00	7,287.32	6,950.00	6,762.68	57.65	21.33	-46.88	1,149.15	2,268.53	1,859.49	1,810.78	48.71	38.176		
10,000.00	7,287.10	6,950.00	6,762.68	59.21	21.33	-46.88	1,149.15	2,268.53	1,950.88	1,902.28	48.60	40.139		
10,100.00	7,286.87	6,927.51	6,741.24	60.79	21.30	-45.53	1,145.02	2,273.94	2,042.58	1,994.26	48.32	42.272		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 32C-6-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,286.65	6,922.20	6,736.15	62.36	21.29	-45.22	1,144.04	2,275.10	2,135.22	2,087.02	48.20	44.300	
10,300.00	7,286.43	6,900.00	6,714.78	63.95	21.26	-43.92	1,139.94	2,279.49	2,228.74	2,180.78	47.95	46.477	
10,400.00	7,286.20	6,900.00	6,714.78	65.53	21.26	-43.92	1,139.94	2,279.49	2,322.35	2,274.45	47.90	48.481	
10,500.00	7,285.98	6,900.00	6,714.78	67.12	21.26	-43.92	1,139.94	2,279.49	2,416.47	2,368.61	47.86	50.492	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 32N-6A-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	1.00	-1.00	3.28	3.28	90.21	-4.70	1,279.57	1,279.58				
100.00	100.00	101.00	99.00	3.28	3.28	90.21	-4.70	1,279.57	1,279.58	1,272.05	7.53	169.954	
200.00	200.00	201.00	199.00	3.31	3.31	90.21	-4.70	1,279.57	1,279.58	1,272.00	7.57	168.938	
300.00	300.00	282.25	282.24	3.35	3.34	90.19	-4.27	1,279.95	1,280.06	1,272.41	7.65	167.248	
400.00	399.98	359.57	359.52	3.41	3.39	23.37	-2.32	1,281.65	1,280.66	1,272.89	7.76	164.999	
500.00	499.84	436.84	436.65	3.50	3.45	23.29	1.20	1,284.72	1,279.82	1,271.92	7.90	162.025	
600.00	599.45	514.06	513.57	3.61	3.53	23.20	6.27	1,289.15	1,277.56	1,269.49	8.07	158.342	
700.00	698.70	591.22	590.23	3.75	3.62	23.10	12.91	1,294.94	1,273.87	1,265.60	8.27	154.012	
800.00	797.47	668.31	666.54	3.91	3.72	22.99	21.09	1,302.08	1,268.77	1,260.26	8.51	149.085	
900.00	895.62	745.31	742.46	4.12	3.85	22.86	30.80	1,310.56	1,262.26	1,253.47	8.79	143.645	
1,000.00	993.32	822.26	817.94	4.36	4.00	22.65	42.03	1,320.36	1,255.44	1,246.34	9.10	137.950	
1,100.00	1,091.01	900.00	893.77	4.63	4.18	22.36	54.93	1,331.62	1,250.41	1,240.97	9.45	132.334	
1,200.00	1,188.69	975.87	967.30	4.93	4.38	22.00	69.01	1,343.91	1,247.26	1,237.43	9.83	126.909	
1,300.00	1,286.38	1,074.13	1,062.18	5.24	4.67	21.49	88.28	1,360.73	1,245.19	1,234.87	10.32	120.698	
1,400.00	1,384.06	1,173.47	1,158.09	5.57	5.00	20.97	107.76	1,377.74	1,243.22	1,232.38	10.84	114.681	
1,500.00	1,481.75	1,272.81	1,254.00	5.92	5.35	20.45	127.24	1,394.74	1,241.35	1,229.96	11.39	108.971	
1,600.00	1,579.44	1,372.15	1,349.91	6.27	5.72	19.93	146.73	1,411.75	1,239.59	1,227.63	11.96	103.610	
1,700.00	1,677.12	1,471.48	1,445.83	6.63	6.10	19.41	166.21	1,428.76	1,237.94	1,225.38	12.55	98.613	
1,800.00	1,774.81	1,570.82	1,541.74	7.01	6.50	18.88	185.69	1,445.76	1,236.38	1,223.22	13.16	93.957	
1,900.00	1,872.49	1,670.16	1,637.65	7.21	6.91	18.36	205.18	1,462.77	1,234.94	1,221.51	13.43	91.962	
2,000.00	1,970.18	1,769.50	1,733.56	7.26	7.32	17.83	224.66	1,479.77	1,233.59	1,219.81	13.79	89.487	
2,100.00	2,067.87	1,868.83	1,829.48	7.33	7.61	17.30	244.14	1,496.78	1,232.36	1,218.48	13.88	88.809	
2,200.00	2,165.55	1,968.17	1,925.39	7.42	7.73	16.78	263.62	1,513.79	1,231.23	1,217.23	14.00	87.927	
2,300.00	2,263.24	2,067.51	2,021.30	7.52	7.81	16.25	283.11	1,530.79	1,230.20	1,216.09	14.11	87.184	
2,400.00	2,360.92	2,166.85	2,117.21	7.64	7.91	15.72	302.59	1,547.80	1,229.29	1,215.04	14.25	86.255	
2,500.00	2,458.61	2,266.18	2,213.13	7.77	8.02	15.19	322.07	1,564.81	1,228.48	1,214.05	14.43	85.160	
2,600.00	2,556.30	2,365.52	2,309.04	7.92	8.15	14.65	341.56	1,581.81	1,227.77	1,213.14	14.63	83.919	
2,700.00	2,653.98	2,464.86	2,404.95	8.08	8.30	14.12	361.04	1,598.82	1,227.18	1,212.31	14.87	82.554	
2,800.00	2,751.67	2,564.20	2,500.86	8.26	8.47	13.59	380.52	1,615.83	1,226.69	1,211.56	15.13	81.086	
2,900.00	2,849.35	2,663.54	2,596.77	8.45	8.65	13.06	400.01	1,632.83	1,226.31	1,210.89	15.42	79.538	
3,000.00	2,947.04	2,762.87	2,692.69	8.65	8.84	12.52	419.49	1,649.84	1,226.03	1,210.30	15.73	77.929	
3,100.00	3,044.72	2,862.21	2,788.60	8.86	9.05	11.99	438.97	1,666.84	1,225.87	1,209.80	16.07	76.277	
3,200.00	3,142.41	2,961.55	2,884.51	9.08	9.27	11.46	458.45	1,683.85	1,225.81	1,209.38	16.43	74.601	
3,204.40	3,146.71	2,965.92	2,888.73	9.09	9.28	11.43	459.31	1,684.60	1,225.81	1,209.36	16.45	74.526	
3,300.00	3,240.10	3,060.89	2,980.42	9.31	9.50	10.92	477.94	1,700.86	1,225.86	1,209.04	16.81	72.913	
3,400.00	3,337.78	3,160.22	3,076.34	9.55	9.74	10.39	497.42	1,717.86	1,226.01	1,208.80	17.21	71.228	
3,500.00	3,435.47	3,259.56	3,172.25	9.80	10.00	9.86	516.90	1,734.87	1,226.28	1,208.65	17.63	69.555	
3,600.00	3,533.15	3,358.90	3,268.16	10.05	10.26	9.32	536.39	1,751.88	1,226.65	1,208.59	18.06	67.904	
3,700.00	3,630.84	3,458.24	3,364.07	10.31	10.53	8.79	555.87	1,768.88	1,227.13	1,208.62	18.51	66.282	
3,800.00	3,728.53	3,557.57	3,459.99	10.58	10.80	8.26	575.35	1,785.89	1,227.72	1,208.74	18.98	64.694	
3,900.00	3,826.21	3,656.91	3,555.90	10.85	11.09	7.73	594.84	1,802.89	1,228.41	1,208.96	19.45	63.145	
4,000.00	3,923.90	3,756.25	3,651.81	11.13	11.38	7.20	614.32	1,819.90	1,229.21	1,209.27	19.94	61.638	
4,100.00	4,021.58	3,855.59	3,747.72	11.42	11.68	6.67	633.80	1,836.91	1,230.12	1,209.68	20.44	60.175	
4,200.00	4,119.27	3,954.93	3,843.63	11.70	11.98	6.14	653.28	1,853.91	1,231.13	1,210.18	20.95	58.757	
4,300.00	4,216.96	4,054.26	3,939.55	12.00	12.29	5.61	672.77	1,870.92	1,232.25	1,210.78	21.47	57.386	
4,400.00	4,314.64	4,153.60	4,035.46	12.29	12.60	5.08	692.25	1,887.93	1,233.48	1,211.48	22.00	56.062	
4,500.00	4,412.33	4,252.94	4,131.37	12.59	12.92	4.55	711.73	1,904.93	1,234.81	1,212.27	22.54	54.784	
4,600.00	4,510.01	4,352.28	4,227.28	12.90	13.24	4.03	731.22	1,921.94	1,236.25	1,213.17	23.08	53.552	
4,700.00	4,607.70	4,451.61	4,323.20	13.21	13.57	3.50	750.70	1,938.94	1,237.79	1,214.16	23.64	52.366	
4,800.00	4,705.39	4,550.95	4,419.11	13.52	13.90	2.98	770.18	1,955.95	1,239.44	1,215.25	24.20	51.223	
4,900.00	4,803.07	4,650.29	4,515.02	13.83	14.23	2.46	789.67	1,972.96	1,241.19	1,216.43	24.76	50.123	
5,000.00	4,900.76	4,749.63	4,610.93	14.14	14.57	1.94	809.15	1,989.96	1,243.05	1,217.71	25.33	49.065	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 32N-6A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	4,848.96	4,706.85	14.46	14.91	1.42	828.63	2,006.97	1,245.01	1,219.10	25.91	48.047		
5,200.00	5,096.13	4,948.30	4,802.76	14.78	15.25	0.91	848.11	2,023.98	1,247.07	1,220.57	26.50	47.067		
5,300.00	5,193.82	5,047.64	4,898.67	15.11	15.60	0.39	867.60	2,040.98	1,249.23	1,222.15	27.08	46.125		
5,400.00	5,291.50	5,146.98	4,994.58	15.43	15.94	-0.12	887.08	2,057.99	1,251.50	1,223.82	27.68	45.219		
5,500.00	5,389.19	5,246.32	5,090.50	15.76	16.29	-0.63	906.56	2,074.99	1,253.87	1,225.59	28.27	44.348		
5,600.00	5,486.87	5,345.65	5,186.41	16.09	16.64	-1.14	926.05	2,092.00	1,256.33	1,227.46	28.88	43.509		
5,700.00	5,584.56	5,444.99	5,282.32	16.42	17.00	-1.65	945.53	2,109.01	1,258.90	1,229.42	29.48	42.702		
5,800.00	5,682.25	5,544.33	5,378.23	16.75	17.35	-2.15	965.01	2,126.01	1,261.57	1,231.48	30.09	41.926		
5,900.00	5,779.93	5,643.67	5,474.14	17.08	17.71	-2.66	984.49	2,143.02	1,264.33	1,233.63	30.70	41.178		
6,000.00	5,877.62	5,743.00	5,570.06	17.42	18.07	-3.16	1,003.98	2,160.03	1,267.20	1,235.88	31.32	40.459		
6,100.00	5,975.30	5,832.87	5,662.49	17.75	18.42	-3.75	1,023.19	2,177.05	1,270.05	1,237.21	31.94	39.778		
6,200.00	6,072.99	5,932.59	5,754.09	18.09	18.77	-4.32	1,042.67	2,194.08	1,272.90	1,239.22	32.56	39.131		
6,300.00	6,170.67	6,032.26	5,845.68	18.43	19.07	-4.86	1,062.35	2,211.12	1,275.80	1,241.23	33.17	38.518		
6,400.00	6,268.36	6,130.94	5,937.27	18.77	19.37	-5.37	1,082.14	2,228.17	1,278.70	1,243.24	33.78	37.938		
6,500.00	6,366.05	6,228.63	6,028.86	19.11	19.67	-5.85	1,102.13	2,245.22	1,281.60	1,245.25	34.38	37.389		
6,600.00	6,463.73	6,326.31	6,120.45	19.45	19.97	-6.30	1,122.32	2,262.27	1,284.50	1,247.26	34.98	36.870		
6,700.00	6,561.42	6,424.00	6,212.04	19.79	20.27	-6.72	1,142.81	2,279.32	1,287.40	1,249.27	35.58	36.380		
6,800.00	6,659.10	6,521.68	6,303.63	20.13	20.57	-7.11	1,163.50	2,296.37	1,290.30	1,251.28	36.17	35.919		
6,900.00	6,756.79	6,619.37	6,395.22	20.48	20.87	-7.47	1,184.49	2,313.42	1,293.20	1,253.29	36.76	35.486		
7,000.00	6,854.48	6,717.06	6,486.81	20.85	21.17	-7.80	1,205.78	2,330.47	1,296.10	1,255.30	37.35	35.079		
7,100.00	6,952.16	6,814.75	6,578.40	21.24	21.47	-8.11	1,227.37	2,347.52	1,299.00	1,257.31	37.94	34.696		
7,183.25	7,016.71	6,883.30	6,650.21	21.84	22.52	-81.01	1,286.24	1,340.00	735.02	689.97	45.05	16.316	CC, ES	
7,200.00	7,030.35	6,896.94	6,663.85	21.94	22.62	-80.68	1,286.28	1,350.01	735.14	690.01	45.13	16.289		
7,300.00	7,106.06	6,972.65	6,739.56	22.66	23.34	-77.75	1,286.52	1,416.81	740.14	694.62	45.53	16.258	SF	
7,400.00	7,170.73	7,036.32	6,804.23	23.49	24.17	-73.99	1,286.80	1,494.39	749.99	704.24	45.75	16.394		
7,500.00	7,222.77	7,088.36	6,856.63	24.43	25.11	-70.31	1,287.11	1,580.85	761.28	715.34	45.94	16.571		
7,600.00	7,260.89	7,126.48	6,895.03	25.45	26.13	-67.48	1,287.25	1,665.95	771.29	725.02	46.27	16.671		
7,700.00	7,284.16	7,149.75	6,918.30	26.55	27.23	-65.24	1,285.86	1,740.48	779.94	733.19	46.75	16.684		
7,800.00	7,292.01	7,157.60	6,926.15	27.69	28.37	-63.26	1,282.83	1,812.07	786.97	739.64	47.32	16.630		
7,900.00	7,291.78	7,156.37	6,925.92	28.86	29.54	-61.75	1,278.46	1,877.99	794.94	747.00	47.95	16.580		
8,000.00	7,291.56	7,156.15	6,925.70	30.07	30.75	-59.92	1,273.08	1,937.59	807.45	758.93	48.52	16.641		
8,100.00	7,291.34	7,155.93	6,925.48	31.33	32.01	-57.97	1,267.23	1,988.51	825.25	776.22	49.04	16.830		
8,200.00	7,291.11	7,155.70	6,925.25	32.62	33.30	-56.01	1,261.23	2,031.74	848.94	799.48	49.46	17.165		
8,300.00	7,290.89	7,155.48	6,925.03	33.95	34.63	-54.12	1,255.30	2,068.05	878.86	829.09	49.77	17.658		
8,400.00	7,290.67	7,155.26	6,924.81	35.30	35.98	-52.36	1,249.62	2,098.36	915.13	865.15	49.98	18.309		
8,500.00	7,290.44	7,155.03	6,924.58	36.69	37.37	-50.81	1,244.44	2,122.83	957.59	907.48	50.11	19.110		
8,600.00	7,290.22	7,154.81	6,924.36	38.09	38.77	-49.29	1,239.29	2,144.69	1,005.91	955.79	50.13	20.067		
8,700.00	7,290.00	7,154.59	6,924.14	39.51	40.19	-47.98	1,234.70	2,162.32	1,059.67	1,009.57	50.09	21.154		
8,800.00	7,289.78	7,154.37	6,923.92	40.96	41.64	-46.27	1,228.53	2,183.59	1,118.48	1,068.61	49.87	22.426		
8,900.00	7,289.55	7,154.15	6,923.70	42.42	43.10	-46.27	1,228.53	2,183.59	1,181.55	1,131.54	50.01	23.626		
9,000.00	7,289.33	7,153.93	6,923.48	43.89	44.57	-44.82	1,223.09	2,200.24	1,248.40	1,198.66	49.75	25.095		
9,100.00	7,289.11	7,153.71	6,923.26	45.38	46.06	-43.99	1,219.92	2,209.12	1,318.83	1,269.23	49.60	26.590		
9,200.00	7,288.88	7,153.49	6,923.04	46.88	47.56	-43.21	1,216.89	2,217.06	1,392.27	1,342.84	49.43	28.164		
9,300.00	7,288.66	7,153.27	6,922.82	48.39	49.07	-42.53	1,214.16	2,223.77	1,468.37	1,419.09	49.28	29.799		
9,400.00	7,288.44	7,153.05	6,922.60	49.91	50.59	-41.73	1,210.94	2,231.19	1,546.79	1,497.71	49.08	31.513		
9,500.00	7,288.21	7,152.83	6,922.38	51.44	52.12	-41.73	1,210.94	2,231.19	1,627.30	1,578.24	49.05	33.175		
9,600.00	7,287.99	7,152.61	6,922.16	52.98	53.66	-40.83	1,207.23	2,239.09	1,709.45	1,660.62	48.83	35.006		
9,700.00	7,287.77	7,152.39	6,921.94	54.53	55.21	-40.37	1,205.26	2,243.00	1,793.26	1,744.56	48.70	36.821		
9,800.00	7,287.54	7,152.17	6,921.72	56.09	56.77	-39.53	1,201.65	2,249.68	1,878.54	1,830.04	48.50	38.730		
9,900.00	7,287.32	7,151.95	6,921.50	57.65	58.33	-39.53	1,201.65	2,249.68	1,964.88	1,916.41	48.47	40.539		
10,000.00	7,287.10	7,151.73	6,921.28	59.21	59.89	-39.53	1,201.65	2,249.68	2,052.45	2,004.02	48.43	42.377		
10,100.00	7,286.87	7,151.51	6,921.06	60.79	61.47	-39.53	1,201.65	2,249.68	2,141.12	2,092.72	48.40	44.238		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 32N-6A-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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,286.65	6,727.20	6,521.24	62.36	21.22	-38.54	1,197.32	2,256.89	2,230.24	2,182.04	48.20	46.272	
10,300.00	7,286.43	6,720.47	6,514.94	63.95	21.21	-38.26	1,196.04	2,258.87	2,320.38	2,272.25	48.13	48.214	
10,400.00	7,286.20	6,700.00	6,495.65	65.53	21.19	-37.39	1,192.10	2,264.47	2,411.41	2,363.45	47.96	50.277	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 32N-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)	+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	90.22	-5.06	1,319.66	1,319.67				
100.00	100.00	100.00	100.00	3.28	3.28	90.22	-5.06	1,319.66	1,319.67	1,312.14	7.53	175.282	
200.00	200.00	200.00	200.00	3.31	3.31	90.22	-5.06	1,319.66	1,319.67	1,312.10	7.57	174.239	
300.00	300.00	278.28	278.27	3.35	3.34	90.18	-4.21	1,320.31	1,320.49	1,312.84	7.65	172.581	
400.00	399.98	356.50	356.42	3.41	3.39	23.34	-1.66	1,322.24	1,321.36	1,313.60	7.76	170.290	
500.00	499.84	434.65	434.39	3.50	3.45	23.23	2.59	1,325.47	1,320.68	1,312.78	7.90	167.222	
600.00	599.45	512.71	512.09	3.61	3.53	23.11	8.52	1,329.97	1,318.45	1,310.38	8.07	163.391	
700.00	698.70	590.67	589.46	3.75	3.62	22.97	16.12	1,335.74	1,314.68	1,306.40	8.28	158.858	
800.00	797.47	668.51	666.42	3.91	3.73	22.81	25.38	1,342.77	1,309.38	1,300.86	8.52	153.681	
900.00	895.62	746.21	742.91	4.12	3.86	22.64	36.29	1,351.05	1,302.56	1,293.76	8.80	147.952	
1,000.00	993.32	823.80	818.88	4.36	4.02	22.38	48.82	1,360.56	1,295.33	1,286.21	9.13	141.941	
1,100.00	1,091.01	900.00	893.06	4.63	4.20	22.05	62.72	1,371.11	1,289.79	1,280.31	9.48	136.090	
1,200.00	1,188.69	981.95	968.52	4.93	4.42	21.63	78.58	1,383.14	1,286.03	1,276.15	9.88	130.129	
1,300.00	1,286.38	1,077.14	1,063.96	5.24	4.72	21.04	99.81	1,399.25	1,283.28	1,272.90	10.38	123.669	
1,400.00	1,384.06	1,176.24	1,159.41	5.57	5.06	20.46	121.03	1,415.36	1,280.66	1,269.75	10.91	117.353	
1,500.00	1,481.75	1,275.33	1,254.85	5.92	5.42	19.87	142.26	1,431.47	1,278.18	1,266.70	11.48	111.379	
1,600.00	1,579.44	1,374.42	1,350.29	6.27	5.80	19.28	163.49	1,447.58	1,275.83	1,263.77	12.06	105.800	
1,700.00	1,677.12	1,473.51	1,445.73	6.63	6.19	18.69	184.71	1,463.69	1,273.63	1,260.97	12.66	100.591	
1,800.00	1,774.81	1,572.60	1,541.17	7.01	6.60	18.10	205.94	1,479.80	1,271.56	1,258.28	13.28	95.764	
1,900.00	1,872.49	1,671.69	1,636.61	7.21	7.01	17.50	227.17	1,495.91	1,269.63	1,256.07	13.56	93.637	
2,000.00	1,970.18	1,770.78	1,732.05	7.26	7.44	16.91	248.39	1,512.02	1,267.84	1,253.92	13.93	91.039	
2,100.00	2,067.87	1,869.87	1,827.49	7.33	7.73	16.31	269.62	1,528.13	1,266.20	1,252.17	14.02	90.296	
2,200.00	2,165.55	1,968.96	1,922.93	7.42	7.85	15.71	290.84	1,544.24	1,264.69	1,250.54	14.15	89.378	
2,300.00	2,263.24	2,068.05	2,018.37	7.52	7.93	15.11	312.07	1,560.35	1,263.32	1,249.06	14.26	88.602	
2,400.00	2,360.92	2,167.14	2,113.81	7.64	8.03	14.50	333.30	1,576.46	1,262.10	1,247.70	14.40	87.641	
2,500.00	2,458.61	2,266.24	2,209.25	7.77	8.15	13.90	354.52	1,592.57	1,261.02	1,246.44	14.58	86.515	
2,600.00	2,556.30	2,365.33	2,304.69	7.92	8.29	13.30	375.75	1,608.68	1,260.08	1,245.30	14.78	85.245	
2,700.00	2,653.98	2,464.42	2,400.13	8.08	8.44	12.69	396.98	1,624.79	1,259.28	1,244.27	15.02	83.852	
2,800.00	2,751.67	2,563.51	2,495.57	8.26	8.61	12.08	418.20	1,640.90	1,258.63	1,243.35	15.28	82.358	
2,900.00	2,849.35	2,662.60	2,591.01	8.45	8.79	11.48	439.43	1,657.01	1,258.12	1,242.55	15.57	80.786	
3,000.00	2,947.04	2,761.69	2,686.46	8.65	8.99	10.87	460.66	1,673.12	1,257.76	1,241.87	15.89	79.155	
3,100.00	3,044.72	2,860.78	2,781.90	8.86	9.20	10.26	481.88	1,689.23	1,257.54	1,241.31	16.23	77.483	
3,200.00	3,142.41	2,959.87	2,877.34	9.08	9.43	9.66	503.11	1,705.34	1,257.46	1,240.87	16.59	75.788	
3,203.62	3,145.95	2,963.46	2,880.80	9.09	9.44	9.63	503.88	1,705.93	1,257.46	1,240.85	16.61	75.726	
3,300.00	3,240.10	3,058.96	2,972.78	9.31	9.66	9.05	524.33	1,721.45	1,257.53	1,240.55	16.97	74.083	
3,400.00	3,337.78	3,158.05	3,068.22	9.55	9.91	8.44	545.56	1,737.56	1,257.74	1,240.36	17.38	72.383	
3,500.00	3,435.47	3,257.14	3,163.66	9.80	10.16	7.83	566.79	1,753.67	1,258.09	1,240.30	17.80	70.696	
3,600.00	3,533.15	3,356.23	3,259.10	10.05	10.43	7.23	588.01	1,769.78	1,258.59	1,240.36	18.23	69.033	
3,700.00	3,630.84	3,455.33	3,354.54	10.31	10.70	6.62	609.24	1,785.89	1,259.23	1,240.55	18.68	67.399	
3,800.00	3,728.53	3,554.42	3,449.98	10.58	10.99	6.02	630.47	1,802.00	1,260.02	1,240.87	19.15	65.802	
3,900.00	3,826.21	3,653.51	3,545.42	10.85	11.27	5.41	651.69	1,818.11	1,260.95	1,241.32	19.63	64.244	
4,000.00	3,923.90	3,752.60	3,640.86	11.13	11.57	4.81	672.92	1,834.22	1,262.02	1,241.90	20.12	62.729	
4,100.00	4,021.58	3,851.69	3,736.30	11.42	11.87	4.21	694.15	1,850.33	1,263.23	1,242.61	20.62	61.260	
4,200.00	4,119.27	3,950.78	3,831.74	11.70	12.18	3.60	715.37	1,866.44	1,264.58	1,243.45	21.13	59.837	
4,300.00	4,216.96	4,049.87	3,927.18	12.00	12.49	3.00	736.60	1,882.55	1,266.08	1,244.42	21.66	58.462	
4,400.00	4,314.64	4,148.96	4,022.62	12.29	12.81	2.41	757.83	1,898.66	1,267.72	1,245.53	22.19	57.134	
4,500.00	4,412.33	4,248.05	4,118.06	12.59	13.13	1.81	779.05	1,914.77	1,269.50	1,246.77	22.73	55.854	
4,600.00	4,510.01	4,347.14	4,213.50	12.90	13.46	1.21	800.28	1,930.88	1,271.42	1,248.14	23.28	54.620	
4,700.00	4,607.70	4,446.23	4,308.95	13.21	13.79	0.62	821.50	1,946.99	1,273.47	1,249.64	23.83	53.432	
4,800.00	4,705.39	4,545.32	4,404.39	13.52	14.13	0.03	842.73	1,963.10	1,275.67	1,251.27	24.40	52.289	
4,900.00	4,803.07	4,644.42	4,499.83	13.83	14.46	-0.56	863.96	1,979.21	1,278.00	1,253.04	24.97	51.190	
5,000.00	4,900.76	4,743.51	4,595.27	14.14	14.80	-1.15	885.18	1,995.32	1,280.47	1,254.93	25.54	50.132	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 32N-6B-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	4,842.60	4,690.71	14.46	15.15	-1.73	906.41	2,011.43	1,283.08	1,256.96	26.12	49.116		
5,200.00	5,096.13	4,941.69	4,786.15	14.78	15.50	-2.32	927.64	2,027.54	1,285.82	1,259.11	26.71	48.139		
5,300.00	5,193.82	5,040.78	4,881.59	15.11	15.84	-2.90	948.86	2,043.65	1,288.70	1,261.40	27.30	47.200		
5,400.00	5,291.50	5,139.87	4,977.03	15.43	16.20	-3.47	970.09	2,059.76	1,291.71	1,263.81	27.90	46.297		
5,500.00	5,389.19	5,238.96	5,072.47	15.76	16.55	-4.05	991.32	2,075.87	1,294.86	1,266.35	28.50	45.430		
5,600.00	5,486.87	5,338.05	5,167.91	16.09	16.91	-4.62	1,012.54	2,091.98	1,298.13	1,269.02	29.11	44.595		
5,700.00	5,584.56	5,437.14	5,263.35	16.42	17.27	-5.19	1,033.77	2,108.09	1,301.54	1,271.82	29.72	43.793		
5,800.00	5,682.25	5,536.23	5,358.79	16.75	17.63	-5.76	1,054.99	2,124.20	1,305.08	1,274.74	30.34	43.022		
5,900.00	5,779.93	5,635.32	5,454.23	17.08	17.99	-6.32	1,076.22	2,140.31	1,308.74	1,277.79	30.95	42.280		
6,000.00	5,877.62	5,734.42	5,549.67	17.42	18.35	-6.88	1,097.45	2,156.42	1,312.53	1,280.96	31.58	41.566		
6,100.00	5,975.30	5,833.51	5,645.11	17.75	18.72	-7.44	1,118.67	2,172.53	1,316.45	1,284.25	32.20	40.880		
6,200.00	6,072.99	5,932.60	5,740.55	18.09	19.08	-7.99	1,139.90	2,188.64	1,320.50	1,287.66	32.83	40.219		
6,300.00	6,170.67	6,032.91	5,740.28	18.43	25.63	-79.89	1,447.32	1,096.79	1,323.45	1,288.56	34.89	37.929		
6,400.00	6,268.36	6,235.69	5,704.88	18.77	25.41	-78.56	1,447.27	1,119.01	1,252.61	1,216.84	35.77	35.016		
6,500.00	6,366.05	6,213.47	5,705.47	19.11	25.18	-77.22	1,447.22	1,141.22	1,185.55	1,148.80	36.76	32.253		
6,600.00	6,463.73	6,208.75	5,706.06	19.45	25.14	-75.86	1,447.17	1,163.43	1,122.97	1,084.99	37.98	29.565		
6,700.00	6,561.42	6,169.03	5,706.65	19.79	24.76	-74.41	1,447.12	1,185.65	1,065.65	1,026.58	39.06	27.280		
6,800.00	6,659.10	6,146.81	5,707.24	20.13	24.55	-73.11	1,447.07	1,207.86	1,014.47	974.13	40.35	25.144		
6,900.00	6,756.79	6,124.58	5,707.83	20.48	24.34	-71.73	1,447.02	1,230.08	970.42	928.76	41.66	23.292		
7,000.00	6,853.49	6,101.73	5,708.53	20.85	24.13	-80.43	1,446.96	1,256.38	934.81	891.84	42.96	21.757		
7,100.00	6,945.46	6,057.73	5,709.61	21.34	23.75	-85.23	1,446.87	1,296.91	909.06	864.97	44.09	20.616		
7,200.00	7,030.35	6,003.40	5,708.05	21.94	23.28	-86.16	1,446.75	1,351.22	892.81	847.76	45.05	19.820		
7,300.00	7,106.06	5,936.62	5,708.82	22.66	22.75	-85.08	1,446.60	1,417.97	884.59	838.75	45.84	19.299		
7,400.00	7,170.73	5,859.05	5,708.89	23.49	22.18	-82.99	1,446.43	1,495.51	882.21	835.72	46.48	18.980		
7,408.57	7,175.71	5,851.96	5,708.07	23.57	22.14	-82.79	1,446.41	1,502.60	882.20	835.66	46.54	18.957 CC, ES		
7,500.00	7,222.77	5,772.59	5,708.18	24.43	21.74	-80.64	1,446.23	1,581.94	883.21	836.14	47.07	18.764		
7,600.00	7,260.89	5,678.46	5,708.17	25.45	21.78	-78.59	1,445.91	1,676.04	885.27	837.60	47.67	18.571		
7,700.00	7,284.16	5,582.83	5,708.94	26.55	21.94	-76.67	1,443.28	1,771.19	886.67	838.31	48.35	18.338		
7,800.00	7,292.01	5,491.50	5,706.19	27.69	22.08	-74.85	1,437.91	1,859.89	887.05	837.94	49.12	18.060		
7,809.22	7,292.01	5,483.29	5,705.71	27.79	22.09	-74.68	1,437.29	1,867.70	887.05	837.85	49.19	18.031		
7,900.00	7,291.78	5,406.37	5,702.87	28.86	22.19	-72.84	1,430.48	1,939.03	887.91	837.95	49.96	17.772		
8,000.00	7,291.56	5,330.75	6,994.50	30.07	22.27	-70.50	1,422.02	2,005.28	891.83	840.98	50.85	17.538		
8,100.00	7,291.34	5,264.92	6,957.65	31.33	22.32	-68.09	1,413.33	2,059.10	900.19	848.46	51.72	17.403		
8,200.00	7,291.11	5,208.23	6,921.72	32.62	22.36	-65.76	1,404.94	2,102.10	914.15	861.61	52.53	17.401 SF		
8,300.00	7,290.89	5,159.64	6,888.04	33.95	22.37	-63.62	1,397.12	2,136.22	934.51	881.28	53.23	17.555		
8,400.00	7,290.67	5,117.99	6,857.21	35.30	22.37	-61.69	1,390.00	2,163.31	961.70	907.90	53.80	17.875		
8,500.00	7,290.44	5,082.18	6,829.37	36.69	22.37	-59.98	1,383.59	2,184.90	995.77	941.55	54.22	18.365		
8,600.00	7,290.22	5,050.00	6,803.38	38.09	22.36	-58.41	1,377.63	2,202.90	1,036.53	982.04	54.49	19.022		
8,700.00	7,290.00	5,024.36	6,782.06	39.51	22.35	-57.14	1,372.75	2,216.26	1,083.56	1,028.89	54.66	19.823		
8,800.00	7,289.78	5,000.00	6,761.32	40.96	22.34	-55.93	1,368.01	2,228.13	1,136.34	1,081.63	54.70	20.772		
8,900.00	7,289.55	6,980.24	6,744.18	42.42	22.32	-54.94	1,364.10	2,237.16	1,194.29	1,139.61	54.68	21.841		
9,000.00	7,289.33	6,950.00	6,717.45	43.89	22.30	-53.43	1,358.01	2,249.91	1,257.00	1,202.55	54.45	23.087		
9,100.00	7,289.11	6,950.00	6,717.45	45.38	22.30	-53.43	1,358.01	2,249.91	1,323.50	1,269.01	54.49	24.288		
9,200.00	7,288.88	6,931.26	6,700.59	46.88	22.28	-52.49	1,354.18	2,257.15	1,393.67	1,339.40	54.27	25.679		
9,300.00	7,288.66	6,918.23	6,688.76	48.39	22.26	-51.84	1,351.50	2,261.88	1,466.97	1,412.88	54.08	27.125		
9,400.00	7,288.44	6,900.00	6,672.04	49.91	22.24	-50.94	1,347.70	2,268.08	1,543.02	1,489.21	53.82	28.672		
9,500.00	7,288.21	6,900.00	6,672.04	51.44	22.24	-50.94	1,347.70	2,268.08	1,621.39	1,567.66	53.73	30.179		
9,600.00	7,287.99	6,900.00	6,672.04	52.98	22.24	-50.94	1,347.70	2,268.08	1,702.02	1,648.40	53.62	31.742		
9,700.00	7,287.77	6,877.26	6,650.95	54.53	22.21	-49.82	1,342.93	2,275.13	1,784.11	1,730.82	53.29	33.480		
9,800.00	7,287.54	6,869.14	6,643.36	56.09	22.20	-49.42	1,341.21	2,277.46	1,867.99	1,814.88	53.10	35.176		
9,900.00	7,287.32	6,850.00	6,625.37	57.65	22.17	-48.49	1,337.14	2,282.55	1,953.40	1,900.58	52.82	36.983		
10,000.00	7,287.10	6,850.00	6,625.37	59.21	22.17	-48.49	1,337.14	2,282.55	2,039.82	1,987.10	52.72	38.691		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 32N-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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,100.00	7,286.87	6,850.00	6,625.37	60.79	22.17	-48.49	1,337.14	2,282.55	2,127.42	2,074.80	52.62	40.426	
10,200.00	7,286.65	6,850.00	6,625.37	62.36	22.17	-48.49	1,337.14	2,282.55	2,216.08	2,163.55	52.53	42.185	
10,300.00	7,286.43	6,850.00	6,625.37	63.95	22.17	-48.49	1,337.14	2,282.55	2,305.66	2,253.22	52.45	43.963	
10,400.00	7,286.20	6,850.00	6,625.37	65.53	22.17	-48.49	1,337.14	2,282.55	2,396.07	2,343.71	52.36	45.758	
10,500.00	7,285.98	6,827.03	6,603.59	67.12	22.13	-47.38	1,332.22	2,287.93	2,486.72	2,434.62	52.10	47.728	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	90.21	-4.34	1,199.67	1,199.67				
100.00	100.00	102.00	98.00	3.28	3.28	90.21	-4.34	1,199.67	1,199.67	1,192.15	7.53	159.339	
200.00	200.00	202.00	198.00	3.31	3.31	90.21	-4.34	1,199.67	1,199.67	1,192.10	7.57	158.382	
205.90	205.90	203.90	203.90	3.31	3.31	90.21	-4.34	1,199.67	1,199.67	1,192.10	7.58	158.325	
300.00	300.00	284.51	284.51	3.35	3.34	90.20	-4.27	1,199.86	1,199.94	1,192.29	7.65	156.759	
400.00	399.98	356.39	356.36	3.41	3.38	23.44	-3.64	1,201.51	1,200.64	1,192.88	7.76	154.775	
500.00	499.84	428.26	428.15	3.50	3.44	23.45	-2.37	1,204.85	1,200.47	1,192.59	7.89	152.244	
600.00	599.45	500.00	499.68	3.61	3.50	23.49	-0.47	1,209.86	1,199.45	1,191.41	8.04	149.170	
700.00	698.70	572.05	571.37	3.75	3.58	23.55	2.08	1,216.57	1,197.57	1,189.34	8.23	145.574	
800.00	797.47	643.98	642.74	3.91	3.68	23.63	5.26	1,224.95	1,194.83	1,186.38	8.44	141.535	
900.00	895.62	715.95	713.90	4.12	3.79	23.74	9.08	1,235.01	1,191.23	1,182.55	8.69	137.103	
1,000.00	993.32	803.06	799.72	4.36	3.94	23.85	14.37	1,248.95	1,187.54	1,178.53	9.00	131.879	
1,100.00	1,091.01	902.97	898.12	4.63	4.15	23.96	20.52	1,265.14	1,184.04	1,174.65	9.39	126.125	
1,200.00	1,188.69	1,002.88	996.52	4.93	4.38	24.08	26.66	1,281.32	1,180.55	1,170.75	9.80	120.408	
1,300.00	1,286.38	1,102.79	1,094.92	5.24	4.63	24.19	32.81	1,297.51	1,177.07	1,166.82	10.25	114.827	
1,400.00	1,384.06	1,202.70	1,193.32	5.57	4.90	24.31	38.96	1,313.70	1,173.59	1,162.86	10.72	109.453	
1,500.00	1,481.75	1,302.61	1,291.72	5.92	5.18	24.42	45.10	1,329.89	1,170.11	1,158.90	11.22	104.324	
1,600.00	1,579.44	1,402.52	1,390.11	6.27	5.48	24.54	51.25	1,346.07	1,166.64	1,154.91	11.73	99.472	
1,700.00	1,677.12	1,502.43	1,488.51	6.63	5.78	24.66	57.40	1,362.26	1,163.17	1,150.92	12.26	94.894	
1,800.00	1,774.81	1,602.35	1,586.91	7.01	6.10	24.78	63.54	1,378.45	1,159.71	1,146.91	12.80	90.593	
1,900.00	1,872.49	1,702.26	1,685.31	7.21	6.42	24.90	69.69	1,394.64	1,156.26	1,143.25	13.01	88.878	
2,000.00	1,970.18	1,802.17	1,783.71	7.26	6.74	25.02	75.84	1,410.82	1,152.81	1,139.51	13.30	86.683	
2,100.00	2,067.87	1,902.08	1,882.11	7.33	6.92	25.14	81.98	1,427.01	1,149.36	1,136.05	13.31	86.357	
2,200.00	2,165.55	2,001.99	1,980.51	7.42	6.96	25.26	88.13	1,443.20	1,145.92	1,132.53	13.39	85.601	
2,300.00	2,263.24	2,101.90	2,078.91	7.52	7.01	25.38	94.28	1,459.39	1,142.49	1,128.99	13.50	84.639	
2,400.00	2,360.92	2,201.81	2,177.31	7.64	7.08	25.51	100.42	1,475.57	1,139.06	1,125.41	13.64	83.498	
2,500.00	2,458.61	2,301.72	2,275.71	7.77	7.17	25.63	106.57	1,491.76	1,135.63	1,121.82	13.81	82.203	
2,600.00	2,556.30	2,401.63	2,374.11	7.92	7.27	25.76	112.72	1,507.95	1,132.21	1,118.20	14.02	80.773	
2,700.00	2,653.98	2,501.54	2,472.51	8.08	7.39	25.88	118.86	1,524.13	1,128.80	1,114.55	14.25	79.229	
2,800.00	2,751.67	2,601.46	2,570.91	8.26	7.52	26.01	125.01	1,540.32	1,125.39	1,110.89	14.50	77.592	
2,900.00	2,849.35	2,701.37	2,669.30	8.45	7.66	26.13	131.16	1,556.51	1,121.99	1,107.20	14.79	75.884	
3,000.00	2,947.04	2,801.28	2,767.70	8.65	7.81	26.26	137.30	1,572.70	1,118.59	1,103.50	15.09	74.125	
3,100.00	3,044.72	2,901.19	2,866.10	8.86	7.97	26.39	143.45	1,588.88	1,115.20	1,099.78	15.42	72.330	
3,200.00	3,142.41	3,001.10	2,964.50	9.08	8.15	26.52	149.60	1,605.07	1,111.81	1,096.04	15.77	70.518	
3,300.00	3,240.10	3,101.01	3,062.90	9.31	8.33	26.65	155.74	1,621.26	1,108.43	1,092.30	16.13	68.702	
3,400.00	3,337.78	3,200.92	3,161.30	9.55	8.53	26.78	161.89	1,637.45	1,105.06	1,088.54	16.52	66.893	
3,500.00	3,435.47	3,300.83	3,259.70	9.80	8.73	26.91	168.04	1,653.63	1,101.69	1,084.76	16.92	65.103	
3,600.00	3,533.15	3,400.74	3,358.10	10.05	8.94	27.04	174.18	1,669.82	1,098.32	1,080.98	17.34	63.339	
3,700.00	3,630.84	3,500.66	3,456.50	10.31	9.16	27.18	180.33	1,686.01	1,094.97	1,077.19	17.77	61.607	
3,800.00	3,728.53	3,600.57	3,554.90	10.58	9.39	27.31	186.48	1,702.19	1,091.62	1,073.40	18.22	59.914	
3,900.00	3,826.21	3,700.48	3,653.30	10.85	9.62	27.45	192.62	1,718.38	1,088.27	1,069.59	18.68	58.263	
4,000.00	3,923.90	3,800.39	3,751.70	11.13	9.86	27.58	198.77	1,734.57	1,084.93	1,065.78	19.15	56.658	
4,100.00	4,021.58	3,900.30	3,850.10	11.42	10.10	27.72	204.92	1,750.76	1,081.60	1,061.97	19.63	55.099	
4,200.00	4,119.27	4,000.21	3,948.49	11.70	10.35	27.86	211.06	1,766.94	1,078.27	1,058.15	20.12	53.588	
4,300.00	4,216.96	4,100.12	4,046.89	12.00	10.61	28.00	217.21	1,783.13	1,074.95	1,054.33	20.62	52.126	
4,400.00	4,314.64	4,200.03	4,145.29	12.29	10.86	28.13	223.36	1,799.32	1,071.64	1,050.50	21.13	50.713	
4,500.00	4,412.33	4,300.06	4,243.69	12.59	11.13	28.27	229.50	1,815.51	1,068.33	1,046.68	21.65	49.348	
4,600.00	4,510.01	4,400.15	4,342.09	12.90	11.39	28.42	235.65	1,831.69	1,065.03	1,042.85	22.17	48.030	
4,700.00	4,607.70	4,500.23	4,440.49	13.21	11.67	28.56	241.80	1,847.88	1,061.73	1,039.03	22.71	46.760	
4,800.00	4,705.39	4,600.32	4,538.89	13.52	11.94	28.70	247.94	1,864.07	1,058.44	1,035.20	23.24	45.534	
4,900.00	4,803.07	4,700.41	4,637.29	13.83	12.22	28.84	254.09	1,880.26	1,055.16	1,031.37	23.79	44.354	
5,000.00	4,900.76	4,800.50	4,735.69	14.14	12.50	28.99	260.24	1,896.44	1,051.89	1,027.55	24.34	43.216	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	4,998.44	4,900.59	4,834.09	14.46	12.78	29.13	266.38	1,912.63	1,048.62	1,023.72	24.90	42.120		
5,200.00	5,096.13	5,000.68	4,932.49	14.78	13.07	29.28	272.53	1,928.82	1,045.36	1,019.90	25.46	41.064		
5,300.00	5,193.82	5,100.77	5,030.89	15.11	13.36	29.43	278.68	1,945.00	1,042.10	1,016.08	26.02	40.046		
5,400.00	5,291.50	5,200.86	5,129.29	15.43	13.65	29.58	284.82	1,961.19	1,038.85	1,012.26	26.59	39.066		
5,500.00	5,389.19	5,300.95	5,227.68	15.76	13.94	29.72	290.97	1,977.38	1,035.61	1,008.45	27.17	38.121		
5,600.00	5,486.87	5,401.04	5,326.08	16.09	14.23	29.87	297.12	1,993.57	1,032.38	1,004.63	27.74	37.211		
5,700.00	5,584.56	5,501.12	5,424.48	16.42	14.53	30.03	303.26	2,009.75	1,029.15	1,000.83	28.33	36.333		
5,800.00	5,682.25	5,601.21	5,522.88	16.75	14.83	30.18	309.41	2,025.94	1,025.93	997.02	28.91	35.486		
5,900.00	5,779.93	5,701.30	5,621.28	17.08	15.13	30.33	315.56	2,042.13	1,022.72	993.22	29.50	34.669		
6,000.00	5,877.62	5,801.39	5,719.68	17.42	15.43	30.48	321.70	2,058.32	1,019.51	989.42	30.09	33.881		
6,100.00	5,975.30	5,901.48	5,818.08	17.75	15.73	30.64	327.85	2,074.50	1,016.32	985.63	30.69	33.121		
6,200.00	6,072.99	6,001.57	5,916.48	18.09	16.04	30.79	334.00	2,090.69	1,013.13	981.84	31.28	32.386		
6,300.00	6,170.67	6,101.66	6,014.88	18.43	16.34	30.95	340.14	2,106.88	1,009.94	978.06	31.88	31.677		
6,400.00	6,268.36	6,201.75	6,113.28	18.77	16.65	31.11	346.29	2,123.06	1,006.77	974.28	32.48	30.992		
6,500.00	6,366.05	6,206.78	6,284.24	19.11	22.37	167.36	424.27	1,129.79	923.54	892.90	30.63	30.149		
6,600.00	6,463.73	8,170.62	7,284.93	19.45	22.05	164.21	424.22	1,152.37	827.63	796.82	30.81	26.861		
6,700.00	6,561.42	8,148.02	7,285.62	19.79	21.86	160.58	424.17	1,174.96	732.12	701.02	31.11	23.537		
6,800.00	6,659.10	8,125.43	7,286.31	20.13	21.66	156.39	424.12	1,197.54	637.19	605.72	31.47	20.250		
6,900.00	6,756.79	8,102.83	7,286.99	20.48	21.47	151.57	424.08	1,220.13	543.14	511.20	31.94	17.005		
7,000.00	6,853.49	8,076.15	7,287.81	20.85	21.26	149.00	424.02	1,246.79	451.59	419.00	32.58	13.859		
7,100.00	6,945.46	8,035.26	7,289.05	21.34	20.94	147.31	423.93	1,287.67	367.26	333.78	33.49	10.967		
7,200.00	7,030.35	7,980.61	7,290.71	21.94	20.55	143.48	423.81	1,342.30	293.62	258.73	34.89	8.416		
7,300.00	7,106.06	7,913.55	7,292.75	22.66	20.10	136.93	423.67	1,409.32	234.23	197.19	37.04	6.324		
7,400.00	7,170.73	7,835.74	7,295.12	23.49	19.67	127.51	423.50	1,487.10	192.33	152.44	39.89	4.821		
7,500.00	7,222.77	7,746.17	7,297.24	24.43	19.25	115.49	423.27	1,576.63	168.59	125.92	42.67	3.951		
7,600.00	7,260.89	7,651.04	7,288.94	25.45	18.92	100.75	422.36	1,671.31	158.03	113.26	44.77	3.530		
7,631.71	7,269.91	7,622.25	7,283.65	25.80	18.84	95.95	421.91	1,699.60	157.37	112.25	45.12	3.488 CC, ES, SF		
7,700.00	7,284.16	7,562.16	7,268.54	26.55	18.69	85.81	420.72	1,757.72	160.30	115.13	45.17	3.548		
7,800.00	7,292.01	7,478.17	7,238.41	27.69	18.55	72.44	418.50	1,836.02	173.65	129.75	43.91	3.955		
7,900.00	7,291.78	7,401.14	7,201.95	28.86	18.48	62.09	415.92	1,903.78	198.10	156.47	41.64	4.758		
8,000.00	7,291.56	7,334.09	7,163.77	30.07	18.46	53.31	413.28	1,958.79	236.78	197.73	39.05	6.064		
8,100.00	7,291.34	7,276.42	7,126.45	31.33	18.46	46.50	410.75	2,002.67	288.12	251.14	36.98	7.790		
8,200.00	7,291.11	7,227.05	7,091.47	32.62	18.47	41.39	408.40	2,037.42	349.46	313.81	35.66	9.801		
8,300.00	7,290.89	7,184.79	7,059.47	33.95	18.47	37.57	406.27	2,064.92	418.36	383.45	34.91	11.983		
8,400.00	7,290.67	7,150.00	7,031.81	35.30	18.48	34.78	404.44	2,085.93	492.96	458.39	34.57	14.260		
8,500.00	7,290.44	7,117.21	7,004.73	36.69	18.49	32.43	402.65	2,104.31	571.88	537.47	34.42	16.617		
8,600.00	7,290.22	7,100.00	6,990.14	38.09	18.49	31.29	401.69	2,113.40	654.32	619.80	34.52	18.952		
8,700.00	7,290.00	7,066.38	6,960.96	39.51	18.49	29.26	399.78	2,129.99	739.10	704.61	34.48	21.433		
8,800.00	7,289.78	7,050.00	6,946.44	40.96	18.50	28.34	398.84	2,137.51	826.15	791.52	34.64	23.851		
8,900.00	7,289.55	7,027.21	6,925.93	42.42	18.49	27.15	397.50	2,147.34	914.86	880.14	34.73	26.345		
9,000.00	7,289.33	7,000.00	6,900.99	43.89	18.49	25.84	395.88	2,158.11	1,005.15	970.37	34.78	28.901		
9,100.00	7,289.11	7,000.00	6,900.99	45.38	18.49	25.84	395.88	2,158.11	1,096.30	1,061.26	35.04	31.285		
9,200.00	7,288.88	6,983.24	6,885.42	46.88	18.49	25.09	394.87	2,164.20	1,188.55	1,153.39	35.16	33.806		
9,300.00	7,288.66	6,971.45	6,874.36	48.39	18.48	24.59	394.16	2,168.25	1,281.63	1,246.32	35.30	36.306		
9,400.00	7,288.44	6,950.00	6,854.07	49.91	18.47	23.72	392.85	2,175.07	1,375.53	1,340.16	35.37	38.889		
9,500.00	7,288.21	6,950.00	6,854.07	51.44	18.47	23.72	392.85	2,175.07	1,469.78	1,434.20	35.57	41.318		
9,600.00	7,287.99	6,950.00	6,854.07	52.98	18.47	23.72	392.85	2,175.07	1,564.74	1,528.98	35.76	43.757		
9,700.00	7,287.77	6,950.00	6,854.07	54.53	18.47	23.72	392.85	2,175.07	1,660.29	1,624.35	35.94	46.201		
9,800.00	7,287.54	6,926.56	6,831.65	56.09	18.46	22.84	391.41	2,181.74	1,755.75	1,719.78	35.97	48.811		
9,900.00	7,287.32	6,919.67	6,825.01	57.65	18.46	22.59	390.98	2,183.54	1,851.83	1,815.73	36.10	51.303		
10,000.00	7,287.10	6,900.00	6,805.96	59.21	18.45	21.92	389.76	2,188.29	1,948.40	1,912.25	36.15	53.895		
10,100.00	7,286.87	6,900.00	6,805.96	60.79	18.45	21.92	389.76	2,188.29	2,044.94	2,008.63	36.31	56.326		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33C-6-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,200.00	7,286.65	6,900.00	6,805.96	62.36	18.45	21.92	389.76	2,188.29	2,141.79	2,105.33	36.45	58.753	
10,300.00	7,286.43	6,900.00	6,805.96	63.95	18.45	21.92	389.76	2,188.29	2,238.92	2,202.32	36.60	61.176	
10,400.00	7,286.20	6,900.00	6,805.96	65.53	18.45	21.92	389.76	2,188.29	2,336.29	2,299.55	36.74	63.593	
10,500.00	7,285.98	6,900.00	6,805.96	67.12	18.45	21.92	389.76	2,188.29	2,433.87	2,397.00	36.88	66.003	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	
0.00	0.00	2.00	-2.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58				
100.00	100.00	102.00	98.00	3.28	3.28	90.20	-3.98	1,159.58	1,159.58	1,152.05	7.53	154.014	
200.00	200.00	202.00	198.00	3.31	3.31	90.20	-3.98	1,159.58	1,159.58	1,152.01	7.57	153.089	
300.00	300.00	302.00	298.00	3.35	3.35	90.20	-3.98	1,159.58	1,159.58	1,151.92	7.67	151.281	
400.00	399.98	402.02	397.98	3.41	3.42	23.49	-3.98	1,159.58	1,157.98	1,150.18	7.80	148.522	
500.00	499.84	502.16	497.84	3.50	3.51	23.64	-3.98	1,159.58	1,153.18	1,145.21	7.97	144.695	
600.00	599.45	602.55	597.45	3.61	3.61	23.88	-3.98	1,159.58	1,145.20	1,137.02	8.18	139.926	
700.00	698.70	703.30	696.70	3.75	3.74	24.22	-3.98	1,159.58	1,134.06	1,125.62	8.44	134.382	
800.00	797.47	795.47	795.47	3.91	3.87	24.66	-3.98	1,159.58	1,119.79	1,111.07	8.72	128.419	
900.00	895.62	867.66	867.65	4.12	3.97	25.10	-3.93	1,160.37	1,103.53	1,094.54	8.99	122.728	
1,000.00	993.32	938.89	938.83	4.36	4.07	25.46	-3.78	1,162.94	1,087.71	1,078.43	9.28	117.193	
1,100.00	1,091.01	1,010.66	1,010.47	4.63	4.19	25.79	-3.53	1,167.30	1,074.35	1,064.77	9.59	112.074	
1,200.00	1,188.69	1,082.91	1,082.45	4.93	4.31	26.12	-3.16	1,173.51	1,063.54	1,053.63	9.91	107.270	
1,300.00	1,286.38	1,155.54	1,154.63	5.24	4.44	26.45	-2.69	1,181.57	1,055.29	1,045.03	10.26	102.818	
1,400.00	1,384.06	1,228.46	1,226.86	5.57	4.59	26.77	-2.11	1,191.50	1,049.61	1,038.98	10.63	98.736	
1,500.00	1,481.75	1,300.00	1,297.47	5.92	4.74	27.07	-1.43	1,203.02	1,046.51	1,035.50	11.01	95.068	
1,600.00	1,579.44	1,385.22	1,381.21	6.27	4.94	27.42	-0.51	1,218.78	1,045.79	1,034.34	11.44	91.385	
1,700.00	1,677.12	1,484.95	1,479.13	6.63	5.20	27.82	0.59	1,237.64	1,045.59	1,033.64	11.95	87.529	
1,800.00	1,774.81	1,584.68	1,577.05	7.01	5.48	28.23	1.70	1,256.50	1,045.44	1,032.97	12.47	83.864	
1,900.00	1,872.49	1,684.40	1,674.98	7.21	5.77	28.63	2.80	1,275.36	1,045.34	1,032.69	12.65	82.631	
2,000.00	1,970.18	1,784.13	1,772.90	7.26	6.08	29.03	3.91	1,294.22	1,045.29	1,032.37	12.92	80.882	
2,036.38	2,005.71	1,820.41	1,808.52	7.29	6.16	29.18	4.31	1,301.08	1,045.29	1,032.45	12.84	81.439	
2,100.00	2,067.87	1,883.86	1,870.82	7.33	6.27	29.44	5.01	1,313.08	1,045.30	1,032.35	12.95	80.739	
2,200.00	2,165.55	1,983.58	1,968.74	7.42	6.33	29.84	6.12	1,331.94	1,045.36	1,032.31	13.05	80.122	
2,300.00	2,263.24	2,083.31	2,066.66	7.52	6.38	30.24	7.22	1,350.80	1,045.47	1,032.31	13.16	79.429	
2,400.00	2,360.92	2,183.04	2,164.58	7.64	6.45	30.65	8.33	1,369.66	1,045.64	1,032.32	13.31	78.555	
2,500.00	2,458.61	2,282.76	2,262.50	7.77	6.54	31.05	9.43	1,388.52	1,045.85	1,032.36	13.49	77.519	
2,600.00	2,556.30	2,382.49	2,360.42	7.92	6.65	31.45	10.54	1,407.38	1,046.12	1,032.42	13.70	76.342	
2,700.00	2,653.98	2,482.22	2,458.35	8.08	6.77	31.86	11.64	1,426.24	1,046.44	1,032.49	13.94	75.044	
2,800.00	2,751.67	2,581.95	2,556.27	8.26	6.92	32.26	12.75	1,445.10	1,046.81	1,032.60	14.21	73.649	
2,900.00	2,849.35	2,681.67	2,654.19	8.45	7.07	32.66	13.85	1,463.95	1,047.23	1,032.72	14.51	72.177	
3,000.00	2,947.04	2,781.40	2,752.11	8.65	7.24	33.06	14.96	1,482.81	1,047.71	1,032.88	14.83	70.649	
3,100.00	3,044.72	2,881.13	2,850.03	8.86	7.42	33.47	16.06	1,501.67	1,048.24	1,033.06	15.17	69.081	
3,200.00	3,142.41	2,980.85	2,947.95	9.08	7.61	33.87	17.17	1,520.53	1,048.82	1,033.28	15.54	67.492	
3,300.00	3,240.10	3,080.58	3,045.87	9.31	7.82	34.27	18.27	1,539.39	1,049.45	1,033.52	15.93	65.894	
3,400.00	3,337.78	3,180.31	3,143.79	9.55	8.03	34.67	19.38	1,558.25	1,050.13	1,033.80	16.33	64.299	
3,500.00	3,435.47	3,280.03	3,241.71	9.80	8.26	35.07	20.48	1,577.11	1,050.86	1,034.11	16.75	62.726	
3,600.00	3,533.15	3,379.76	3,339.64	10.05	8.49	35.47	21.59	1,595.97	1,051.65	1,034.45	17.19	61.165	
3,700.00	3,630.84	3,479.49	3,437.56	10.31	8.73	35.86	22.69	1,614.83	1,052.48	1,034.84	17.65	59.637	
3,800.00	3,728.53	3,579.22	3,535.48	10.58	8.98	36.26	23.79	1,633.69	1,053.37	1,035.26	18.12	58.144	
3,900.00	3,826.21	3,678.94	3,633.40	10.85	9.24	36.66	24.90	1,652.55	1,054.31	1,035.71	18.60	56.689	
4,000.00	3,923.90	3,778.67	3,731.32	11.13	9.50	37.06	26.00	1,671.41	1,055.30	1,036.21	19.09	55.275	
4,100.00	4,021.58	3,878.40	3,829.24	11.42	9.77	37.45	27.11	1,690.27	1,056.34	1,036.74	19.60	53.905	
4,200.00	4,119.27	3,978.12	3,927.16	11.70	10.04	37.85	28.21	1,709.13	1,057.43	1,037.32	20.11	52.578	
4,300.00	4,216.96	4,077.85	4,025.08	12.00	10.32	38.24	29.32	1,727.99	1,058.57	1,037.93	20.64	51.296	
4,400.00	4,314.64	4,177.58	4,123.01	12.29	10.60	38.63	30.42	1,746.85	1,059.76	1,038.59	21.17	50.058	
4,500.00	4,412.33	4,277.30	4,220.93	12.59	10.89	39.03	31.53	1,765.71	1,061.00	1,039.29	21.71	48.865	
4,600.00	4,510.01	4,377.03	4,318.85	12.90	11.17	39.42	32.63	1,784.57	1,062.29	1,040.03	22.26	47.716	
4,700.00	4,607.70	4,476.76	4,416.77	13.21	11.47	39.81	33.74	1,803.43	1,063.63	1,040.81	22.82	46.609	
4,800.00	4,705.39	4,576.49	4,514.69	13.52	11.76	40.20	34.84	1,822.29	1,065.03	1,041.64	23.38	45.544	
4,900.00	4,803.07	4,676.21	4,612.61	13.83	12.06	40.59	35.95	1,841.15	1,066.46	1,042.51	23.96	44.519	
5,000.00	4,900.76	4,775.94	4,710.53	14.14	12.37	40.97	37.05	1,860.01	1,067.95	1,043.42	24.53	43.533	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	4,998.44	4,875.67	4,808.45	14.46	12.67	41.36	38.16	1,878.87	1,069.49	1,044.38	25.11	42.585		
5,200.00	5,096.13	4,975.39	4,906.37	14.78	12.98	41.74	39.26	1,897.73	1,071.08	1,045.38	25.70	41.673		
5,300.00	5,193.82	5,075.12	5,004.30	15.11	13.29	42.13	40.37	1,916.59	1,072.71	1,046.42	26.29	40.796		
5,400.00	5,291.50	5,174.85	5,102.22	15.43	13.60	42.51	41.47	1,935.45	1,074.40	1,047.50	26.89	39.952		
5,500.00	5,389.19	5,274.57	5,200.14	15.76	13.91	42.89	42.58	1,954.31	1,076.13	1,048.63	27.49	39.140		
5,600.00	5,486.87	5,374.30	5,298.06	16.09	14.23	43.27	43.68	1,973.17	1,077.91	1,049.81	28.10	38.359		
5,700.00	5,584.56	5,474.03	5,395.98	16.42	14.55	43.65	44.79	1,992.03	1,079.73	1,051.02	28.71	37.607		
5,800.00	5,682.25	5,573.76	5,493.90	16.75	14.87	44.03	45.89	2,010.89	1,081.61	1,052.28	29.32	36.884		
5,900.00	5,779.93	5,673.48	5,591.82	17.08	15.19	44.41	47.00	2,029.75	1,083.53	1,053.58	29.94	36.187		
6,000.00	5,877.62	5,773.21	5,689.74	17.42	15.51	44.78	48.10	2,048.61	1,085.49	1,054.93	30.56	35.516		
6,100.00	5,975.30	5,869.89	5,786.42	17.75	15.83	45.15	49.20	2,067.47	1,087.40	1,056.28	31.17	34.845		
6,200.00	6,072.99	5,967.58	5,882.95	18.09	16.15	45.59	50.29	2,086.32	1,089.36	1,057.58	31.78	34.174		
6,300.00	6,170.67	6,065.26	5,979.63	18.43	16.47	46.02	51.38	2,105.17	1,091.27	1,058.63	32.39	33.503		
6,400.00	6,268.36	6,162.95	6,077.31	18.77	16.79	46.44	52.47	2,123.92	1,093.13	1,059.63	33.00	32.832		
6,500.00	6,366.05	6,260.64	6,175.00	19.11	17.11	46.86	53.56	2,142.67	1,095.04	1,060.63	33.61	32.161		
6,600.00	6,463.73	6,358.32	6,272.68	19.45	17.43	47.27	54.65	2,161.42	1,096.90	1,061.58	34.22	31.490		
6,700.00	6,561.42	6,456.01	6,370.37	19.79	17.75	47.68	55.74	2,180.17	1,098.71	1,062.48	34.83	30.819		
6,800.00	6,659.10	6,553.69	6,468.05	20.13	18.07	48.09	56.83	2,198.92	1,100.57	1,063.33	35.44	30.148		
6,900.00	6,756.79	6,651.38	6,565.74	20.48	18.39	48.49	57.92	2,217.67	1,102.38	1,064.13	36.05	29.477		
7,000.00	6,854.49	6,749.07	6,663.42	20.85	18.71	48.89	59.01	2,236.42	1,104.14	1,064.93	36.66	28.806		
7,094.04	6,940.15	6,834.73	6,749.07	21.31	19.84	101.36	61.73	1,295.27	487.49	445.96	41.53	11.738 CC, ES		
7,100.00	6,945.46	6,840.04	6,754.34	21.34	19.82	100.87	61.74	1,298.08	487.52	445.97	41.55	11.734 SF		
7,200.00	7,030.35	6,924.93	6,839.23	21.94	19.45	92.45	61.80	1,352.32	495.66	454.11	41.55	11.929		
7,300.00	7,106.06	7,000.64	6,914.94	22.66	19.06	83.74	61.88	1,419.00	514.50	473.28	41.22	12.482		
7,400.00	7,170.73	7,065.31	6,979.61	23.49	18.66	75.57	61.98	1,496.48	538.21	497.39	40.82	13.185		
7,500.00	7,222.77	7,117.35	7,031.65	24.43	18.38	69.43	62.04	1,563.34	562.85	522.34	40.51	13.893		
7,600.00	7,260.89	7,155.47	7,069.77	25.45	18.18	64.48	62.03	1,622.01	587.85	547.61	40.24	14.607		
7,700.00	7,284.16	7,178.74	7,093.04	26.55	17.99	60.15	61.94	1,684.65	611.72	571.66	40.06	15.269		
7,800.00	7,292.01	7,226.01	6,949.98	27.69	17.86	56.77	61.80	1,742.07	633.33	593.35	39.98	15.842		
7,900.00	7,291.78	7,168.34	6,928.12	28.86	17.76	55.13	61.61	1,795.41	656.49	616.59	39.90	16.453		
8,000.00	7,291.56	7,115.11	6,903.74	30.07	17.70	53.40	61.38	1,842.71	686.13	646.41	39.72	17.273		
8,100.00	7,291.34	7,066.48	6,878.07	31.33	17.67	51.65	61.14	1,884.00	722.29	682.83	39.47	18.300		
8,200.00	7,291.11	7,022.38	6,852.14	32.62	17.65	49.97	60.88	1,919.66	764.82	725.65	39.17	19.528		
8,300.00	7,290.89	6,982.56	6,826.65	33.95	17.65	48.40	60.63	1,950.24	813.36	774.52	38.84	20.940		
8,400.00	7,290.67	6,950.00	6,804.42	35.30	17.65	47.09	60.41	1,974.03	867.47	828.94	38.54	22.511		
8,500.00	7,290.44	6,914.44	6,778.79	36.69	17.65	45.65	60.14	1,998.67	926.60	888.37	38.23	24.236		
8,600.00	7,290.22	6,885.40	6,756.86	38.09	17.66	44.47	59.92	2,017.71	990.22	952.25	37.97	26.079		
8,700.00	7,290.00	6,850.00	6,729.00	39.51	17.67	43.03	59.63	2,039.53	1,057.91	1,020.20	37.71	28.053		
8,800.00	7,289.78	6,835.59	6,717.31	40.96	17.68	42.46	59.51	2,047.96	1,128.88	1,091.33	37.55	30.060		
8,900.00	7,289.55	6,814.19	6,699.62	42.42	17.68	41.61	59.32	2,059.99	1,202.98	1,165.59	37.40	32.167		
9,000.00	7,289.33	6,800.00	6,687.66	43.89	17.69	41.05	59.20	2,067.64	1,279.77	1,242.47	37.29	34.318		
9,100.00	7,289.11	6,777.12	6,668.04	45.38	17.70	40.16	58.99	2,079.40	1,358.80	1,321.62	37.18	36.551		
9,200.00	7,288.88	6,750.00	6,644.26	46.88	17.70	39.12	58.74	2,092.42	1,440.01	1,402.94	37.07	38.850		
9,300.00	7,288.66	6,750.00	6,644.26	48.39	17.70	39.12	58.74	2,092.42	1,522.74	1,485.68	37.06	41.085		
9,400.00	7,288.44	6,732.72	6,628.82	49.91	17.70	38.47	58.58	2,100.18	1,607.12	1,570.11	37.02	43.418		
9,500.00	7,288.21	6,720.28	6,617.57	51.44	17.71	38.01	58.46	2,105.51	1,692.88	1,655.89	37.00	45.758		
9,600.00	7,287.99	6,700.00	6,599.04	52.98	17.71	37.27	58.26	2,113.72	1,779.92	1,742.96	36.97	48.151		
9,700.00	7,287.77	6,700.00	6,599.04	54.53	17.71	37.27	58.26	2,113.72	1,867.88	1,830.87	37.00	50.480		
9,800.00	7,287.54	6,700.00	6,599.04	56.09	17.71	37.27	58.26	2,113.72	1,956.99	1,919.94	37.05	52.827		
9,900.00	7,287.32	6,679.20	6,579.75	57.65	17.71	36.53	58.05	2,121.52	2,046.67	2,009.63	37.04	55.262		
10,000.00	7,287.10	6,670.68	6,571.79	59.21	17.71	36.23	57.97	2,124.53	2,137.24	2,100.18	37.07	57.658		
10,100.00	7,286.87	6,650.00	6,552.28	60.79	17.71	35.51	57.76	2,131.40	2,228.66	2,191.58	37.07	60.112		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design		5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6A-M - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,200.00	7,286.65	6,650.00	6,552.28	62.36	17.71	35.51	57.76	2,131.40	2,320.38	2,283.24	37.14	62.478	
10,300.00	7,286.43	6,650.00	6,552.28	63.95	17.71	35.51	57.76	2,131.40	2,412.77	2,375.56	37.21	64.848	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-6C-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	-2.00	3.28	3.28	90.19	-3.98	1,179.62	1,179.63					
100.00	100.00	102.00	98.00	3.28	3.28	90.19	-3.98	1,179.62	1,179.63	1,172.10	7.53	156.676		
200.00	200.00	198.00	198.00	3.31	3.30	90.19	-3.98	1,179.62	1,179.63	1,172.05	7.57	155.763		
300.00	300.00	270.17	270.16	3.35	3.33	90.18	-3.75	1,180.45	1,180.78	1,173.14	7.65	154.425		
400.00	399.98	341.72	341.67	3.41	3.37	23.41	-3.04	1,183.00	1,182.74	1,175.00	7.75	152.709		
500.00	499.84	413.26	413.07	3.50	3.43	23.41	-1.86	1,187.27	1,183.90	1,176.03	7.87	150.468		
600.00	599.45	484.79	484.32	3.61	3.49	23.45	-0.20	1,193.25	1,184.26	1,176.24	8.02	147.665		
700.00	698.70	556.32	555.40	3.75	3.57	23.51	1.94	1,200.95	1,183.83	1,175.63	8.20	144.352		
800.00	797.47	627.86	626.27	3.91	3.67	23.61	4.55	1,210.35	1,182.60	1,174.19	8.41	140.586		
900.00	895.62	703.74	701.16	4.12	3.79	23.75	7.82	1,222.15	1,180.55	1,171.88	8.66	136.245		
1,000.00	993.32	803.61	799.58	4.36	3.97	23.94	12.35	1,238.48	1,177.26	1,168.25	9.01	130.626		
1,100.00	1,091.01	903.48	897.99	4.63	4.19	24.14	16.88	1,254.81	1,173.94	1,164.55	9.40	124.931		
1,200.00	1,188.69	1,003.34	996.41	4.93	4.42	24.33	21.41	1,271.14	1,170.64	1,160.82	9.81	119.282		
1,300.00	1,286.38	1,103.21	1,094.83	5.24	4.68	24.53	25.94	1,287.47	1,167.35	1,157.09	10.26	113.775		
1,400.00	1,384.06	1,203.07	1,193.25	5.57	4.95	24.73	30.47	1,303.80	1,164.07	1,153.34	10.73	108.474		
1,500.00	1,481.75	1,302.94	1,291.66	5.92	5.23	24.93	34.99	1,320.13	1,160.80	1,149.58	11.22	103.419		
1,600.00	1,579.44	1,402.80	1,390.08	6.27	5.53	25.13	39.52	1,336.46	1,157.55	1,145.82	11.74	98.635		
1,700.00	1,677.12	1,502.67	1,488.50	6.63	5.83	25.33	44.05	1,352.79	1,154.31	1,142.05	12.26	94.122		
1,800.00	1,774.81	1,602.53	1,586.91	7.01	6.15	25.53	48.58	1,369.12	1,151.09	1,138.29	12.81	89.882		
1,900.00	1,872.49	1,702.40	1,685.33	7.21	6.47	25.73	53.11	1,385.45	1,147.88	1,134.87	13.01	88.209		
2,000.00	1,970.18	1,802.27	1,783.75	7.26	6.79	25.94	57.64	1,401.78	1,144.69	1,131.39	13.30	86.060		
2,100.00	2,067.87	1,902.13	1,882.17	7.33	6.97	26.14	62.17	1,418.11	1,141.51	1,128.20	13.31	85.759		
2,200.00	2,165.55	2,002.00	1,980.58	7.42	7.00	26.35	66.70	1,434.44	1,138.35	1,124.96	13.39	85.024		
2,300.00	2,263.24	2,101.86	2,079.00	7.52	7.06	26.55	71.23	1,450.77	1,135.20	1,121.70	13.50	84.084		
2,400.00	2,360.92	2,201.73	2,177.42	7.64	7.13	26.76	75.76	1,467.10	1,132.06	1,118.42	13.64	82.968		
2,500.00	2,458.61	2,301.59	2,275.83	7.77	7.21	26.97	80.29	1,483.43	1,128.94	1,115.13	13.82	81.700		
2,600.00	2,556.30	2,401.46	2,374.25	7.92	7.31	27.18	84.82	1,499.76	1,125.84	1,111.82	14.02	80.298		
2,700.00	2,653.98	2,501.32	2,472.67	8.08	7.43	27.40	89.35	1,516.09	1,122.75	1,108.50	14.25	78.781		
2,800.00	2,751.67	2,601.19	2,571.09	8.26	7.55	27.61	93.88	1,532.42	1,119.68	1,105.17	14.51	77.173		
2,900.00	2,849.35	2,701.06	2,669.50	8.45	7.69	27.82	98.41	1,548.75	1,116.62	1,101.83	14.79	75.495		
3,000.00	2,947.04	2,800.92	2,767.92	8.65	7.85	28.04	102.94	1,565.08	1,113.58	1,098.48	15.10	73.763		
3,100.00	3,044.72	2,900.79	2,866.34	8.86	8.01	28.26	107.47	1,581.41	1,110.55	1,095.13	15.42	71.998		
3,200.00	3,142.41	3,000.65	2,964.75	9.08	8.18	28.47	112.00	1,597.74	1,107.54	1,091.77	15.77	70.214		
3,300.00	3,240.10	3,100.52	3,063.17	9.31	8.36	28.69	116.53	1,614.07	1,104.55	1,088.41	16.14	68.426		
3,400.00	3,337.78	3,200.38	3,161.59	9.55	8.56	28.91	121.06	1,630.40	1,101.57	1,085.04	16.53	66.646		
3,500.00	3,435.47	3,300.25	3,260.01	9.80	8.76	29.14	125.59	1,646.73	1,098.61	1,081.68	16.93	64.882		
3,600.00	3,533.15	3,400.11	3,358.42	10.05	8.96	29.36	130.12	1,663.06	1,095.66	1,078.31	17.35	63.144		
3,700.00	3,630.84	3,500.02	3,456.84	10.31	9.18	29.58	134.64	1,679.39	1,092.74	1,074.95	17.79	61.438		
3,800.00	3,728.53	3,600.16	3,555.26	10.58	9.41	29.81	139.17	1,695.72	1,089.83	1,071.59	18.23	59.768		
3,900.00	3,826.21	3,699.71	3,653.67	10.85	9.63	30.03	143.70	1,712.05	1,086.93	1,068.24	18.69	58.144		
4,000.00	3,923.90	3,800.42	3,752.09	11.13	9.87	30.26	148.23	1,728.38	1,084.05	1,064.89	19.17	56.556		
4,100.00	4,021.58	3,900.56	3,850.51	11.42	10.11	30.49	152.76	1,744.71	1,081.19	1,061.54	19.65	55.018		
4,200.00	4,119.27	3,999.31	3,948.93	11.70	10.36	30.72	157.29	1,761.04	1,078.35	1,058.21	20.14	53.537		
4,300.00	4,216.96	4,100.83	4,047.34	12.00	10.61	30.95	161.82	1,777.37	1,075.53	1,054.88	20.65	52.087		
4,400.00	4,314.64	4,200.96	4,145.76	12.29	10.87	31.18	166.35	1,793.70	1,072.72	1,051.56	21.16	50.693		
4,500.00	4,412.33	4,301.10	4,244.18	12.59	11.13	31.42	170.88	1,810.03	1,069.93	1,048.25	21.68	49.348		
4,600.00	4,510.01	4,401.23	4,342.59	12.90	11.40	31.65	175.41	1,826.36	1,067.16	1,044.95	22.21	48.050		
4,700.00	4,607.70	4,501.37	4,441.01	13.21	11.67	31.89	179.94	1,842.69	1,064.40	1,041.66	22.74	46.798		
4,800.00	4,705.39	4,601.50	4,539.43	13.52	11.94	32.12	184.47	1,859.02	1,061.67	1,038.38	23.29	45.591		
4,900.00	4,803.07	4,701.63	4,637.85	13.83	12.21	32.36	189.00	1,875.35	1,058.95	1,035.11	23.83	44.429		
5,000.00	4,900.76	4,801.77	4,736.26	14.14	12.49	32.60	193.53	1,891.68	1,056.25	1,031.86	24.39	43.309		
5,100.00	4,998.44	4,901.90	4,834.68	14.46	12.77	32.84	198.06	1,908.01	1,053.57	1,028.62	24.95	42.230		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,096.13	4,997.96	4,933.10	14.78	13.05	33.09	202.59	1,924.34	1,050.91	1,025.41	25.50	41.208		
5,300.00	5,193.82	5,102.17	5,031.51	15.11	13.35	33.33	207.12	1,940.67	1,048.27	1,022.18	26.08	40.189		
5,400.00	5,291.50	5,202.31	5,129.93	15.43	13.63	33.57	211.65	1,957.00	1,045.64	1,018.98	26.66	39.225		
5,500.00	5,389.19	5,302.44	5,228.35	15.76	13.93	33.82	216.18	1,973.33	1,043.00	1,015.80	27.24	38.296		
5,600.00	5,486.87	5,402.58	5,326.77	16.09	14.22	34.07	220.71	1,989.66	1,040.45	1,012.63	27.82	37.401		
5,700.00	5,584.56	5,502.71	5,425.18	16.42	14.51	34.31	225.24	2,005.99	1,037.89	1,009.48	28.41	36.538		
5,800.00	5,682.25	5,602.85	5,523.60	16.75	14.81	34.56	229.77	2,022.32	1,035.34	1,006.34	29.00	35.706		
5,900.00	5,779.93	5,702.98	5,622.02	17.08	15.11	34.82	234.29	2,038.65	1,032.81	1,003.22	29.59	34.904		
6,000.00	5,877.62	5,803.11	5,720.43	17.42	15.41	35.07	238.82	2,054.98	1,030.31	1,000.12	30.19	34.131		
6,100.00	5,975.30	5,903.25	5,818.85	17.75	15.71	35.32	243.35	2,071.31	1,027.82	997.03	30.79	33.384		
6,200.00	6,072.99	5,996.62	5,917.27	18.09	15.99	35.57	247.88	2,087.64	1,025.35	993.98	31.37	32.684		
6,300.00	6,170.67	6,103.52	6,015.69	18.43	16.32	35.83	252.41	2,103.97	1,022.91	990.91	32.00	31.969		
6,400.00	6,268.36	6,081.63	6,178.74	18.77	21.89	150.65	297.59	1,110.89	932.65	901.92	30.74	30.345		
6,500.00	6,366.05	6,058.82	6,179.46	19.11	21.69	147.52	297.79	1,133.70	839.87	808.73	31.14	26.974		
6,600.00	6,463.73	6,036.00	6,180.19	19.45	21.49	144.14	297.98	1,156.50	748.25	716.61	31.63	23.653		
6,700.00	6,561.42	6,013.18	6,180.92	19.79	21.29	140.50	298.17	1,179.31	658.27	626.00	32.27	20.397		
6,800.00	6,659.10	7,990.36	7,181.64	20.13	21.10	136.61	298.37	1,202.12	570.73	537.60	33.13	17.228		
6,900.00	6,756.79	7,967.54	7,182.37	20.48	20.92	132.49	298.56	1,224.92	486.94	452.62	34.32	14.189		
7,000.00	6,853.49	7,940.65	7,183.22	20.85	20.71	126.89	298.79	1,251.81	410.05	374.10	35.95	11.405		
7,100.00	6,945.46	7,900.46	7,184.53	21.34	20.39	122.20	299.14	1,292.89	346.35	308.31	38.04	9.105		
7,200.00	7,030.35	7,844.69	7,186.27	21.94	20.01	115.55	299.60	1,347.70	300.62	260.28	40.34	7.452		
7,300.00	7,106.06	7,777.46	7,188.41	22.66	19.58	106.48	300.17	1,414.90	275.39	233.19	42.20	6.526		
7,397.52	7,169.28	7,701.55	7,190.82	23.47	19.16	96.23	300.81	1,490.77	268.51	225.41	43.09	6.231 CC		
7,400.00	7,170.73	7,700.50	7,190.89	23.49	19.16	95.97	300.83	1,492.82	268.51	225.40	43.11	6.229 ES, SF		
7,500.00	7,222.77	7,615.83	7,191.70	24.43	18.79	85.86	301.45	1,576.46	273.61	230.36	43.25	6.326		
7,600.00	7,260.89	7,536.26	7,183.22	25.45	18.52	76.72	301.63	1,655.52	286.35	243.50	42.85	6.683		
7,700.00	7,284.16	7,460.25	7,165.98	26.55	18.31	68.74	301.38	1,729.50	304.26	262.15	42.11	7.225		
7,800.00	7,292.01	7,387.01	7,141.15	27.69	18.17	62.04	300.75	1,798.36	324.93	283.62	41.30	7.867		
7,900.00	7,291.78	7,318.43	7,110.89	28.86	18.08	57.56	299.82	1,859.86	350.75	310.38	40.36	8.690		
8,000.00	7,291.56	7,257.20	7,078.42	30.07	18.04	53.26	298.73	1,911.74	386.17	346.93	39.23	9.843		
8,100.00	7,291.34	7,200.00	7,043.73	31.33	18.03	49.18	297.49	1,957.17	431.00	392.89	38.10	11.311		
8,200.00	7,291.11	7,150.00	7,010.17	32.62	18.03	45.70	296.25	1,994.20	484.34	447.22	37.12	13.047		
8,300.00	7,290.89	7,114.24	6,984.44	33.95	18.03	43.30	295.27	2,019.01	544.90	508.48	36.41	14.965		
8,400.00	7,290.67	7,077.92	6,956.92	35.30	18.04	40.97	294.20	2,042.68	611.58	575.71	35.87	17.049		
8,500.00	7,290.44	7,050.00	6,934.88	36.69	18.05	39.26	293.33	2,059.79	683.29	647.75	35.53	19.229		
8,600.00	7,290.22	7,018.02	6,908.74	38.09	18.05	37.39	292.29	2,078.19	759.03	723.76	35.27	21.522		
8,700.00	7,290.00	7,000.00	6,893.62	39.51	18.06	36.39	291.68	2,087.96	838.19	803.01	35.18	23.825		
8,800.00	7,289.78	6,971.24	6,868.93	40.96	18.06	34.85	290.68	2,102.66	919.97	884.90	35.06	26.237		
8,900.00	7,289.55	6,950.00	6,850.28	42.42	18.06	33.77	289.91	2,112.80	1,004.08	969.04	35.04	28.657		
9,000.00	7,289.33	6,934.08	6,836.08	43.89	18.06	33.00	289.33	2,119.98	1,090.08	1,055.01	35.07	31.087		
9,100.00	7,289.11	6,918.30	6,821.84	45.38	18.06	32.25	288.73	2,126.75	1,177.67	1,142.56	35.11	33.544		
9,200.00	7,288.88	6,900.00	6,805.12	46.88	18.06	31.41	288.04	2,134.16	1,266.62	1,231.47	35.15	36.037		
9,300.00	7,288.66	6,900.00	6,805.12	48.39	18.06	31.41	288.04	2,134.16	1,356.76	1,321.47	35.29	38.444		
9,400.00	7,288.44	6,879.35	6,786.00	49.91	18.06	30.51	287.23	2,141.93	1,447.72	1,412.40	35.32	40.985		
9,500.00	7,288.21	6,868.60	6,775.96	51.44	18.06	30.05	286.81	2,145.73	1,539.62	1,504.20	35.41	43.478		
9,600.00	7,287.99	6,850.00	6,758.43	52.98	18.05	29.29	286.07	2,151.90	1,632.33	1,596.87	35.46	46.030		
9,700.00	7,287.77	6,850.00	6,758.43	54.53	18.05	29.29	286.07	2,151.90	1,725.52	1,689.91	35.60	48.467		
9,800.00	7,287.54	6,850.00	6,758.43	56.09	18.05	29.29	286.07	2,151.90	1,819.43	1,783.69	35.74	50.911		
9,900.00	7,287.32	6,850.00	6,758.43	57.65	18.05	29.29	286.07	2,151.90	1,913.96	1,878.09	35.87	53.359		
10,000.00	7,287.10	6,826.46	6,736.00	59.21	18.04	28.37	285.11	2,158.97	2,008.45	1,972.55	35.90	55.950		
10,100.00	7,286.87	6,819.81	6,729.62	60.79	18.04	28.12	284.84	2,160.82	2,103.60	2,067.61	36.00	58.434		
10,200.00	7,286.65	6,800.00	6,710.50	62.36	18.03	27.40	284.02	2,165.93	2,199.30	2,163.25	36.05	61.007		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-05 VOLT 19-5 PAD - VOLT 33N-6C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,300.00	7,286.43	6,800.00	6,710.50	63.95	18.03	27.40	284.02	2,165.93	2,295.00	2,258.82	36.18	63.437	
10,400.00	7,286.20	6,800.00	6,710.50	65.53	18.03	27.40	284.02	2,165.93	2,391.04	2,354.74	36.30	65.863	
10,500.00	7,285.98	6,800.00	6,710.50	67.12	18.03	27.40	284.02	2,165.93	2,487.40	2,450.98	36.43	68.283	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 34C-6-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	90.18	-3.26	1,059.63	1,059.63				
100.00	100.00	102.00	98.00	3.28	3.28	90.18	-3.26	1,059.63	1,059.63	1,052.10	7.53	140.738	
200.00	200.00	202.00	198.00	3.31	3.31	90.18	-3.26	1,059.63	1,059.63	1,052.06	7.57	139.893	
205.90	205.90	203.90	203.90	3.31	3.31	90.18	-3.26	1,059.63	1,059.63	1,052.05	7.58	139.843	
300.00	300.00	286.64	286.63	3.35	3.34	90.18	-3.38	1,059.82	1,059.89	1,052.23	7.65	138.462	
400.00	399.98	362.92	362.89	3.41	3.38	23.52	-4.47	1,061.49	1,060.48	1,052.72	7.76	136.712	
500.00	499.84	439.09	438.95	3.50	3.44	23.72	-6.67	1,064.85	1,060.11	1,052.23	7.89	134.427	
600.00	599.45	515.06	514.68	3.61	3.51	24.05	-9.96	1,069.88	1,058.82	1,050.78	8.05	131.601	
700.00	698.70	590.75	589.95	3.75	3.59	24.51	-14.34	1,076.56	1,056.66	1,048.42	8.24	128.282	
800.00	797.47	666.08	664.62	3.91	3.69	25.08	-19.77	1,084.87	1,053.69	1,045.22	8.46	124.520	
900.00	895.62	740.97	738.57	4.12	3.81	25.78	-26.24	1,094.75	1,049.99	1,041.27	8.72	120.391	
1,000.00	993.32	822.51	810.84	4.36	3.97	26.53	-33.61	1,106.01	1,046.73	1,037.70	9.03	115.978	
1,100.00	1,091.01	912.59	907.01	4.63	4.18	27.57	-44.20	1,122.19	1,044.97	1,035.56	9.41	111.076	
1,200.00	1,188.69	1,010.68	1,003.19	4.93	4.43	28.61	-54.78	1,138.38	1,043.57	1,033.73	9.84	106.037	
1,300.00	1,286.38	1,108.78	1,099.36	5.24	4.71	29.66	-65.37	1,154.56	1,042.53	1,032.23	10.31	101.142	
1,400.00	1,384.06	1,206.88	1,195.54	5.57	5.00	30.70	-75.96	1,170.74	1,041.85	1,031.05	10.80	96.455	
1,500.00	1,481.75	1,304.98	1,291.71	5.92	5.32	31.75	-86.55	1,186.93	1,041.54	1,030.22	11.32	92.012	
1,537.89	1,518.76	1,342.15	1,328.15	6.05	5.44	32.15	-90.56	1,193.06	1,041.51	1,029.99	11.52	90.391 CC	
1,600.00	1,579.44	1,403.08	1,387.89	6.27	5.64	32.80	-97.14	1,203.11	1,041.58	1,029.72	11.86	87.843	
1,700.00	1,677.12	1,501.18	1,484.06	6.63	5.98	33.84	-107.73	1,219.29	1,041.99	1,029.57	12.41	83.938 ES	
1,800.00	1,774.81	1,600.72	1,580.23	7.01	6.33	34.89	-118.32	1,235.48	1,042.75	1,029.76	12.99	80.274	
1,900.00	1,872.49	1,702.62	1,676.41	7.21	6.70	35.93	-128.91	1,251.66	1,043.88	1,030.65	13.23	78.902	
2,000.00	1,970.18	1,804.52	1,772.58	7.26	7.07	36.97	-139.50	1,267.84	1,045.36	1,031.82	13.55	77.174	
2,100.00	2,067.87	1,906.42	1,868.76	7.33	7.27	38.01	-150.09	1,284.03	1,047.21	1,033.64	13.57	77.198	
2,200.00	2,165.55	2,008.32	1,964.93	7.42	7.32	39.05	-160.67	1,300.21	1,049.41	1,035.75	13.65	76.854	
2,300.00	2,263.24	2,089.78	2,061.10	7.52	7.37	40.08	-171.26	1,316.39	1,051.96	1,038.19	13.77	76.394	
2,400.00	2,360.92	2,187.88	2,157.28	7.64	7.45	41.10	-181.85	1,332.58	1,054.86	1,040.94	13.92	75.760	
2,500.00	2,458.61	2,285.98	2,253.45	7.77	7.54	42.12	-192.44	1,348.76	1,058.11	1,044.00	14.11	74.993	
2,600.00	2,556.30	2,384.07	2,349.63	7.92	7.65	43.13	-203.03	1,364.94	1,061.71	1,047.38	14.33	74.110	
2,700.00	2,653.98	2,482.17	2,445.80	8.08	7.78	44.14	-213.62	1,381.13	1,065.64	1,051.07	14.57	73.127	
2,800.00	2,751.67	2,580.27	2,541.97	8.26	7.92	45.14	-224.21	1,397.31	1,069.92	1,055.07	14.85	72.062	
2,900.00	2,849.35	2,678.37	2,638.15	8.45	8.07	46.13	-234.80	1,413.49	1,074.53	1,059.38	15.15	70.933	
3,000.00	2,947.04	2,776.47	2,734.32	8.65	8.24	47.11	-245.39	1,429.68	1,079.46	1,063.99	15.47	69.756	
3,100.00	3,044.72	2,874.57	2,830.50	8.86	8.42	48.08	-255.98	1,445.86	1,084.72	1,068.90	15.82	68.545	
3,200.00	3,142.41	2,972.67	2,926.67	9.08	8.61	49.04	-266.56	1,462.04	1,090.31	1,074.11	16.20	67.315	
3,300.00	3,240.10	3,070.77	3,022.84	9.31	8.81	50.00	-277.15	1,478.22	1,096.20	1,079.61	16.59	66.075	
3,400.00	3,337.78	3,168.87	3,119.02	9.55	9.02	50.94	-287.74	1,494.41	1,102.41	1,085.41	17.00	64.838	
3,500.00	3,435.47	3,266.97	3,215.19	9.80	9.24	51.87	-298.33	1,510.59	1,108.92	1,091.49	17.43	63.610	
3,600.00	3,533.15	3,365.07	3,311.37	10.05	9.47	52.80	-308.92	1,526.77	1,115.73	1,097.85	17.88	62.400	
3,700.00	3,630.84	3,463.17	3,407.54	10.31	9.71	53.71	-319.51	1,542.96	1,122.84	1,104.49	18.34	61.212	
3,800.00	3,728.53	3,561.27	3,503.71	10.58	9.95	54.61	-330.10	1,559.14	1,130.23	1,111.41	18.82	60.052	
3,900.00	3,826.21	3,659.37	3,599.89	10.85	10.20	55.50	-340.69	1,575.32	1,137.91	1,118.60	19.31	58.923	
4,000.00	3,923.90	3,757.47	3,696.06	11.13	10.46	56.37	-351.28	1,591.51	1,145.86	1,126.05	19.82	57.827	
4,100.00	4,021.58	3,855.56	3,792.24	11.42	10.72	57.24	-361.87	1,607.69	1,154.09	1,133.76	20.33	56.765	
4,200.00	4,119.27	3,953.66	3,888.41	11.70	10.99	58.09	-372.45	1,623.87	1,162.58	1,141.72	20.86	55.740	
4,300.00	4,216.96	4,051.76	3,984.58	12.00	11.27	58.93	-383.04	1,640.06	1,171.33	1,149.93	21.39	54.751	
4,400.00	4,314.64	4,149.86	4,080.76	12.29	11.54	59.76	-393.63	1,656.24	1,180.33	1,158.39	21.94	53.800	
4,500.00	4,412.33	4,247.96	4,176.93	12.59	11.83	60.58	-404.22	1,672.42	1,189.59	1,167.09	22.49	52.884	
4,600.00	4,510.01	4,346.06	4,273.11	12.90	12.12	61.38	-414.81	1,688.61	1,199.08	1,176.03	23.06	52.005	
4,700.00	4,607.70	4,444.16	4,369.28	13.21	12.41	62.17	-425.40	1,704.79	1,208.82	1,185.19	23.63	51.161	
4,800.00	4,705.39	4,542.26	4,465.46	13.52	12.70	62.95	-435.99	1,720.97	1,218.78	1,194.57	24.21	50.351	
4,900.00	4,803.07	4,640.36	4,561.63	13.83	13.00	63.72	-446.58	1,737.16	1,228.97	1,204.18	24.79	49.574	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 34C-6-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,900.76	4,738.46	4,657.80	14.14	13.30	64.47	-457.17	1,753.34	1,239.38	1,214.00	25.38	48.830		
5,100.00	4,998.44	4,836.56	4,753.98	14.46	13.60	65.21	-467.76	1,769.52	1,250.00	1,224.03	25.98	48.117		
5,200.00	5,096.13	4,934.66	4,850.15	14.78	13.91	65.94	-478.34	1,785.71	1,260.84	1,234.26	26.58	47.434		
5,300.00	5,193.82	5,032.76	4,946.33	15.11	14.22	66.66	-488.93	1,801.89	1,271.87	1,244.69	27.19	46.780		
5,400.00	5,291.50	5,130.86	5,042.50	15.43	14.53	67.36	-499.52	1,818.07	1,283.11	1,255.31	27.80	46.153		
5,500.00	5,389.19	5,228.95	5,138.67	15.76	14.85	68.06	-510.11	1,834.26	1,294.54	1,266.12	28.42	45.553		
5,600.00	5,486.87	5,327.05	5,234.85	16.09	15.16	68.74	-520.70	1,850.44	1,306.16	1,277.12	29.04	44.978		
5,700.00	5,584.56	5,425.15	5,331.02	16.42	15.48	69.41	-531.29	1,866.62	1,317.96	1,288.29	29.67	44.427		
5,800.00	5,682.25	5,523.25	5,427.20	16.75	15.80	70.06	-541.88	1,882.81	1,329.94	1,299.64	30.30	43.899		
5,900.00	5,779.93	5,621.35	5,523.37	17.08	16.12	70.71	-552.47	1,898.99	1,342.09	1,311.16	30.93	43.394		
6,000.00	5,877.62	5,719.45	5,619.54	17.42	16.44	71.34	-563.06	1,915.17	1,354.41	1,322.85	31.56	42.909		
6,100.00	5,975.30	5,817.55	5,715.72	17.75	16.77	71.97	-573.65	1,931.36	1,366.90	1,334.69	32.20	42.444		
6,200.00	6,072.99	5,915.65	5,811.89	18.09	17.10	72.58	-584.23	1,947.54	1,379.54	1,346.70	32.85	41.998		
6,300.00	6,170.67	6,013.75	5,908.07	18.43	17.42	73.18	-594.82	1,963.72	1,392.34	1,358.85	33.49	41.570		
6,400.00	6,268.36	6,111.85	6,004.24	18.77	17.75	73.77	-605.41	1,979.90	1,405.30	1,371.16	34.14	41.160		
6,500.00	6,366.05	6,209.95	6,100.41	19.11	18.08	74.35	-616.00	1,996.09	1,418.40	1,383.60	34.79	40.765		
6,600.00	6,463.73	6,308.05	6,196.59	19.45	18.41	74.92	-626.59	2,012.27	1,431.64	1,396.19	35.45	40.387		
6,700.00	6,561.42	6,406.15	6,292.76	19.79	18.74	75.48	-637.18	2,028.45	1,445.02	1,408.92	36.10	40.024		
6,800.00	6,659.10	6,504.92	6,302.80	20.13	21.04	76.06	-755.74	1,201.32	1,432.44	1,393.54	38.91	36.818		
6,900.00	6,756.79	6,602.14	6,303.52	20.48	20.90	76.66	-755.65	1,224.08	1,399.08	1,359.41	39.67	35.272		
7,000.00	6,853.49	6,700.29	6,304.38	20.85	20.75	77.24	-755.55	1,250.92	1,372.14	1,331.75	40.39	33.972		
7,100.00	6,945.46	6,794.22	6,305.68	21.34	20.56	77.84	-755.39	1,291.96	1,352.58	1,311.48	41.10	32.909		
7,200.00	7,030.35	6,883.07	6,307.42	21.94	20.33	78.44	-755.18	1,346.74	1,339.95	1,298.18	41.77	32.080		
7,300.00	7,106.06	6,958.22	6,309.55	22.66	20.15	79.04	-754.92	1,413.90	1,333.18	1,290.73	42.45	31.404		
7,400.00	7,170.73	7,022.57	6,303.27	23.49	19.99	79.64	-753.27	1,543.18	1,329.53	1,286.52	43.01	30.912		
7,500.00	7,222.77	7,066.90	6,275.94	24.43	19.97	80.24	-749.40	1,655.35	1,326.42	1,282.61	43.80	30.282		
7,600.00	7,260.89	7,098.98	6,237.82	25.45	20.00	80.84	-744.50	1,744.21	1,324.31	1,279.57	44.75	29.595		
7,700.00	7,284.16	7,104.89	6,193.63	26.55	20.04	81.44	-739.05	1,816.65	1,323.23	1,277.48	45.76	28.919		
7,800.00	7,292.01	7,102.64	6,145.52	27.69	20.09	82.04	-733.25	1,876.76	1,322.91	1,276.14	46.77	28.284		
7,801.81	7,292.01	7,102.64	6,144.62	27.71	20.09	82.06	-733.14	1,877.75	1,322.91	1,276.12	46.79	28.273		
7,900.00	7,291.78	7,100.60	6,098.16	28.86	20.12	82.64	-727.63	1,923.82	1,324.70	1,276.94	47.76	27.734		
8,000.00	7,291.56	7,100.32	6,056.38	30.07	20.14	83.24	-722.72	1,958.09	1,330.97	1,282.26	48.71	27.325		
8,100.00	7,291.34	7,100.07	6,020.26	31.33	20.16	83.84	-718.52	1,983.30	1,342.46	1,292.88	49.58	27.076		
8,200.00	7,291.11	7,100.03	6,989.28	32.62	20.16	84.44	-714.93	2,002.12	1,359.61	1,309.25	50.36	26.996 SF		
8,300.00	7,290.89	7,100.00	6,966.86	33.95	20.17	85.04	-712.34	2,014.28	1,382.61	1,331.55	51.07	27.075		
8,400.00	7,290.67	7,099.75	6,939.80	35.30	20.16	85.64	-709.23	2,027.44	1,411.41	1,359.79	51.62	27.342		
8,500.00	7,290.44	7,050.00	6,921.82	36.69	20.16	86.24	-707.17	2,035.33	1,445.90	1,393.80	52.10	27.752		
8,600.00	7,290.22	7,029.33	6,902.74	38.09	20.16	86.84	-704.99	2,042.98	1,485.80	1,433.34	52.46	28.324		
8,700.00	7,290.00	7,013.13	6,887.62	39.51	20.15	87.44	-703.26	2,048.54	1,530.79	1,478.06	52.73	29.030		
8,800.00	7,289.78	7,000.00	6,875.27	40.96	20.15	88.04	-701.86	2,052.76	1,580.52	1,527.59	52.93	29.860		
8,900.00	7,289.55	6,986.48	6,862.46	42.42	20.14	88.64	-700.40	2,056.84	1,634.60	1,581.56	53.04	30.817		
9,000.00	7,289.33	6,975.40	6,851.90	43.89	20.13	89.24	-699.20	2,059.97	1,692.67	1,639.56	53.10	31.876		
9,100.00	7,289.11	6,965.52	6,842.44	45.38	20.13	89.84	-698.13	2,062.61	1,754.34	1,701.23	53.11	33.031		
9,200.00	7,288.88	6,950.00	6,827.50	46.88	20.12	90.44	-696.44	2,066.46	1,819.33	1,766.29	53.04	34.300		
9,300.00	7,288.66	6,950.00	6,827.50	48.39	20.12	91.04	-696.44	2,066.46	1,887.20	1,834.17	53.03	35.587		
9,400.00	7,288.44	6,950.00	6,827.50	49.91	20.12	91.64	-696.44	2,066.46	1,957.83	1,904.84	52.99	36.947		
9,500.00	7,288.21	6,950.00	6,827.50	51.44	20.12	92.24	-696.44	2,066.46	2,030.93	1,978.00	52.93	38.372		
9,600.00	7,287.99	6,928.74	6,806.89	52.98	20.10	92.84	-694.11	2,071.13	2,105.85	2,053.13	52.72	39.944		
9,700.00	7,287.77	6,923.20	6,801.50	54.53	20.09	93.44	-693.50	2,072.24	2,182.92	2,130.32	52.60	41.501		
9,800.00	7,287.54	6,918.10	6,796.52	56.09	20.09	94.04	-692.94	2,073.21	2,261.73	2,209.26	52.47	43.102		
9,900.00	7,287.32	6,900.00	6,778.81	57.65	20.07	94.64	-690.94	2,076.34	2,342.28	2,290.01	52.27	44.815		
10,000.00	7,287.10	6,900.00	6,778.81	59.21	20.07	95.24	-690.94	2,076.34	2,424.01	2,371.84	52.17	46.466		



## Hewlett-Packard

### Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 34N-6B-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	-2.00	3.28	3.28	90.17	-3.26	1,079.67	1,079.68				
100.00	100.00	102.00	98.00	3.28	3.28	90.17	-3.26	1,079.67	1,079.68	1,072.15	7.53	143.401	
200.00	200.00	198.00	198.00	3.31	3.30	90.17	-3.26	1,079.67	1,079.68	1,072.10	7.57	142.565	
300.00	300.00	273.04	273.03	3.35	3.33	90.19	-3.65	1,080.51	1,080.81	1,073.16	7.65	141.350	
400.00	399.98	347.49	347.43	3.41	3.37	23.52	-4.87	1,083.11	1,082.70	1,074.95	7.75	139.787	
500.00	499.84	421.84	421.62	3.50	3.43	23.70	-6.91	1,087.44	1,083.76	1,075.89	7.87	137.716	
600.00	599.45	500.00	499.45	3.61	3.50	24.00	-9.94	1,093.87	1,084.01	1,075.98	8.03	135.008	
700.00	698.70	569.98	568.95	3.75	3.58	24.37	-13.41	1,101.26	1,083.48	1,075.27	8.21	131.978	
800.00	797.47	643.66	641.89	3.91	3.68	24.86	-17.85	1,110.69	1,082.23	1,073.80	8.43	128.421	
900.00	895.62	717.01	714.21	4.12	3.80	25.44	-23.06	1,121.77	1,080.33	1,071.65	8.68	124.492	
1,000.00	993.32	807.61	803.22	4.36	3.98	26.24	-30.25	1,137.05	1,078.35	1,069.34	9.01	119.666	
1,100.00	1,091.01	906.22	900.09	4.63	4.21	27.10	-38.12	1,153.77	1,076.70	1,067.30	9.41	114.480	
1,200.00	1,188.69	1,004.84	996.95	4.93	4.46	27.97	-45.99	1,170.49	1,075.30	1,065.47	9.83	109.343	
1,300.00	1,286.38	1,103.45	1,093.82	5.24	4.74	28.84	-53.85	1,187.21	1,074.16	1,063.86	10.29	104.350	
1,400.00	1,384.06	1,202.07	1,190.69	5.57	5.03	29.71	-61.72	1,203.93	1,073.27	1,062.49	10.78	99.562	
1,500.00	1,481.75	1,300.68	1,287.56	5.92	5.34	30.59	-69.59	1,220.65	1,072.63	1,061.34	11.29	95.015	
1,600.00	1,579.44	1,400.71	1,384.42	6.27	5.66	31.46	-77.45	1,237.37	1,072.25	1,060.43	11.82	90.700	
1,697.16	1,674.35	1,504.89	1,478.54	6.62	6.01	32.31	-85.10	1,253.62	1,072.13	1,059.76	12.38	86.636 CC	
1,700.00	1,677.12	1,497.91	1,481.29	6.63	5.99	32.33	-85.32	1,254.09	1,072.13	1,059.77	12.37	86.705	
1,800.00	1,774.81	1,603.48	1,578.16	7.01	6.35	33.21	-93.19	1,270.81	1,072.27	1,059.32	12.95	82.824 ES	
1,900.00	1,872.49	1,704.86	1,675.03	7.21	6.71	34.08	-101.06	1,287.53	1,072.66	1,059.49	13.18	81.414	
2,000.00	1,970.18	1,806.25	1,771.89	7.26	7.06	34.96	-108.92	1,304.25	1,073.31	1,059.83	13.48	79.634	
2,100.00	2,067.87	1,907.64	1,868.76	7.33	7.25	35.83	-116.79	1,320.97	1,074.21	1,060.72	13.49	79.626	
2,200.00	2,165.55	2,009.02	1,965.63	7.42	7.29	36.70	-124.66	1,337.69	1,075.37	1,061.79	13.58	79.196	
2,300.00	2,263.24	2,089.59	2,062.49	7.52	7.34	37.57	-132.52	1,354.41	1,076.79	1,063.10	13.69	78.642	
2,400.00	2,360.92	2,188.21	2,159.36	7.64	7.42	38.43	-140.39	1,371.13	1,078.46	1,064.61	13.84	77.903	
2,500.00	2,458.61	2,286.82	2,256.23	7.77	7.51	39.29	-148.26	1,387.85	1,080.38	1,066.35	14.03	77.024	
2,600.00	2,556.30	2,385.43	2,353.10	7.92	7.62	40.15	-156.12	1,404.57	1,082.55	1,068.31	14.24	76.022	
2,700.00	2,653.98	2,484.05	2,449.96	8.08	7.74	41.01	-163.99	1,421.29	1,084.97	1,070.48	14.48	74.914	
2,800.00	2,751.67	2,582.66	2,546.83	8.26	7.87	41.86	-171.86	1,438.01	1,087.63	1,072.88	14.75	73.721	
2,900.00	2,849.35	2,681.28	2,643.70	8.45	8.02	42.71	-179.73	1,454.73	1,090.55	1,075.50	15.05	72.459	
3,000.00	2,947.04	2,779.89	2,740.57	8.65	8.18	43.55	-187.59	1,471.45	1,093.71	1,078.33	15.37	71.146	
3,100.00	3,044.72	2,878.50	2,837.43	8.86	8.35	44.39	-195.46	1,488.17	1,097.11	1,081.39	15.72	69.799	
3,200.00	3,142.41	2,977.12	2,934.30	9.08	8.54	45.23	-203.33	1,504.89	1,100.75	1,084.66	16.09	68.430	
3,300.00	3,240.10	3,075.73	3,031.17	9.31	8.73	46.05	-211.19	1,521.61	1,104.62	1,088.15	16.47	67.052	
3,400.00	3,337.78	3,174.35	3,128.03	9.55	8.93	46.88	-219.06	1,538.33	1,108.73	1,091.85	16.88	65.677	
3,500.00	3,435.47	3,272.96	3,224.90	9.80	9.15	47.69	-226.93	1,555.05	1,113.08	1,095.77	17.31	64.313	
3,600.00	3,533.15	3,371.57	3,321.77	10.05	9.37	48.50	-234.79	1,571.77	1,117.65	1,099.90	17.75	62.968	
3,700.00	3,630.84	3,470.19	3,418.64	10.31	9.60	49.30	-242.66	1,588.49	1,122.45	1,104.24	18.21	61.648	
3,800.00	3,728.53	3,568.80	3,515.50	10.58	9.83	50.10	-250.53	1,605.21	1,127.47	1,108.79	18.68	60.358	
3,900.00	3,826.21	3,667.42	3,612.37	10.85	10.08	50.89	-258.40	1,621.93	1,132.72	1,113.55	19.17	59.101	
4,000.00	3,923.90	3,766.03	3,709.24	11.13	10.33	51.67	-266.26	1,638.65	1,138.18	1,118.51	19.66	57.880	
4,100.00	4,021.58	3,864.64	3,806.11	11.42	10.58	52.45	-274.13	1,655.37	1,143.85	1,123.68	20.17	56.697	
4,200.00	4,119.27	3,963.26	3,902.97	11.70	10.84	53.21	-282.00	1,672.09	1,149.74	1,129.05	20.70	55.553	
4,300.00	4,216.96	4,061.87	3,999.84	12.00	11.11	53.97	-289.86	1,688.81	1,155.84	1,134.61	21.23	54.449	
4,400.00	4,314.64	4,160.49	4,096.71	12.29	11.38	54.72	-297.73	1,705.53	1,162.14	1,140.37	21.77	53.385	
4,500.00	4,412.33	4,259.10	4,193.58	12.59	11.66	55.47	-305.60	1,722.25	1,168.64	1,146.32	22.32	52.361	
4,600.00	4,510.01	4,357.71	4,290.44	12.90	11.94	56.20	-313.46	1,738.97	1,175.34	1,152.46	22.88	51.376	
4,700.00	4,607.70	4,456.33	4,387.31	13.21	12.22	56.93	-321.33	1,755.69	1,182.24	1,158.79	23.44	50.429	
4,800.00	4,705.39	4,554.94	4,484.18	13.52	12.51	57.65	-329.20	1,772.41	1,189.32	1,165.31	24.02	49.520	
4,900.00	4,803.07	4,653.56	4,581.04	13.83	12.80	58.36	-337.07	1,789.13	1,196.60	1,172.00	24.60	48.648	
5,000.00	4,900.76	4,752.17	4,677.91	14.14	13.09	59.06	-344.93	1,805.85	1,204.06	1,178.88	25.18	47.810	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 34N-6B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	4,998.44	4,850.78	4,774.78	14.46	13.39	59.75	-352.80	1,822.58	1,211.70	1,185.92	25.78	47.007		
5,200.00	5,096.13	4,949.40	4,871.65	14.78	13.69	60.44	-360.67	1,839.30	1,219.52	1,193.14	26.38	46.237		
5,300.00	5,193.82	5,048.01	4,968.51	15.11	13.99	61.11	-368.53	1,856.02	1,227.51	1,200.53	26.98	45.499		
5,400.00	5,291.50	5,146.63	5,065.38	15.43	14.29	61.78	-376.40	1,872.74	1,235.68	1,208.09	27.59	44.791		
5,500.00	5,389.19	5,245.24	5,162.25	15.76	14.60	62.44	-384.27	1,889.46	1,244.01	1,215.81	28.20	44.112		
5,600.00	5,486.87	5,343.85	5,259.12	16.09	14.91	63.09	-392.13	1,906.18	1,252.51	1,223.69	28.82	43.460		
5,700.00	5,584.56	5,442.47	5,355.98	16.42	15.22	63.73	-400.00	1,922.90	1,261.16	1,231.72	29.44	42.836		
5,800.00	5,682.25	5,541.08	5,452.85	16.75	15.53	64.36	-407.87	1,939.62	1,269.98	1,239.91	30.07	42.237		
5,900.00	5,779.93	5,639.70	5,549.72	17.08	15.84	64.98	-415.74	1,956.34	1,278.95	1,248.25	30.70	41.662		
6,000.00	5,877.62	5,738.31	5,646.58	17.42	16.16	65.60	-423.60	1,973.06	1,288.07	1,256.74	31.33	41.111		
6,100.00	5,975.30	5,836.92	5,743.45	17.75	16.47	66.21	-431.47	1,989.78	1,297.34	1,265.37	31.97	40.581		
6,200.00	6,072.99	5,935.54	5,840.32	18.09	16.79	66.80	-439.34	2,006.50	1,306.75	1,274.14	32.61	40.073		
6,300.00	6,170.67	6,034.15	5,937.19	18.43	17.11	67.39	-447.20	2,023.22	1,316.31	1,283.06	33.25	39.585		
6,400.00	6,268.36	6,132.77	6,034.05	18.77	17.43	67.98	-455.07	2,039.94	1,326.00	1,292.10	33.90	39.116		
6,500.00	6,366.05	7,917.74	7,108.79	19.11	20.98	121.11	-549.16	1,142.68	1,284.66	1,247.99	36.68	35.028		
6,600.00	6,463.73	7,904.51	7,109.37	19.45	20.87	120.00	-549.07	1,164.92	1,237.99	1,200.42	37.58	32.944		
6,700.00	6,561.42	7,873.25	7,109.96	19.79	20.65	118.89	-548.97	1,187.16	1,197.46	1,159.09	38.38	31.202		
6,800.00	6,659.10	7,851.00	7,110.54	20.13	20.50	117.77	-548.88	1,209.40	1,163.71	1,124.50	39.21	29.680		
6,900.00	6,756.79	7,828.75	7,111.13	20.48	20.35	116.65	-548.79	1,231.64	1,137.33	1,097.35	39.98	28.447		
7,000.00	6,853.49	7,802.42	7,111.82	20.85	20.17	108.58	-548.68	1,257.96	1,119.05	1,078.39	40.66	27.524		
7,100.00	6,945.46	7,761.85	7,112.89	21.34	19.94	102.78	-548.52	1,298.52	1,109.29	1,068.04	41.26	26.887		
7,184.57	7,017.80	7,716.73	7,114.07	21.85	19.70	98.93	-548.33	1,343.62	1,106.95	1,065.26	41.69	26.550		
7,200.00	7,030.35	7,707.49	7,114.31	21.94	19.65	98.26	-548.29	1,352.85	1,107.02	1,065.26	41.76	26.512		
7,300.00	7,106.06	7,640.70	7,116.07	22.66	19.38	94.02	-548.02	1,419.62	1,110.41	1,068.18	42.24	26.290		
7,400.00	7,170.73	7,560.27	7,116.60	23.49	19.14	89.90	-547.56	1,500.03	1,117.22	1,074.51	42.71	26.157		
7,500.00	7,222.77	7,479.90	7,108.01	24.43	18.98	86.10	-546.35	1,579.88	1,125.53	1,082.25	43.28	26.006		
7,600.00	7,260.89	7,404.48	7,090.90	25.45	18.90	82.74	-544.48	1,653.25	1,134.57	1,090.65	43.92	25.831		
7,700.00	7,284.16	7,332.78	7,066.72	26.55	18.86	79.79	-542.06	1,720.68	1,143.68	1,099.05	44.63	25.627		
7,800.00	7,292.01	7,263.90	7,036.52	27.69	18.85	77.25	-539.19	1,782.48	1,152.18	1,106.82	45.36	25.399		
7,900.00	7,291.78	7,200.00	7,002.70	28.86	18.86	75.58	-536.07	1,836.57	1,161.96	1,115.86	46.10	25.206		
8,000.00	7,291.56	7,144.12	6,968.83	30.07	18.88	73.93	-533.00	1,880.88	1,175.98	1,129.20	46.78	25.137 SF		
8,100.00	7,291.34	7,100.00	6,939.42	31.33	18.90	72.51	-530.37	1,913.66	1,194.87	1,147.47	47.40	25.207		
8,200.00	7,291.11	7,050.00	6,903.45	32.62	18.93	70.80	-527.20	1,948.23	1,218.97	1,171.08	47.89	25.452		
8,300.00	7,290.89	7,015.78	6,877.33	33.95	18.94	69.57	-524.91	1,970.21	1,248.50	1,200.19	48.31	25.843		
8,400.00	7,290.67	6,983.47	6,851.62	35.30	18.95	68.38	-522.67	1,989.64	1,283.47	1,234.86	48.62	26.399		
8,500.00	7,290.44	6,950.00	6,823.98	36.69	18.97	67.11	-520.28	2,008.36	1,323.77	1,274.96	48.81	27.121		
8,600.00	7,290.22	6,930.25	6,807.23	38.09	18.97	66.35	-518.83	2,018.71	1,369.10	1,320.14	48.96	27.963		
8,700.00	7,290.00	6,900.00	6,780.96	39.51	18.98	65.17	-516.58	2,033.54	1,419.26	1,370.28	48.98	28.977		
8,800.00	7,289.78	6,900.00	6,780.96	40.96	18.98	65.17	-516.58	2,033.54	1,473.82	1,424.75	49.07	30.035		
8,900.00	7,289.55	6,871.16	6,755.29	42.42	18.98	64.04	-514.39	2,046.50	1,532.26	1,483.29	48.97	31.292		
9,000.00	7,289.33	6,850.00	6,736.10	43.89	18.98	63.20	-512.75	2,055.26	1,594.51	1,545.66	48.85	32.638		
9,100.00	7,289.11	6,850.00	6,736.10	45.38	18.98	63.20	-512.75	2,055.26	1,660.10	1,611.29	48.81	34.010		
9,200.00	7,288.88	6,828.56	6,716.37	46.88	18.98	62.35	-511.08	2,063.48	1,728.59	1,679.95	48.64	35.541		
9,300.00	7,288.66	6,816.94	6,705.56	48.39	18.98	61.89	-510.16	2,067.66	1,799.84	1,751.34	48.49	37.114		
9,400.00	7,288.44	6,800.00	6,689.68	49.91	18.97	61.22	-508.82	2,073.39	1,873.54	1,825.23	48.31	38.778		
9,500.00	7,288.21	6,800.00	6,689.68	51.44	18.97	61.22	-508.82	2,073.39	1,949.35	1,901.14	48.21	40.434		
9,600.00	7,287.99	6,800.00	6,689.68	52.98	18.97	61.22	-508.82	2,073.39	2,027.27	1,979.16	48.10	42.145		
9,700.00	7,287.77	6,779.55	6,670.31	54.53	18.97	60.41	-507.18	2,079.73	2,106.67	2,058.77	47.89	43.985		
9,800.00	7,287.54	6,771.98	6,663.09	56.09	18.96	60.11	-506.57	2,081.93	2,187.78	2,140.03	47.75	45.815		
9,900.00	7,287.32	6,750.00	6,641.98	57.65	18.95	59.25	-504.80	2,087.80	2,270.51	2,222.96	47.54	47.756		
10,000.00	7,287.10	6,750.00	6,641.98	59.21	18.95	59.25	-504.80	2,087.80	2,354.17	2,306.72	47.45	49.615		
10,100.00	7,286.87	6,750.00	6,641.98	60.79	18.95	59.25	-504.80	2,087.80	2,439.06	2,391.71	47.36	51.504		

## Hewlett-Packard

### Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	-2.00	3.28	3.28	90.16	-2.89	1,039.58	1,039.59					
100.00	100.00	102.00	98.00	3.28	3.28	90.16	-2.89	1,039.58	1,039.59	1,032.06	7.53	138.076		
200.00	200.00	202.00	198.00	3.31	3.31	90.16	-2.89	1,039.58	1,039.59	1,032.01	7.57	137.247		
205.90	205.90	203.90	203.90	3.31	3.31	90.16	-2.89	1,039.58	1,039.59	1,032.01	7.58	137.198		
300.00	300.00	287.46	287.45	3.35	3.34	90.17	-3.05	1,039.77	1,039.83	1,032.17	7.66	135.836		
400.00	399.98	365.44	365.41	3.41	3.38	23.52	-4.37	1,041.38	1,040.30	1,032.54	7.76	134.089		
500.00	499.84	443.28	443.13	3.50	3.44	23.76	-7.02	1,044.62	1,039.70	1,031.81	7.89	131.783		
600.00	599.45	520.86	520.46	3.61	3.51	24.14	-11.00	1,049.48	1,038.07	1,030.01	8.05	128.915		
700.00	698.70	600.00	599.13	3.75	3.60	24.67	-16.42	1,056.11	1,035.46	1,027.21	8.25	125.496		
800.00	797.47	674.86	673.30	3.91	3.70	25.32	-22.81	1,063.92	1,031.96	1,023.49	8.48	121.712		
900.00	895.62	751.06	748.51	4.12	3.83	26.11	-30.57	1,073.40	1,027.69	1,018.94	8.75	117.505		
1,000.00	993.32	826.74	822.85	4.36	3.98	26.98	-39.54	1,084.36	1,023.81	1,014.76	9.05	113.156		
1,100.00	1,091.01	908.56	902.81	4.63	4.17	27.99	-50.54	1,097.79	1,022.35	1,012.95	9.40	108.722		
1,200.00	1,188.69	1,006.05	997.95	4.93	4.44	29.21	-64.00	1,114.25	1,021.90	1,012.06	9.85	103.778		
1,241.89	1,229.61	1,046.88	1,037.80	5.06	4.56	29.72	-69.65	1,121.15	1,021.86	1,011.81	10.04	101.729 CC		
1,300.00	1,286.38	1,103.53	1,093.08	5.24	4.73	30.43	-77.47	1,130.71	1,021.94	1,011.62	10.32	98.980 ES		
1,400.00	1,384.06	1,201.02	1,188.22	5.57	5.04	31.64	-90.94	1,147.16	1,022.47	1,011.63	10.83	94.392		
1,500.00	1,481.75	1,298.50	1,283.36	5.92	5.38	32.86	-104.41	1,163.62	1,023.48	1,012.11	11.36	90.062		
1,600.00	1,579.44	1,395.98	1,378.49	6.27	5.72	34.07	-117.88	1,180.08	1,024.97	1,013.06	11.92	86.008		
1,700.00	1,677.12	1,506.53	1,473.63	6.63	6.13	35.28	-131.35	1,196.53	1,026.95	1,014.42	12.53	81.981		
1,800.00	1,774.81	1,609.05	1,568.77	7.01	6.52	36.49	-144.82	1,212.99	1,029.40	1,016.27	13.13	78.403		
1,900.00	1,872.49	1,688.44	1,663.90	7.21	6.83	37.68	-158.28	1,229.45	1,032.33	1,019.02	13.32	77.512		
2,000.00	1,970.18	1,785.92	1,759.04	7.26	7.22	38.87	-171.75	1,245.90	1,035.74	1,022.10	13.64	75.925		
2,100.00	2,067.87	1,883.41	1,854.18	7.33	7.46	40.06	-185.22	1,262.36	1,039.61	1,025.92	13.69	75.940		
2,200.00	2,165.55	1,980.89	1,949.31	7.42	7.54	41.23	-198.69	1,278.82	1,043.94	1,030.14	13.80	75.653		
2,300.00	2,263.24	2,078.37	2,044.45	7.52	7.60	42.40	-212.16	1,295.27	1,048.72	1,034.81	13.92	75.351		
2,400.00	2,360.92	2,175.86	2,139.58	7.64	7.69	43.55	-225.63	1,311.73	1,053.96	1,039.89	14.07	74.905		
2,500.00	2,458.61	2,273.34	2,234.72	7.77	7.79	44.69	-239.09	1,328.19	1,059.64	1,045.38	14.26	74.326		
2,600.00	2,556.30	2,370.83	2,329.86	7.92	7.91	45.83	-252.56	1,344.64	1,065.75	1,051.28	14.47	73.632		
2,700.00	2,653.98	2,468.31	2,424.99	8.08	8.04	46.94	-266.03	1,361.10	1,072.30	1,057.58	14.72	72.837		
2,800.00	2,751.67	2,565.80	2,520.13	8.26	8.19	48.05	-279.50	1,377.56	1,079.26	1,064.26	15.00	71.958		
2,900.00	2,849.35	2,663.28	2,615.27	8.45	8.35	49.14	-292.97	1,394.02	1,086.64	1,071.34	15.30	71.011		
3,000.00	2,947.04	2,760.76	2,710.40	8.65	8.53	50.21	-306.44	1,410.47	1,094.42	1,078.79	15.63	70.013		
3,100.00	3,044.72	2,858.25	2,805.54	8.86	8.72	51.28	-319.91	1,426.93	1,102.60	1,086.61	15.99	68.976		
3,200.00	3,142.41	2,955.73	2,900.68	9.08	8.92	52.32	-333.37	1,443.39	1,111.16	1,094.80	16.36	67.913		
3,300.00	3,240.10	3,053.22	2,995.81	9.31	9.13	53.35	-346.84	1,459.84	1,120.11	1,103.35	16.76	66.837		
3,400.00	3,337.78	3,150.70	3,090.95	9.55	9.35	54.37	-360.31	1,476.30	1,129.42	1,112.24	17.18	65.757		
3,500.00	3,435.47	3,248.19	3,186.09	9.80	9.58	55.37	-373.78	1,492.76	1,139.09	1,121.48	17.61	64.681		
3,600.00	3,533.15	3,345.67	3,281.22	10.05	9.83	56.35	-387.25	1,509.21	1,149.11	1,131.05	18.06	63.616		
3,700.00	3,630.84	3,443.15	3,376.36	10.31	10.07	57.31	-400.72	1,525.67	1,159.48	1,140.95	18.53	62.569		
3,800.00	3,728.53	3,540.64	3,471.50	10.58	10.33	58.26	-414.18	1,542.13	1,170.17	1,151.16	19.01	61.543		
3,900.00	3,826.21	3,638.12	3,566.63	10.85	10.60	59.19	-427.65	1,558.58	1,181.20	1,161.69	19.51	60.541		
4,000.00	3,923.90	3,735.61	3,661.77	11.13	10.87	60.11	-441.12	1,575.04	1,192.53	1,172.51	20.02	59.568		
4,100.00	4,021.58	3,833.09	3,756.91	11.42	11.14	61.01	-454.59	1,591.50	1,204.17	1,183.63	20.54	58.624		
4,200.00	4,119.27	3,930.58	3,852.04	11.70	11.43	61.89	-468.06	1,607.95	1,216.11	1,195.04	21.07	57.710		
4,300.00	4,216.96	4,028.06	3,947.18	12.00	11.71	62.75	-481.53	1,624.41	1,228.34	1,206.73	21.61	56.828		
4,400.00	4,314.64	4,125.54	4,042.32	12.29	12.01	63.60	-495.00	1,640.87	1,240.85	1,218.68	22.17	55.978		
4,500.00	4,412.33	4,223.03	4,137.45	12.59	12.31	64.43	-508.46	1,657.32	1,253.63	1,230.90	22.73	55.160		
4,600.00	4,510.01	4,320.51	4,232.59	12.90	12.61	65.25	-521.93	1,673.78	1,266.67	1,243.37	23.30	54.373		
4,700.00	4,607.70	4,418.00	4,327.73	13.21	12.91	66.05	-535.40	1,690.24	1,279.97	1,256.09	23.87	53.617		
4,800.00	4,705.39	4,515.48	4,422.86	13.52	13.22	66.83	-548.87	1,706.69	1,293.51	1,269.05	24.46	52.891		
4,900.00	4,803.07	4,612.97	4,518.00	13.83	13.53	67.59	-562.34	1,723.15	1,307.30	1,282.25	25.05	52.195		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 34N-6C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,900.76	4,710.45	4,613.13	14.14	13.85	68.35	-575.81	1,739.61	1,321.31	1,295.67	25.64	51.527		
5,100.00	4,998.44	4,807.93	4,708.27	14.46	14.17	69.08	-589.28	1,756.06	1,335.55	1,309.31	26.25	50.886		
5,200.00	5,096.13	4,905.42	4,803.41	14.78	14.49	69.80	-602.74	1,772.52	1,350.01	1,323.16	26.85	50.273		
5,300.00	5,193.82	5,002.90	4,898.54	15.11	14.82	70.51	-616.21	1,788.98	1,364.68	1,337.22	27.47	49.684		
5,400.00	5,291.50	5,100.39	4,993.68	15.43	15.14	71.20	-629.68	1,805.43	1,379.56	1,351.47	28.09	49.120		
5,500.00	5,389.19	5,202.13	5,088.82	15.76	15.49	71.88	-643.15	1,821.89	1,394.63	1,365.91	28.72	48.558		
5,600.00	5,486.87	5,304.64	5,183.95	16.09	15.83	72.54	-656.62	1,838.35	1,409.89	1,380.53	29.36	48.017		
5,700.00	5,584.56	5,407.16	5,279.09	16.42	16.18	73.19	-670.09	1,854.80	1,425.34	1,395.33	30.01	47.497		
5,800.00	5,682.25	5,509.68	5,374.23	16.75	16.54	73.82	-683.55	1,871.26	1,440.97	1,410.31	30.66	47.000		
5,900.00	5,779.93	5,587.81	5,469.36	17.08	16.81	74.44	-697.02	1,887.72	1,456.77	1,425.53	31.24	46.631		
6,000.00	5,877.62	5,685.29	5,564.50	17.42	17.15	75.05	-710.49	1,904.17	1,472.74	1,440.86	31.88	46.193		
6,100.00	5,975.30	5,782.78	5,659.64	17.75	17.49	75.65	-723.96	1,920.63	1,488.87	1,456.34	32.53	45.772		
6,200.00	6,072.99	5,880.26	5,754.77	18.09	17.83	76.23	-737.43	1,937.09	1,505.16	1,471.98	33.18	45.369		
6,300.00	6,170.67	5,977.75	5,849.91	18.43	18.17	76.80	-750.90	1,953.54	1,521.60	1,487.77	33.83	44.981		
6,400.00	6,268.36	6,075.23	5,945.05	18.77	18.51	77.36	-764.37	1,970.00	1,538.19	1,503.71	34.48	44.609		
6,500.00	6,366.05	6,172.71	6,040.18	19.11	18.86	77.91	-777.83	1,986.46	1,554.92	1,519.78	35.14	44.252		
6,600.00	6,463.73	6,270.20	6,135.32	19.45	19.21	78.44	-791.30	2,002.91	1,571.79	1,535.99	35.80	43.908		
6,700.00	6,561.42	6,367.68	6,230.46	19.79	19.55	78.97	-804.77	2,019.37	1,588.79	1,552.33	36.46	43.578		
6,800.00	6,659.10	7,932.01	7,184.63	20.13	21.15	117.07	-951.17	1,206.95	1,565.58	1,525.82	39.75	39.385		
6,900.00	6,756.79	7,908.75	7,185.48	20.48	21.04	116.22	-951.02	1,230.19	1,543.60	1,503.18	40.42	38.193		
7,000.00	6,853.49	7,881.42	7,186.48	20.85	20.93	108.32	-950.85	1,257.51	1,527.69	1,486.64	41.05	37.216		
7,100.00	6,945.46	7,839.90	7,187.99	21.34	20.79	102.98	-950.59	1,299.00	1,518.17	1,476.52	41.65	36.450		
7,200.00	7,030.35	7,784.68	7,190.01	21.94	20.67	99.23	-950.24	1,354.18	1,514.28	1,472.05	42.22	35.863		
7,236.10	7,058.85	7,761.63	7,190.85	22.20	20.64	98.00	-950.09	1,377.22	1,514.01	1,471.56	42.45	35.664		
7,300.00	7,106.06	7,705.30	7,192.43	22.66	20.59	95.62	-949.67	1,433.51	1,514.68	1,471.90	42.77	35.411		
7,400.00	7,170.73	7,585.37	7,181.02	23.49	20.60	91.35	-946.65	1,552.69	1,516.36	1,473.05	43.31	35.011		
7,500.00	7,222.77	7,486.17	7,155.01	24.43	20.66	87.88	-941.81	1,648.18	1,518.45	1,474.39	44.05	34.468		
7,600.00	7,260.89	7,399.82	7,120.64	25.45	20.72	84.98	-935.96	1,727.11	1,520.87	1,475.95	44.92	33.858		
7,700.00	7,284.16	7,321.87	7,080.78	26.55	20.78	82.52	-929.47	1,793.73	1,523.33	1,477.48	45.86	33.219		
7,800.00	7,292.01	7,249.68	7,036.93	27.69	20.83	80.45	-922.51	1,850.60	1,525.43	1,478.61	46.81	32.585		
7,900.00	7,291.78	7,185.96	6,993.13	28.86	20.86	78.79	-915.69	1,896.34	1,528.82	1,481.05	47.78	32.000		
8,000.00	7,291.56	7,133.40	6,953.74	30.07	20.89	77.30	-909.64	1,930.59	1,536.13	1,487.42	48.72	31.532		
8,100.00	7,291.34	7,089.86	6,919.08	31.33	20.90	76.00	-904.37	1,956.39	1,547.94	1,498.33	49.62	31.199		
8,200.00	7,291.11	7,050.00	6,885.88	32.62	20.91	74.75	-899.35	1,977.86	1,564.62	1,514.17	50.44	31.018		
8,300.00	7,290.89	7,022.92	6,862.60	33.95	20.91	73.89	-895.85	1,991.23	1,586.32	1,535.09	51.23	30.965 SF		
8,400.00	7,290.67	7,000.00	6,842.46	35.30	20.91	73.14	-892.84	2,001.76	1,613.11	1,561.17	51.94	31.056		
8,500.00	7,290.44	6,974.60	6,819.72	36.69	20.90	72.30	-889.45	2,012.55	1,644.89	1,592.35	52.54	31.307		
8,600.00	7,290.22	6,950.00	6,797.31	38.09	20.89	71.47	-886.12	2,022.13	1,681.54	1,628.50	53.05	31.700		
8,700.00	7,290.00	6,950.00	6,797.31	39.51	20.89	71.47	-886.12	2,022.13	1,722.88	1,669.28	53.59	32.148		
8,800.00	7,289.78	6,923.67	6,772.94	40.96	20.88	70.58	-882.52	2,031.40	1,768.43	1,714.53	53.90	32.808		
8,900.00	7,289.55	6,900.00	6,750.71	42.42	20.87	69.77	-879.24	2,038.86	1,818.25	1,764.11	54.14	33.581		
9,000.00	7,289.33	6,900.00	6,750.71	43.89	20.87	69.77	-879.24	2,038.86	1,871.73	1,817.27	54.46	34.369		
9,100.00	7,289.11	6,900.00	6,750.71	45.38	20.87	69.77	-879.24	2,038.86	1,928.92	1,874.21	54.71	35.258		
9,200.00	7,288.88	6,879.11	6,730.88	46.88	20.85	69.05	-876.32	2,044.75	1,989.16	1,934.38	54.77	36.315		
9,300.00	7,288.66	6,870.61	6,722.76	48.39	20.85	68.76	-875.13	2,046.95	2,052.48	1,997.61	54.87	37.406		
9,400.00	7,288.44	6,850.00	6,702.95	49.91	20.83	68.05	-872.23	2,051.84	2,118.66	2,063.81	54.85	38.629		
9,500.00	7,288.21	6,850.00	6,702.95	51.44	20.83	68.05	-872.23	2,051.84	2,187.10	2,132.18	54.92	39.821		
9,600.00	7,287.99	6,850.00	6,702.95	52.98	20.83	68.05	-872.23	2,051.84	2,257.91	2,202.93	54.97	41.074		
9,700.00	7,287.77	6,850.00	6,702.95	54.53	20.83	68.05	-872.23	2,051.84	2,330.85	2,275.85	54.99	42.383		
9,800.00	7,287.54	6,850.00	6,702.95	56.09	20.83	68.05	-872.23	2,051.84	2,405.73	2,350.74	55.00	43.742		
9,900.00	7,287.32	6,850.00	6,702.95	57.65	20.83	68.05	-872.23	2,051.84	2,482.39	2,427.41	54.99	45.145		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	
0.00	0.00	2.00	-2.00	3.28	3.28	90.39	-1.09	159.81	159.81				
100.00	100.00	102.00	98.00	3.28	3.28	90.39	-1.09	159.81	159.81	152.28	7.53	21.226	
200.00	200.00	198.00	198.00	3.31	3.30	90.39	-1.09	159.81	159.81	152.24	7.57	21.102 CC, ES	
300.00	300.00	293.88	293.86	3.35	3.34	90.73	-2.06	161.00	161.07	153.41	7.66	21.040	
400.00	399.98	389.49	389.35	3.41	3.40	25.23	-5.04	164.67	163.40	155.63	7.77	21.033	
500.00	499.84	484.77	484.30	3.50	3.48	27.59	-10.00	170.79	165.43	157.51	7.92	20.899	
600.00	599.45	579.56	578.45	3.61	3.58	31.01	-16.91	179.31	167.58	159.48	8.10	20.694	
700.00	698.70	673.68	671.52	3.75	3.72	35.40	-25.71	190.15	170.45	162.13	8.32	20.497	
800.00	797.47	768.46	764.76	3.91	3.90	40.68	-36.43	203.36	174.66	166.09	8.58	20.359	
900.00	895.62	866.54	861.10	4.12	4.11	46.69	-48.03	217.66	178.87	169.95	8.92	20.054	
1,000.00	993.32	964.36	957.18	4.36	4.36	52.94	-59.59	231.92	183.65	174.34	9.32	19.715	
1,100.00	1,091.01	1,062.18	1,053.26	4.63	4.62	58.85	-71.16	246.18	190.56	180.79	9.77	19.513	
1,200.00	1,188.69	1,159.99	1,149.33	4.93	4.91	64.30	-82.73	260.44	199.40	189.13	10.27	19.423	
1,300.00	1,286.38	1,257.81	1,245.41	5.24	5.21	69.26	-94.30	274.70	209.93	199.12	10.81	19.419	
1,400.00	1,384.06	1,355.62	1,341.49	5.57	5.52	73.74	-105.87	288.96	221.92	210.53	11.39	19.480	
1,500.00	1,481.75	1,453.44	1,437.56	5.92	5.85	77.75	-117.43	303.22	235.14	223.13	12.01	19.586	
1,600.00	1,579.44	1,551.25	1,533.64	6.27	6.18	81.32	-129.00	317.48	249.39	236.74	12.65	19.721	
1,700.00	1,677.12	1,649.07	1,629.72	6.63	6.52	84.51	-140.57	331.74	264.51	251.20	13.31	19.876	
1,800.00	1,774.81	1,746.89	1,725.79	7.01	6.87	87.35	-152.14	346.00	280.35	266.36	13.99	20.043	
1,900.00	1,872.49	1,844.70	1,821.87	7.21	7.15	89.89	-163.71	360.26	296.81	282.74	14.07	21.095	
2,000.00	1,970.18	1,942.52	1,917.95	7.26	7.28	92.16	-175.28	374.53	313.78	299.53	14.25	22.015	
2,100.00	2,067.87	2,040.33	2,014.02	7.33	7.33	94.19	-186.84	388.79	331.18	316.80	14.39	23.020	
2,200.00	2,165.55	2,138.15	2,110.10	7.42	7.40	96.03	-198.41	403.05	348.96	334.41	14.55	23.982	
2,300.00	2,263.24	2,235.96	2,206.18	7.52	7.48	97.68	-209.98	417.31	367.05	352.31	14.74	24.895	
2,400.00	2,360.92	2,333.78	2,302.25	7.64	7.58	99.19	-221.55	431.57	385.42	370.45	14.97	25.753	
2,500.00	2,458.61	2,431.59	2,398.33	7.77	7.69	100.55	-233.12	445.83	404.02	388.80	15.22	26.553	
2,600.00	2,556.30	2,529.41	2,494.41	7.92	7.82	101.80	-244.68	460.09	422.82	407.33	15.49	27.294	
2,700.00	2,653.98	2,627.23	2,590.48	8.08	7.96	102.94	-256.25	474.35	441.80	426.01	15.79	27.976	
2,800.00	2,751.67	2,725.04	2,686.56	8.26	8.12	103.98	-267.82	488.61	460.94	444.82	16.12	28.598	
2,900.00	2,849.35	2,822.86	2,782.64	8.45	8.28	104.95	-279.39	502.87	480.21	463.74	16.47	29.165	
3,000.00	2,947.04	2,920.67	2,878.71	8.65	8.46	105.84	-290.96	517.13	499.61	482.77	16.83	29.677	
3,100.00	3,044.72	3,018.49	2,974.79	8.86	8.65	106.66	-302.53	531.39	519.11	501.88	17.22	30.138	
3,200.00	3,142.41	3,116.30	3,070.87	9.08	8.85	107.42	-314.09	545.65	538.71	521.07	17.63	30.551	
3,300.00	3,240.10	3,214.12	3,166.94	9.31	9.05	108.13	-325.66	559.91	558.39	540.33	18.06	30.920	
3,400.00	3,337.78	3,311.94	3,263.02	9.55	9.27	108.79	-337.23	574.17	578.15	559.65	18.50	31.249	
3,500.00	3,435.47	3,409.75	3,359.10	9.80	9.50	109.41	-348.80	588.43	597.99	579.03	18.96	31.540	
3,600.00	3,533.15	3,507.57	3,455.17	10.05	9.73	109.99	-360.37	602.69	617.88	598.45	19.43	31.798	
3,700.00	3,630.84	3,605.38	3,551.25	10.31	9.97	110.53	-371.93	616.95	637.83	617.91	19.92	32.024	
3,800.00	3,728.53	3,703.20	3,647.33	10.58	10.21	111.04	-383.50	631.21	657.83	637.42	20.41	32.223	
3,900.00	3,826.21	3,801.01	3,743.40	10.85	10.47	111.52	-395.07	645.47	677.88	656.96	20.92	32.397	
4,000.00	3,923.90	3,901.17	3,839.48	11.13	10.73	111.97	-406.64	659.73	697.98	676.53	21.45	32.540	
4,100.00	4,021.58	3,996.65	3,935.56	11.42	10.99	112.40	-418.21	673.99	718.11	696.14	21.97	32.680	
4,200.00	4,119.27	4,105.54	4,031.63	11.70	11.29	112.81	-429.78	688.25	738.28	715.74	22.54	32.751	
4,300.00	4,216.96	4,207.72	4,127.71	12.00	11.57	113.19	-441.34	702.51	758.48	735.38	23.10	32.832	
4,400.00	4,314.64	4,290.09	4,223.79	12.29	11.81	113.55	-452.91	716.77	778.72	755.10	23.62	32.973	
4,500.00	4,412.33	4,387.91	4,319.86	12.59	12.09	113.89	-464.48	731.03	798.98	774.80	24.18	33.043	
4,600.00	4,510.01	4,485.72	4,415.94	12.90	12.37	114.22	-476.05	745.29	819.27	794.52	24.75	33.101	
4,700.00	4,607.70	4,583.54	4,512.02	13.21	12.66	114.53	-487.62	759.55	839.58	814.25	25.33	33.150	
4,800.00	4,705.39	4,681.35	4,608.09	13.52	12.95	114.83	-499.18	773.81	859.91	834.00	25.91	33.189	
4,900.00	4,803.07	4,779.17	4,704.17	13.83	13.25	115.11	-510.75	788.07	880.27	853.77	26.50	33.220	
5,000.00	4,900.76	4,876.99	4,800.25	14.14	13.54	115.38	-522.32	802.33	900.64	873.55	27.09	33.244	
5,100.00	4,998.44	4,974.80	4,896.32	14.46	13.84	115.64	-533.89	816.59	921.04	893.35	27.69	33.262	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
5,200.00	5,096.13	5,072.62	4,992.40	14.78	14.14	115.89	-545.46	830.85	941.45	913.16	28.29	33.274		
5,300.00	5,193.82	5,170.43	5,088.48	15.11	14.45	116.12	-557.03	845.11	961.88	932.98	28.90	33.282		
5,400.00	5,291.50	5,268.25	5,184.55	15.43	14.76	116.35	-568.59	859.37	982.32	952.81	29.51	33.284		
5,500.00	5,389.19	5,366.06	5,280.63	15.76	15.06	116.57	-580.16	873.63	1,002.78	972.65	30.13	33.283		
5,600.00	5,486.87	5,463.88	5,376.71	16.09	15.38	116.78	-591.73	887.89	1,023.25	992.50	30.75	33.279		
5,700.00	5,584.56	5,561.70	5,472.78	16.42	15.69	116.98	-603.30	902.15	1,043.73	1,012.36	31.37	33.271		
5,800.00	5,682.25	5,659.51	5,568.86	16.75	16.00	117.17	-614.87	916.41	1,064.22	1,032.23	32.00	33.261		
5,900.00	5,779.93	5,757.33	5,664.94	17.08	16.32	117.36	-626.43	930.67	1,084.73	1,052.10	32.63	33.248		
6,000.00	5,877.62	5,855.14	5,761.01	17.42	16.64	117.53	-638.00	944.93	1,105.25	1,071.99	33.26	33.233		
6,100.00	5,975.30	5,952.96	5,857.09	17.75	16.95	117.71	-649.57	959.19	1,125.77	1,091.88	33.89	33.217		
6,200.00	6,072.99	6,050.77	5,953.17	18.09	17.27	117.87	-661.14	973.45	1,146.31	1,111.78	34.53	33.199		
6,300.00	6,170.67	6,148.59	6,049.24	18.43	17.60	118.03	-672.71	987.71	1,166.85	1,131.68	35.17	33.179		
6,400.00	6,268.36	6,246.41	6,145.32	18.77	17.92	118.19	-684.28	1,001.97	1,187.40	1,151.59	35.81	33.159		
6,500.00	6,366.05	6,344.22	6,241.40	19.11	18.24	118.34	-695.84	1,016.24	1,207.96	1,171.51	36.45	33.137		
6,600.00	6,463.73	6,442.04	6,337.47	19.45	18.57	118.48	-707.41	1,030.50	1,228.53	1,191.43	37.10	33.114		
6,700.00	6,561.42	6,539.85	6,433.55	19.79	18.89	118.62	-718.98	1,044.76	1,249.11	1,211.36	37.75	33.091		
6,800.00	6,659.10	6,637.67	6,529.63	20.13	19.22	118.76	-730.55	1,059.02	1,269.69	1,231.29	38.40	33.066		
6,900.00	6,756.79	6,735.48	6,625.70	20.48	19.55	118.89	-742.12	1,073.28	1,290.28	1,251.23	39.05	33.042		
7,000.00	6,853.49	6,832.93	6,721.42	20.85	19.87	109.87	-753.64	1,087.48	1,311.26	1,271.53	39.73	33.002		
7,100.00	6,945.46	6,948.74	6,834.57	21.34	20.27	104.10	-767.25	1,107.68	1,333.24	1,292.60	40.64	32.808		
7,200.00	7,030.35	7,093.57	6,968.72	21.94	20.91	100.91	-783.28	1,158.98	1,353.62	1,311.70	41.91	32.295		
7,300.00	7,106.06	7,246.28	7,093.87	22.66	21.75	98.54	-798.09	1,244.58	1,371.13	1,327.63	43.50	31.520		
7,400.00	7,170.73	7,403.51	7,197.84	23.49	22.81	96.49	-810.22	1,361.36	1,385.05	1,339.64	45.41	30.502		
7,500.00	7,222.77	7,560.66	7,270.30	24.43	24.06	94.57	-818.45	1,500.12	1,394.93	1,347.30	47.63	29.289		
7,600.00	7,260.89	7,713.05	7,306.34	25.45	25.43	92.74	-822.24	1,647.76	1,400.68	1,350.61	50.07	27.973		
7,700.00	7,284.16	7,837.55	7,310.79	26.55	26.65	91.31	-822.30	1,772.08	1,402.84	1,350.38	52.46	26.743		
7,800.00	7,292.01	7,937.10	7,310.34	27.69	27.69	90.83	-821.86	1,871.62	1,403.72	1,349.00	54.71	25.656		
7,900.00	7,291.78	8,037.10	7,309.88	28.86	28.80	90.82	-821.41	1,971.62	1,404.06	1,346.99	57.06	24.605		
8,000.00	7,291.56	8,137.10	7,309.42	30.07	29.97	90.81	-820.97	2,071.61	1,404.39	1,344.88	59.51	23.600		
8,100.00	7,291.34	8,237.10	7,308.96	31.33	31.18	90.80	-820.53	2,171.61	1,404.73	1,342.69	62.04	22.643		
8,200.00	7,291.11	8,337.09	7,308.50	32.62	32.44	90.79	-820.09	2,271.61	1,405.07	1,340.42	64.64	21.736		
8,300.00	7,290.89	8,437.09	7,308.04	33.95	33.74	90.78	-819.64	2,371.61	1,405.41	1,338.09	67.31	20.878		
8,400.00	7,290.67	8,537.09	7,307.58	35.30	35.07	90.77	-819.20	2,471.60	1,405.74	1,335.70	70.04	20.070		
8,500.00	7,290.44	8,637.09	7,307.12	36.69	36.43	90.76	-818.76	2,571.60	1,406.08	1,333.26	72.82	19.308		
8,600.00	7,290.22	8,737.09	7,306.66	38.09	37.82	90.75	-818.32	2,671.60	1,406.42	1,330.77	75.65	18.591		
8,700.00	7,290.00	8,837.09	7,306.20	39.51	39.23	90.74	-817.88	2,771.59	1,406.75	1,328.24	78.52	17.916		
8,800.00	7,289.78	8,937.09	7,305.74	40.96	40.66	90.73	-817.43	2,871.59	1,407.09	1,325.67	81.42	17.281		
8,900.00	7,289.55	9,037.09	7,305.28	42.42	42.11	90.72	-816.99	2,971.59	1,407.43	1,323.07	84.36	16.683		
9,000.00	7,289.33	9,137.09	7,304.82	43.89	43.57	90.71	-816.55	3,071.59	1,407.77	1,320.44	87.33	16.120		
9,100.00	7,289.11	9,237.09	7,304.36	45.38	45.05	90.70	-816.11	3,171.58	1,408.11	1,317.78	90.32	15.590		
9,200.00	7,288.88	9,337.09	7,303.90	46.88	46.54	90.69	-815.66	3,271.58	1,408.44	1,315.10	93.34	15.089		
9,300.00	7,288.66	9,437.08	7,303.44	48.39	48.05	90.68	-815.22	3,371.58	1,408.78	1,312.40	96.38	14.617		
9,400.00	7,288.44	9,537.08	7,302.98	49.91	49.56	90.67	-814.78	3,471.57	1,409.12	1,309.68	99.44	14.171		
9,500.00	7,288.21	9,637.08	7,302.52	51.44	51.09	90.66	-814.34	3,571.57	1,409.46	1,306.94	102.51	13.749		
9,600.00	7,287.99	9,737.08	7,302.06	52.98	52.63	90.65	-813.89	3,671.57	1,409.79	1,304.19	105.61	13.349		
9,700.00	7,287.77	9,837.08	7,301.60	54.53	54.17	90.64	-813.45	3,771.56	1,410.13	1,301.42	108.72	12.971		
9,800.00	7,287.54	9,937.08	7,301.14	56.09	55.72	90.63	-813.01	3,871.56	1,410.47	1,298.63	111.84	12.612		
9,900.00	7,287.32	10,037.08	7,300.68	57.65	57.28	90.62	-812.57	3,971.56	1,410.81	1,295.83	114.97	12.271		
10,000.00	7,287.10	10,137.08	7,300.22	59.21	58.84	90.61	-812.13	4,071.56	1,411.15	1,293.03	118.12	11.947		
10,100.00	7,286.87	10,237.08	7,299.76	60.79	60.41	90.60	-811.68	4,171.55	1,411.48	1,290.21	121.28	11.639		
10,200.00	7,286.65	10,337.08	7,299.30	62.36	61.99	90.59	-811.24	4,271.55	1,411.82	1,287.38	124.44	11.345		
10,300.00	7,286.43	10,437.08	7,298.84	63.95	63.57	90.58	-810.80	4,371.55	1,412.16	1,284.54	127.62	11.065		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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		
10,400.00	7,286.20	10,537.08	7,298.38	65.53	65.16	90.57	-810.36	4,471.54	1,412.50	1,281.70	130.80	10.799		
10,500.00	7,285.98	10,637.07	7,297.92	67.12	66.74	90.56	-809.91	4,571.54	1,412.84	1,278.84	133.99	10.544		
10,600.00	7,285.76	10,737.07	7,297.46	68.72	68.34	90.56	-809.47	4,671.54	1,413.17	1,275.98	137.19	10.301		
10,700.00	7,285.53	10,837.07	7,297.00	70.32	69.94	90.55	-809.03	4,771.54	1,413.51	1,273.11	140.40	10.068		
10,800.00	7,285.31	10,937.07	7,296.54	71.92	71.54	90.54	-808.59	4,871.53	1,413.85	1,270.24	143.61	9.845		
10,900.00	7,285.09	11,037.07	7,296.08	73.52	73.14	90.53	-808.15	4,971.53	1,414.19	1,267.36	146.83	9.631		
11,000.00	7,284.86	11,137.07	7,295.62	75.13	74.75	90.52	-807.70	5,071.53	1,414.53	1,264.47	150.05	9.427		
11,100.00	7,284.64	11,237.07	7,295.16	76.74	76.36	90.51	-807.26	5,171.52	1,414.87	1,261.58	153.28	9.230		
11,200.00	7,284.42	11,337.07	7,294.70	78.35	77.97	90.50	-806.82	5,271.52	1,415.21	1,258.69	156.52	9.042		
11,300.00	7,284.19	11,437.07	7,294.24	79.97	79.58	90.49	-806.38	5,371.52	1,415.54	1,255.79	159.76	8.861		
11,400.00	7,283.97	11,537.07	7,293.78	81.59	81.20	90.48	-805.93	5,471.52	1,415.88	1,252.88	163.00	8.686		
11,500.00	7,283.75	11,637.07	7,293.32	83.21	82.82	90.47	-805.49	5,571.51	1,416.22	1,249.97	166.25	8.519		
11,600.00	7,283.52	11,737.07	7,292.86	84.83	84.44	90.46	-805.05	5,671.51	1,416.56	1,247.06	169.50	8.357		
11,700.00	7,283.30	11,837.06	7,292.40	86.45	86.07	90.45	-804.61	5,771.51	1,416.90	1,244.15	172.75	8.202		
11,800.00	7,283.08	11,937.06	7,291.94	88.08	87.69	90.44	-804.16	5,871.50	1,417.24	1,241.23	176.01	8.052		
11,900.00	7,282.86	12,037.06	7,291.48	89.71	89.32	90.43	-803.72	5,971.50	1,417.58	1,238.31	179.27	7.908		
12,000.00	7,282.63	12,137.06	7,291.02	91.33	90.95	90.42	-803.28	6,071.50	1,417.91	1,235.38	182.53	7.768		
12,100.00	7,282.41	12,237.06	7,290.56	92.97	92.58	90.41	-802.84	6,171.50	1,418.25	1,232.45	185.80	7.633		
12,200.00	7,282.19	12,337.06	7,290.10	94.60	94.21	90.40	-802.40	6,271.49	1,418.59	1,229.52	189.07	7.503		
12,300.00	7,281.96	12,437.06	7,289.64	96.23	95.84	90.39	-801.95	6,371.49	1,418.93	1,226.59	192.34	7.377		
12,400.00	7,281.74	12,537.06	7,289.18	97.86	97.48	90.38	-801.51	6,471.49	1,419.27	1,223.65	195.62	7.255		
12,500.00	7,281.52	12,637.06	7,288.72	99.50	99.11	90.37	-801.07	6,571.48	1,419.61	1,220.72	198.89	7.138		
12,600.00	7,281.29	12,737.06	7,288.26	101.14	100.75	90.36	-800.63	6,671.48	1,419.95	1,217.78	202.17	7.023		
12,700.00	7,281.07	12,837.06	7,287.80	102.78	102.39	90.35	-800.18	6,771.48	1,420.29	1,214.83	205.45	6.913		
12,800.00	7,280.85	12,937.05	7,287.34	104.41	104.03	90.34	-799.74	6,871.48	1,420.63	1,211.89	208.74	6.806		
12,900.00	7,280.62	13,037.05	7,286.88	106.05	105.67	90.33	-799.30	6,971.47	1,420.97	1,208.94	212.02	6.702		
13,000.00	7,280.40	13,137.05	7,286.42	107.70	107.31	90.32	-798.86	7,071.47	1,421.30	1,206.00	215.31	6.601		
13,100.00	7,280.18	13,237.05	7,285.96	109.34	108.95	90.31	-798.42	7,171.47	1,421.64	1,203.05	218.60	6.504		
13,200.00	7,279.95	13,337.05	7,285.50	110.98	110.60	90.30	-797.97	7,271.46	1,421.98	1,200.10	221.89	6.409		
13,300.00	7,279.73	13,437.05	7,285.04	112.62	112.24	90.29	-797.53	7,371.46	1,422.32	1,197.14	225.18	6.316		
13,400.00	7,279.51	13,537.05	7,284.58	114.27	113.89	90.28	-797.09	7,471.46	1,422.66	1,194.19	228.47	6.227		
13,500.00	7,279.28	13,637.05	7,284.12	115.91	115.53	90.27	-796.65	7,571.45	1,423.00	1,191.23	231.77	6.140		
13,600.00	7,279.06	13,737.05	7,283.66	117.56	117.18	90.27	-796.20	7,671.45	1,423.34	1,188.28	235.06	6.055		
13,700.00	7,278.84	13,837.05	7,283.20	119.21	118.83	90.26	-795.76	7,771.45	1,423.68	1,185.32	238.36	5.973		
13,800.00	7,278.61	13,937.05	7,282.74	120.85	120.47	90.25	-795.32	7,871.45	1,424.02	1,182.36	241.66	5.893		
13,900.00	7,278.39	14,037.05	7,282.28	122.50	122.12	90.24	-794.88	7,971.44	1,424.36	1,179.40	244.96	5.815		
14,000.00	7,278.17	14,137.04	7,281.82	124.15	123.77	90.23	-794.43	8,071.44	1,424.70	1,176.44	248.26	5.739		
14,100.00	7,277.94	14,237.04	7,281.36	125.80	125.42	90.22	-793.99	8,171.44	1,425.04	1,173.48	251.56	5.665		
14,200.00	7,277.72	14,337.04	7,280.90	127.45	127.07	90.21	-793.55	8,271.43	1,425.38	1,170.51	254.87	5.593		
14,300.00	7,277.50	14,437.04	7,280.44	129.10	128.72	90.20	-793.11	8,371.43	1,425.72	1,167.55	258.17	5.522		
14,400.00	7,277.27	14,537.04	7,279.98	130.75	130.37	90.19	-792.67	8,471.43	1,426.06	1,164.58	261.48	5.454		
14,500.00	7,277.05	14,637.04	7,279.52	132.40	132.03	90.18	-792.22	8,571.43	1,426.40	1,161.62	264.78	5.387		
14,600.00	7,276.83	14,737.04	7,279.06	134.06	133.68	90.17	-791.78	8,671.42	1,426.74	1,158.65	268.09	5.322		
14,700.00	7,276.60	14,837.04	7,278.60	135.71	135.33	90.16	-791.34	8,771.42	1,427.08	1,155.68	271.40	5.258		
14,800.00	7,276.38	14,937.04	7,278.14	137.36	136.98	90.15	-790.90	8,871.42	1,427.42	1,152.71	274.71	5.196		
14,900.00	7,276.16	15,037.04	7,277.68	139.02	138.64	90.14	-790.45	8,971.41	1,427.76	1,149.74	278.02	5.135		
15,000.00	7,275.94	15,137.04	7,277.22	140.67	140.29	90.13	-790.01	9,071.41	1,428.10	1,146.77	281.33	5.076		
15,100.00	7,275.71	15,237.04	7,276.76	142.32	141.95	90.12	-789.57	9,171.41	1,428.44	1,143.80	284.64	5.018		
15,200.00	7,275.49	15,337.03	7,276.30	143.98	143.60	90.11	-789.13	9,271.41	1,428.78	1,140.83	287.95	4.962		
15,300.00	7,275.27	15,437.03	7,275.84	145.63	145.26	90.10	-788.69	9,371.40	1,429.12	1,137.85	291.27	4.907		
15,400.00	7,275.04	15,537.03	7,275.38	147.29	146.91	90.09	-788.24	9,471.40	1,429.46	1,134.88	294.58	4.853		
15,500.00	7,274.82	15,637.03	7,274.92	148.95	148.57	90.08	-787.80	9,571.40	1,429.80	1,131.91	297.89	4.800		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36C-3-L - 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,274.60	15,737.03	7,274.46	150.60	150.23	90.07	-787.36	9,671.39	1,430.14	1,128.93	301.21	4.748	
15,700.00	7,274.37	15,837.03	7,274.00	152.26	151.88	90.06	-786.92	9,771.39	1,430.48	1,125.96	304.52	4.697	
15,800.00	7,274.15	15,937.03	7,273.54	153.92	153.54	90.06	-786.47	9,871.39	1,430.82	1,122.98	307.84	4.648	
15,900.00	7,273.93	16,037.03	7,273.08	155.57	155.20	90.05	-786.03	9,971.39	1,431.16	1,120.00	311.16	4.599	
16,000.00	7,273.70	16,137.03	7,272.62	157.23	156.86	90.04	-785.59	10,071.38	1,431.50	1,117.03	314.47	4.552	
16,100.00	7,273.48	16,237.03	7,272.16	158.89	158.52	90.03	-785.15	10,171.38	1,431.84	1,114.05	317.79	4.506	
16,200.00	7,273.26	16,337.03	7,271.70	160.55	160.17	90.02	-784.70	10,271.38	1,432.18	1,111.07	321.11	4.460	
16,300.00	7,273.03	16,437.02	7,271.24	162.20	161.83	90.01	-784.26	10,371.37	1,432.52	1,108.09	324.43	4.416	
16,400.00	7,272.81	16,537.02	7,270.78	163.86	163.49	90.00	-783.82	10,471.37	1,432.86	1,105.11	327.75	4.372	
16,500.00	7,272.59	16,637.02	7,270.32	165.52	165.15	89.99	-783.38	10,571.37	1,433.20	1,102.13	331.07	4.329	
16,600.00	7,272.36	16,737.02	7,269.86	167.18	166.81	89.98	-782.94	10,671.37	1,433.54	1,099.15	334.39	4.287	
16,700.00	7,272.14	16,837.02	7,269.40	168.84	168.47	89.97	-782.49	10,771.36	1,433.88	1,096.17	337.71	4.246	
16,800.00	7,271.92	16,937.02	7,268.94	170.50	170.13	89.96	-782.05	10,871.36	1,434.22	1,093.19	341.03	4.206	
16,900.00	7,271.69	17,037.02	7,268.48	172.16	171.79	89.95	-781.61	10,971.36	1,434.57	1,090.21	344.35	4.166	
17,000.00	7,271.47	17,137.02	7,268.02	173.82	173.45	89.94	-781.17	11,071.35	1,434.91	1,087.23	347.67	4.127	
17,100.00	7,271.25	17,237.02	7,267.56	175.48	175.11	89.93	-780.72	11,171.35	1,435.25	1,084.25	351.00	4.089	
17,200.00	7,271.02	17,337.02	7,267.10	177.14	176.77	89.92	-780.28	11,271.35	1,435.59	1,081.27	354.32	4.052	
17,300.00	7,270.80	17,437.02	7,266.64	178.80	178.44	89.91	-779.84	11,371.34	1,435.93	1,078.29	357.64	4.015	
17,400.00	7,270.58	17,537.02	7,266.18	180.46	180.10	89.90	-779.40	11,471.34	1,436.27	1,075.30	360.97	3.979	
17,500.00	7,270.35	17,637.01	7,265.72	182.12	181.76	89.89	-778.96	11,571.34	1,436.61	1,072.32	364.29	3.944	
17,600.00	7,270.13	17,737.01	7,265.26	183.79	183.42	89.89	-778.51	11,671.34	1,436.95	1,069.34	367.62	3.909	
17,700.00	7,269.91	17,837.01	7,264.80	185.45	185.08	89.88	-778.07	11,771.33	1,437.29	1,066.35	370.94	3.875	
17,800.00	7,269.68	17,893.49	7,264.54	187.11	186.02	89.87	-777.82	11,827.81	1,438.29	1,064.87	373.42	3.852 SF	
17,900.00	7,269.46	17,893.49	7,264.54	188.77	186.02	89.87	-777.82	11,827.81	1,445.12	1,071.57	373.55	3.869	
18,000.00	7,269.24	17,893.49	7,264.54	190.43	186.02	89.87	-777.82	11,827.81	1,458.79	1,086.81	371.98	3.922	
18,100.00	7,269.02	17,893.49	7,264.54	192.10	186.02	89.87	-777.82	11,827.81	1,479.10	1,110.28	368.82	4.010	
18,200.00	7,268.79	17,893.49	7,264.54	193.76	186.02	89.87	-777.82	11,827.81	1,505.80	1,141.56	364.24	4.134	
18,206.76	7,268.78	17,893.49	7,264.54	193.87	186.02	89.87	-777.82	11,827.81	1,507.82	1,143.94	363.89	4.144	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36N-3A-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	2.00	-2.00	3.28	3.28	90.46	-1.46	179.85	179.86				
100.00	100.00	102.00	98.00	3.28	3.28	90.46	-1.46	179.85	179.86	172.33	7.53	23.888	
200.00	200.00	198.00	198.00	3.31	3.30	90.46	-1.46	179.85	179.86	172.29	7.57	23.749	CC, ES
300.00	300.00	293.84	293.82	3.35	3.34	90.81	-2.56	180.92	180.99	173.33	7.66	23.642	
400.00	399.98	389.40	389.26	3.41	3.40	25.31	-5.96	184.20	182.93	175.16	7.77	23.546	
500.00	499.84	484.59	484.12	3.50	3.48	27.65	-11.62	189.66	184.33	176.41	7.92	23.281	
600.00	599.45	579.19	578.08	3.61	3.58	31.06	-19.48	197.26	185.65	177.54	8.10	22.910	
700.00	698.70	673.01	670.86	3.75	3.72	35.46	-29.48	206.92	187.56	179.23	8.33	22.529	
800.00	797.47	765.86	762.19	3.91	3.89	40.73	-41.53	218.55	190.89	182.30	8.58	22.240	
900.00	895.62	860.62	854.88	4.12	4.11	46.82	-55.69	232.23	196.19	187.28	8.90	22.036	
1,000.00	993.32	957.71	949.77	4.36	4.36	53.26	-70.45	246.48	202.82	193.53	9.30	21.814	
1,100.00	1,091.01	1,054.79	1,044.66	4.63	4.64	59.26	-85.21	260.73	211.95	202.20	9.75	21.747	
1,200.00	1,188.69	1,151.87	1,139.55	4.93	4.95	64.74	-99.97	274.98	223.29	213.05	10.24	21.800	
1,300.00	1,286.38	1,248.95	1,234.44	5.24	5.27	69.67	-114.72	289.23	236.53	225.74	10.78	21.936	
1,400.00	1,384.06	1,346.03	1,329.33	5.57	5.61	74.07	-129.48	303.49	251.36	240.00	11.36	22.132	
1,500.00	1,481.75	1,443.11	1,424.22	5.92	5.95	77.97	-144.24	317.74	267.52	255.56	11.96	22.362	
1,600.00	1,579.44	1,540.20	1,519.11	6.27	6.31	81.43	-159.00	331.99	284.79	272.19	12.60	22.607	
1,700.00	1,677.12	1,637.28	1,613.99	6.63	6.68	84.49	-173.75	346.24	302.98	289.72	13.25	22.860	
1,800.00	1,774.81	1,734.36	1,708.88	7.01	7.06	87.21	-188.51	360.49	321.92	307.99	13.93	23.113	
1,900.00	1,872.49	1,831.44	1,803.77	7.21	7.38	89.62	-203.27	374.74	341.50	327.47	14.03	24.348	
2,000.00	1,970.18	1,928.52	1,898.66	7.26	7.54	91.78	-218.03	388.99	361.61	347.38	14.22	25.422	
2,100.00	2,067.87	2,025.60	1,993.55	7.33	7.60	93.71	-232.78	403.25	382.17	367.81	14.35	26.625	
2,200.00	2,165.55	2,122.68	2,088.44	7.42	7.67	95.44	-247.54	417.50	403.10	388.59	14.52	27.771	
2,300.00	2,263.24	2,219.76	2,183.33	7.52	7.76	97.01	-262.30	431.75	424.36	409.65	14.71	28.855	
2,400.00	2,360.92	2,316.85	2,278.22	7.64	7.86	98.42	-277.06	446.00	445.90	430.97	14.93	29.869	
2,500.00	2,458.61	2,413.93	2,373.10	7.77	7.98	99.71	-291.81	460.25	467.67	452.49	15.18	30.811	
2,600.00	2,556.30	2,511.01	2,467.99	7.92	8.12	100.88	-306.57	474.50	489.65	474.20	15.46	31.680	
2,700.00	2,653.98	2,608.09	2,562.88	8.08	8.27	101.95	-321.33	488.76	511.81	496.05	15.76	32.476	
2,800.00	2,751.67	2,705.17	2,657.77	8.26	8.43	102.94	-336.09	503.01	534.13	518.04	16.09	33.200	
2,900.00	2,849.35	2,802.25	2,752.66	8.45	8.61	103.84	-350.85	517.26	556.59	540.15	16.44	33.856	
3,000.00	2,947.04	2,900.67	2,847.55	8.65	8.80	104.68	-365.60	531.51	579.17	562.35	16.82	34.441	
3,100.00	3,044.72	3,003.59	2,942.44	8.86	9.01	105.45	-380.36	545.76	601.85	584.63	17.22	34.948	
3,200.00	3,142.41	3,106.51	3,037.33	9.08	9.24	106.17	-395.12	560.01	624.64	606.99	17.65	35.395	
3,300.00	3,240.10	3,209.42	3,132.21	9.31	9.47	106.83	-409.88	574.26	647.51	629.42	18.09	35.789	
3,400.00	3,337.78	3,287.66	3,227.10	9.55	9.66	107.45	-424.63	588.52	670.46	651.96	18.50	36.236	
3,500.00	3,435.47	3,384.74	3,321.99	9.80	9.90	108.04	-439.39	602.77	693.48	674.51	18.97	36.563	
3,600.00	3,533.15	3,481.82	3,416.88	10.05	10.14	108.58	-454.15	617.02	716.56	697.12	19.45	36.850	
3,700.00	3,630.84	3,578.90	3,511.77	10.31	10.40	109.09	-468.91	631.27	739.70	719.76	19.94	37.101	
3,800.00	3,728.53	3,675.98	3,606.66	10.58	10.66	109.57	-483.66	645.52	762.89	742.45	20.44	37.320	
3,900.00	3,826.21	3,773.06	3,701.55	10.85	10.92	110.02	-498.42	659.77	786.13	765.18	20.96	37.509	
4,000.00	3,923.90	3,870.14	3,796.43	11.13	11.19	110.44	-513.18	674.02	809.42	787.93	21.49	37.673	
4,100.00	4,021.58	3,967.23	3,891.32	11.42	11.47	110.84	-527.94	688.28	832.74	810.72	22.02	37.813	
4,200.00	4,119.27	4,064.31	3,986.21	11.70	11.75	111.22	-542.69	702.53	856.10	833.53	22.57	37.933	
4,300.00	4,216.96	4,161.39	4,081.10	12.00	12.04	111.58	-557.45	716.78	879.49	856.37	23.12	38.034	
4,400.00	4,314.64	4,258.47	4,175.99	12.29	12.33	111.92	-572.21	731.03	902.92	879.23	23.69	38.118	
4,500.00	4,412.33	4,355.55	4,270.88	12.59	12.63	112.24	-586.97	745.28	926.37	902.11	24.26	38.188	
4,600.00	4,510.01	4,452.63	4,365.77	12.90	12.93	112.55	-601.72	759.53	949.85	925.01	24.84	38.245	
4,700.00	4,607.70	4,549.71	4,460.66	13.21	13.23	112.84	-616.48	773.78	973.35	947.93	25.42	38.291	
4,800.00	4,705.39	4,646.79	4,555.54	13.52	13.54	113.12	-631.24	788.04	996.88	970.87	26.01	38.326	
4,900.00	4,803.07	4,743.87	4,650.43	13.83	13.85	113.39	-646.00	802.29	1,020.43	993.82	26.61	38.353	
5,000.00	4,900.76	4,840.96	4,745.32	14.14	14.16	113.64	-660.76	816.54	1,044.00	1,016.79	27.21	38.371	
5,100.00	4,998.44	4,938.04	4,840.21	14.46	14.48	113.88	-675.51	830.79	1,067.58	1,039.77	27.81	38.382	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36N-3A-L - Wellbore #1 - Design #1													Offset Site Error: 0.00 usft	
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,096.13	5,035.12	4,935.10	14.78	14.80	114.12	-690.27	845.04	1,091.19	1,062.76	28.43	38.388		
5,300.00	5,193.82	5,132.20	5,029.99	15.11	15.12	114.34	-705.03	859.29	1,114.81	1,085.77	29.04	38.387		
5,400.00	5,291.50	5,229.28	5,124.88	15.43	15.44	114.55	-719.79	873.55	1,138.44	1,108.78	29.66	38.382		
5,500.00	5,389.19	5,326.36	5,219.76	15.76	15.76	114.76	-734.54	887.80	1,162.09	1,131.81	30.28	38.373		
5,600.00	5,486.87	5,423.44	5,314.65	16.09	16.09	114.95	-749.30	902.05	1,185.75	1,154.84	30.91	38.359		
5,700.00	5,584.56	5,520.52	5,409.54	16.42	16.42	115.14	-764.06	916.30	1,209.43	1,177.89	31.54	38.343		
5,800.00	5,682.25	5,617.61	5,504.43	16.75	16.75	115.32	-778.82	930.55	1,233.12	1,200.94	32.18	38.324		
5,900.00	5,779.93	5,714.69	5,599.32	17.08	17.08	115.50	-793.57	944.80	1,256.82	1,224.00	32.81	38.302		
6,000.00	5,877.62	5,811.77	5,694.21	17.42	17.41	115.66	-808.33	959.05	1,280.53	1,247.07	33.45	38.278		
6,100.00	5,975.30	5,908.85	5,789.10	17.75	17.75	115.83	-823.09	973.31	1,304.25	1,270.15	34.10	38.252		
6,200.00	6,072.99	6,005.93	5,883.99	18.09	18.08	115.98	-837.85	987.56	1,327.98	1,293.23	34.74	38.225		
6,300.00	6,170.67	6,103.01	5,978.87	18.43	18.42	116.13	-852.60	1,001.81	1,351.71	1,316.32	35.39	38.196		
6,400.00	6,268.36	6,200.09	6,073.76	18.77	18.76	116.28	-867.36	1,016.06	1,375.46	1,339.42	36.04	38.166		
6,500.00	6,366.05	6,302.83	6,168.65	19.11	19.12	116.42	-882.12	1,030.31	1,399.22	1,362.51	36.71	38.115		
6,600.00	6,463.73	6,405.75	6,263.54	19.45	19.48	116.56	-896.88	1,044.56	1,422.98	1,385.59	37.38	38.064		
6,700.00	6,561.42	6,508.66	6,358.43	19.79	19.84	116.69	-911.63	1,058.81	1,446.75	1,408.69	38.06	38.013		
6,800.00	6,659.10	6,588.42	6,453.32	20.13	20.13	116.82	-926.39	1,073.07	1,470.52	1,431.86	38.66	38.036		
6,900.00	6,756.79	6,713.68	6,573.27	20.48	20.61	116.51	-945.04	1,103.11	1,493.40	1,453.91	39.49	37.814		
7,000.00	6,853.49	6,834.63	6,681.45	20.85	21.19	106.18	-961.85	1,154.11	1,514.83	1,474.41	40.42	37.479		
7,100.00	6,945.46	6,950.48	6,774.36	21.34	21.84	98.48	-976.27	1,221.52	1,535.31	1,493.79	41.52	36.975		
7,200.00	7,030.35	7,061.53	6,850.71	21.94	22.55	93.31	-988.10	1,301.09	1,554.46	1,511.64	42.82	36.301		
7,300.00	7,106.06	7,168.06	6,910.06	22.66	23.32	89.35	-997.29	1,388.92	1,571.86	1,527.55	44.30	35.479		
7,400.00	7,170.73	7,270.42	6,952.71	23.49	24.13	86.15	-1,003.88	1,481.62	1,587.09	1,541.13	45.96	34.531		
7,500.00	7,222.77	7,368.97	6,979.40	24.43	24.98	83.55	-1,007.98	1,576.30	1,599.80	1,552.04	47.77	33.491		
7,600.00	7,260.89	7,464.06	6,991.19	25.45	25.85	81.47	-1,009.76	1,670.55	1,609.67	1,559.98	49.69	32.397		
7,700.00	7,284.16	7,559.91	6,991.69	26.55	26.78	79.95	-1,009.79	1,766.39	1,616.34	1,564.61	51.73	31.244		
7,800.00	7,292.01	7,659.45	6,991.16	27.69	27.81	79.36	-1,009.65	1,865.92	1,619.17	1,565.23	53.94	30.016		
7,900.00	7,291.78	7,759.45	6,990.63	28.86	28.91	79.36	-1,009.51	1,965.92	1,619.86	1,563.59	56.27	28.786		
8,000.00	7,291.56	7,859.44	6,990.10	30.07	30.06	79.35	-1,009.37	2,065.91	1,620.55	1,561.85	58.70	27.609		
8,100.00	7,291.34	7,959.44	6,989.57	31.33	31.27	79.34	-1,009.24	2,165.91	1,621.24	1,560.04	61.20	26.490		
8,200.00	7,291.11	8,059.44	6,989.04	32.62	32.52	79.34	-1,009.10	2,265.91	1,621.93	1,558.15	63.78	25.430		
8,300.00	7,290.89	8,159.44	6,988.51	33.95	33.81	79.33	-1,008.96	2,365.90	1,622.62	1,556.20	66.42	24.428		
8,400.00	7,290.67	8,259.43	6,987.98	35.30	35.14	79.32	-1,008.82	2,465.90	1,623.32	1,554.19	69.12	23.484		
8,500.00	7,290.44	8,359.43	6,987.45	36.69	36.49	79.32	-1,008.69	2,565.89	1,624.01	1,552.13	71.87	22.595		
8,600.00	7,290.22	8,459.43	6,986.92	38.09	37.87	79.31	-1,008.55	2,665.89	1,624.70	1,550.03	74.67	21.759		
8,700.00	7,290.00	8,559.43	6,986.39	39.51	39.28	79.31	-1,008.41	2,765.89	1,625.39	1,547.89	77.50	20.972		
8,800.00	7,289.78	8,659.42	6,985.86	40.96	40.71	79.30	-1,008.28	2,865.88	1,626.08	1,545.71	80.37	20.232		
8,900.00	7,289.55	8,759.42	6,985.33	42.42	42.15	79.29	-1,008.14	2,965.88	1,626.77	1,543.50	83.27	19.535		
9,000.00	7,289.33	8,859.42	6,984.80	43.89	43.61	79.29	-1,008.00	3,065.87	1,627.46	1,541.26	86.20	18.879		
9,100.00	7,289.11	8,959.42	6,984.27	45.38	45.09	79.28	-1,007.86	3,165.87	1,628.15	1,539.00	89.16	18.261		
9,200.00	7,288.88	9,059.41	6,983.74	46.88	46.58	79.27	-1,007.73	3,265.87	1,628.84	1,536.71	92.14	17.678		
9,300.00	7,288.66	9,159.41	6,983.21	48.39	48.08	79.27	-1,007.59	3,365.86	1,629.54	1,534.40	95.14	17.128		
9,400.00	7,288.44	9,259.41	6,982.68	49.91	49.60	79.26	-1,007.45	3,465.86	1,630.23	1,532.07	98.16	16.609		
9,500.00	7,288.21	9,359.41	6,982.15	51.44	51.12	79.25	-1,007.31	3,565.85	1,630.92	1,529.73	101.19	16.117		
9,600.00	7,287.99	9,459.40	6,981.62	52.98	52.66	79.25	-1,007.18	3,665.85	1,631.61	1,527.37	104.24	15.652		
9,700.00	7,287.77	9,559.40	6,981.09	54.53	54.20	79.24	-1,007.04	3,765.84	1,632.30	1,524.99	107.31	15.211		
9,800.00	7,287.54	9,659.40	6,980.56	56.09	55.75	79.23	-1,006.90	3,865.84	1,632.99	1,522.60	110.39	14.793		
9,900.00	7,287.32	9,759.40	6,980.03	57.65	57.31	79.23	-1,006.76	3,965.84	1,633.68	1,520.20	113.48	14.396		
10,000.00	7,287.10	9,859.39	6,979.50	59.21	58.87	79.22	-1,006.63	4,065.83	1,634.38	1,517.79	116.59	14.019		
10,100.00	7,286.87	9,959.39	6,978.97	60.79	60.44	79.22	-1,006.49	4,165.83	1,635.07	1,515.37	119.70	13.660		
10,200.00	7,286.65	10,059.39	6,978.44	62.36	62.01	79.21	-1,006.35	4,265.82	1,635.76	1,512.94	122.82	13.318		
10,300.00	7,286.43	10,159.39	6,977.91	63.95	63.59	79.20	-1,006.21	4,365.82	1,636.45	1,510.50	125.95	12.993		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36N-3A-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,286.20	10,259.38	6,977.38	65.53	65.18	79.20	-1,006.08	4,465.82	1,637.14	1,508.05	129.09	12.682		
10,500.00	7,285.98	10,359.38	6,976.85	67.12	66.77	79.19	-1,005.94	4,565.81	1,637.83	1,505.59	132.24	12.385		
10,600.00	7,285.76	10,459.38	6,976.32	68.72	68.36	79.18	-1,005.80	4,665.81	1,638.52	1,503.13	135.39	12.102		
10,700.00	7,285.53	10,559.38	6,975.79	70.32	69.96	79.18	-1,005.66	4,765.80	1,639.22	1,500.66	138.55	11.831		
10,800.00	7,285.31	10,659.37	6,975.26	71.92	71.56	79.17	-1,005.53	4,865.80	1,639.91	1,498.19	141.72	11.571		
10,900.00	7,285.09	10,759.37	6,974.73	73.52	73.16	79.17	-1,005.39	4,965.80	1,640.60	1,495.71	144.89	11.323		
11,000.00	7,284.86	10,859.37	6,974.20	75.13	74.77	79.16	-1,005.25	5,065.79	1,641.29	1,493.22	148.07	11.085		
11,100.00	7,284.64	10,959.37	6,973.67	76.74	76.38	79.15	-1,005.11	5,165.79	1,641.98	1,490.73	151.25	10.856		
11,200.00	7,284.42	11,059.36	6,973.14	78.35	77.99	79.15	-1,004.98	5,265.78	1,642.67	1,488.23	154.44	10.636		
11,300.00	7,284.19	11,159.36	6,972.61	79.97	79.60	79.14	-1,004.84	5,365.78	1,643.37	1,485.73	157.63	10.425		
11,400.00	7,283.97	11,259.36	6,972.08	81.59	81.22	79.13	-1,004.70	5,465.78	1,644.06	1,483.23	160.83	10.223		
11,500.00	7,283.75	11,359.36	6,971.55	83.21	82.84	79.13	-1,004.56	5,565.77	1,644.75	1,480.72	164.03	10.027		
11,600.00	7,283.52	11,459.35	6,971.02	84.83	84.46	79.12	-1,004.43	5,665.77	1,645.44	1,478.21	167.23	9.839		
11,700.00	7,283.30	11,559.35	6,970.49	86.45	86.09	79.12	-1,004.29	5,765.76	1,646.13	1,475.70	170.44	9.658		
11,800.00	7,283.08	11,659.35	6,969.96	88.08	87.71	79.11	-1,004.15	5,865.76	1,646.82	1,473.18	173.65	9.484		
11,900.00	7,282.86	11,759.35	6,969.43	89.71	89.34	79.10	-1,004.01	5,965.76	1,647.52	1,470.66	176.86	9.315		
12,000.00	7,282.63	11,859.34	6,968.90	91.33	90.97	79.10	-1,003.88	6,065.75	1,648.21	1,468.13	180.07	9.153		
12,100.00	7,282.41	11,959.34	6,968.37	92.97	92.60	79.09	-1,003.74	6,165.75	1,648.90	1,465.61	183.29	8.996		
12,200.00	7,282.19	12,059.34	6,967.84	94.60	94.23	79.08	-1,003.60	6,265.74	1,649.59	1,463.08	186.51	8.844		
12,300.00	7,281.96	12,159.34	6,967.31	96.23	95.86	79.08	-1,003.47	6,365.74	1,650.28	1,460.55	189.74	8.698		
12,400.00	7,281.74	12,259.33	6,966.78	97.86	97.50	79.07	-1,003.33	6,465.74	1,650.97	1,458.01	192.96	8.556		
12,500.00	7,281.52	12,359.33	6,966.25	99.50	99.13	79.07	-1,003.19	6,565.73	1,651.67	1,455.48	196.19	8.419		
12,600.00	7,281.29	12,459.33	6,965.72	101.14	100.77	79.06	-1,003.05	6,665.73	1,652.36	1,452.94	199.42	8.286		
12,700.00	7,281.07	12,559.33	6,965.19	102.78	102.41	79.05	-1,002.92	6,765.72	1,653.05	1,450.40	202.65	8.157		
12,800.00	7,280.85	12,659.32	6,964.66	104.41	104.05	79.05	-1,002.78	6,865.72	1,653.74	1,447.86	205.88	8.032		
12,900.00	7,280.62	12,759.32	6,964.13	106.05	105.69	79.04	-1,002.64	6,965.72	1,654.43	1,445.32	209.12	7.911		
13,000.00	7,280.40	12,859.32	6,963.60	107.70	107.33	79.03	-1,002.50	7,065.71	1,655.13	1,442.77	212.35	7.794		
13,100.00	7,280.18	12,959.31	6,963.07	109.34	108.97	79.03	-1,002.37	7,165.71	1,655.82	1,440.23	215.59	7.680		
13,200.00	7,279.95	13,059.31	6,962.54	110.98	110.62	79.02	-1,002.23	7,265.70	1,656.51	1,437.68	218.83	7.570		
13,300.00	7,279.73	13,159.31	6,962.01	112.62	112.26	79.02	-1,002.09	7,365.70	1,657.20	1,435.13	222.07	7.462		
13,400.00	7,279.51	13,259.31	6,961.48	114.27	113.90	79.01	-1,001.95	7,465.69	1,657.89	1,432.58	225.32	7.358		
13,500.00	7,279.28	13,359.30	6,960.95	115.91	115.55	79.00	-1,001.82	7,565.69	1,658.59	1,430.03	228.56	7.257		
13,600.00	7,279.06	13,459.30	6,960.42	117.56	117.20	79.00	-1,001.68	7,665.69	1,659.28	1,427.47	231.81	7.158		
13,700.00	7,278.84	13,559.30	6,959.89	119.21	118.84	78.99	-1,001.54	7,765.68	1,659.97	1,424.92	235.05	7.062		
13,800.00	7,278.61	13,659.30	6,959.36	120.85	120.49	78.99	-1,001.40	7,865.68	1,660.66	1,422.36	238.30	6.969		
13,900.00	7,278.39	13,759.29	6,958.83	122.50	122.14	78.98	-1,001.27	7,965.67	1,661.35	1,419.81	241.55	6.878		
14,000.00	7,278.17	13,859.29	6,958.30	124.15	123.79	78.97	-1,001.13	8,065.67	1,662.05	1,417.25	244.80	6.789		
14,100.00	7,277.94	13,959.29	6,957.77	125.80	125.44	78.97	-1,000.99	8,165.67	1,662.74	1,414.69	248.05	6.703		
14,200.00	7,277.72	14,059.29	6,957.24	127.45	127.09	78.96	-1,000.85	8,265.66	1,663.43	1,412.13	251.30	6.619		
14,300.00	7,277.50	14,159.28	6,956.71	129.10	128.74	78.95	-1,000.72	8,365.66	1,664.12	1,409.57	254.56	6.537		
14,400.00	7,277.27	14,259.28	6,956.18	130.75	130.39	78.95	-1,000.58	8,465.65	1,664.82	1,407.01	257.81	6.458		
14,500.00	7,277.05	14,359.28	6,955.65	132.40	132.05	78.94	-1,000.44	8,565.65	1,665.51	1,404.44	261.06	6.380		
14,600.00	7,276.83	14,459.28	6,955.12	134.06	133.70	78.94	-1,000.30	8,665.65	1,666.20	1,401.88	264.32	6.304		
14,700.00	7,276.60	14,559.27	6,954.59	135.71	135.35	78.93	-1,000.17	8,765.64	1,666.89	1,399.32	267.57	6.230		
14,800.00	7,276.38	14,659.27	6,954.06	137.36	137.01	78.92	-1,000.03	8,865.64	1,667.59	1,396.75	270.83	6.157		
14,900.00	7,276.16	14,759.27	6,953.53	139.02	138.66	78.92	-999.89	8,965.63	1,668.28	1,394.19	274.09	6.087		
15,000.00	7,275.94	14,859.27	6,953.00	140.67	140.31	78.91	-999.75	9,065.63	1,668.97	1,391.62	277.35	6.018		
15,100.00	7,275.71	14,959.26	6,952.47	142.32	141.97	78.91	-999.62	9,165.63	1,669.66	1,389.06	280.61	5.950		
15,200.00	7,275.49	15,059.26	6,951.94	143.98	143.62	78.90	-999.48	9,265.62	1,670.35	1,386.49	283.87	5.884		
15,300.00	7,275.27	15,159.26	6,951.41	145.63	145.28	78.89	-999.34	9,365.62	1,671.05	1,383.92	287.13	5.820		
15,400.00	7,275.04	15,259.26	6,950.88	147.29	146.94	78.89	-999.20	9,465.61	1,671.74	1,381.35	290.39	5.757		
15,500.00	7,274.82	15,359.25	6,950.35	148.95	148.59	78.88	-999.07	9,565.61	1,672.43	1,378.78	293.65	5.695		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36N-3A-L - 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,274.60	15,459.25	6,949.82	150.60	150.25	78.88	-998.93	9,665.61	1,673.12	1,376.21	296.91	5.635	
15,700.00	7,274.37	15,559.25	6,949.29	152.26	151.91	78.87	-998.79	9,765.60	1,673.82	1,373.64	300.17	5.576	
15,800.00	7,274.15	15,659.25	6,948.76	153.92	153.56	78.86	-998.66	9,865.60	1,674.51	1,371.07	303.44	5.519	
15,900.00	7,273.93	15,759.24	6,948.23	155.57	155.22	78.86	-998.52	9,965.59	1,675.20	1,368.50	306.70	5.462	
16,000.00	7,273.70	15,859.24	6,947.70	157.23	156.88	78.85	-998.38	10,065.59	1,675.89	1,365.93	309.96	5.407	
16,100.00	7,273.48	15,959.24	6,947.17	158.89	158.54	78.85	-998.24	10,165.59	1,676.59	1,363.36	313.23	5.353	
16,200.00	7,273.26	16,059.24	6,946.64	160.55	160.20	78.84	-998.11	10,265.58	1,677.28	1,360.79	316.49	5.300	
16,300.00	7,273.03	16,159.23	6,946.11	162.20	161.86	78.83	-997.97	10,365.58	1,677.97	1,358.22	319.76	5.248	
16,400.00	7,272.81	16,259.23	6,945.58	163.86	163.52	78.83	-997.83	10,465.57	1,678.66	1,355.64	323.02	5.197	
16,500.00	7,272.59	16,359.23	6,945.05	165.52	165.18	78.82	-997.69	10,565.57	1,679.36	1,353.07	326.29	5.147	
16,600.00	7,272.36	16,459.23	6,944.52	167.18	166.84	78.82	-997.56	10,665.57	1,680.05	1,350.50	329.55	5.098	
16,700.00	7,272.14	16,559.22	6,943.99	168.84	168.50	78.81	-997.42	10,765.56	1,680.74	1,347.92	332.82	5.050	
16,800.00	7,271.92	16,659.22	6,943.46	170.50	170.16	78.80	-997.28	10,865.56	1,681.44	1,345.35	336.09	5.003	
16,900.00	7,271.69	16,759.22	6,942.93	172.16	171.82	78.80	-997.14	10,965.55	1,682.13	1,342.77	339.35	4.957	
17,000.00	7,271.47	16,859.22	6,942.40	173.82	173.48	78.79	-997.01	11,065.55	1,682.82	1,340.20	342.62	4.912	
17,100.00	7,271.25	16,959.21	6,941.87	175.48	175.14	78.79	-996.87	11,165.55	1,683.51	1,337.62	345.89	4.867	
17,200.00	7,271.02	17,059.21	6,941.34	177.14	176.80	78.78	-996.73	11,265.54	1,684.21	1,335.05	349.16	4.824	
17,300.00	7,270.80	17,159.21	6,940.81	178.80	178.46	78.77	-996.59	11,365.54	1,684.90	1,332.47	352.43	4.781	
17,400.00	7,270.58	17,259.21	6,940.28	180.46	180.12	78.77	-996.46	11,465.53	1,685.59	1,329.90	355.70	4.739	
17,500.00	7,270.35	17,359.20	6,939.75	182.12	181.79	78.76	-996.32	11,565.53	1,686.28	1,327.32	358.96	4.698	
17,600.00	7,270.13	17,459.20	6,939.22	183.79	183.45	78.76	-996.18	11,665.52	1,686.98	1,324.74	362.23	4.657	
17,700.00	7,269.91	17,559.20	6,938.69	185.45	185.11	78.75	-996.04	11,765.52	1,687.67	1,322.17	365.50	4.617	
17,800.00	7,269.68	17,601.54	6,938.47	187.11	185.81	78.75	-995.99	11,807.87	1,689.35	1,321.70	367.64	4.595 SF	
17,900.00	7,269.46	17,601.54	6,938.47	188.77	185.81	78.75	-995.99	11,807.87	1,696.40	1,328.43	367.97	4.610	
18,000.00	7,269.24	17,601.54	6,938.47	190.43	185.81	78.75	-995.99	11,807.87	1,709.28	1,342.20	367.08	4.656	
18,100.00	7,269.02	17,601.54	6,938.47	192.10	185.81	78.75	-995.99	11,807.87	1,727.86	1,362.84	365.02	4.734	
18,200.00	7,268.79	17,601.54	6,938.47	193.76	185.81	78.75	-995.99	11,807.87	1,751.96	1,390.06	361.90	4.841	
18,206.76	7,268.78	17,601.54	6,938.47	193.87	185.81	78.75	-995.99	11,807.87	1,753.79	1,392.13	361.66	4.849	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36N-3B-L - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	90.45	-1.09	140.04	140.04				
100.00	100.00	102.00	98.00	3.28	3.28	90.45	-1.09	140.04	140.04	132.52	7.53	18.600	
200.00	200.00	198.00	198.00	3.31	3.30	90.45	-1.09	140.04	140.04	132.47	7.57	18.492 CC, ES	
300.00	300.00	293.96	293.95	3.35	3.34	90.75	-1.86	141.38	141.45	133.79	7.66	18.477	
400.00	399.98	389.68	389.54	3.41	3.40	25.17	-4.22	145.48	144.21	136.44	7.77	18.564	
500.00	499.84	485.13	484.66	3.50	3.48	27.41	-8.15	152.34	146.92	139.01	7.91	18.567	
600.00	599.45	580.18	579.06	3.61	3.59	30.67	-13.63	161.89	149.93	141.83	8.09	18.525	
700.00	698.70	674.70	672.53	3.75	3.73	34.81	-20.62	174.07	153.70	145.39	8.31	18.502	
800.00	797.47	771.17	767.48	3.91	3.90	39.80	-29.12	188.89	158.42	149.85	8.58	18.468	
900.00	895.62	869.78	864.46	4.12	4.12	45.44	-38.00	204.36	162.31	153.39	8.92	18.197	
1,000.00	993.32	968.19	961.24	4.36	4.36	51.40	-46.86	219.79	166.31	156.99	9.32	17.847	
1,100.00	1,091.01	1,066.58	1,058.02	4.63	4.62	57.05	-55.72	235.23	172.04	162.26	9.77	17.602	
1,200.00	1,188.69	1,164.98	1,154.79	4.93	4.90	62.29	-64.57	250.66	179.36	169.08	10.28	17.446	
1,300.00	1,286.38	1,263.38	1,251.57	5.24	5.19	67.10	-73.43	266.10	188.09	177.26	10.83	17.362	
1,400.00	1,384.06	1,361.78	1,348.34	5.57	5.50	71.47	-82.29	281.53	198.05	186.63	11.42	17.336	
1,500.00	1,481.75	1,460.17	1,445.12	5.92	5.82	75.40	-91.15	296.97	209.06	197.01	12.05	17.350	
1,600.00	1,579.44	1,558.57	1,541.89	6.27	6.15	78.94	-100.01	312.41	220.96	208.25	12.70	17.394	
1,700.00	1,677.12	1,656.97	1,638.67	6.63	6.49	82.11	-108.86	327.84	233.61	220.23	13.38	17.463	
1,800.00	1,774.81	1,755.37	1,735.44	7.01	6.83	84.94	-117.72	343.28	246.91	232.84	14.07	17.549	
1,900.00	1,872.49	1,853.76	1,832.22	7.21	7.09	87.49	-126.58	358.71	260.74	246.59	14.15	18.425	
2,000.00	1,970.18	1,952.16	1,928.99	7.26	7.20	89.78	-135.44	374.15	275.04	260.71	14.33	19.193	
2,100.00	2,067.87	2,050.56	2,025.77	7.33	7.25	91.85	-144.29	389.58	289.73	275.26	14.47	20.020	
2,200.00	2,165.55	2,148.96	2,122.54	7.42	7.32	93.71	-153.15	405.02	304.75	290.11	14.64	20.813	
2,300.00	2,263.24	2,247.36	2,219.32	7.52	7.40	95.40	-162.01	420.45	320.07	305.22	14.84	21.564	
2,400.00	2,360.92	2,345.75	2,316.09	7.64	7.50	96.93	-170.87	435.89	335.63	320.56	15.07	22.271	
2,500.00	2,458.61	2,444.15	2,412.87	7.77	7.61	98.33	-179.73	451.32	351.40	336.08	15.32	22.931	
2,600.00	2,556.30	2,542.55	2,509.64	7.92	7.73	99.61	-188.58	466.76	367.37	351.76	15.61	23.541	
2,700.00	2,653.98	2,640.95	2,606.42	8.08	7.87	100.78	-197.44	482.20	383.50	367.59	15.91	24.103	
2,800.00	2,751.67	2,739.34	2,703.19	8.26	8.03	101.86	-206.30	497.63	399.77	383.53	16.24	24.616	
2,900.00	2,849.35	2,837.74	2,799.96	8.45	8.19	102.85	-215.16	513.07	416.17	399.58	16.59	25.083	
3,000.00	2,947.04	2,936.14	2,896.74	8.65	8.37	103.77	-224.01	528.50	432.69	415.72	16.96	25.505	
3,100.00	3,044.72	3,034.54	2,993.51	8.86	8.55	104.62	-232.87	543.94	449.30	431.95	17.36	25.885	
3,200.00	3,142.41	3,132.93	3,090.29	9.08	8.75	105.41	-241.73	559.37	466.01	448.24	17.77	26.225	
3,300.00	3,240.10	3,231.33	3,187.06	9.31	8.95	106.15	-250.59	574.81	482.79	464.60	18.20	26.529	
3,400.00	3,337.78	3,329.73	3,283.84	9.55	9.17	106.83	-259.45	590.24	499.65	481.01	18.64	26.800	
3,500.00	3,435.47	3,428.13	3,380.61	9.80	9.39	107.47	-268.30	605.68	516.57	497.47	19.10	27.040	
3,600.00	3,533.15	3,526.52	3,477.39	10.05	9.62	108.08	-277.16	621.11	533.56	513.98	19.58	27.252	
3,700.00	3,630.84	3,624.92	3,574.16	10.31	9.85	108.64	-286.02	636.55	550.59	530.53	20.07	27.438	
3,800.00	3,728.53	3,723.32	3,670.94	10.58	10.10	109.17	-294.88	651.99	567.68	547.11	20.57	27.601	
3,900.00	3,826.21	3,821.72	3,767.71	10.85	10.35	109.67	-303.73	667.42	584.81	563.73	21.08	27.744	
4,000.00	3,923.90	3,920.11	3,864.49	11.13	10.60	110.14	-312.59	682.86	601.98	580.37	21.60	27.868	
4,100.00	4,021.58	4,018.51	3,961.26	11.42	10.86	110.58	-321.45	698.29	619.18	597.05	22.13	27.976	
4,200.00	4,119.27	4,116.91	4,058.04	11.70	11.13	111.00	-330.31	713.73	636.42	613.75	22.67	28.069	
4,300.00	4,216.96	4,215.31	4,154.81	12.00	11.39	111.40	-339.16	729.16	653.70	630.47	23.22	28.148	
4,400.00	4,314.64	4,313.70	4,251.59	12.29	11.67	111.78	-348.02	744.60	671.00	647.22	23.78	28.215	
4,500.00	4,412.33	4,412.10	4,348.36	12.59	11.95	112.14	-356.88	760.03	688.33	663.98	24.35	28.272	
4,600.00	4,510.01	4,510.50	4,445.14	12.90	12.23	112.48	-365.74	775.47	705.68	680.76	24.92	28.320	
4,700.00	4,607.70	4,608.90	4,541.91	13.21	12.51	112.81	-374.60	790.90	723.06	697.56	25.50	28.359	
4,800.00	4,705.39	4,707.29	4,638.69	13.52	12.80	113.12	-383.45	806.34	740.46	714.38	26.08	28.391	
4,900.00	4,803.07	4,805.69	4,735.46	13.83	13.09	113.41	-392.31	821.78	757.88	731.21	26.67	28.415	
5,000.00	4,900.76	4,904.09	4,832.24	14.14	13.38	113.69	-401.17	837.21	775.31	748.05	27.27	28.434	
5,100.00	4,998.44	5,002.49	4,929.01	14.46	13.68	113.96	-410.03	852.65	792.77	764.90	27.87	28.448	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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	5,096.13	5,100.88	5,025.79	14.78	13.98	114.22	-418.88	868.08	810.24	781.77	28.47	28.458	
5,300.00	5,193.82	5,200.72	5,122.56	15.11	14.28	114.47	-427.74	883.52	827.73	798.64	29.09	28.458	
5,400.00	5,291.50	5,302.32	5,219.34	15.43	14.59	114.71	-436.60	898.95	845.23	815.52	29.71	28.451	
5,500.00	5,389.19	5,403.92	5,316.11	15.76	14.91	114.93	-445.46	914.39	862.74	832.41	30.34	28.440	
5,600.00	5,486.87	5,505.52	5,412.89	16.09	15.22	115.15	-454.32	929.82	880.27	849.30	30.97	28.427	
5,700.00	5,584.56	5,607.13	5,509.66	16.42	15.54	115.36	-463.17	945.26	897.81	866.21	31.60	28.412	
5,800.00	5,682.25	5,708.73	5,606.44	16.75	15.86	115.56	-472.03	960.69	915.36	883.12	32.24	28.394	
5,900.00	5,779.93	5,789.67	5,703.21	17.08	16.12	115.76	-480.89	976.13	932.92	900.11	32.81	28.430	
6,000.00	5,877.62	5,888.07	5,799.99	17.42	16.43	115.95	-489.75	991.57	950.49	917.04	33.45	28.417	
6,100.00	5,975.30	5,986.46	5,896.76	17.75	16.75	116.13	-498.60	1,007.00	968.07	933.99	34.08	28.403	
6,200.00	6,072.99	6,084.86	5,993.53	18.09	17.06	116.30	-507.46	1,022.44	985.66	950.94	34.72	28.387	
6,300.00	6,170.67	6,183.26	6,090.31	18.43	17.38	116.47	-516.32	1,037.87	1,003.26	967.90	35.36	28.370	
6,400.00	6,268.36	6,281.66	6,187.08	18.77	17.70	116.63	-525.18	1,053.31	1,020.87	984.86	36.01	28.352	
6,500.00	6,366.05	6,380.05	6,283.86	19.11	18.02	116.79	-534.04	1,068.74	1,038.48	1,001.83	36.65	28.334	
6,600.00	6,463.73	6,478.45	6,380.63	19.45	18.34	116.94	-542.89	1,084.18	1,056.10	1,018.80	37.30	28.314	
6,700.00	6,561.42	6,576.85	6,477.41	19.79	18.66	117.08	-551.75	1,099.61	1,073.73	1,035.78	37.95	28.294	
6,800.00	6,659.10	6,675.25	6,574.18	20.13	18.98	117.23	-560.61	1,115.05	1,091.36	1,052.76	38.60	28.274	
6,900.00	6,756.79	6,791.83	6,686.89	20.48	19.41	116.91	-570.89	1,142.34	1,108.25	1,068.87	39.38	28.140	
7,000.00	6,853.49	6,906.13	6,790.82	20.85	19.95	106.85	-580.28	1,188.62	1,123.87	1,083.58	40.28	27.899	
7,100.00	6,945.46	7,016.36	6,881.70	21.34	20.59	99.55	-588.40	1,250.22	1,138.87	1,097.48	41.39	27.518	
7,200.00	7,030.35	7,122.76	6,958.15	21.94	21.30	94.75	-595.15	1,323.75	1,152.98	1,110.30	42.68	27.013	
7,300.00	7,106.06	7,225.58	7,019.46	22.66	22.08	91.10	-600.46	1,405.97	1,165.90	1,121.73	44.17	26.396	
7,400.00	7,170.73	7,325.09	7,065.52	23.49	22.92	88.16	-604.35	1,493.98	1,177.30	1,131.47	45.83	25.687	
7,500.00	7,222.77	7,421.58	7,096.63	24.43	23.82	85.76	-606.84	1,585.19	1,186.90	1,139.25	47.65	24.909	
7,600.00	7,260.89	7,515.36	7,113.38	25.45	24.75	83.83	-608.01	1,677.36	1,194.42	1,144.84	49.58	24.090	
7,700.00	7,284.16	7,608.55	7,116.92	26.55	25.71	82.33	-607.95	1,770.42	1,199.63	1,148.03	51.61	23.245	
7,800.00	7,292.01	7,708.10	7,116.57	27.69	26.80	81.70	-607.51	1,869.97	1,201.80	1,147.98	53.82	22.328	
7,900.00	7,291.78	7,808.10	7,116.22	28.86	27.95	81.70	-607.07	1,969.97	1,202.16	1,145.99	56.17	21.403	
8,000.00	7,291.56	7,908.10	7,115.88	30.07	29.16	81.69	-606.63	2,069.97	1,202.51	1,143.91	58.61	20.518	
8,100.00	7,291.34	8,008.10	7,115.53	31.33	30.41	81.69	-606.18	2,169.97	1,202.87	1,141.74	61.13	19.678	
8,200.00	7,291.11	8,108.10	7,115.18	32.62	31.70	81.69	-605.74	2,269.96	1,203.22	1,139.50	63.72	18.882	
8,300.00	7,290.89	8,208.10	7,114.83	33.95	33.03	81.68	-605.30	2,369.96	1,203.58	1,137.20	66.38	18.131	
8,400.00	7,290.67	8,308.10	7,114.48	35.30	34.39	81.68	-604.86	2,469.96	1,203.93	1,134.83	69.10	17.423	
8,500.00	7,290.44	8,408.10	7,114.13	36.69	35.78	81.68	-604.42	2,569.96	1,204.29	1,132.42	71.87	16.757	
8,600.00	7,290.22	8,508.10	7,113.78	38.09	37.19	81.67	-603.97	2,669.96	1,204.64	1,129.97	74.68	16.131	
8,700.00	7,290.00	8,608.10	7,113.43	39.51	38.62	81.67	-603.53	2,769.95	1,205.00	1,127.47	77.53	15.542	
8,800.00	7,289.78	8,708.10	7,113.08	40.96	40.07	81.67	-603.09	2,869.95	1,205.35	1,124.94	80.42	14.989	
8,900.00	7,289.55	8,808.09	7,112.73	42.42	41.54	81.66	-602.65	2,969.95	1,205.71	1,122.37	83.34	14.468	
9,000.00	7,289.33	8,908.09	7,112.38	43.89	43.03	81.66	-602.20	3,069.95	1,206.06	1,119.78	86.29	13.978	
9,100.00	7,289.11	9,008.09	7,112.04	45.38	44.52	81.66	-601.76	3,169.94	1,206.42	1,117.16	89.26	13.516	
9,200.00	7,288.88	9,108.09	7,111.69	46.88	46.03	81.65	-601.32	3,269.94	1,206.77	1,114.52	92.26	13.081	
9,300.00	7,288.66	9,208.09	7,111.34	48.39	47.55	81.65	-600.88	3,369.94	1,207.13	1,111.85	95.27	12.670	
9,400.00	7,288.44	9,308.09	7,110.99	49.91	49.09	81.64	-600.43	3,469.94	1,207.48	1,109.17	98.31	12.282	
9,500.00	7,288.21	9,408.09	7,110.64	51.44	50.63	81.64	-599.99	3,569.94	1,207.84	1,106.47	101.37	11.915	
9,600.00	7,287.99	9,508.09	7,110.29	52.98	52.17	81.64	-599.55	3,669.93	1,208.20	1,103.76	104.44	11.568	
9,700.00	7,287.77	9,608.09	7,109.94	54.53	53.73	81.63	-599.11	3,769.93	1,208.55	1,101.03	107.52	11.240	
9,800.00	7,287.54	9,708.09	7,109.59	56.09	55.29	81.63	-598.66	3,869.93	1,208.91	1,098.28	110.62	10.928	
9,900.00	7,287.32	9,808.09	7,109.24	57.65	56.86	81.63	-598.22	3,969.93	1,209.26	1,095.53	113.73	10.632	
10,000.00	7,287.10	9,908.09	7,108.89	59.21	58.44	81.62	-597.78	4,069.92	1,209.62	1,092.76	116.85	10.351	
10,100.00	7,286.87	10,008.09	7,108.54	60.79	60.02	81.62	-597.34	4,169.92	1,209.97	1,089.98	119.99	10.084	
10,200.00	7,286.65	10,108.09	7,108.19	62.36	61.60	81.62	-596.89	4,269.92	1,210.33	1,087.20	123.13	9.830	
10,300.00	7,286.43	10,208.09	7,107.85	63.95	63.19	81.61	-596.45	4,369.92	1,210.68	1,084.40	126.28	9.587	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36N-3B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,286.20	10,308.08	7,107.50	65.53	64.78	81.61	-596.01	4,469.92	1,211.04	1,081.60	129.44	9.356		
10,500.00	7,285.98	10,408.08	7,107.15	67.12	66.38	81.61	-595.57	4,569.91	1,211.39	1,078.79	132.60	9.135		
10,600.00	7,285.76	10,508.08	7,106.80	68.72	67.98	81.60	-595.13	4,669.91	1,211.75	1,075.97	135.78	8.924		
10,700.00	7,285.53	10,608.08	7,106.45	70.32	69.59	81.60	-594.68	4,769.91	1,212.10	1,073.15	138.96	8.723		
10,800.00	7,285.31	10,708.08	7,106.10	71.92	71.20	81.60	-594.24	4,869.91	1,212.46	1,070.31	142.14	8.530		
10,900.00	7,285.09	10,808.08	7,105.75	73.52	72.81	81.59	-593.80	4,969.90	1,212.81	1,067.48	145.34	8.345		
11,000.00	7,284.86	10,908.08	7,105.40	75.13	74.42	81.59	-593.36	5,069.90	1,213.17	1,064.64	148.53	8.168		
11,100.00	7,284.64	11,008.08	7,105.05	76.74	76.04	81.58	-592.91	5,169.90	1,213.52	1,061.79	151.73	7.998		
11,200.00	7,284.42	11,108.08	7,104.70	78.35	77.65	81.58	-592.47	5,269.90	1,213.88	1,058.94	154.94	7.834		
11,300.00	7,284.19	11,208.08	7,104.35	79.97	79.28	81.58	-592.03	5,369.90	1,214.23	1,056.08	158.15	7.678		
11,400.00	7,283.97	11,308.08	7,104.01	81.59	80.90	81.57	-591.59	5,469.89	1,214.59	1,053.22	161.37	7.527		
11,500.00	7,283.75	11,408.08	7,103.66	83.21	82.52	81.57	-591.14	5,569.89	1,214.94	1,050.36	164.59	7.382		
11,600.00	7,283.52	11,508.08	7,103.31	84.83	84.15	81.57	-590.70	5,669.89	1,215.30	1,047.49	167.81	7.242		
11,700.00	7,283.30	11,608.08	7,102.96	86.45	85.78	81.56	-590.26	5,769.89	1,215.66	1,044.62	171.03	7.108		
11,800.00	7,283.08	11,708.08	7,102.61	88.08	87.41	81.56	-589.82	5,869.88	1,216.01	1,041.75	174.26	6.978		
11,900.00	7,282.86	11,808.07	7,102.26	89.71	89.04	81.56	-589.37	5,969.88	1,216.37	1,038.87	177.50	6.853		
12,000.00	7,282.63	11,908.07	7,101.91	91.33	90.67	81.55	-588.93	6,069.88	1,216.72	1,035.99	180.73	6.732		
12,100.00	7,282.41	12,008.07	7,101.56	92.97	92.31	81.55	-588.49	6,169.88	1,217.08	1,033.11	183.97	6.616		
12,200.00	7,282.19	12,108.07	7,101.21	94.60	93.94	81.55	-588.05	6,269.87	1,217.43	1,030.22	187.21	6.503		
12,300.00	7,281.96	12,208.07	7,100.86	96.23	95.58	81.54	-587.61	6,369.87	1,217.79	1,027.33	190.45	6.394		
12,400.00	7,281.74	12,308.07	7,100.51	97.86	97.22	81.54	-587.16	6,469.87	1,218.14	1,024.44	193.70	6.289		
12,500.00	7,281.52	12,408.07	7,100.16	99.50	98.86	81.54	-586.72	6,569.87	1,218.50	1,021.55	196.95	6.187		
12,600.00	7,281.29	12,508.07	7,099.82	101.14	100.50	81.53	-586.28	6,669.87	1,218.85	1,018.66	200.20	6.088		
12,700.00	7,281.07	12,608.07	7,099.47	102.78	102.14	81.53	-585.84	6,769.86	1,219.21	1,015.76	203.45	5.993		
12,800.00	7,280.85	12,708.07	7,099.12	104.41	103.78	81.52	-585.39	6,869.86	1,219.56	1,012.86	206.70	5.900		
12,900.00	7,280.62	12,808.07	7,098.77	106.05	105.43	81.52	-584.95	6,969.86	1,219.92	1,009.96	209.96	5.810		
13,000.00	7,280.40	12,908.07	7,098.42	107.70	107.07	81.52	-584.51	7,069.86	1,220.27	1,007.06	213.21	5.723		
13,100.00	7,280.18	13,008.07	7,098.07	109.34	108.72	81.51	-584.07	7,169.85	1,220.63	1,004.16	216.47	5.639		
13,200.00	7,279.95	13,108.07	7,097.72	110.98	110.36	81.51	-583.62	7,269.85	1,220.99	1,001.25	219.73	5.557		
13,300.00	7,279.73	13,208.07	7,097.37	112.62	112.01	81.51	-583.18	7,369.85	1,221.34	998.35	222.99	5.477		
13,400.00	7,279.51	13,308.07	7,097.02	114.27	113.66	81.50	-582.74	7,469.85	1,221.70	995.44	226.26	5.400		
13,500.00	7,279.28	13,408.06	7,096.67	115.91	115.31	81.50	-582.30	7,569.85	1,222.05	992.53	229.52	5.324		
13,600.00	7,279.06	13,508.06	7,096.32	117.56	116.96	81.50	-581.85	7,669.84	1,222.41	989.62	232.79	5.251		
13,700.00	7,278.84	13,608.06	7,095.98	119.21	118.61	81.49	-581.41	7,769.84	1,222.76	986.71	236.06	5.180		
13,800.00	7,278.61	13,708.06	7,095.63	120.85	120.26	81.49	-580.97	7,869.84	1,223.12	983.79	239.32	5.111		
13,900.00	7,278.39	13,808.06	7,095.28	122.50	121.91	81.49	-580.53	7,969.84	1,223.47	980.88	242.59	5.043		
14,000.00	7,278.17	13,908.06	7,094.93	124.15	123.56	81.48	-580.09	8,069.83	1,223.83	977.96	245.86	4.978		
14,100.00	7,277.94	14,008.06	7,094.58	125.80	125.21	81.48	-579.64	8,169.83	1,224.18	975.05	249.14	4.914		
14,200.00	7,277.72	14,108.06	7,094.23	127.45	126.86	81.48	-579.20	8,269.83	1,224.54	972.13	252.41	4.851		
14,300.00	7,277.50	14,208.06	7,093.88	129.10	128.52	81.47	-578.76	8,369.83	1,224.89	969.21	255.68	4.791		
14,400.00	7,277.27	14,308.06	7,093.53	130.75	130.17	81.47	-578.32	8,469.83	1,225.25	966.29	258.96	4.731		
14,500.00	7,277.05	14,408.06	7,093.18	132.40	131.82	81.47	-577.87	8,569.82	1,225.61	963.37	262.23	4.674		
14,600.00	7,276.83	14,508.06	7,092.83	134.06	133.48	81.46	-577.43	8,669.82	1,225.96	960.45	265.51	4.617		
14,700.00	7,276.60	14,608.06	7,092.48	135.71	135.13	81.46	-576.99	8,769.82	1,226.32	957.53	268.79	4.562		
14,800.00	7,276.38	14,708.06	7,092.13	137.36	136.79	81.46	-576.55	8,869.82	1,226.67	954.61	272.06	4.509		
14,900.00	7,276.16	14,808.06	7,091.79	139.02	138.44	81.45	-576.10	8,969.81	1,227.03	951.68	275.34	4.456		
15,000.00	7,275.94	14,908.05	7,091.44	140.67	140.10	81.45	-575.66	9,069.81	1,227.38	948.76	278.62	4.405		
15,100.00	7,275.71	15,008.05	7,091.09	142.32	141.76	81.45	-575.22	9,169.81	1,227.74	945.84	281.90	4.355		
15,200.00	7,275.49	15,108.05	7,090.74	143.98	143.41	81.44	-574.78	9,269.81	1,228.09	942.91	285.18	4.306		
15,300.00	7,275.27	15,208.05	7,090.39	145.63	145.07	81.44	-574.33	9,369.81	1,228.45	939.98	288.47	4.259		
15,400.00	7,275.04	15,308.05	7,090.04	147.29	146.73	81.43	-573.89	9,469.80	1,228.80	937.06	291.75	4.212		
15,500.00	7,274.82	15,408.05	7,089.69	148.95	148.39	81.43	-573.45	9,569.80	1,229.16	934.13	295.03	4.166		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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 36N-3B-L - 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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,600.00	7,274.60	15,508.05	7,089.34	150.60	150.05	81.43	-573.01	9,669.80	1,229.52	931.20	298.31	4.122	
15,700.00	7,274.37	15,608.05	7,088.99	152.26	151.70	81.42	-572.57	9,769.80	1,229.87	928.27	301.60	4.078	
15,800.00	7,274.15	15,708.05	7,088.64	153.92	153.36	81.42	-572.12	9,869.79	1,230.23	925.34	304.88	4.035	
15,900.00	7,273.93	15,808.05	7,088.29	155.57	155.02	81.42	-571.68	9,969.79	1,230.58	922.41	308.17	3.993	
16,000.00	7,273.70	15,908.05	7,087.95	157.23	156.68	81.41	-571.24	10,069.79	1,230.94	919.48	311.45	3.952	
16,100.00	7,273.48	16,008.05	7,087.60	158.89	158.34	81.41	-570.80	10,169.79	1,231.29	916.55	314.74	3.912	
16,200.00	7,273.26	16,108.05	7,087.25	160.55	160.00	81.41	-570.35	10,269.79	1,231.65	913.62	318.03	3.873	
16,300.00	7,273.03	16,208.05	7,086.90	162.20	161.66	81.40	-569.91	10,369.78	1,232.00	910.69	321.31	3.834	
16,400.00	7,272.81	16,308.05	7,086.55	163.86	163.32	81.40	-569.47	10,469.78	1,232.36	907.76	324.60	3.797	
16,500.00	7,272.59	16,408.04	7,086.20	165.52	164.98	81.40	-569.03	10,569.78	1,232.71	904.83	327.89	3.760	
16,600.00	7,272.36	16,508.04	7,085.85	167.18	166.64	81.39	-568.58	10,669.78	1,233.07	901.89	331.18	3.723	
16,700.00	7,272.14	16,608.04	7,085.50	168.84	168.30	81.39	-568.14	10,769.77	1,233.43	898.96	334.46	3.688	
16,800.00	7,271.92	16,708.04	7,085.15	170.50	169.97	81.39	-567.70	10,869.77	1,233.78	896.03	337.75	3.653	
16,900.00	7,271.69	16,808.04	7,084.80	172.16	171.63	81.38	-567.26	10,969.77	1,234.14	893.09	341.04	3.619	
17,000.00	7,271.47	16,908.04	7,084.45	173.82	173.29	81.38	-566.81	11,069.77	1,234.49	890.16	344.33	3.585	
17,100.00	7,271.25	17,008.04	7,084.10	175.48	174.95	81.38	-566.37	11,169.76	1,234.85	887.22	347.62	3.552	
17,200.00	7,271.02	17,108.04	7,083.76	177.14	176.61	81.37	-565.93	11,269.76	1,235.20	884.29	350.91	3.520	
17,300.00	7,270.80	17,208.04	7,083.41	178.80	178.28	81.37	-565.49	11,369.76	1,235.56	881.35	354.20	3.488	
17,400.00	7,270.58	17,308.04	7,083.06	180.46	179.94	81.37	-565.05	11,469.76	1,235.91	878.42	357.50	3.457	
17,500.00	7,270.35	17,408.04	7,082.71	182.12	181.60	81.36	-564.60	11,569.76	1,236.27	875.48	360.79	3.427	
17,600.00	7,270.13	17,508.04	7,082.36	183.79	183.26	81.36	-564.16	11,669.75	1,236.63	872.55	364.08	3.397	
17,700.00	7,269.91	17,608.04	7,082.01	185.45	184.93	81.36	-563.72	11,769.75	1,236.98	869.61	367.37	3.367	
17,800.00	7,269.68	17,708.04	7,081.66	187.11	186.59	81.35	-563.28	11,869.75	1,237.34	866.67	370.66	3.338	
17,900.00	7,269.46	17,808.04	7,081.31	188.77	188.25	81.35	-562.83	11,969.75	1,237.69	863.74	373.96	3.310	
18,000.00	7,269.24	17,908.03	7,080.96	190.43	189.92	81.35	-562.39	12,069.74	1,238.05	860.80	377.25	3.282	
18,100.00	7,269.02	17,997.31	7,080.65	192.10	191.40	81.34	-562.00	12,159.02	1,238.45	858.11	380.34	3.256 SF	
18,200.00	7,268.79	17,997.31	7,080.65	193.76	191.40	81.34	-562.00	12,159.02	1,243.70	863.27	380.42	3.269	
18,206.76	7,268.78	17,997.31	7,080.65	193.87	191.40	81.34	-562.00	12,159.02	1,244.34	864.00	380.34	3.272	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,300.00	5,193.82	14,717.24	7,137.19	15.11	228.26	125.89	-1,216.17	878.21	2,462.99	2,288.24	174.75	14.094		
5,400.00	5,291.50	14,738.94	7,137.65	15.43	228.90	125.23	-1,216.23	899.91	2,396.07	2,216.26	179.80	13.326		
5,500.00	5,389.19	14,760.65	7,138.11	15.76	229.54	124.57	-1,216.29	921.61	2,331.31	2,146.28	185.03	12.599		
5,600.00	5,486.87	14,782.35	7,138.57	16.09	230.18	123.90	-1,216.35	943.31	2,268.91	2,078.49	190.42	11.915		
5,700.00	5,584.56	14,804.06	7,139.04	16.42	230.81	123.23	-1,216.40	965.01	2,209.06	2,013.10	195.96	11.273		
5,800.00	5,682.25	14,825.76	7,139.50	16.75	231.45	122.56	-1,216.46	986.71	2,151.98	1,950.36	201.61	10.674		
5,900.00	5,779.93	14,847.46	7,139.96	17.08	232.09	121.89	-1,216.52	1,008.41	2,097.88	1,890.53	207.35	10.117		
6,000.00	5,877.62	14,869.17	7,140.42	17.42	232.73	121.22	-1,216.58	1,030.11	2,047.02	1,833.88	213.14	9.604		
6,100.00	5,975.30	14,909.13	7,140.88	17.75	233.91	120.54	-1,216.63	1,051.80	1,999.63	1,780.25	219.37	9.115		
6,200.00	6,072.99	14,912.58	7,141.35	18.09	234.01	119.86	-1,216.69	1,073.50	1,955.96	1,731.34	224.62	8.708		
6,300.00	6,170.67	14,934.28	7,141.81	18.43	234.65	119.18	-1,216.75	1,095.20	1,916.28	1,686.07	230.21	8.324		
6,400.00	6,268.36	14,955.99	7,142.27	18.77	235.29	118.50	-1,216.81	1,116.90	1,880.83	1,645.25	235.58	7.984		
6,500.00	6,366.05	14,977.69	7,142.73	19.11	235.92	117.82	-1,216.86	1,138.60	1,849.86	1,609.18	240.68	7.686		
6,600.00	6,463.73	14,999.40	7,143.20	19.45	236.56	117.13	-1,216.92	1,160.30	1,823.60	1,578.19	245.41	7.431		
6,700.00	6,561.42	15,021.10	7,143.66	19.79	237.20	116.45	-1,216.98	1,182.00	1,802.24	1,552.54	249.70	7.218		
6,800.00	6,659.10	15,042.80	7,144.12	20.13	237.84	115.76	-1,217.04	1,203.70	1,785.98	1,532.50	253.47	7.046		
6,900.00	6,756.79	15,064.51	7,144.58	20.48	238.48	115.08	-1,217.10	1,225.40	1,774.94	1,518.27	256.66	6.915		
7,000.00	6,853.49	15,109.69	7,145.13	20.85	239.81	106.68	-1,217.16	1,251.19	1,769.31	1,509.39	259.92	6.807		
7,054.95	6,904.77	15,110.54	7,145.56	21.12	239.83	103.06	-1,217.22	1,271.42	1,768.54	1,507.76	260.78	6.782 CC		
7,100.00	6,945.46	15,130.37	7,145.98	21.34	240.42	100.75	-1,217.27	1,291.25	1,769.02	1,507.13	261.90	6.755		
7,200.00	7,030.35	15,184.25	7,147.13	21.94	242.00	96.54	-1,217.41	1,345.12	1,773.14	1,508.79	264.36	6.707		
7,300.00	7,106.06	15,250.63	7,148.54	22.66	243.96	92.92	-1,217.59	1,411.48	1,780.35	1,513.51	266.84	6.672		
7,400.00	7,170.73	15,327.87	7,150.19	23.49	246.23	89.71	-1,217.79	1,488.70	1,789.15	1,519.69	269.46	6.640		
7,500.00	7,222.77	15,414.07	7,152.02	24.43	248.77	86.99	-1,218.02	1,574.88	1,798.04	1,525.71	272.33	6.602		
7,600.00	7,260.89	15,507.10	7,154.01	25.45	251.51	84.91	-1,218.27	1,667.89	1,805.66	1,530.13	275.53	6.553		
7,700.00	7,284.16	15,604.67	7,156.08	26.55	254.38	83.61	-1,218.53	1,765.44	1,810.99	1,531.89	279.10	6.489		
7,800.00	7,292.01	15,704.39	7,158.21	27.69	257.32	83.17	-1,218.79	1,865.13	1,813.38	1,530.35	283.03	6.407		
7,900.00	7,291.78	15,804.36	7,160.33	28.86	260.27	83.24	-1,219.06	1,965.08	1,814.14	1,526.99	287.15	6.318		
8,000.00	7,291.56	15,904.32	7,162.46	30.07	263.21	83.32	-1,219.32	2,065.02	1,814.91	1,523.58	291.33	6.230		
8,100.00	7,291.34	16,004.29	7,164.59	31.33	266.16	83.40	-1,219.59	2,164.97	1,815.68	1,520.14	295.54	6.144		
8,200.00	7,291.11	16,104.26	7,166.72	32.62	269.11	83.47	-1,219.85	2,264.91	1,816.45	1,516.65	299.80	6.059		
8,300.00	7,290.89	16,204.23	7,168.85	33.95	272.05	83.55	-1,220.12	2,364.85	1,817.23	1,513.14	304.09	5.976		
8,400.00	7,290.67	16,304.19	7,170.98	35.30	275.00	83.63	-1,220.39	2,464.80	1,818.01	1,509.59	308.41	5.895		
8,500.00	7,290.44	16,404.16	7,173.11	36.69	277.95	83.71	-1,220.65	2,564.74	1,818.79	1,506.03	312.76	5.815		
8,600.00	7,290.22	16,504.13	7,175.23	38.09	280.89	83.78	-1,220.92	2,664.69	1,819.57	1,502.44	317.14	5.738		
8,700.00	7,290.00	16,604.09	7,177.36	39.51	283.84	83.86	-1,221.18	2,764.63	1,820.36	1,498.83	321.53	5.662		
8,800.00	7,289.78	16,704.06	7,179.49	40.96	286.79	83.94	-1,221.45	2,864.57	1,821.16	1,495.21	325.95	5.587		
8,900.00	7,289.55	16,804.03	7,181.62	42.42	289.74	84.02	-1,221.71	2,964.52	1,821.95	1,491.57	330.38	5.515		
9,000.00	7,289.33	16,903.99	7,183.75	43.89	292.69	84.09	-1,221.98	3,064.46	1,822.75	1,487.92	334.83	5.444		
9,100.00	7,289.11	17,003.96	7,185.88	45.38	295.64	84.17	-1,222.24	3,164.40	1,823.55	1,484.26	339.30	5.374		
9,200.00	7,288.88	17,103.93	7,188.01	46.88	298.59	84.25	-1,222.51	3,264.35	1,824.36	1,480.58	343.78	5.307		
9,300.00	7,288.66	17,203.89	7,190.13	48.39	301.54	84.32	-1,222.77	3,364.29	1,825.17	1,476.90	348.27	5.241		
9,400.00	7,288.44	17,303.86	7,192.26	49.91	304.49	84.40	-1,223.04	3,464.24	1,825.98	1,473.21	352.77	5.176		
9,500.00	7,288.21	17,403.83	7,194.39	51.44	307.44	84.48	-1,223.30	3,564.18	1,826.80	1,469.52	357.28	5.113		
9,600.00	7,287.99	17,503.79	7,196.52	52.98	310.39	84.55	-1,223.57	3,664.12	1,827.61	1,465.82	361.80	5.051		
9,700.00	7,287.77	17,573.34	7,198.00	54.53	312.44	84.61	-1,223.75	3,733.66	1,828.69	1,463.38	365.30	5.006 ES, SF		
9,800.00	7,287.54	17,573.34	7,198.00	56.09	312.44	84.61	-1,223.75	3,733.66	1,833.90	1,468.11	365.79	5.014		
9,900.00	7,287.32	17,573.34	7,198.00	57.65	312.44	84.61	-1,223.75	3,733.66	1,844.53	1,479.29	365.24	5.050		
10,000.00	7,287.10	17,573.34	7,198.00	59.21	312.44	84.61	-1,223.75	3,733.66	1,860.48	1,496.80	363.68	5.116		
10,100.00	7,286.87	17,573.34	7,198.00	60.79	312.44	84.61	-1,223.75	3,733.66	1,881.61	1,520.43	361.19	5.210		
10,200.00	7,286.65	17,573.34	7,198.00	62.36	312.44	84.61	-1,223.75	3,733.66	1,907.77	1,549.93	357.84	5.331		
10,300.00	7,286.43	17,573.34	7,198.00	63.95	312.44	84.61	-1,223.75	3,733.66	1,938.73	1,585.00	353.73	5.481		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-07 BOST FARM 5-7 PAD - BOST FARM 26N-8B-L - Wellbore #1 - Design #1										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1750-SRC Energy_ISCWSA REV 2 MWD+IFR1										<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
10,400.00	7,286.20	17,573.34	7,198.00	65.53	312.44	84.61	-1,223.75	3,733.66	1,974.27	1,625.31	348.96	5.658	
10,500.00	7,285.98	17,573.34	7,198.00	67.12	312.44	84.61	-1,223.75	3,733.66	2,014.16	1,670.51	343.65	5.861	
10,600.00	7,285.76	17,573.34	7,198.00	68.72	312.44	84.61	-1,223.75	3,733.66	2,058.14	1,720.24	337.90	6.091	
10,700.00	7,285.53	17,573.34	7,198.00	70.32	312.44	84.61	-1,223.75	3,733.66	2,105.95	1,774.15	331.80	6.347	
10,800.00	7,285.31	17,573.34	7,198.00	71.92	312.44	84.61	-1,223.75	3,733.66	2,157.34	1,831.88	325.46	6.629	
10,900.00	7,285.09	17,573.34	7,198.00	73.52	312.44	84.61	-1,223.75	3,733.66	2,212.06	1,893.11	318.95	6.935	
11,000.00	7,284.86	17,573.34	7,198.00	75.13	312.44	84.61	-1,223.75	3,733.66	2,269.87	1,957.51	312.36	7.267	
11,100.00	7,284.64	17,573.34	7,198.00	76.74	312.44	84.61	-1,223.75	3,733.66	2,330.54	2,024.80	305.73	7.623	
11,200.00	7,284.42	17,573.34	7,198.00	78.35	312.44	84.61	-1,223.75	3,733.66	2,393.85	2,094.71	299.13	8.003	
11,300.00	7,284.19	17,573.34	7,198.00	79.97	312.44	84.61	-1,223.75	3,733.66	2,459.59	2,166.99	292.60	8.406	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys													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		
8,500.00	7,290.44	7,329.00	6,776.00	36.69	59.13	74.88	-1,268.88	4,137.20	2,484.82	2,397.80	87.02	28.555		
8,600.00	7,290.22	7,329.00	6,776.00	38.09	59.13	74.88	-1,268.88	4,137.20	2,423.36	2,335.62	87.74	27.621		
8,700.00	7,290.00	7,341.46	6,785.58	39.51	59.29	75.13	-1,265.94	4,144.59	2,364.48	2,275.74	88.74	26.645		
8,800.00	7,289.78	7,390.84	6,822.35	40.96	59.91	76.10	-1,253.36	4,175.05	2,307.52	2,216.90	90.61	25.466		
8,900.00	7,289.55	7,423.00	6,845.22	42.42	60.31	76.71	-1,244.39	4,195.81	2,252.21	2,160.10	92.11	24.451		
9,000.00	7,289.33	7,453.82	6,866.11	43.89	60.75	77.27	-1,235.50	4,216.65	2,199.14	2,105.47	93.67	23.478		
9,100.00	7,289.11	7,478.02	6,881.65	45.38	61.10	77.69	-1,228.54	4,233.84	2,148.70	2,053.65	95.05	22.605		
9,200.00	7,288.88	7,518.00	6,905.59	46.88	61.69	78.34	-1,217.09	4,263.73	2,101.07	2,004.21	96.86	21.692		
9,300.00	7,288.66	7,540.31	6,918.10	48.39	62.04	78.68	-1,210.72	4,281.07	2,055.87	1,957.66	98.21	20.933		
9,400.00	7,288.44	7,586.47	6,942.56	49.91	62.79	79.35	-1,197.42	4,317.88	2,013.08	1,912.80	100.28	20.075		
9,500.00	7,288.21	7,612.00	6,955.24	51.44	63.20	79.71	-1,190.02	4,338.77	1,972.70	1,871.03	101.67	19.402		
9,600.00	7,287.99	7,655.78	6,976.06	52.98	63.93	80.29	-1,178.00	4,375.35	1,934.98	1,831.31	103.67	18.665		
9,700.00	7,287.77	7,707.00	6,999.34	54.53	64.78	80.97	-1,165.74	4,419.29	1,900.87	1,794.97	105.90	17.950		
9,800.00	7,287.54	7,707.00	6,999.34	56.09	64.78	80.97	-1,165.74	4,419.29	1,869.53	1,763.27	106.26	17.594		
9,900.00	7,287.32	7,707.00	6,999.34	57.65	64.78	80.97	-1,165.74	4,419.29	1,843.08	1,736.65	106.44	17.316		
10,000.00	7,287.10	7,747.96	7,015.48	59.21	65.43	81.44	-1,158.07	4,456.11	1,819.44	1,711.31	108.13	16.826		
10,100.00	7,286.87	7,801.00	7,030.10	60.79	66.30	81.89	-1,152.25	4,506.70	1,802.45	1,692.20	110.25	16.349		
10,200.00	7,286.65	7,801.00	7,030.10	62.36	66.30	81.89	-1,152.25	4,506.70	1,786.94	1,676.93	110.01	16.243		
10,300.00	7,286.43	7,801.00	7,030.10	63.95	66.30	81.89	-1,152.25	4,506.70	1,776.94	1,667.38	109.56	16.219		
10,400.00	7,286.20	7,868.16	7,042.23	65.53	67.34	82.27	-1,148.74	4,572.65	1,770.15	1,657.97	112.18	15.779		
10,500.00	7,285.98	7,921.49	7,049.39	67.12	68.20	82.50	-1,147.17	4,625.46	1,766.16	1,652.09	114.07	15.483		
10,600.00	7,285.76	7,975.32	7,054.40	68.72	69.09	82.66	-1,146.69	4,679.06	1,764.82	1,648.89	115.93	15.223		
10,601.38	7,285.75	7,976.07	7,054.45	68.74	69.11	82.67	-1,146.69	4,679.80	1,764.82	1,648.86	115.95	15.220 CC		
10,700.00	7,285.53	8,065.59	7,060.02	70.32	70.61	82.86	-1,147.13	4,769.16	1,765.25	1,645.57	119.68	14.750		
10,800.00	7,285.31	8,160.58	7,065.13	71.92	72.31	83.03	-1,147.68	4,864.00	1,765.90	1,642.16	123.74	14.271		
10,900.00	7,285.09	8,244.77	7,068.92	73.52	73.88	83.17	-1,148.54	4,948.10	1,767.14	1,639.85	127.29	13.883		
11,000.00	7,284.86	8,338.20	7,072.41	75.13	75.70	83.29	-1,150.13	5,041.45	1,769.13	1,637.75	131.38	13.466		
11,100.00	7,284.64	8,433.39	7,074.95	76.74	77.65	83.39	-1,151.82	5,136.60	1,771.34	1,635.73	135.62	13.062		
11,200.00	7,284.42	8,531.94	7,076.71	78.35	79.76	83.47	-1,153.70	5,235.11	1,773.78	1,633.69	140.08	12.662		
11,300.00	7,284.19	8,620.20	7,078.16	79.97	81.71	83.53	-1,155.60	5,323.34	1,776.49	1,632.48	144.01	12.336		
11,400.00	7,283.97	8,707.82	7,079.43	81.59	83.71	83.59	-1,158.14	5,410.91	1,779.97	1,632.04	147.93	12.033		
11,500.00	7,283.75	8,805.01	7,080.83	83.21	85.98	83.65	-1,161.45	5,508.04	1,783.94	1,631.50	152.44	11.703		
11,600.00	7,283.52	8,894.56	7,081.60	84.83	88.14	83.70	-1,164.57	5,597.53	1,788.08	1,631.56	156.52	11.424		
11,700.00	7,283.30	8,981.19	7,081.67	86.45	90.28	83.72	-1,168.23	5,684.07	1,793.01	1,632.58	160.44	11.176		
11,800.00	7,283.08	9,070.48	7,081.63	88.08	92.53	83.74	-1,172.57	5,773.26	1,798.60	1,634.06	164.53	10.931		
11,900.00	7,282.86	9,187.55	7,081.27	89.71	95.55	83.76	-1,178.39	5,890.19	1,804.39	1,634.04	170.35	10.592		
12,000.00	7,282.63	9,338.35	7,080.75	91.33	99.60	83.77	-1,182.10	6,040.93	1,807.50	1,629.30	178.19	10.144		
12,100.00	7,282.41	9,428.85	7,080.52	92.97	102.10	83.78	-1,183.47	6,131.42	1,809.78	1,627.33	182.45	9.919		
12,200.00	7,282.19	9,512.47	7,079.86	94.60	104.44	83.77	-1,185.38	6,215.01	1,812.89	1,626.59	186.30	9.731		
12,300.00	7,281.96	9,603.78	7,078.41	96.23	107.02	83.75	-1,187.96	6,306.28	1,816.63	1,626.02	190.61	9.530		
12,400.00	7,281.74	9,689.93	7,076.85	97.86	109.48	83.72	-1,190.93	6,392.36	1,821.01	1,626.39	194.61	9.357		
12,500.00	7,281.52	9,787.59	7,075.05	99.50	112.30	83.68	-1,194.76	6,489.93	1,825.85	1,626.52	199.33	9.160		
12,600.00	7,281.29	9,951.12	7,071.91	101.14	117.10	83.61	-1,198.83	6,653.37	1,829.48	1,621.46	208.02	8.795		
12,700.00	7,281.07	10,087.31	7,069.35	102.78	121.21	83.54	-1,197.69	6,789.53	1,829.52	1,614.56	214.96	8.511		
12,800.00	7,280.85	10,184.83	7,068.91	104.41	124.18	83.54	-1,196.39	6,887.04	1,829.00	1,609.28	219.72	8.324		
12,900.00	7,280.62	10,278.88	7,068.95	106.05	127.08	83.54	-1,195.37	6,981.09	1,828.67	1,604.37	224.30	8.153		
12,917.81	7,280.58	10,294.52	7,068.94	106.35	127.56	83.54	-1,195.24	6,996.72	1,828.66	1,603.61	225.06	8.125		
13,000.00	7,280.40	10,366.87	7,068.85	107.70	129.80	83.55	-1,194.88	7,069.08	1,828.89	1,600.34	228.54	8.002		
13,100.00	7,280.18	10,456.56	7,068.89	109.34	132.58	83.56	-1,194.97	7,158.76	1,829.73	1,596.85	232.88	7.857		
13,200.00	7,279.95	10,549.56	7,068.75	110.98	135.47	83.56	-1,195.40	7,251.76	1,830.96	1,593.55	237.41	7.712		
13,300.00	7,279.73	10,628.44	7,068.47	112.62	137.94	83.57	-1,196.41	7,330.63	1,833.02	1,591.92	241.10	7.603		
13,400.00	7,279.51	10,709.15	7,068.19	114.27	140.46	83.57	-1,198.33	7,411.32	1,836.18	1,591.31	244.88	7.498		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys													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		
13,500.00	7,279.28	10,797.77	7,067.88	115.91	143.23	83.58	-1,201.23	7,499.89	1,840.22	1,591.08	249.14	7.386		
13,600.00	7,279.06	10,937.65	7,067.64	117.56	147.64	83.60	-1,205.13	7,639.71	1,843.89	1,587.32	256.57	7.187		
13,700.00	7,278.84	11,129.88	7,067.39	119.21	153.80	83.60	-1,202.11	7,831.89	1,842.71	1,575.94	266.77	6.907		
13,800.00	7,278.61	11,210.10	7,067.21	120.85	156.39	83.59	-1,199.58	7,912.08	1,840.35	1,569.69	270.66	6.799		
13,900.00	7,278.39	11,285.38	7,067.22	122.50	158.82	83.60	-1,198.15	7,987.34	1,839.23	1,564.97	274.26	6.706		
13,994.10	7,278.18	11,371.09	7,067.25	124.05	161.59	83.60	-1,197.35	8,073.04	1,839.05	1,560.58	278.47	6.604		
14,000.00	7,278.17	11,376.57	7,067.25	124.15	161.77	83.60	-1,197.31	8,078.52	1,839.05	1,560.31	278.74	6.598		
14,100.00	7,277.94	11,469.85	7,067.02	125.80	164.80	83.60	-1,196.77	8,171.80	1,839.26	1,555.92	283.35	6.491		
14,200.00	7,277.72	11,559.14	7,066.82	127.45	167.70	83.60	-1,196.67	8,261.09	1,839.93	1,552.22	287.71	6.395		
14,300.00	7,277.50	11,669.31	7,066.74	129.10	171.28	83.61	-1,196.71	8,371.26	1,840.73	1,547.43	293.31	6.276		
14,400.00	7,277.27	11,793.79	7,066.76	130.75	175.34	83.62	-1,195.43	8,495.73	1,840.45	1,540.75	299.70	6.141		
14,500.00	7,277.05	11,888.86	7,066.57	132.40	178.45	83.62	-1,193.58	8,590.79	1,839.32	1,534.90	304.42	6.042		
14,534.18	7,276.98	11,911.21	7,066.52	132.97	179.18	83.62	-1,193.33	8,613.13	1,839.21	1,533.75	305.45	6.021		
14,600.00	7,276.83	11,955.00	7,066.49	134.06	180.62	83.62	-1,193.28	8,656.92	1,839.61	1,532.16	307.46	5.983		
14,700.00	7,276.60	12,011.55	7,066.43	135.71	182.46	83.63	-1,194.21	8,713.47	1,842.01	1,532.21	309.80	5.946		
14,800.00	7,276.38	12,074.51	7,066.24	137.36	184.52	83.64	-1,196.71	8,776.38	1,846.67	1,534.25	312.42	5.911		
14,900.00	7,276.16	12,150.55	7,066.06	139.02	186.99	83.65	-1,200.88	8,852.29	1,852.90	1,537.07	315.83	5.867		
15,000.00	7,275.94	12,250.64	7,065.69	140.67	190.25	83.67	-1,207.07	8,952.20	1,859.84	1,538.95	320.88	5.796		
15,100.00	7,275.71	12,396.46	7,065.30	142.32	195.01	83.70	-1,214.02	9,097.85	1,865.32	1,536.35	328.97	5.670		
15,200.00	7,275.49	12,542.41	7,065.27	143.98	199.82	83.72	-1,217.47	9,243.75	1,868.42	1,531.55	336.87	5.546		
15,300.00	7,275.27	12,653.39	7,065.18	145.63	203.49	83.73	-1,218.19	9,354.73	1,869.81	1,527.25	342.56	5.458		
15,400.00	7,275.04	12,740.40	7,065.02	147.29	206.38	83.74	-1,218.90	9,441.73	1,871.40	1,524.59	346.81	5.396		
15,500.00	7,274.82	12,822.05	7,064.78	148.95	209.08	83.74	-1,220.33	9,523.37	1,873.92	1,523.19	350.72	5.343		
15,600.00	7,274.60	12,910.84	7,064.47	150.60	212.03	83.75	-1,222.57	9,612.13	1,877.21	1,522.15	355.06	5.287		
15,700.00	7,274.37	13,005.30	7,064.14	152.26	215.16	83.76	-1,225.30	9,706.55	1,880.88	1,521.13	359.75	5.228		
15,800.00	7,274.15	13,083.64	7,063.87	153.92	217.76	83.77	-1,228.17	9,784.84	1,885.32	1,521.92	363.40	5.188		
15,900.00	7,273.93	13,219.75	7,063.53	155.57	222.28	83.78	-1,232.72	9,920.87	1,889.45	1,518.69	370.76	5.096		
16,000.00	7,273.70	13,348.80	7,063.35	157.23	226.59	83.80	-1,234.71	10,049.90	1,891.74	1,514.17	377.57	5.010		
16,100.00	7,273.48	13,501.93	7,063.07	158.89	231.71	83.80	-1,233.79	10,203.02	1,891.93	1,506.34	385.59	4.907		
16,200.00	7,273.26	13,606.27	7,062.72	160.55	235.21	83.79	-1,231.12	10,307.33	1,890.15	1,499.31	390.85	4.836		
16,300.00	7,273.03	13,683.96	7,062.55	162.20	237.82	83.79	-1,229.83	10,385.01	1,889.28	1,494.62	394.66	4.787		
16,329.07	7,272.97	13,707.31	7,062.50	162.69	238.60	83.79	-1,229.61	10,408.35	1,889.24	1,493.43	395.81	4.773		
16,400.00	7,272.81	13,764.92	7,062.32	163.86	240.54	83.79	-1,229.37	10,465.96	1,889.50	1,490.87	398.62	4.740		
16,500.00	7,272.59	13,850.46	7,062.10	165.52	243.41	83.79	-1,229.64	10,551.51	1,890.59	1,487.76	402.82	4.693		
16,600.00	7,272.36	13,940.35	7,061.79	167.18	246.43	83.79	-1,230.49	10,641.39	1,892.32	1,485.06	407.27	4.646		
16,700.00	7,272.14	14,049.90	7,061.42	168.84	250.11	83.79	-1,231.69	10,750.93	1,894.22	1,481.33	412.89	4.588		
16,800.00	7,271.92	14,231.93	7,060.85	170.50	256.23	83.78	-1,229.05	10,932.92	1,893.57	1,471.18	422.39	4.483		
16,900.00	7,271.69	14,333.20	7,060.50	172.16	259.65	83.77	-1,225.30	11,034.13	1,890.68	1,463.21	427.47	4.423		
17,000.00	7,271.47	14,415.00	7,060.21	173.82	262.41	83.76	-1,222.64	11,115.88	1,888.24	1,456.66	431.58	4.375		
17,100.00	7,271.25	14,488.27	7,059.96	175.48	264.88	83.75	-1,221.12	11,189.13	1,886.99	1,451.80	435.18	4.336		
17,200.00	7,271.02	14,580.03	7,059.63	177.14	267.98	83.75	-1,220.26	11,280.89	1,886.83	1,447.07	439.77	4.291		
17,233.37	7,270.95	14,613.40	7,059.52	177.70	269.11	83.75	-1,219.97	11,314.26	1,886.81	1,445.35	441.45	4.274		
17,300.00	7,270.80	14,665.63	7,059.41	178.80	270.87	83.75	-1,219.75	11,366.48	1,887.04	1,443.04	443.99	4.250		
17,400.00	7,270.58	14,748.93	7,059.36	180.46	273.68	83.76	-1,220.08	11,449.79	1,888.18	1,440.11	448.07	4.214		
17,500.00	7,270.35	14,866.39	7,059.18	182.12	277.65	83.77	-1,220.91	11,567.25	1,889.72	1,435.57	454.15	4.161		
17,600.00	7,270.13	15,032.58	7,058.85	183.79	283.26	83.76	-1,217.76	11,733.40	1,888.62	1,425.88	462.73	4.081		
17,700.00	7,269.91	15,149.01	7,057.09	185.45	287.20	83.70	-1,212.48	11,849.69	1,884.98	1,416.48	468.50	4.023		
17,800.00	7,269.68	15,260.98	7,054.95	187.11	290.99	83.63	-1,206.90	11,961.48	1,881.00	1,406.98	474.02	3.968		
17,900.00	7,269.46	15,334.27	7,053.58	188.77	293.47	83.58	-1,203.43	12,034.69	1,877.27	1,399.52	477.75	3.929		
18,000.00	7,269.24	15,473.29	7,051.26	190.43	298.18	83.50	-1,196.93	12,173.54	1,873.69	1,389.16	484.52	3.867		
18,100.00	7,269.02	15,550.00	7,049.81	192.10	300.78	83.45	-1,192.48	12,250.10	1,868.97	1,380.53	488.44	3.826		
18,200.00	7,268.79	15,603.97	7,048.74	193.76	302.61	83.41	-1,190.34	12,304.02	1,866.19	1,375.05	491.14	3.800		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Offset Design	5N-66W-08 Offsets Need HZ - TC MOISER HILL 2-9-11 - XOG PR Well - Actual Total Surveys	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	
Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	
18,206.76	7,268.78	15,607.16	7,048.68
193.87	302.72	83.41	
-1,190.27	12,307.21	1,866.11	1,374.82
491.29	3.798 ES, SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr													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		
9,000.00	7,289.33	7,400.00	6,915.60	43.89	58.75	80.67	-1,561.64	4,230.75	2,473.97	2,380.64	93.33	26.507		
9,100.00	7,289.11	7,400.00	6,915.60	45.38	58.75	80.67	-1,561.64	4,230.75	2,429.13	2,334.96	94.17	25.795		
9,200.00	7,288.88	7,439.91	6,942.46	46.88	59.31	81.33	-1,551.93	4,258.61	2,386.46	2,290.46	96.00	24.859		
9,300.00	7,288.66	7,461.12	6,955.97	48.39	59.61	81.66	-1,547.05	4,274.21	2,346.95	2,249.62	97.33	24.112		
9,400.00	7,288.44	7,500.00	6,979.31	49.91	60.16	82.25	-1,538.64	4,304.14	2,310.58	2,211.47	99.11	23.312		
9,500.00	7,288.21	7,500.00	6,979.31	51.44	60.16	82.25	-1,538.64	4,304.14	2,276.89	2,177.09	99.80	22.814		
9,600.00	7,287.99	7,534.02	6,998.12	52.98	60.67	82.72	-1,531.88	4,331.66	2,246.35	2,144.89	101.46	22.139		
9,700.00	7,287.77	7,561.65	7,012.25	54.53	61.09	83.08	-1,526.81	4,354.85	2,218.95	2,116.07	102.88	21.567		
9,800.00	7,287.54	7,600.00	7,030.09	56.09	61.68	83.54	-1,520.42	4,388.19	2,194.71	2,090.11	104.60	20.982		
9,900.00	7,287.32	7,600.00	7,030.09	57.65	61.68	83.54	-1,520.42	4,388.19	2,173.80	2,068.82	104.98	20.707		
10,000.00	7,287.10	7,654.90	7,051.91	59.21	62.56	84.10	-1,512.66	4,437.94	2,155.39	2,048.13	107.26	20.095		
10,100.00	7,286.87	7,700.00	7,066.42	60.79	63.29	84.48	-1,507.53	4,480.32	2,140.45	2,031.31	109.14	19.612		
10,200.00	7,286.65	7,700.00	7,066.42	62.36	63.29	84.48	-1,507.53	4,480.32	2,128.78	2,019.55	109.23	19.488		
10,300.00	7,286.43	7,762.23	7,081.21	63.95	64.31	84.87	-1,502.37	4,540.51	2,119.39	2,007.64	111.76	18.964		
10,400.00	7,286.20	7,800.00	7,087.17	65.53	64.95	85.03	-1,500.35	4,577.75	2,113.35	2,000.14	113.21	18.667		
10,500.00	7,285.98	7,839.08	7,090.90	67.12	65.59	85.13	-1,499.15	4,616.63	2,110.23	1,995.54	114.69	18.400		
10,541.87	7,285.89	7,855.44	7,091.72	67.79	65.87	85.16	-1,498.92	4,632.96	2,109.78	1,994.50	115.28	18.302 CC		
10,600.00	7,285.76	7,878.79	7,092.13	68.72	66.27	85.17	-1,498.86	4,656.31	2,110.00	1,993.89	116.10	18.174		
10,700.00	7,285.53	7,978.78	7,092.13	70.32	67.99	85.18	-1,499.29	4,756.30	2,111.18	1,990.95	120.23	17.559		
10,800.00	7,285.31	8,078.78	7,092.13	71.92	69.82	85.19	-1,499.71	4,856.29	2,112.36	1,987.91	124.46	16.972		
10,900.00	7,285.09	8,178.77	7,092.13	73.52	71.76	85.20	-1,500.14	4,956.28	2,113.55	1,984.77	128.78	16.413		
11,000.00	7,284.86	8,278.76	7,092.13	75.13	73.80	85.20	-1,500.56	5,056.27	2,114.73	1,981.56	133.17	15.880		
11,100.00	7,284.64	8,378.75	7,092.13	76.74	75.95	85.21	-1,500.99	5,156.27	2,115.92	1,978.28	137.64	15.373		
11,200.00	7,284.42	8,478.75	7,092.13	78.35	78.18	85.22	-1,501.41	5,256.26	2,117.10	1,974.94	142.16	14.892		
11,300.00	7,284.19	8,578.74	7,092.13	79.97	80.50	85.23	-1,501.83	5,356.25	2,118.28	1,971.54	146.74	14.436		
11,400.00	7,283.97	8,678.73	7,092.13	81.59	82.90	85.24	-1,502.26	5,456.24	2,119.47	1,968.11	151.36	14.003		
11,500.00	7,283.75	8,778.72	7,092.13	83.21	85.38	85.25	-1,502.68	5,556.23	2,120.65	1,964.63	156.02	13.592		
11,600.00	7,283.52	8,878.72	7,092.13	84.83	87.93	85.26	-1,503.11	5,656.22	2,121.84	1,961.12	160.72	13.202		
11,700.00	7,283.30	8,978.71	7,092.13	86.45	90.54	85.27	-1,503.53	5,756.22	2,123.02	1,957.57	165.45	12.832		
11,800.00	7,283.08	9,078.70	7,092.13	88.08	93.21	85.27	-1,503.95	5,856.21	2,124.21	1,954.00	170.20	12.480		
11,900.00	7,282.86	9,178.69	7,092.13	89.71	95.94	85.28	-1,504.38	5,956.20	2,125.39	1,950.41	174.98	12.146		
12,000.00	7,282.63	9,278.69	7,092.13	91.33	98.71	85.29	-1,504.80	6,056.19	2,126.57	1,946.79	179.79	11.828		
12,100.00	7,282.41	9,378.68	7,092.13	92.97	101.53	85.30	-1,505.23	6,156.18	2,127.76	1,943.15	184.61	11.526		
12,200.00	7,282.19	9,478.67	7,092.13	94.60	104.39	85.31	-1,505.65	6,256.17	2,128.94	1,939.49	189.45	11.237		
12,300.00	7,281.96	9,578.66	7,092.13	96.23	107.29	85.32	-1,506.07	6,356.17	2,130.13	1,935.82	194.31	10.963		
12,400.00	7,281.74	9,678.66	7,092.13	97.86	110.23	85.33	-1,506.50	6,456.16	2,131.31	1,932.13	199.18	10.700		
12,500.00	7,281.52	9,778.65	7,092.13	99.50	113.19	85.33	-1,506.92	6,556.15	2,132.50	1,928.43	204.07	10.450		
12,600.00	7,281.29	9,878.64	7,092.13	101.14	116.19	85.34	-1,507.35	6,656.14	2,133.68	1,924.72	208.96	10.211		
12,700.00	7,281.07	9,978.63	7,092.13	102.78	119.21	85.35	-1,507.77	6,756.13	2,134.87	1,920.99	213.87	9.982		
12,800.00	7,280.85	10,078.63	7,092.13	104.41	122.26	85.36	-1,508.19	6,856.12	2,136.05	1,917.26	218.79	9.763		
12,900.00	7,280.62	10,178.62	7,092.13	106.05	125.33	85.37	-1,508.62	6,956.11	2,137.24	1,913.51	223.72	9.553		
13,000.00	7,280.40	10,278.61	7,092.13	107.70	128.42	85.38	-1,509.04	7,056.11	2,138.42	1,909.76	228.66	9.352		
13,100.00	7,280.18	10,378.60	7,092.13	109.34	131.53	85.39	-1,509.47	7,156.10	2,139.61	1,906.00	233.61	9.159		
13,200.00	7,279.95	10,478.60	7,092.13	110.98	134.66	85.39	-1,509.89	7,256.09	2,140.79	1,902.23	238.56	8.974		
13,300.00	7,279.73	10,578.59	7,092.13	112.62	137.80	85.40	-1,510.32	7,356.08	2,141.98	1,898.45	243.52	8.796		
13,400.00	7,279.51	10,678.58	7,092.13	114.27	140.96	85.41	-1,510.74	7,456.07	2,143.16	1,894.67	248.49	8.625		
13,500.00	7,279.28	10,778.57	7,092.13	115.91	144.14	85.42	-1,511.16	7,556.06	2,144.35	1,890.88	253.47	8.460		
13,600.00	7,279.06	10,878.57	7,092.13	117.56	147.33	85.43	-1,511.59	7,656.06	2,145.53	1,887.09	258.45	8.302		
13,700.00	7,278.84	10,978.56	7,092.13	119.21	150.53	85.44	-1,512.01	7,756.05	2,146.72	1,883.29	263.43	8.149		
13,800.00	7,278.61	11,078.55	7,092.13	120.85	153.74	85.45	-1,512.44	7,856.04	2,147.90	1,879.48	268.42	8.002		
13,900.00	7,278.39	11,178.54	7,092.13	122.50	156.96	85.45	-1,512.86	7,956.03	2,149.09	1,875.67	273.42	7.860		
14,000.00	7,278.17	11,278.54	7,092.13	124.15	160.20	85.46	-1,513.28	8,056.02	2,150.28	1,871.86	278.42	7.723		

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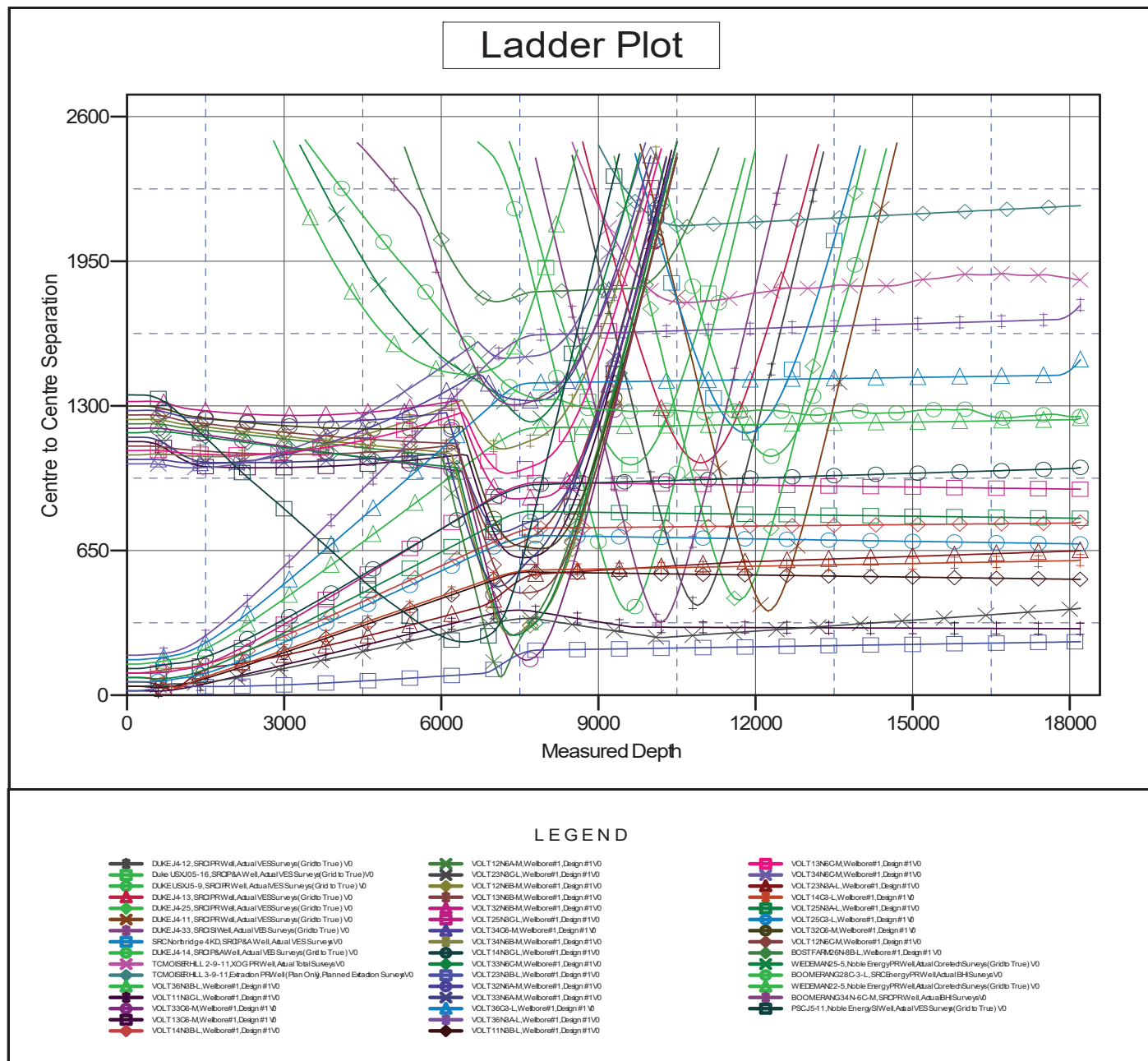
## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well VOLT 11C-3-L
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Reference Site:</b>	5N-66W-05 VOLT 19-5 PAD	<b>MD Reference:</b>	RKB = 4' @ 4819.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	VOLT 11C-3-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-08 Offsets Need HZ - TC MOISER HILL 3-9-11 - Extraction PR Well (Plan Only) - Planned Extr		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			
14,100.00	7,277.94	11,378.53	7,092.13	125.80	163.44	85.47	-1,513.71	8,156.01	2,151.46	1,868.04	283.42	7.591			
14,200.00	7,277.72	11,478.52	7,092.13	127.45	166.69	85.48	-1,514.13	8,256.01	2,152.65	1,864.22	288.43	7.463			
14,300.00	7,277.50	11,578.51	7,092.13	129.10	169.95	85.49	-1,514.56	8,356.00	2,153.83	1,860.39	293.44	7.340			
14,400.00	7,277.27	11,678.51	7,092.13	130.75	173.22	85.50	-1,514.98	8,455.99	2,155.02	1,856.57	298.45	7.221			
14,500.00	7,277.05	11,778.50	7,092.13	132.40	176.49	85.50	-1,515.40	8,555.98	2,156.20	1,852.73	303.47	7.105			
14,600.00	7,276.83	11,878.49	7,092.13	134.06	179.77	85.51	-1,515.83	8,655.97	2,157.39	1,848.90	308.49	6.993			
14,700.00	7,276.60	11,978.48	7,092.13	135.71	183.06	85.52	-1,516.25	8,755.96	2,158.58	1,845.06	313.52	6.885			
14,800.00	7,276.38	12,078.48	7,092.13	137.36	186.35	85.53	-1,516.68	8,855.95	2,159.76	1,841.22	318.54	6.780			
14,900.00	7,276.16	12,178.47	7,092.13	139.02	189.65	85.54	-1,517.10	8,955.95	2,160.95	1,837.37	323.57	6.678			
15,000.00	7,275.94	12,278.46	7,092.13	140.67	192.96	85.55	-1,517.52	9,055.94	2,162.13	1,833.53	328.60	6.580			
15,100.00	7,275.71	12,378.45	7,092.13	142.32	196.27	85.56	-1,517.95	9,155.93	2,163.32	1,829.68	333.64	6.484			
15,200.00	7,275.49	12,478.45	7,092.13	143.98	199.58	85.56	-1,518.37	9,255.92	2,164.51	1,825.83	338.68	6.391			
15,300.00	7,275.27	12,578.44	7,092.13	145.63	202.90	85.57	-1,518.80	9,355.91	2,165.69	1,821.98	343.72	6.301			
15,400.00	7,275.04	12,678.43	7,092.13	147.29	206.23	85.58	-1,519.22	9,455.90	2,166.88	1,818.12	348.76	6.213			
15,500.00	7,274.82	12,778.42	7,092.13	148.95	209.55	85.59	-1,519.64	9,555.90	2,168.06	1,814.26	353.80	6.128			
15,600.00	7,274.60	12,878.41	7,092.13	150.60	212.89	85.60	-1,520.07	9,655.89	2,169.25	1,810.41	358.84	6.045			
15,700.00	7,274.37	12,978.41	7,092.13	152.26	216.22	85.61	-1,520.49	9,755.88	2,170.44	1,806.55	363.89	5.965			
15,800.00	7,274.15	13,078.40	7,092.13	153.92	219.56	85.61	-1,520.92	9,855.87	2,171.62	1,802.68	368.94	5.886			
15,900.00	7,273.93	13,178.39	7,092.13	155.57	222.90	85.62	-1,521.34	9,955.86	2,172.81	1,798.82	373.99	5.810			
16,000.00	7,273.70	13,278.38	7,092.13	157.23	226.25	85.63	-1,521.77	10,055.85	2,174.00	1,794.95	379.04	5.735			
16,100.00	7,273.48	13,378.38	7,092.13	158.89	229.60	85.64	-1,522.19	10,155.84	2,175.18	1,791.09	384.10	5.663			
16,200.00	7,273.26	13,478.37	7,092.13	160.55	232.95	85.65	-1,522.61	10,255.84	2,176.37	1,787.22	389.15	5.593			
16,300.00	7,273.03	13,578.36	7,092.13	162.20	236.30	85.66	-1,523.04	10,355.83	2,177.56	1,783.35	394.21	5.524			
16,400.00	7,272.81	13,678.35	7,092.13	163.86	239.66	85.66	-1,523.46	10,455.82	2,178.74	1,779.48	399.27	5.457			
16,500.00	7,272.59	13,778.35	7,092.13	165.52	243.02	85.67	-1,523.89	10,555.81	2,179.93	1,775.60	404.32	5.392			
16,600.00	7,272.36	13,878.34	7,092.13	167.18	246.38	85.68	-1,524.31	10,655.80	2,181.12	1,771.73	409.38	5.328			
16,700.00	7,272.14	13,978.33	7,092.13	168.84	249.75	85.69	-1,524.73	10,755.79	2,182.30	1,767.86	414.45	5.266			
16,800.00	7,271.92	14,078.32	7,092.13	170.50	253.11	85.70	-1,525.16	10,855.79	2,183.49	1,763.98	419.51	5.205			
16,900.00	7,271.69	14,178.32	7,092.13	172.16	256.48	85.70	-1,525.58	10,955.78	2,184.68	1,760.10	424.57	5.146			
17,000.00	7,271.47	14,278.31	7,092.13	173.82	259.85	85.71	-1,526.01	11,055.77	2,185.86	1,756.22	429.64	5.088			
17,100.00	7,271.25	14,378.30	7,092.13	175.48	263.23	85.72	-1,526.43	11,155.76	2,187.05	1,752.35	434.70	5.031			
17,200.00	7,271.02	14,478.29	7,092.13	177.14	266.60	85.73	-1,526.85	11,255.75	2,188.24	1,748.47	439.77	4.976			
17,300.00	7,270.80	14,578.29	7,092.13	178.80	269.98	85.74	-1,527.28	11,355.74	2,189.42	1,744.58	444.84	4.922			
17,400.00	7,270.58	14,678.28	7,092.13	180.46	273.36	85.75	-1,527.70	11,455.74	2,190.61	1,740.70	449.91	4.869			
17,500.00	7,270.35	14,778.27	7,092.13	182.12	276.74	85.75	-1,528.13	11,555.73	2,191.80	1,736.82	454.98	4.817			
17,600.00	7,270.13	14,878.26	7,092.13	183.79	280.12	85.76	-1,528.55	11,655.72	2,192.98	1,732.94	460.05	4.767			
17,700.00	7,269.91	14,978.26	7,092.13	185.45	283.50	85.77	-1,528.97	11,755.71	2,194.17	1,729.05	465.12	4.717			
17,800.00	7,269.68	15,078.25	7,092.13	187.11	286.88	85.78	-1,529.40	11,855.70	2,195.36	1,725.17	470.19	4.669			
17,900.00	7,269.46	15,178.24	7,092.13	188.77	290.27	85.79	-1,529.82	11,955.69	2,196.55	1,721.28	475.27	4.622			
18,000.00	7,269.24	15,278.23	7,092.13	190.43	293.66	85.79	-1,530.25	12,055.68	2,197.73	1,717.39	480.34	4.575			
18,100.00	7,269.02	15,378.23	7,092.13	192.10	297.05	85.80	-1,530.67	12,155.68	2,198.92	1,713.50	485.42	4.530			
18,200.00	7,268.79	15,478.22	7,092.13	193.76	300.44	85.81	-1,531.10	12,255.67	2,200.11	1,709.62	490.49	4.486			
18,206.76	7,268.78	15,484.98	7,092.13	193.87	300.67	85.81	-1,531.12	12,262.43	2,200.19	1,709.35	490.84	4.483 ES, SF			

## Anticollision Report

Reference Depths are relative to RKB = 4' @ 4819.00usft (IKON 12)	Coordinates are relative to: VOLT 11C-3-L
Offset Depths are relative to Offset Datum	Coordinate System is US State Plane 1983, Colorado Northern Zone
Central Meridian is -105.500000	Grid Convergence at Surface is: 0.45°



# Hewlett-Packard

## Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well VOLT 11C-3-L
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Reference Site:	5N-66W-05 VOLT 19-5 PAD	MD Reference:	RKB = 4' @ 4819.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	VOLT 11C-3-L	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4819.00usft (IKON 12)

Offset Depths are relative to Offset Datum

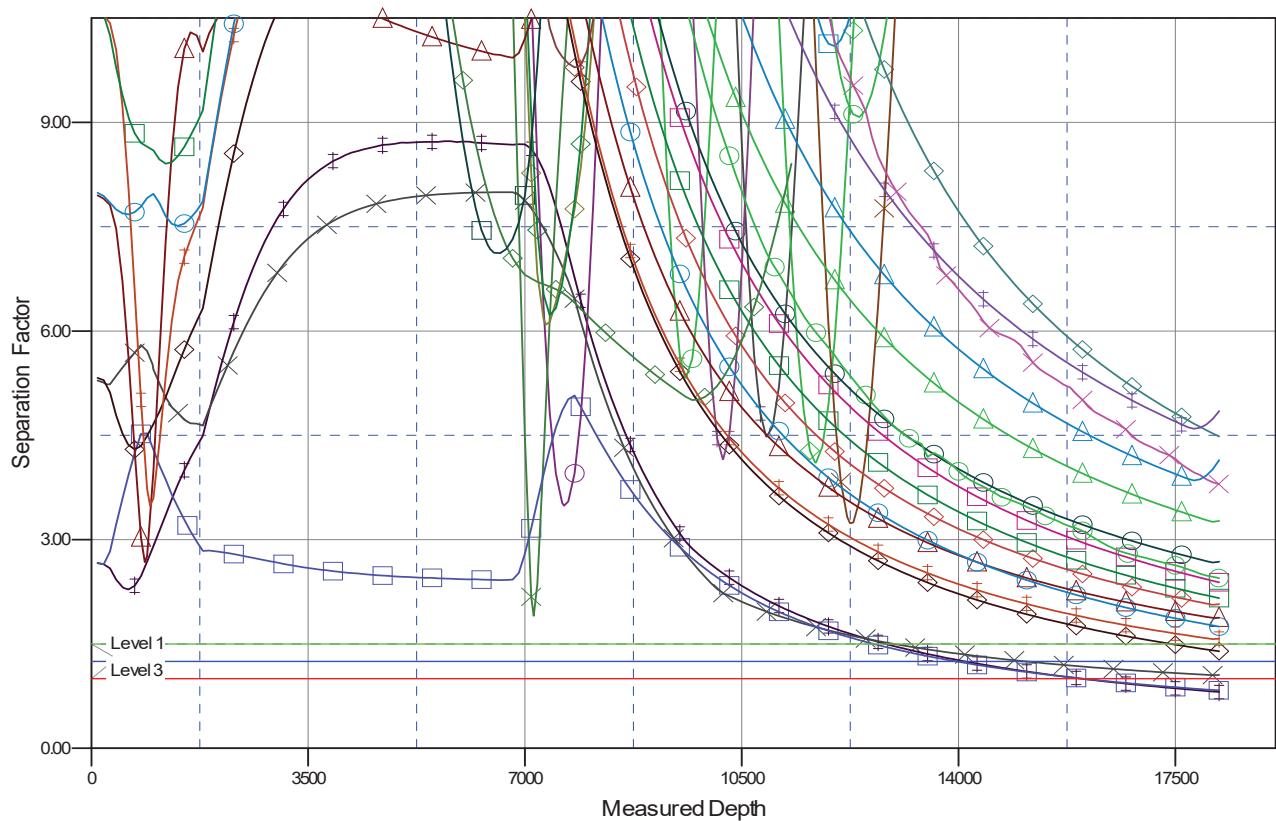
Central Meridian is -105.500000

Coordinates are relative to: VOLT 11C-3-L

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.45°

## Separation Factor Plot



### LEGEND

DUKE J4-12, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12N6AM, Wellbore#1, Design#1 V0	VOLT 13N6AM, Wellbore#1, Design#1 V0
Duke USX05-16, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12N6CL, Wellbore#1, Design#1 V0	VOLT 13N6AM, Wellbore#1, Design#1 V0
DUKE USX05-9, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12N6BM, Wellbore#1, Design#1 V0	VOLT 13N6AL, Wellbore#1, Design#1 V0
DUKE J4-13, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12N6BM, Wellbore#1, Design#1 V0	VOLT 14C3-L, Wellbore#1, Design#1 V0
DUKE J4-25, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12N6BM, Wellbore#1, Design#1 V0	VOLT 12N6AL, Wellbore#1, Design#1 V0
DUKE J4-11, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12N6CL, Wellbore#1, Design#1 V0	VOLT 25C3-L, Wellbore#1, Design#1 V0
DUKE J4-33, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 12N6CL, Wellbore#1, Design#1 V0	VOLT 32C3-L, Wellbore#1, Design#1 V0
SRC Northridge 4KD, SRQPRWell, Actual VES Surveys V0	VOLT 14N6CL, Wellbore#1, Design#1 V0	VOLT 12N6AM, Wellbore#1, Design#1 V0
DUKE J4-14, SRQPRWell, Actual VES Surveys (Grid to True) V0	VOLT 13N6CL, Wellbore#1, Design#1 V0	BOSTFARM26N-BB-L, Wellbore#1, Design#1 V0
TOMOSERHILL 2-9-11, XOGPRWell, Actual Total Surveys V0	VOLT 13N6CL, Wellbore#1, Design#1 V0	WEEDEMAN25-5, Noble Energy PRWell, Actual Coretech Surveys (Grid to True) V0
TOMOSERHILL 3-9-11, Etadon PRWell (Plan Only, Planned Etadon Survey) V0	VOLT 13N6AM, Wellbore#1, Design#1 V0	BOOMERANG28C3-L, SRC Energy PRWell, Actual BH Surveys V0
VOLT 36NBL, Wellbore#1, Design#1 V0	VOLT 13N6AM, Wellbore#1, Design#1 V0	WEEDEMAN22-5, Noble Energy PRWell, Actual Coretech Surveys (Grid to True) V0
VOLT 11NCL, Wellbore#1, Design#1 V0	VOLT 13N6AM, Wellbore#1, Design#1 V0	BOOMERANG34N-8C-M, SRQPRWell, Actual BH Surveys V0
VOLT 13C3-M, Wellbore#1, Design#1 V0	VOLT 13N6CL, Wellbore#1, Design#1 V0	PSCJ5-11, Noble Energy SRWell, Actual VES Surveys (Grid to True) V0
VOLT 14NBL, Wellbore#1, Design#1 V0	VOLT 11NBL, Wellbore#1, Design#1 V0	