

# **SRC ENERGY**

**WELD COUNTY (NAD83, TRUE NORTH)  
6N-66W-06 GOLDEN EAGLE 1-6 PAD  
GOLDEN EAGLE 21C-1-M**

**Wellbore #1  
Design #2**

## **Anticollision Report**

**14 December, 2018**

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

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

Survey Tool Program		Date	12/14/2018	
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #2 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	15,305.02	Design #2 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
6N-66W-05 Offsets						
GUTTERSEN #1 - Noble P&A Well - No Surveys						Out of range
GUTTERSON #5-1 - SRC Energy SI Well - No Surveys						Out of range
6N-66W-06 GOLDEN EAGLE 1-6 PAD						
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	263.18	263.09	40.16	32.53	5.267	CC, ES
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	15,305.02	15,206.02	466.85	217.34	1.871	SF
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	282.09	282.04	20.02	12.38	2.620	CC
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	15,305.02	15,229.67	242.99	-0.26	0.999	Level 1, ES, SF
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	200.00	201.00	139.99	132.42	18.483	CC, ES
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	15,305.02	15,536.05	1,258.35	992.30	4.730	SF
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	200.00	201.00	160.08	152.50	21.135	CC, ES
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	15,305.02	15,269.77	1,350.84	1,088.96	5.158	SF
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	242.77	243.77	120.22	112.61	15.804	CC, ES
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	15,305.02	15,318.62	1,089.47	825.87	4.133	SF
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	200.00	201.00	59.93	52.36	7.913	CC, ES
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	15,305.02	15,260.14	667.91	403.86	2.529	SF
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	200.00	201.00	80.04	72.46	10.567	CC, ES
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	15,305.02	15,010.64	732.56	387.77	2.125	SF
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	200.00	199.00	119.89	112.32	15.830	CC, ES
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	15,302.41	15,092.43	1,088.33	826.12	4.151	SF
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	200.00	201.00	99.78	92.21	13.174	CC, ES
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	15,301.41	15,158.55	866.74	603.62	3.294	SF
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	200.00	200.00	19.74	12.17	2.607	CC
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	200.00	200.00	19.74	12.17	2.607	ES
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	15,305.02	15,024.62	365.68	167.58	1.846	SF
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	200.00	201.00	39.85	32.28	5.261	CC, ES
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	15,305.02	15,100.90	468.56	216.53	1.859	SF
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	326.06	325.75	59.80	52.11	7.777	CC, ES
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	15,305.02	15,396.60	616.64	351.49	2.326	SF
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	295.42	296.15	79.91	72.25	10.436	CC, ES
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	15,305.02	15,113.76	738.29	489.48	2.967	SF
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	264.82	265.82	100.07	92.44	13.121	CC, ES
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	15,305.02	15,344.96	862.62	598.50	3.266	SF

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<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

### Summary

Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
<b>Offset Well - Wellbore - Design</b>						
6N-66W-06 Offsets						
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	300.00	299.89	452.50	445.03	60.624	CC
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	8,539.78	7,328.88	461.83	419.99	11.038	ES
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	8,600.00	7,327.98	465.74	423.32	10.979	SF
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	8,321.48	7,313.04	729.69	690.25	18.500	CC, ES
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	8,400.00	7,313.18	733.90	693.76	18.283	SF
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	7,973.00	7,304.60	2,135.92	1,858.21	7.691	CC, ES
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	8,100.00	7,303.72	2,139.69	1,861.14	7.682	SF
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	8,108.25	7,313.55	1,856.18	1,816.58	46.879	CC, ES
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	8,900.00	7,318.92	2,017.98	1,971.17	43.109	SF
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	10,565.78	9,780.73	163.77	83.11	2.030	CC
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	12,500.00	11,710.79	183.58	9.61	1.055	Level 2, ES, SF
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	8,160.30	7,567.32	160.84	109.55	3.136	CC
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	12,500.00	11,924.97	263.00	13.42	1.054	Level 2, ES, SF
HERGERT #1-6 - PDC PR Well - No Surveys						Out of range
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,345.06	7,457.57	572.49	469.58	5.563	CC, ES
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,400.00	7,455.43	575.12	471.73	5.563	SF
HKS 6-23 - Noble SI Well - No Surveys	12,203.77	7,314.00	843.55	504.65	2.489	CC, ES, SF
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,840.27	7,289.28	406.84	314.26	4.395	CC, ES, SF
HOUGHTON #1 - Amirmex P&A Well - No Surveys						Out of range
S B H 1 - Amirmex P&A Well - No Surveys	9,721.88	7,333.37	454.85	154.64	1.515	CC, ES, SF
Simonsen-Schaefer 7E-203 - PDC Energy PR Well - Act						Out of range
Simonsen-Schaefer 7E-423 - PDC Energy PR Well - Act						Out of range
Simonsen-Schaefer 7J-243 - PDC Energy PR Well - Actu						Out of range
Simonsen-Schaefer 7J-403 - PDC Planned Well - Planne						Out of range
Simonsen-Schaefer 7M-243 - PDC Planned Well - Plann						Out of range
WEBER 6-13 - Noble SI Well - Actual Coretech Surveys	9,677.11	7,329.39	744.02	684.53	12.506	CC, ES
WEBER 6-13 - Noble SI Well - Actual Coretech Surveys	9,800.00	7,329.50	754.10	693.20	12.383	SF
6N-67W-01 Offsets Incomplete						
CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual V						Out of range
Simonsen 1Q-241 - PDC PR Well - Actual Ensign Survey	15,305.02	11,116.29	602.18	483.11	5.058	CC, ES, SF
7N-66W-31 Offsets Incomplete						
Schneider X-31-36HN - PDC Planned Well - Planned En	5,782.02	5,938.60	1,392.98	1,358.11	39.955	CC
Schneider X-31-36HN - PDC Planned Well - Planned En	15,305.02	14,892.47	1,399.44	1,007.68	3.572	ES, SF
7N-67W-36 Offsets Incomplete						
Baldrige 1-1 - SRC PR Well - Actual Ensign Surveys	13,700.68	7,607.74	551.89	405.98	3.782	CC, ES
Baldrige 1-1 - SRC PR Well - Actual Ensign Surveys	13,800.00	7,607.56	560.76	412.44	3.781	SF
Baldrige 17-1 - SRC PR Well - Actual Ensign Surveys	14,378.33	7,606.70	124.10	-22.61	0.846	Level 1, CC, ES, SF
Baldrige 2-1 - SRC PR Well - Actual Ensign Surveys	15,018.55	7,381.12	554.66	405.97	3.730	CC, ES, SF
Baldrige 7-1 - SRC PR Well - Actual Ensign Surveys	15,058.68	7,765.47	759.19	604.47	4.907	CC, ES
Baldrige 7-1 - SRC PR Well - Actual Ensign Surveys	15,100.00	7,764.98	760.31	605.27	4.904	SF
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	13,600.00	7,863.67	781.98	630.94	5.177	SF
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	13,700.00	7,863.56	775.39	626.34	5.202	ES
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	13,701.35	7,863.56	775.39	626.38	5.204	CC
ICE MAN 2W-15-7N - XOG Planned Well - Planned MW						Out of range
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,685.11	7,599.78	1,884.49	1,739.70	13.015	CC
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,700.00	7,599.75	1,884.55	1,739.57	12.999	ES
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys	13,800.00	7,599.50	1,887.99	1,742.01	12.933	SF
Schneider 20-36 - SRC PR Well - Actual Ensign Surveys						Out of range
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys	14,348.70	7,374.49	1,312.10	1,169.78	9.219	CC, ES
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys	14,500.00	7,377.01	1,320.79	1,176.61	9.160	SF

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<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1B-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	175.24	-40.07	3.34	40.21							
100.00	100.00	100.00	100.00	3.28	3.28	175.24	-40.07	3.34	40.21	32.68	7.53	5.341				
200.00	200.00	200.00	200.00	3.31	3.31	175.24	-40.07	3.34	40.21	32.64	7.57	5.309				
263.18	263.17	263.09	263.09	3.33	3.33	78.54	-40.09	3.36	40.16	32.53	7.62	5.267	CC, ES			
300.00	300.00	299.66	299.66	3.35	3.35	78.16	-40.25	3.73	40.33	32.67	7.66	5.266				
400.00	399.93	398.97	398.91	3.41	3.41	78.67	-41.67	6.86	41.30	33.52	7.78	5.311				
500.00	499.68	498.26	497.95	3.50	3.49	79.62	-44.51	13.13	43.25	35.31	7.94	5.447				
600.00	599.13	597.52	596.67	3.61	3.60	80.90	-48.75	22.52	46.18	38.03	8.15	5.663				
700.00	698.15	696.72	694.91	3.75	3.74	82.35	-54.41	35.00	50.12	41.69	8.43	5.944				
800.00	796.84	795.87	792.57	3.93	3.92	82.69	-61.45	50.57	55.22	46.44	8.77	6.293				
900.00	895.52	895.70	890.62	4.13	4.14	81.66	-69.19	67.67	60.98	51.80	9.18	6.642				
1,000.00	994.20	1,004.47	988.67	4.36	4.41	80.80	-76.93	84.78	66.75	57.10	9.65	6.915				
1,100.00	1,092.88	1,104.65	1,086.71	4.61	4.68	80.08	-84.67	101.88	72.54	62.39	10.15	7.149				
1,200.00	1,191.56	1,204.82	1,184.76	4.87	4.97	79.47	-92.41	118.99	78.33	67.66	10.67	7.339				
1,300.00	1,290.24	1,304.99	1,282.81	5.15	5.28	78.94	-100.15	136.09	84.14	72.91	11.23	7.494				
1,400.00	1,388.92	1,405.16	1,380.85	5.44	5.60	78.48	-107.90	153.20	89.95	78.14	11.80	7.620				
1,500.00	1,487.60	1,505.33	1,478.90	5.74	5.93	78.08	-115.64	170.30	95.76	83.36	12.40	7.722				
1,600.00	1,586.28	1,594.50	1,576.95	6.04	6.24	77.72	-123.38	187.41	101.58	88.60	12.98	7.826				
1,700.00	1,684.96	1,705.67	1,675.00	6.36	6.63	77.40	-131.12	204.51	107.41	93.76	13.64	7.872				
1,800.00	1,783.64	1,805.85	1,773.04	6.68	6.97	77.12	-138.86	221.61	113.23	98.96	14.28	7.932				
1,900.00	1,882.32	1,906.02	1,871.09	6.86	7.16	76.86	-146.60	238.72	119.06	104.83	14.23	8.366				
2,000.00	1,981.00	2,006.19	1,969.14	6.89	7.21	76.62	-154.34	255.82	124.89	110.59	14.30	8.733				
2,100.00	2,079.68	2,106.36	2,067.19	6.95	7.27	76.41	-162.08	272.93	130.73	116.32	14.40	9.077				
2,200.00	2,178.36	2,206.53	2,165.23	7.01	7.35	76.22	-169.82	290.03	136.56	122.03	14.54	9.395				
2,300.00	2,277.04	2,306.70	2,263.28	7.10	7.44	76.04	-177.56	307.14	142.40	127.70	14.70	9.687				
2,400.00	2,375.72	2,406.87	2,361.33	7.20	7.56	75.87	-185.30	324.24	148.24	133.34	14.89	9.952				
2,500.00	2,474.40	2,507.05	2,459.38	7.31	7.68	75.72	-193.05	341.34	154.07	138.96	15.12	10.192				
2,600.00	2,573.08	2,607.22	2,557.42	7.43	7.82	75.58	-200.79	358.45	159.91	144.55	15.37	10.406				
2,700.00	2,671.76	2,707.39	2,655.47	7.57	7.98	75.45	-208.53	375.55	165.75	150.11	15.64	10.596				
2,800.00	2,770.44	2,807.56	2,753.52	7.72	8.15	75.32	-216.27	392.66	171.60	155.65	15.94	10.763				
2,900.00	2,869.12	2,892.27	2,851.56	7.89	8.30	75.21	-224.01	409.76	177.44	161.20	16.24	10.927				
3,000.00	2,967.80	2,992.10	2,949.61	8.06	8.49	75.10	-231.75	426.87	183.28	166.70	16.58	11.053				
3,100.00	3,066.48	3,108.07	3,047.66	8.24	8.72	75.00	-239.49	443.97	189.12	172.15	16.97	11.141				
3,200.00	3,165.16	3,208.25	3,145.71	8.43	8.93	74.91	-247.23	461.08	194.97	177.61	17.36	11.232				
3,300.00	3,263.84	3,308.42	3,243.75	8.64	9.15	74.82	-254.97	478.18	200.81	183.05	17.76	11.307				
3,400.00	3,362.52	3,408.59	3,341.80	8.84	9.38	74.73	-262.71	495.28	206.66	188.48	18.18	11.369				
3,500.00	3,461.20	3,508.76	3,439.85	9.06	9.62	74.66	-270.45	512.39	212.50	193.89	18.61	11.419				
3,600.00	3,559.88	3,608.93	3,537.90	9.29	9.87	74.58	-278.20	529.49	218.35	199.29	19.06	11.458				
3,700.00	3,658.56	3,709.10	3,635.94	9.52	10.12	74.51	-285.94	546.60	224.19	204.68	19.52	11.487				
3,800.00	3,757.24	3,809.27	3,733.99	9.75	10.38	74.44	-293.68	563.70	230.04	210.05	19.99	11.509				
3,900.00	3,855.92	3,909.45	3,832.04	9.99	10.64	74.38	-301.42	580.81	235.89	215.41	20.47	11.522				
4,000.00	3,954.60	3,990.38	3,930.08	10.24	10.86	74.32	-309.16	597.91	241.73	220.82	20.92	11.557				
4,100.00	4,053.28	4,090.21	4,028.13	10.49	11.13	74.26	-316.90	615.01	247.58	226.16	21.42	11.559				
4,200.00	4,151.96	4,209.96	4,126.18	10.75	11.46	74.20	-324.64	632.12	253.43	231.44	21.98	11.529				
4,300.00	4,250.64	4,289.87	4,224.23	11.01	11.69	74.15	-332.38	649.22	259.27	236.83	22.45	11.549				
4,400.00	4,349.32	4,389.70	4,322.27	11.28	11.98	74.10	-340.12	666.33	265.12	242.15	22.98	11.539				
4,500.00	4,448.00	4,489.53	4,420.32	11.55	12.26	74.05	-347.86	683.43	270.97	247.46	23.51	11.525				
4,600.00	4,546.68	4,589.35	4,518.37	11.82	12.56	74.00	-355.60	700.54	276.82	252.77	24.05	11.509				
4,700.00	4,645.36	4,689.18	4,616.42	12.09	12.85	73.96	-363.35	717.64	282.67	258.07	24.60	11.490				
4,800.00	4,744.04	4,789.01	4,714.46	12.37	13.15	73.92	-371.09	734.74	288.52	263.36	25.15	11.470				
4,900.00	4,842.72	4,888.84	4,812.51	12.65	13.46	73.88	-378.83	751.85	294.36	268.65	25.71	11.448				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1B-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	4,941.40	4,988.67	4,910.56	12.94	13.76	73.84	-386.57	768.95	300.21	273.93	26.28	11.424	
5,100.00	5,040.08	5,088.50	5,008.60	13.22	14.07	73.80	-394.31	786.06	306.06	279.21	26.85	11.400	
5,200.00	5,138.76	5,188.33	5,106.65	13.51	14.38	73.76	-402.05	803.16	311.91	284.49	27.42	11.375	
5,300.00	5,237.44	5,288.16	5,204.70	13.80	14.69	73.73	-409.79	820.27	317.76	289.76	28.00	11.349	
5,400.00	5,336.12	5,387.98	5,302.75	14.10	15.00	73.69	-417.53	837.37	323.61	295.03	28.58	11.322	
5,500.00	5,434.80	5,487.81	5,400.79	14.39	15.32	73.66	-425.27	854.48	329.46	300.29	29.17	11.296	
5,600.00	5,533.48	5,587.64	5,498.84	14.69	15.64	73.63	-433.01	871.58	335.31	305.55	29.76	11.268	
5,700.00	5,632.16	5,687.47	5,596.89	14.98	15.96	73.60	-440.75	888.68	341.16	310.81	30.35	11.241	
5,800.00	5,730.84	5,787.30	5,694.94	15.28	16.28	73.57	-448.50	905.79	347.01	316.06	30.94	11.214	
5,900.00	5,829.52	5,887.13	5,792.98	15.59	16.60	73.54	-456.24	922.89	352.86	321.31	31.54	11.186	
6,000.00	5,928.20	5,986.96	5,891.03	15.89	16.93	73.51	-463.98	940.00	358.71	326.56	32.14	11.159	
6,100.00	6,026.87	6,086.78	5,989.08	16.19	17.25	73.49	-471.72	957.10	364.56	331.81	32.75	11.132	
6,200.00	6,125.55	6,186.61	6,087.12	16.50	17.58	73.46	-479.46	974.21	370.41	337.05	33.36	11.105	
6,300.00	6,224.23	6,286.44	6,185.17	16.80	17.91	73.44	-487.20	991.31	376.26	342.29	33.96	11.078	
6,400.00	6,322.91	6,386.27	6,283.22	17.11	18.24	73.41	-494.94	1,008.41	382.11	347.53	34.58	11.052	
6,500.00	6,421.59	6,486.10	6,381.27	17.42	18.57	73.39	-502.68	1,025.52	387.96	352.77	35.19	11.025	
6,600.00	6,520.27	6,591.58	6,485.41	17.73	18.84	73.96	-510.99	1,039.53	393.32	357.52	35.81	10.984	
6,700.00	6,619.08	6,696.49	6,589.81	18.02	18.99	73.11	-519.66	1,037.05	397.31	360.88	36.43	10.905	
6,800.00	6,718.91	6,797.19	6,688.32	18.18	19.07	-67.92	-528.17	1,018.54	402.22	365.36	36.86	10.911	
6,900.00	6,817.97	6,894.54	6,779.62	18.28	19.09	-82.25	-536.38	986.05	408.43	371.32	37.11	11.006	
7,000.00	6,913.82	6,988.93	6,862.41	18.32	19.08	-81.50	-544.14	941.57	415.65	378.46	37.19	11.176	
7,100.00	7,004.10	7,080.75	6,935.79	18.32	19.04	-79.42	-551.32	886.97	423.54	386.39	37.15	11.401	
7,200.00	7,086.58	7,170.37	6,999.12	18.29	19.00	-77.16	-557.85	824.01	431.71	394.68	37.03	11.657	
7,300.00	7,159.23	7,258.12	7,051.99	18.27	18.97	-75.00	-563.66	754.30	439.75	402.83	36.91	11.913	
7,400.00	7,220.27	7,344.34	7,094.14	18.29	18.96	-73.09	-568.69	679.33	447.27	410.41	36.87	12.132	
7,500.00	7,268.20	7,429.31	7,125.42	18.37	18.99	-71.47	-572.90	600.50	453.94	416.98	36.96	12.282	
7,600.00	7,301.82	7,513.31	7,145.79	18.53	19.08	-70.18	-576.26	519.15	459.45	422.20	37.24	12.337	
7,700.00	7,320.33	7,596.59	7,155.27	18.79	19.23	-69.22	-578.75	436.51	463.56	425.83	37.74	12.285	
7,800.00	7,323.82	7,688.77	7,155.45	19.15	19.50	-68.80	-580.67	344.36	465.77	427.26	38.51	12.095	
7,900.00	7,323.12	7,788.77	7,154.43	19.64	19.95	-68.82	-582.65	244.39	466.93	427.35	39.58	11.797	
8,000.00	7,322.42	7,888.76	7,153.42	20.26	20.56	-68.83	-584.63	144.42	468.09	427.22	40.88	11.451	
8,100.00	7,321.72	7,988.75	7,152.40	21.00	21.30	-68.84	-586.61	44.45	469.26	426.89	42.37	11.074	
8,200.00	7,321.02	8,088.75	7,151.38	21.85	22.16	-68.86	-588.60	-55.52	470.42	426.37	44.05	10.679	
8,300.00	7,320.32	8,188.74	7,150.37	22.79	23.12	-68.87	-590.58	-155.49	471.59	425.70	45.89	10.276	
8,400.00	7,319.62	8,288.73	7,149.35	23.81	24.15	-68.88	-592.56	-255.45	472.75	424.88	47.87	9.875	
8,500.00	7,318.92	8,388.73	7,148.33	24.91	25.26	-68.90	-594.54	-355.42	473.92	423.94	49.98	9.482	
8,600.00	7,318.22	8,488.72	7,147.32	26.06	26.43	-68.91	-596.52	-455.39	475.08	422.88	52.20	9.101	
8,700.00	7,317.52	8,588.71	7,146.30	27.27	27.65	-68.92	-598.50	-555.36	476.25	421.73	54.51	8.736	
8,800.00	7,316.82	8,688.71	7,145.28	28.53	28.92	-68.94	-600.49	-655.33	477.41	420.50	56.91	8.388	
8,900.00	7,316.12	8,788.70	7,144.27	29.83	30.23	-68.95	-602.47	-755.30	478.58	419.19	59.39	8.058	
9,000.00	7,315.42	8,888.69	7,143.25	31.17	31.57	-68.96	-604.45	-855.26	479.74	417.81	61.93	7.747	
9,100.00	7,314.72	8,988.69	7,142.23	32.53	32.94	-68.97	-606.43	-955.23	480.90	416.38	64.53	7.453	
9,200.00	7,314.02	9,088.68	7,141.22	33.93	34.34	-68.99	-608.41	-1,055.20	482.07	414.89	67.17	7.176	
9,300.00	7,313.32	9,188.67	7,140.20	35.35	35.76	-69.00	-610.39	-1,155.17	483.23	413.37	69.87	6.916	
9,400.00	7,312.62	9,288.66	7,139.18	36.79	37.20	-69.01	-612.38	-1,255.14	484.40	411.80	72.60	6.672	
9,500.00	7,311.92	9,388.66	7,138.17	38.24	38.66	-69.03	-614.36	-1,355.11	485.56	410.19	75.37	6.442	
9,600.00	7,311.22	9,488.65	7,137.15	39.72	40.14	-69.04	-616.34	-1,455.07	486.73	408.55	78.17	6.226	
9,700.00	7,310.52	9,588.64	7,136.13	41.21	41.63	-69.05	-618.32	-1,555.04	487.89	406.89	81.01	6.023	
9,800.00	7,309.82	9,688.64	7,135.12	42.72	43.13	-69.06	-620.30	-1,655.01	489.06	405.20	83.86	5.832	
9,900.00	7,309.12	9,788.63	7,134.10	44.23	44.65	-69.08	-622.28	-1,754.98	490.22	403.48	86.74	5.652	
10,000.00	7,308.42	9,888.62	7,133.08	45.76	46.18	-69.09	-624.27	-1,854.95	491.39	401.75	89.64	5.482	
10,100.00	7,307.72	9,988.62	7,132.07	47.30	47.71	-69.10	-626.25	-1,954.92	492.55	399.99	92.56	5.321	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1B-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	7,307.02	10,088.61	7,131.05	48.85	49.26	-69.11	-628.23	-2,054.88	493.72	398.22	95.50	5.170		
10,300.00	7,306.32	10,188.60	7,130.03	50.40	50.81	-69.12	-630.21	-2,154.85	494.88	396.43	98.45	5.027		
10,400.00	7,305.62	10,288.60	7,129.02	51.96	52.37	-69.14	-632.19	-2,254.82	496.05	394.63	101.42	4.891		
10,500.00	7,304.92	10,388.59	7,128.00	53.53	53.94	-69.15	-634.17	-2,354.79	497.21	392.81	104.40	4.762		
10,600.00	7,304.22	10,488.58	7,126.98	55.11	55.52	-69.16	-636.16	-2,454.76	498.38	390.98	107.40	4.641		
10,700.00	7,303.52	10,588.58	7,125.97	56.69	57.09	-69.17	-638.14	-2,554.73	499.54	389.14	110.40	4.525		
10,800.00	7,302.82	10,688.57	7,124.95	58.28	58.68	-69.18	-640.12	-2,654.69	500.71	387.29	113.42	4.415		
10,900.00	7,302.12	10,788.56	7,123.93	59.87	60.27	-69.20	-642.10	-2,754.66	501.87	385.43	116.44	4.310		
11,000.00	7,301.42	10,888.56	7,122.92	61.46	61.86	-69.21	-644.08	-2,854.63	503.04	383.56	119.47	4.210		
11,100.00	7,300.72	10,988.55	7,121.90	63.06	63.46	-69.22	-646.07	-2,954.60	504.20	381.69	122.52	4.115		
11,200.00	7,300.02	11,088.54	7,120.88	64.67	65.06	-69.23	-648.05	-3,054.57	505.37	379.80	125.56	4.025		
11,300.00	7,299.32	11,188.54	7,119.87	66.27	66.66	-69.24	-650.03	-3,154.54	506.53	377.91	128.62	3.938		
11,400.00	7,298.62	11,288.53	7,118.85	67.88	68.27	-69.25	-652.01	-3,254.50	507.70	376.02	131.68	3.855		
11,500.00	7,297.93	11,388.52	7,117.83	69.50	69.88	-69.27	-653.99	-3,354.47	508.86	374.11	134.75	3.776		
11,600.00	7,297.23	11,488.51	7,116.82	71.11	71.50	-69.28	-655.97	-3,454.44	510.03	372.20	137.83	3.700		
11,700.00	7,296.53	11,588.51	7,115.80	72.73	73.11	-69.29	-657.96	-3,554.41	511.19	370.29	140.91	3.628		
11,800.00	7,295.83	11,688.50	7,114.78	74.35	74.73	-69.30	-659.94	-3,654.38	512.36	368.37	143.99	3.558		
11,900.00	7,295.13	11,801.44	7,113.63	75.97	76.57	-69.25	-660.58	-3,767.30	512.19	365.10	147.09	3.482		
12,000.00	7,294.43	11,901.42	7,112.62	77.60	78.19	-69.15	-659.86	-3,867.28	510.83	360.71	150.12	3.403		
12,100.00	7,293.73	12,001.41	7,111.60	79.23	79.82	-69.06	-659.14	-3,967.26	509.48	356.32	153.16	3.327		
12,200.00	7,293.03	12,101.40	7,110.58	80.86	81.45	-68.96	-658.42	-4,067.24	508.12	351.93	156.19	3.253		
12,300.00	7,292.33	12,201.38	7,109.56	82.49	83.08	-68.86	-657.71	-4,167.22	506.77	347.55	159.23	3.183		
12,400.00	7,291.63	12,301.37	7,108.55	84.12	84.71	-68.77	-656.99	-4,267.20	505.42	343.16	162.26	3.115		
12,500.00	7,290.93	12,401.36	7,107.53	85.76	86.35	-68.67	-656.27	-4,367.18	504.07	338.77	165.29	3.050		
12,600.00	7,290.23	12,501.35	7,106.51	87.39	87.98	-68.57	-655.56	-4,467.16	502.72	334.39	168.33	2.987		
12,700.00	7,289.53	12,601.33	7,105.49	89.03	89.62	-68.47	-654.84	-4,567.13	501.37	330.01	171.36	2.926		
12,800.00	7,288.83	12,701.32	7,104.47	90.67	91.26	-68.37	-654.12	-4,667.11	500.03	325.64	174.39	2.867		
12,900.00	7,288.13	12,801.31	7,103.46	92.31	92.90	-68.27	-653.41	-4,767.09	498.68	321.26	177.42	2.811		
13,000.00	7,287.43	12,901.29	7,102.44	93.95	94.54	-68.17	-652.69	-4,867.07	497.34	316.89	180.45	2.756		
13,100.00	7,286.73	13,001.28	7,101.42	95.59	96.18	-68.06	-651.97	-4,967.05	496.00	312.52	183.48	2.703		
13,200.00	7,286.03	13,101.27	7,100.40	97.24	97.83	-67.96	-651.25	-5,067.03	494.66	308.16	186.50	2.652		
13,300.00	7,285.33	13,201.26	7,099.39	98.88	99.47	-67.86	-650.54	-5,167.01	493.32	303.80	189.52	2.603		
13,400.00	7,284.63	13,301.24	7,098.37	100.53	101.12	-67.76	-649.82	-5,266.99	491.98	299.44	192.54	2.555		
13,500.00	7,283.93	13,401.23	7,097.35	102.17	102.76	-67.65	-649.10	-5,366.97	490.65	295.09	195.56	2.509		
13,600.00	7,283.23	13,501.22	7,096.33	103.82	104.41	-67.55	-648.39	-5,466.95	489.32	290.74	198.58	2.464		
13,700.00	7,282.53	13,601.20	7,095.32	105.47	106.06	-67.44	-647.67	-5,566.93	487.98	286.39	201.59	2.421		
13,800.00	7,281.83	13,701.19	7,094.30	107.12	107.71	-67.34	-646.95	-5,666.91	486.65	282.05	204.60	2.379		
13,900.00	7,281.13	13,801.18	7,093.28	108.77	109.36	-67.23	-646.24	-5,766.89	485.33	277.72	207.61	2.338		
14,000.00	7,280.43	13,901.16	7,092.26	110.42	111.01	-67.12	-645.52	-5,866.87	484.00	273.38	210.62	2.298		
14,100.00	7,279.73	14,001.15	7,091.24	112.07	112.66	-67.02	-644.80	-5,966.85	482.68	269.06	213.62	2.260		
14,200.00	7,279.03	14,101.14	7,090.23	113.72	114.31	-66.91	-644.08	-6,066.83	481.35	264.74	216.62	2.222		
14,300.00	7,278.33	14,201.13	7,089.21	115.37	115.97	-66.80	-643.37	-6,166.80	480.03	260.42	219.61	2.186		
14,400.00	7,277.63	14,301.11	7,088.19	117.03	117.62	-66.69	-642.65	-6,266.78	478.71	256.11	222.60	2.151		
14,500.00	7,276.93	14,401.10	7,087.17	118.68	119.27	-66.58	-641.93	-6,366.76	477.39	251.80	225.59	2.116		
14,600.00	7,276.23	14,501.09	7,086.16	120.33	120.93	-66.47	-641.22	-6,466.74	476.08	247.50	228.58	2.083		
14,700.00	7,275.53	14,601.07	7,085.14	121.99	122.58	-66.36	-640.50	-6,566.72	474.76	243.21	231.56	2.050		
14,800.00	7,274.83	14,701.06	7,084.12	123.64	124.24	-66.25	-639.78	-6,666.70	473.45	238.92	234.53	2.019		
14,900.00	7,274.13	14,801.05	7,083.10	125.30	125.90	-66.14	-639.07	-6,766.68	472.14	234.63	237.51	1.988		
15,000.00	7,273.43	14,901.04	7,082.09	126.96	127.55	-66.02	-638.35	-6,866.66	470.83	230.35	240.48	1.958		
15,100.00	7,272.74	15,001.02	7,081.07	128.61	129.21	-65.91	-637.63	-6,966.64	469.52	226.08	243.44	1.929		
15,200.00	7,272.04	15,101.01	7,080.05	130.27	130.87	-65.80	-636.91	-7,066.62	468.22	221.82	246.40	1.900		
15,300.00	7,271.34	15,201.00	7,079.03	131.93	132.53	-65.68	-636.20	-7,166.60	466.91	217.56	249.36	1.872		

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 21C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 21C-1-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design	6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,305.02	7,271.30	15,206.02	7,078.98	132.01	132.61	-65.68	-636.16	-7,171.62	466.85	217.34	249.51	1.871 SF	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1C-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	175.24	-20.04	1.67	20.11					
100.00	100.00	100.00	100.00	3.28	3.28	175.24	-20.04	1.67	20.11	12.58	7.53	2.671		
200.00	200.00	200.00	200.00	3.31	3.31	175.24	-20.04	1.67	20.11	12.53	7.57	2.655		
282.09	282.09	282.04	282.04	3.34	3.34	79.51	-20.06	1.75	20.02	12.38	7.64	2.620	CC	
300.00	300.00	299.90	299.90	3.35	3.35	78.57	-20.12	1.93	20.12	12.46	7.66	2.626		
400.00	399.93	399.65	399.60	3.41	3.41	79.92	-21.00	4.93	20.54	12.76	7.78	2.641		
500.00	499.68	499.41	499.14	3.50	3.49	81.59	-22.87	11.26	21.53	13.58	7.94	2.710		
600.00	599.13	599.18	598.38	3.61	3.60	83.39	-25.73	20.90	23.08	14.92	8.16	2.827		
700.00	698.15	698.93	697.22	3.75	3.74	85.18	-29.56	33.85	25.21	16.76	8.45	2.985		
800.00	796.84	801.24	795.64	3.93	3.92	84.89	-34.29	49.86	27.94	19.14	8.80	3.176		
900.00	895.52	901.28	894.07	4.13	4.14	83.55	-39.22	66.52	30.85	21.64	9.21	3.351		
1,000.00	994.20	1,001.33	992.51	4.36	4.37	82.44	-44.15	83.18	33.76	24.11	9.66	3.497		
1,100.00	1,092.88	1,101.37	1,090.94	4.61	4.63	81.50	-49.08	99.85	36.69	26.55	10.14	3.617		
1,200.00	1,191.56	1,201.42	1,189.37	4.87	4.90	80.71	-54.01	116.51	39.63	28.96	10.67	3.715		
1,300.00	1,290.24	1,301.46	1,287.81	5.15	5.19	80.02	-58.94	133.17	42.57	31.35	11.21	3.796		
1,400.00	1,388.92	1,401.50	1,386.24	5.44	5.50	79.43	-63.87	149.83	45.51	33.73	11.79	3.862		
1,500.00	1,487.60	1,501.55	1,484.68	5.74	5.81	78.90	-68.80	166.49	48.47	36.09	12.38	3.916		
1,600.00	1,586.28	1,601.59	1,583.11	6.04	6.13	78.44	-73.72	183.15	51.42	38.44	12.98	3.961		
1,700.00	1,684.96	1,701.64	1,681.54	6.36	6.46	78.02	-78.65	199.81	54.38	40.78	13.60	3.998		
1,800.00	1,783.64	1,801.68	1,779.98	6.68	6.80	77.65	-83.58	216.47	57.34	43.11	14.23	4.028		
1,900.00	1,882.32	1,901.73	1,878.41	6.86	6.98	77.32	-88.51	233.13	60.30	46.11	14.19	4.249		
2,000.00	1,981.00	2,001.77	1,976.85	6.89	7.02	77.01	-93.44	249.79	63.27	49.01	14.26	4.437		
2,100.00	2,079.68	2,101.82	2,075.28	6.95	7.08	76.74	-98.37	266.45	66.23	51.87	14.36	4.613		
2,200.00	2,178.36	2,201.86	2,173.71	7.01	7.15	76.49	-103.30	283.11	69.20	54.71	14.49	4.776		
2,300.00	2,277.04	2,301.90	2,272.15	7.10	7.24	76.25	-108.23	299.77	72.17	57.52	14.65	4.926		
2,400.00	2,375.72	2,401.95	2,370.58	7.20	7.34	76.04	-113.15	316.43	75.14	60.30	14.84	5.063		
2,500.00	2,474.40	2,501.99	2,469.01	7.31	7.46	75.84	-118.08	333.09	78.11	63.05	15.06	5.186		
2,600.00	2,573.08	2,602.04	2,567.45	7.43	7.59	75.66	-123.01	349.75	81.08	65.78	15.31	5.297		
2,700.00	2,671.76	2,702.08	2,665.88	7.57	7.74	75.49	-127.94	366.41	84.06	68.48	15.58	5.396		
2,800.00	2,770.44	2,802.13	2,764.32	7.72	7.90	75.33	-132.87	383.07	87.03	71.16	15.87	5.483		
2,900.00	2,869.12	2,897.83	2,862.75	7.89	8.06	75.19	-137.80	399.73	90.00	73.82	16.18	5.562		
3,000.00	2,967.80	3,002.22	2,961.18	8.06	8.25	75.05	-142.73	416.39	92.98	76.45	16.53	5.625		
3,100.00	3,066.48	3,102.26	3,059.62	8.24	8.44	74.92	-147.66	433.06	95.95	79.06	16.89	5.682		
3,200.00	3,165.16	3,202.31	3,158.05	8.43	8.64	74.80	-152.58	449.72	98.93	81.66	17.27	5.730		
3,300.00	3,263.84	3,297.65	3,256.49	8.64	8.84	74.68	-157.51	466.38	101.90	84.25	17.65	5.773		
3,400.00	3,362.52	3,402.39	3,354.92	8.84	9.07	74.57	-162.44	483.04	104.88	86.81	18.07	5.804		
3,500.00	3,461.20	3,502.44	3,453.35	9.06	9.30	74.47	-167.37	499.70	107.86	89.36	18.50	5.831		
3,600.00	3,559.88	3,602.48	3,551.79	9.29	9.53	74.37	-172.30	516.36	110.83	91.90	18.94	5.852		
3,700.00	3,658.56	3,702.53	3,650.22	9.52	9.77	74.28	-177.23	533.02	113.81	94.42	19.39	5.869		
3,800.00	3,757.24	3,802.57	3,748.66	9.75	10.02	74.20	-182.16	549.68	116.79	96.93	19.86	5.882		
3,900.00	3,855.92	3,902.62	3,847.09	9.99	10.27	74.11	-187.09	566.34	119.77	99.43	20.33	5.890		
4,000.00	3,954.60	4,002.66	3,945.52	10.24	10.53	74.03	-192.01	583.00	122.74	101.92	20.82	5.895		
4,100.00	4,053.28	4,102.71	4,043.96	10.49	10.79	73.96	-196.94	599.66	125.72	104.41	21.32	5.898		
4,200.00	4,151.96	4,202.75	4,142.39	10.75	11.06	73.89	-201.87	616.32	128.70	106.88	21.82	5.897		
4,300.00	4,250.64	4,302.79	4,240.83	11.01	11.33	73.82	-206.80	632.98	131.68	109.34	22.34	5.895		
4,400.00	4,349.32	4,402.84	4,339.26	11.28	11.60	73.75	-211.73	649.64	134.66	111.80	22.86	5.891		
4,500.00	4,448.00	4,502.88	4,437.69	11.55	11.88	73.69	-216.66	666.30	137.64	114.25	23.39	5.885		
4,600.00	4,546.68	4,602.93	4,536.13	11.82	12.17	73.63	-221.59	682.96	140.62	116.69	23.92	5.877		
4,700.00	4,645.36	4,702.97	4,634.56	12.09	12.45	73.57	-226.52	699.62	143.60	119.13	24.47	5.869		
4,800.00	4,744.04	4,803.02	4,733.00	12.37	12.74	73.52	-231.44	716.28	146.57	121.56	25.02	5.859		
4,900.00	4,842.72	4,903.06	4,831.43	12.65	13.03	73.47	-236.37	732.94	149.55	123.99	25.57	5.849		
5,000.00	4,941.40	5,003.11	4,929.86	12.94	13.33	73.42	-241.30	749.61	152.53	126.41	26.13	5.838		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,103.15	5,028.30	13.22	13.62	73.37	-246.23	766.27	155.51	128.82	26.69	5.826		
5,200.00	5,138.76	5,203.20	5,126.73	13.51	13.92	73.32	-251.16	782.93	158.49	131.23	27.26	5.814		
5,300.00	5,237.44	5,303.24	5,225.16	13.80	14.22	73.28	-256.09	799.59	161.47	133.64	27.83	5.802		
5,400.00	5,336.12	5,396.72	5,323.60	14.10	14.51	73.23	-261.02	816.25	164.45	136.07	28.39	5.793		
5,500.00	5,434.80	5,496.67	5,422.03	14.39	14.81	73.19	-265.95	832.91	167.43	138.47	28.97	5.780		
5,600.00	5,533.48	5,603.37	5,520.47	14.69	15.14	73.15	-270.87	849.57	170.41	140.84	29.57	5.763		
5,700.00	5,632.16	5,696.58	5,618.90	14.98	15.42	73.11	-275.80	866.23	173.39	143.26	30.14	5.753		
5,800.00	5,730.84	5,796.54	5,717.33	15.28	15.73	73.07	-280.73	882.89	176.37	145.65	30.73	5.740		
5,900.00	5,829.52	5,896.49	5,815.77	15.59	16.05	73.04	-285.66	899.55	179.36	148.04	31.32	5.727		
6,000.00	5,928.20	5,996.45	5,914.20	15.89	16.36	73.00	-290.59	916.21	182.34	150.42	31.92	5.713		
6,100.00	6,026.87	6,096.40	6,012.64	16.19	16.67	72.97	-295.52	932.87	185.32	152.80	32.51	5.700		
6,200.00	6,125.55	6,196.36	6,111.07	16.50	16.99	72.93	-300.45	949.53	188.30	155.18	33.11	5.687		
6,300.00	6,224.23	6,296.32	6,209.50	16.80	17.30	72.90	-305.38	966.19	191.28	157.56	33.72	5.673		
6,400.00	6,322.91	6,403.73	6,307.94	17.11	17.64	72.87	-310.30	982.85	194.26	159.92	34.34	5.656		
6,500.00	6,421.59	6,503.77	6,406.37	17.42	17.96	72.84	-315.23	999.51	197.24	162.29	34.95	5.643		
6,600.00	6,520.27	6,597.52	6,506.21	17.73	18.25	72.97	-320.24	1,015.83	200.13	164.60	35.54	5.631		
6,700.00	6,619.08	6,701.20	6,609.54	18.02	18.42	72.58	-325.52	1,020.35	201.63	165.43	36.20	5.570		
6,800.00	6,718.91	6,802.17	6,709.57	18.18	18.52	-67.62	-330.78	1,008.57	203.64	166.95	36.69	5.551		
6,900.00	6,817.97	6,900.82	6,804.32	18.28	18.57	-81.14	-335.89	981.92	206.68	169.70	36.97	5.590		
7,000.00	6,913.82	6,997.34	6,891.95	18.32	18.56	-79.65	-340.75	941.97	210.59	173.53	37.06	5.682		
7,100.00	7,004.10	7,091.95	6,971.03	18.32	18.54	-76.92	-345.27	890.39	215.13	178.14	36.99	5.816		
7,200.00	7,086.58	7,184.87	7,040.42	18.29	18.50	-74.11	-349.38	828.86	219.99	183.19	36.80	5.978		
7,300.00	7,159.23	7,276.31	7,099.28	18.27	18.49	-71.53	-353.01	759.07	224.86	188.28	36.58	6.147		
7,400.00	7,220.27	7,366.52	7,146.97	18.29	18.50	-69.28	-356.13	682.65	229.44	193.02	36.42	6.300		
7,500.00	7,268.20	7,455.71	7,183.05	18.37	18.57	-67.43	-358.69	601.20	233.44	197.03	36.41	6.412		
7,600.00	7,301.82	7,544.10	7,207.25	18.53	18.71	-66.00	-360.67	516.29	236.64	200.03	36.61	6.463		
7,700.00	7,320.33	7,631.90	7,219.44	18.79	18.92	-64.97	-362.04	429.42	238.86	201.79	37.07	6.444		
7,800.00	7,323.82	7,724.66	7,220.63	19.15	19.25	-64.51	-362.90	336.70	239.74	201.92	37.81	6.340		
7,900.00	7,323.12	7,824.66	7,219.76	19.64	19.73	-64.47	-363.72	236.71	239.78	200.93	38.84	6.173		
8,000.00	7,322.42	7,924.66	7,218.89	20.26	20.35	-64.42	-364.54	136.72	239.82	199.72	40.09	5.981		
8,100.00	7,321.72	8,024.66	7,218.02	21.00	21.10	-64.38	-365.35	36.73	239.85	198.31	41.54	5.774		
8,200.00	7,321.02	8,124.66	7,217.14	21.85	21.96	-64.34	-366.17	-63.27	239.89	196.73	43.16	5.558		
8,300.00	7,320.32	8,224.66	7,216.27	22.79	22.91	-64.30	-366.99	-163.26	239.93	194.99	44.95	5.338		
8,400.00	7,319.62	8,324.66	7,215.40	23.81	23.94	-64.26	-367.80	-263.25	239.97	193.11	46.86	5.121		
8,500.00	7,318.92	8,424.66	7,214.53	24.91	25.05	-64.22	-368.62	-363.24	240.01	191.11	48.91	4.908		
8,600.00	7,318.22	8,524.66	7,213.65	26.06	26.21	-64.18	-369.43	-463.24	240.05	189.00	51.05	4.702		
8,700.00	7,317.52	8,624.66	7,212.78	27.27	27.43	-64.14	-370.25	-563.23	240.09	186.79	53.30	4.505		
8,800.00	7,316.82	8,724.66	7,211.91	28.53	28.70	-64.09	-371.07	-663.22	240.13	184.51	55.62	4.317		
8,900.00	7,316.12	8,824.66	7,211.04	29.83	30.01	-64.05	-371.88	-763.22	240.17	182.15	58.02	4.140		
9,000.00	7,315.42	8,924.66	7,210.17	31.17	31.35	-64.01	-372.70	-863.21	240.21	179.74	60.47	3.972		
9,100.00	7,314.72	9,024.66	7,209.29	32.53	32.72	-63.97	-373.52	-963.20	240.25	177.26	62.99	3.814		
9,200.00	7,314.02	9,124.66	7,208.42	33.93	34.12	-63.93	-374.33	-1,063.19	240.29	174.74	65.55	3.666		
9,300.00	7,313.32	9,224.66	7,207.55	35.35	35.54	-63.89	-375.15	-1,163.19	240.33	172.18	68.15	3.526		
9,400.00	7,312.62	9,324.66	7,206.68	36.79	36.98	-63.85	-375.97	-1,263.18	240.37	169.58	70.80	3.395		
9,500.00	7,311.92	9,424.66	7,205.80	38.24	38.45	-63.81	-376.78	-1,363.17	240.41	166.94	73.47	3.272		
9,600.00	7,311.22	9,524.66	7,204.93	39.72	39.93	-63.77	-377.60	-1,463.16	240.45	164.27	76.18	3.156		
9,700.00	7,310.52	9,624.66	7,204.06	41.21	41.42	-63.72	-378.42	-1,563.16	240.50	161.58	78.91	3.048		
9,800.00	7,309.82	9,724.66	7,203.19	42.72	42.93	-63.68	-379.23	-1,663.15	240.54	158.87	81.67	2.945		
9,900.00	7,309.12	9,824.66	7,202.31	44.23	44.45	-63.64	-380.05	-1,763.14	240.58	156.13	84.45	2.849		
10,000.00	7,308.42	9,924.66	7,201.44	45.76	45.97	-63.60	-380.87	-1,863.13	240.62	153.38	87.24	2.758		
10,100.00	7,307.72	10,024.66	7,200.57	47.30	47.51	-63.56	-381.68	-1,963.13	240.66	150.60	90.06	2.672		
10,200.00	7,307.02	10,124.66	7,199.70	48.85	49.06	-63.52	-382.50	-2,063.12	240.70	147.82	92.89	2.591		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21N-1C-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	7,306.32	10,224.66	7,198.82	50.40	50.62	-63.48	-383.32	-2,163.11	240.74	145.02	95.73	2.515	
10,400.00	7,305.62	10,324.66	7,197.95	51.96	52.18	-63.44	-384.13	-2,263.11	240.79	142.20	98.58	2.442	
10,500.00	7,304.92	10,424.66	7,197.08	53.53	53.75	-63.40	-384.95	-2,363.10	240.83	139.38	101.45	2.374	
10,600.00	7,304.22	10,524.66	7,196.21	55.11	55.33	-63.36	-385.77	-2,463.09	240.87	136.54	104.33	2.309	
10,700.00	7,303.52	10,624.66	7,195.33	56.69	56.91	-63.31	-386.58	-2,563.08	240.91	133.70	107.21	2.247	
10,800.00	7,302.82	10,724.66	7,194.46	58.28	58.50	-63.27	-387.40	-2,663.08	240.95	130.85	110.11	2.188	
10,900.00	7,302.12	10,824.66	7,193.59	59.87	60.09	-63.23	-388.22	-2,763.07	241.00	127.99	113.01	2.133	
11,000.00	7,301.42	10,924.66	7,192.72	61.46	61.69	-63.19	-389.03	-2,863.06	241.04	125.12	115.92	2.079	
11,100.00	7,300.72	11,024.66	7,191.84	63.06	63.29	-63.15	-389.85	-2,963.05	241.08	122.25	118.83	2.029	
11,200.00	7,300.02	11,124.66	7,190.97	64.67	64.89	-63.11	-390.67	-3,063.05	241.13	119.37	121.75	1.980	
11,300.00	7,299.32	11,224.66	7,190.10	66.27	66.50	-63.07	-391.48	-3,163.04	241.17	116.49	124.68	1.934	
11,400.00	7,298.62	11,324.66	7,189.23	67.88	68.11	-63.03	-392.30	-3,263.03	241.21	113.60	127.61	1.890	
11,500.00	7,297.93	11,424.66	7,188.35	69.50	69.72	-62.99	-393.11	-3,363.03	241.25	110.71	130.54	1.848	
11,600.00	7,297.23	11,524.66	7,187.48	71.11	71.34	-62.95	-393.93	-3,463.02	241.30	107.82	133.48	1.808	
11,700.00	7,296.53	11,624.66	7,186.61	72.73	72.96	-62.91	-394.75	-3,563.01	241.34	104.92	136.42	1.769	
11,800.00	7,295.83	11,724.65	7,185.74	74.35	74.58	-62.86	-395.56	-3,663.00	241.38	102.01	139.37	1.732	
11,900.00	7,295.13	11,824.65	7,184.86	75.97	76.20	-62.82	-396.38	-3,763.00	241.43	99.11	142.32	1.696	
12,000.00	7,294.43	11,924.65	7,183.99	77.60	77.83	-62.78	-397.20	-3,862.99	241.47	96.20	145.27	1.662	
12,100.00	7,293.73	12,024.65	7,183.12	79.23	79.46	-62.74	-398.01	-3,962.98	241.52	93.29	148.22	1.629	
12,200.00	7,293.03	12,124.65	7,182.25	80.86	81.08	-62.70	-398.83	-4,062.97	241.56	90.38	151.18	1.598	
12,300.00	7,292.33	12,224.65	7,181.37	82.49	82.72	-62.66	-399.65	-4,162.97	241.60	87.47	154.14	1.567	
12,400.00	7,291.63	12,324.65	7,180.50	84.12	84.35	-62.62	-400.46	-4,262.96	241.65	84.55	157.09	1.538	
12,500.00	7,290.93	12,424.65	7,179.63	85.76	85.98	-62.58	-401.28	-4,362.95	241.69	81.64	160.06	1.510	
12,600.00	7,290.23	12,524.65	7,178.76	87.39	87.62	-62.54	-402.10	-4,462.95	241.74	78.72	163.02	1.483 Level 3	
12,700.00	7,289.53	12,624.65	7,177.88	89.03	89.26	-62.50	-402.91	-4,562.94	241.78	75.80	165.98	1.457 Level 3	
12,800.00	7,288.83	12,724.65	7,177.01	90.67	90.90	-62.46	-403.73	-4,662.93	241.83	72.88	168.94	1.431 Level 3	
12,900.00	7,288.13	12,824.65	7,176.14	92.31	92.54	-62.42	-404.55	-4,762.92	241.87	69.96	171.91	1.407 Level 3	
13,000.00	7,287.43	12,924.65	7,175.27	93.95	94.18	-62.38	-405.36	-4,862.92	241.92	67.04	174.88	1.383 Level 3	
13,100.00	7,286.73	13,024.65	7,174.39	95.59	95.82	-62.34	-406.18	-4,962.91	241.96	64.12	177.84	1.361 Level 3	
13,200.00	7,286.03	13,124.65	7,173.52	97.24	97.46	-62.30	-407.00	-5,062.90	242.01	61.20	180.81	1.338 Level 3	
13,300.00	7,285.33	13,224.65	7,172.65	98.88	99.11	-62.26	-407.81	-5,162.89	242.05	58.28	183.78	1.317 Level 3	
13,400.00	7,284.63	13,324.65	7,171.78	100.53	100.75	-62.21	-408.63	-5,262.89	242.10	55.35	186.75	1.296 Level 3	
13,500.00	7,283.93	13,424.65	7,170.91	102.17	102.40	-62.17	-409.45	-5,362.88	242.14	52.43	189.71	1.276 Level 3	
13,600.00	7,283.23	13,524.65	7,170.03	103.82	104.05	-62.13	-410.26	-5,462.87	242.19	49.51	192.68	1.257 Level 3	
13,700.00	7,282.53	13,624.65	7,169.16	105.47	105.70	-62.09	-411.08	-5,562.87	242.24	46.59	195.65	1.238 Level 2	
13,800.00	7,281.83	13,724.65	7,168.29	107.12	107.35	-62.05	-411.90	-5,662.86	242.28	43.66	198.62	1.220 Level 2	
13,900.00	7,281.13	13,824.65	7,167.42	108.77	109.00	-62.01	-412.71	-5,762.85	242.33	40.74	201.59	1.202 Level 2	
14,000.00	7,280.43	13,924.65	7,166.54	110.42	110.65	-61.97	-413.53	-5,862.84	242.37	37.82	204.55	1.185 Level 2	
14,100.00	7,279.73	14,024.65	7,165.67	112.07	112.30	-61.93	-414.35	-5,962.84	242.42	34.90	207.52	1.168 Level 2	
14,200.00	7,279.03	14,124.65	7,164.80	113.72	113.95	-61.89	-415.16	-6,062.83	242.47	31.98	210.49	1.152 Level 2	
14,300.00	7,278.33	14,224.65	7,163.93	115.37	115.60	-61.85	-415.98	-6,162.82	242.51	29.06	213.46	1.136 Level 2	
14,400.00	7,277.63	14,324.65	7,163.05	117.03	117.26	-61.81	-416.79	-6,262.81	242.56	26.14	216.42	1.121 Level 2	
14,500.00	7,276.93	14,424.65	7,162.18	118.68	118.91	-61.77	-417.61	-6,362.81	242.61	23.22	219.39	1.106 Level 2	
14,600.00	7,276.23	14,524.65	7,161.31	120.33	120.56	-61.73	-418.43	-6,462.80	242.65	20.30	222.36	1.091 Level 2	
14,700.00	7,275.53	14,624.65	7,160.44	121.99	122.22	-61.69	-419.24	-6,562.79	242.70	17.38	225.32	1.077 Level 2	
14,800.00	7,274.83	14,724.65	7,159.56	123.64	123.87	-61.65	-420.06	-6,662.78	242.75	14.46	228.29	1.063 Level 2	
14,900.00	7,274.13	14,824.65	7,158.69	125.30	125.53	-61.61	-420.88	-6,762.78	242.80	11.54	231.25	1.050 Level 2	
15,000.00	7,273.43	14,924.65	7,157.82	126.96	127.19	-61.57	-421.69	-6,862.77	242.84	8.63	234.22	1.037 Level 2	
15,100.00	7,272.74	15,024.65	7,156.95	128.61	128.84	-61.53	-422.51	-6,962.76	242.89	5.71	237.18	1.024 Level 2	
15,200.00	7,272.04	15,124.65	7,156.07	130.27	130.50	-61.49	-423.33	-7,062.76	242.94	2.80	240.14	1.012 Level 2	
15,300.00	7,271.34	15,224.65	7,155.20	131.93	132.16	-61.45	-424.14	-7,162.75	242.99	-0.11	243.10	1.000 Level 1	
15,305.02	7,271.30	15,229.67	7,155.16	132.01	132.24	-61.45	-424.18	-7,167.77	242.99	-0.26	243.25	0.999 Level 1, ES, SF	

## Hewlett-Packard

### Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25C-1-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	175.33	-139.53	11.40	139.99						
100.00	100.00	101.00	101.00	3.28	3.28	175.33	-139.53	11.40	139.99	132.47	7.53	18.594			
200.00	200.00	201.00	201.00	3.31	3.31	175.33	-139.53	11.40	139.99	132.42	7.57	18.483	CC, ES		
300.00	300.00	298.05	298.04	3.35	3.35	78.06	-140.29	12.14	140.76	133.10	7.66	18.384			
400.00	399.93	394.33	394.22	3.41	3.40	78.24	-143.33	15.10	143.44	135.67	7.77	18.466			
500.00	499.68	490.46	490.06	3.50	3.48	78.86	-148.67	20.30	148.00	140.08	7.92	18.685			
600.00	599.13	586.39	585.39	3.61	3.59	79.83	-156.29	27.72	154.48	146.36	8.12	19.021			
700.00	698.15	682.03	680.03	3.75	3.72	81.07	-166.17	37.33	162.92	154.54	8.38	19.446			
800.00	796.84	777.35	773.84	3.93	3.90	82.29	-178.26	49.10	173.53	164.84	8.70	19.957			
900.00	895.52	872.24	866.62	4.13	4.12	82.72	-192.50	62.97	186.55	177.48	9.07	20.574			
1,000.00	994.20	967.74	959.31	4.36	4.38	82.46	-208.98	79.00	201.81	192.31	9.49	21.258			
1,100.00	1,092.88	1,066.46	1,054.91	4.61	4.70	82.08	-226.62	96.18	217.71	207.72	9.99	21.793			
1,200.00	1,191.56	1,165.18	1,150.51	4.87	5.04	81.74	-244.26	113.35	233.62	223.09	10.52	22.199			
1,300.00	1,290.24	1,263.90	1,246.11	5.15	5.41	81.45	-261.89	130.52	249.53	238.44	11.09	22.501			
1,400.00	1,388.92	1,362.61	1,341.71	5.44	5.80	81.19	-279.53	147.69	265.45	253.77	11.68	22.720			
1,500.00	1,487.60	1,461.33	1,437.31	5.74	6.20	80.97	-297.17	164.86	281.38	269.09	12.29	22.886			
1,600.00	1,586.28	1,560.05	1,532.91	6.04	6.62	80.76	-314.81	182.03	297.31	284.38	12.93	22.996			
1,700.00	1,684.96	1,658.77	1,628.51	6.36	7.04	80.58	-332.45	199.20	313.24	299.67	13.58	23.070			
1,800.00	1,783.64	1,757.49	1,724.11	6.68	7.48	80.42	-350.09	216.37	329.18	314.94	14.24	23.116			
1,900.00	1,882.32	1,856.20	1,819.70	6.86	7.81	80.27	-367.73	233.55	345.12	330.83	14.29	24.152			
2,000.00	1,981.00	1,954.92	1,915.30	6.89	7.95	80.13	-385.37	250.72	361.06	346.63	14.43	25.022			
2,100.00	2,079.68	2,053.64	2,010.90	6.95	8.02	80.00	-403.01	267.89	377.00	362.47	14.53	25.950			
2,200.00	2,178.36	2,152.36	2,106.50	7.01	8.11	79.89	-420.65	285.06	392.95	378.29	14.66	26.803			
2,300.00	2,277.04	2,251.07	2,202.10	7.10	8.22	79.78	-438.29	302.23	408.89	394.07	14.83	27.580			
2,400.00	2,375.72	2,349.79	2,297.70	7.20	8.35	79.69	-455.92	319.40	424.84	409.82	15.02	28.279			
2,500.00	2,474.40	2,448.51	2,393.30	7.31	8.50	79.60	-473.56	336.57	440.79	425.54	15.25	28.903			
2,600.00	2,573.08	2,547.23	2,488.90	7.43	8.67	79.51	-491.20	353.74	456.74	441.23	15.51	29.453			
2,700.00	2,671.76	2,645.95	2,584.50	7.57	8.85	79.43	-508.84	370.92	472.68	456.89	15.79	29.932			
2,800.00	2,770.44	2,744.66	2,680.10	7.72	9.04	79.36	-526.48	388.09	488.64	472.53	16.10	30.346			
2,900.00	2,869.12	2,843.38	2,775.70	7.89	9.25	79.29	-544.12	405.26	504.59	488.15	16.44	30.698			
3,000.00	2,967.80	2,942.10	2,871.30	8.06	9.47	79.22	-561.76	422.43	520.54	503.74	16.79	30.994			
3,100.00	3,066.48	3,040.82	2,966.90	8.24	9.71	79.16	-579.40	439.60	536.49	519.32	17.17	31.238			
3,200.00	3,165.16	3,139.53	3,062.49	8.43	9.96	79.11	-597.04	456.77	552.45	534.87	17.57	31.436			
3,300.00	3,263.84	3,238.25	3,158.09	8.64	10.21	79.05	-614.68	473.94	568.40	550.41	17.99	31.593			
3,400.00	3,362.52	3,336.97	3,253.69	8.84	10.48	79.00	-632.32	491.11	584.35	565.93	18.43	31.712			
3,500.00	3,461.20	3,435.69	3,349.29	9.06	10.75	78.95	-649.95	508.29	600.31	581.43	18.88	31.799			
3,600.00	3,559.88	3,534.41	3,444.89	9.29	11.04	78.91	-667.59	525.46	616.26	596.92	19.34	31.858			
3,700.00	3,658.56	3,633.12	3,540.49	9.52	11.33	78.86	-685.23	542.63	632.22	612.39	19.82	31.891			
3,800.00	3,757.24	3,731.84	3,636.09	9.75	11.63	78.82	-702.87	559.80	648.17	627.86	20.32	31.903			
3,900.00	3,855.92	3,830.56	3,731.69	9.99	11.93	78.78	-720.51	576.97	664.13	643.31	20.82	31.895			
4,000.00	3,954.60	3,929.28	3,827.29	10.24	12.25	78.74	-738.15	594.14	680.09	658.75	21.34	31.872			
4,100.00	4,053.28	4,028.00	3,922.89	10.49	12.56	78.71	-755.79	611.31	696.04	674.18	21.86	31.835			
4,200.00	4,151.96	4,126.71	4,018.49	10.75	12.89	78.67	-773.43	628.48	712.00	689.60	22.40	31.787			
4,300.00	4,250.64	4,225.43	4,114.09	11.01	13.21	78.64	-791.07	645.66	727.96	705.01	22.94	31.728			
4,400.00	4,349.32	4,324.15	4,209.69	11.28	13.55	78.61	-808.71	662.83	743.91	720.42	23.50	31.661			
4,500.00	4,448.00	4,422.87	4,305.28	11.55	13.88	78.58	-826.35	680.00	759.87	735.82	24.06	31.588			
4,600.00	4,546.68	4,521.58	4,400.88	11.82	14.22	78.55	-843.98	697.17	775.83	751.21	24.62	31.509			
4,700.00	4,645.36	4,620.30	4,496.48	12.09	14.57	78.52	-861.62	714.34	791.79	766.59	25.20	31.425			
4,800.00	4,744.04	4,719.02	4,592.08	12.37	14.91	78.50	-879.26	731.51	807.75	781.97	25.78	31.337			
4,900.00	4,842.72	4,817.74	4,687.68	12.65	15.26	78.47	-896.90	748.68	823.70	797.34	26.36	31.246			
5,000.00	4,941.40	4,916.46	4,783.28	12.94	15.62	78.45	-914.54	765.86	839.66	812.71	26.95	31.154			
5,100.00	5,040.08	5,015.17	4,878.88	13.22	15.97	78.42	-932.18	783.03	855.62	828.07	27.55	31.059			

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25C-1-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	5,138.76	5,113.89	4,974.48	13.51	16.33	78.40	-949.82	800.20	871.58	843.43	28.15	30.964				
5,300.00	5,237.44	5,212.61	5,070.08	13.80	16.69	78.38	-967.46	817.37	887.54	858.79	28.75	30.867				
5,400.00	5,336.12	5,311.33	5,165.68	14.10	17.05	78.36	-985.10	834.54	903.50	874.14	29.36	30.771				
5,500.00	5,434.80	5,410.04	5,261.28	14.39	17.42	78.34	-1,002.74	851.71	919.46	889.48	29.97	30.674				
5,600.00	5,533.48	5,508.76	5,356.88	14.69	17.79	78.32	-1,020.38	868.88	935.42	904.82	30.59	30.578				
5,700.00	5,632.16	5,607.48	5,452.48	14.98	18.15	78.30	-1,038.01	886.05	951.37	920.16	31.21	30.482				
5,800.00	5,730.84	5,706.20	5,548.07	15.28	18.52	78.28	-1,055.65	903.23	967.33	935.50	31.83	30.387				
5,900.00	5,829.52	5,804.92	5,643.67	15.59	18.90	78.26	-1,073.29	920.40	983.29	950.83	32.46	30.293				
6,000.00	5,928.20	5,903.63	5,739.27	15.89	19.27	78.24	-1,090.93	937.57	999.25	966.16	33.09	30.199				
6,100.00	6,026.87	6,002.35	5,834.87	16.19	19.65	78.23	-1,108.57	954.74	1,015.21	981.49	33.72	30.107				
6,200.00	6,125.55	6,101.07	5,930.47	16.50	20.02	78.21	-1,126.21	971.91	1,031.17	996.82	34.35	30.016				
6,300.00	6,224.23	6,200.21	6,026.07	16.80	20.40	78.19	-1,143.85	989.08	1,047.13	1,012.14	34.99	29.925				
6,400.00	6,322.91	6,301.50	6,121.67	17.11	20.79	78.18	-1,161.49	1,006.25	1,063.09	1,027.45	35.64	29.829				
6,500.00	6,421.59	6,402.78	6,217.27	17.42	21.18	78.16	-1,179.13	1,023.42	1,079.05	1,042.76	36.29	29.735				
6,600.00	6,520.27	6,504.06	6,312.87	17.73	21.57	78.15	-1,196.77	1,040.60	1,095.01	1,058.07	36.94	29.642				
6,700.00	6,619.08	6,594.63	6,408.44	18.02	21.92	74.86	-1,214.40	1,057.76	1,111.03	1,073.50	37.54	29.599				
6,800.00	6,718.91	6,692.20	6,502.93	18.18	22.30	-68.90	-1,231.84	1,074.73	1,127.86	1,089.88	37.98	29.694				
6,900.00	6,817.97	6,786.33	6,594.08	18.28	22.67	-86.46	-1,248.65	1,091.11	1,145.87	1,107.60	38.28	29.936				
7,000.00	6,913.82	6,894.30	6,699.50	18.32	22.98	-89.30	-1,268.19	1,102.86	1,165.05	1,126.57	38.48	30.279				
7,100.00	7,004.10	7,014.13	6,816.83	18.32	23.18	-90.63	-1,290.17	1,094.67	1,184.26	1,145.67	38.59	30.692				
7,200.00	7,086.58	7,145.30	6,940.96	18.29	23.30	-91.46	-1,313.72	1,060.29	1,202.65	1,164.02	38.63	31.135				
7,300.00	7,159.23	7,288.80	7,065.59	18.27	23.34	-91.99	-1,337.73	994.00	1,219.25	1,180.61	38.63	31.560				
7,400.00	7,220.27	7,444.15	7,180.30	18.29	23.28	-92.25	-1,360.29	892.28	1,233.02	1,194.33	38.70	31.865				
7,500.00	7,268.20	7,608.48	7,271.47	18.37	23.14	-92.15	-1,378.84	757.37	1,243.03	1,204.06	38.97	31.897				
7,600.00	7,301.82	7,776.43	7,326.46	18.53	22.95	-91.64	-1,390.90	599.66	1,248.64	1,209.03	39.61	31.524				
7,700.00	7,320.33	7,931.22	7,339.86	18.79	22.77	-90.84	-1,395.16	445.87	1,249.78	1,209.25	40.53	30.833				
7,769.51	7,325.04	8,000.50	7,339.22	19.04	22.72	-90.60	-1,395.83	376.59	1,249.68	1,208.60	41.08	30.420				
7,800.00	7,323.82	8,031.05	7,338.94	19.15	22.72	-90.65	-1,396.13	346.05	1,249.75	1,208.40	41.35	30.226				
7,900.00	7,323.12	8,131.05	7,338.03	19.64	22.78	-90.64	-1,397.10	246.06	1,249.86	1,207.47	42.39	29.485				
8,000.00	7,322.42	8,231.04	7,337.11	20.26	23.08	-90.63	-1,398.07	146.07	1,249.97	1,206.30	43.67	28.624				
8,100.00	7,321.72	8,331.04	7,336.20	21.00	23.68	-90.62	-1,399.05	46.08	1,250.09	1,204.92	45.16	27.679				
8,200.00	7,321.02	8,431.04	7,335.28	21.85	24.49	-90.61	-1,400.02	-53.91	1,250.20	1,203.35	46.85	26.683				
8,300.00	7,320.32	8,531.04	7,334.37	22.79	25.42	-90.60	-1,400.99	-153.90	1,250.31	1,201.59	48.72	25.664				
8,400.00	7,319.62	8,631.04	7,333.45	23.81	26.44	-90.59	-1,401.96	-253.89	1,250.43	1,199.69	50.74	24.644				
8,500.00	7,318.92	8,731.04	7,332.53	24.91	27.52	-90.58	-1,402.93	-353.88	1,250.54	1,197.64	52.90	23.642				
8,600.00	7,318.22	8,831.04	7,331.62	26.06	28.67	-90.57	-1,403.90	-453.88	1,250.65	1,195.48	55.17	22.668				
8,700.00	7,317.52	8,931.04	7,330.70	27.27	29.86	-90.56	-1,404.88	-553.87	1,250.77	1,193.21	57.56	21.731				
8,800.00	7,316.82	9,031.04	7,329.79	28.53	31.10	-90.55	-1,405.85	-653.86	1,250.88	1,190.85	60.03	20.837				
8,900.00	7,316.12	9,131.04	7,328.87	29.83	32.38	-90.54	-1,406.82	-753.85	1,250.99	1,188.40	62.59	19.987				
9,000.00	7,315.42	9,231.04	7,327.96	31.17	33.69	-90.53	-1,407.79	-853.84	1,251.11	1,185.88	65.22	19.182				
9,100.00	7,314.72	9,331.04	7,327.04	32.53	35.03	-90.52	-1,408.76	-953.83	1,251.22	1,183.30	67.92	18.423				
9,200.00	7,314.02	9,431.04	7,326.12	33.93	36.39	-90.51	-1,409.73	-1,053.82	1,251.33	1,180.67	70.67	17.707				
9,300.00	7,313.32	9,531.04	7,325.21	35.35	37.78	-90.50	-1,410.70	-1,153.81	1,251.45	1,177.98	73.47	17.034				
9,400.00	7,312.62	9,631.04	7,324.29	36.79	39.19	-90.49	-1,411.68	-1,253.80	1,251.56	1,175.25	76.31	16.400				
9,500.00	7,311.92	9,731.04	7,323.38	38.24	40.62	-90.48	-1,412.65	-1,353.79	1,251.68	1,172.48	79.20	15.804				
9,600.00	7,311.22	9,831.04	7,322.46	39.72	42.07	-90.47	-1,413.62	-1,453.78	1,251.79	1,169.67	82.12	15.243				
9,700.00	7,310.52	9,931.04	7,321.55	41.21	43.53	-90.46	-1,414.59	-1,553.77	1,251.90	1,166.83	85.07	14.716				
9,800.00	7,309.82	10,031.04	7,320.63	42.72	45.01	-90.45	-1,415.56	-1,653.76	1,252.02	1,163.96	88.05	14.219				
9,900.00	7,309.12	10,131.04	7,319.71	44.23	46.50	-90.44	-1,416.53	-1,753.76	1,252.13	1,161.07	91.06	13.750				
10,000.00	7,308.42	10,231.04	7,318.80	45.76	48.00	-90.43	-1,417.51	-1,853.75	1,252.25	1,158.15	94.09	13.309				
10,100.00	7,307.72	10,331.04	7,317.88	47.30	49.51	-90.42	-1,418.48	-1,953.74	1,252.36	1,155.22	97.14	12.892				
10,200.00	7,307.02	10,431.04	7,316.97	48.85	51.03	-90.41	-1,419.45	-2,053.73	1,252.47	1,152.26	100.21	12.498				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25C-1-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	7,306.32	10,531.04	7,316.05	50.40	52.56	-90.40	-1,420.42	-2,153.72	1,252.59	1,149.29	103.30	12.126		
10,400.00	7,305.62	10,631.04	7,315.14	51.96	54.10	-90.39	-1,421.39	-2,253.71	1,252.70	1,146.30	106.40	11.773		
10,500.00	7,304.92	10,731.04	7,314.22	53.53	55.65	-90.38	-1,422.36	-2,353.70	1,252.82	1,143.29	109.52	11.439		
10,600.00	7,304.22	10,831.04	7,313.30	55.11	57.20	-90.37	-1,423.34	-2,453.69	1,252.93	1,140.28	112.65	11.122		
10,700.00	7,303.52	10,931.04	7,312.39	56.69	58.76	-90.36	-1,424.31	-2,553.68	1,253.04	1,137.25	115.80	10.821		
10,800.00	7,302.82	11,031.04	7,311.47	58.28	60.33	-90.35	-1,425.28	-2,653.67	1,253.16	1,134.21	118.95	10.535		
10,900.00	7,302.12	11,131.04	7,310.56	59.87	61.90	-90.34	-1,426.25	-2,753.66	1,253.27	1,131.16	122.12	10.263		
11,000.00	7,301.42	11,231.04	7,309.64	61.46	63.48	-90.33	-1,427.22	-2,853.65	1,253.39	1,128.10	125.29	10.004		
11,100.00	7,300.72	11,331.04	7,308.73	63.06	65.06	-90.32	-1,428.19	-2,953.65	1,253.50	1,125.03	128.47	9.757		
11,200.00	7,300.02	11,431.04	7,307.81	64.67	66.64	-90.31	-1,429.17	-3,053.64	1,253.62	1,121.95	131.67	9.521		
11,300.00	7,299.32	11,531.04	7,306.90	66.27	68.23	-90.30	-1,430.14	-3,153.63	1,253.73	1,118.86	134.87	9.296		
11,400.00	7,298.62	11,631.03	7,305.98	67.88	69.83	-90.29	-1,431.11	-3,253.62	1,253.85	1,115.77	138.07	9.081		
11,500.00	7,297.93	11,731.03	7,305.06	69.50	71.42	-90.28	-1,432.08	-3,353.61	1,253.96	1,112.67	141.29	8.875		
11,600.00	7,297.23	11,831.03	7,304.15	71.11	73.02	-90.27	-1,433.05	-3,453.60	1,254.07	1,109.57	144.51	8.678		
11,700.00	7,296.53	11,931.03	7,303.23	72.73	74.63	-90.26	-1,434.02	-3,553.59	1,254.19	1,106.46	147.73	8.490		
11,800.00	7,295.83	12,031.03	7,302.32	74.35	76.24	-90.25	-1,435.00	-3,653.58	1,254.30	1,103.34	150.96	8.309		
11,900.00	7,295.13	12,131.03	7,301.40	75.97	77.84	-90.24	-1,435.97	-3,753.57	1,254.42	1,100.22	154.20	8.135		
12,000.00	7,294.43	12,231.03	7,300.49	77.60	79.46	-90.23	-1,436.94	-3,853.56	1,254.53	1,097.10	157.44	7.968		
12,100.00	7,293.73	12,331.03	7,299.57	79.23	81.07	-90.22	-1,437.91	-3,953.55	1,254.65	1,093.96	160.68	7.808		
12,200.00	7,293.03	12,431.03	7,298.65	80.86	82.69	-90.21	-1,438.88	-4,053.54	1,254.76	1,090.83	163.93	7.654		
12,300.00	7,292.33	12,531.03	7,297.74	82.49	84.31	-90.20	-1,439.85	-4,153.53	1,254.88	1,087.69	167.18	7.506		
12,400.00	7,291.63	12,631.03	7,296.82	84.12	85.93	-90.19	-1,440.83	-4,253.53	1,254.99	1,084.55	170.44	7.363		
12,500.00	7,290.93	12,731.03	7,295.91	85.76	87.55	-90.18	-1,441.80	-4,353.52	1,255.11	1,081.41	173.70	7.226		
12,600.00	7,290.23	12,831.03	7,294.99	87.39	89.17	-90.17	-1,442.77	-4,453.51	1,255.22	1,078.26	176.97	7.093		
12,700.00	7,289.53	12,931.03	7,294.08	89.03	90.80	-90.16	-1,443.74	-4,553.50	1,255.34	1,075.10	180.23	6.965		
12,800.00	7,288.83	13,031.03	7,293.16	90.67	92.43	-90.15	-1,444.71	-4,653.49	1,255.45	1,071.95	183.50	6.842		
12,900.00	7,288.13	13,131.03	7,292.24	92.31	94.06	-90.14	-1,445.68	-4,753.48	1,255.57	1,068.79	186.77	6.722		
13,000.00	7,287.43	13,231.03	7,291.33	93.95	95.69	-90.13	-1,446.66	-4,853.47	1,255.68	1,065.63	190.05	6.607		
13,100.00	7,286.73	13,331.03	7,290.41	95.59	97.32	-90.12	-1,447.63	-4,953.46	1,255.80	1,062.47	193.33	6.496		
13,200.00	7,286.03	13,431.03	7,289.50	97.24	98.96	-90.11	-1,448.60	-5,053.45	1,255.91	1,059.31	196.61	6.388		
13,300.00	7,285.33	13,531.03	7,288.58	98.88	100.59	-90.10	-1,449.57	-5,153.44	1,256.03	1,056.14	199.89	6.284		
13,400.00	7,284.63	13,631.03	7,287.67	100.53	102.23	-90.09	-1,450.54	-5,253.43	1,256.14	1,052.97	203.17	6.183		
13,500.00	7,283.93	13,731.03	7,286.75	102.17	103.87	-90.08	-1,451.51	-5,353.42	1,256.26	1,049.80	206.46	6.085		
13,600.00	7,283.23	13,831.03	7,285.84	103.82	105.51	-90.07	-1,452.49	-5,453.41	1,256.37	1,046.62	209.75	5.990		
13,700.00	7,282.53	13,931.03	7,284.92	105.47	107.15	-90.06	-1,453.46	-5,553.41	1,256.49	1,043.45	213.04	5.898		
13,800.00	7,281.83	14,031.03	7,284.00	107.12	108.79	-90.05	-1,454.43	-5,653.40	1,256.60	1,040.27	216.33	5.809		
13,900.00	7,281.13	14,131.03	7,283.09	108.77	110.43	-90.04	-1,455.40	-5,753.39	1,256.72	1,037.09	219.63	5.722		
14,000.00	7,280.43	14,231.03	7,282.17	110.42	112.07	-90.03	-1,456.37	-5,853.38	1,256.84	1,033.91	222.92	5.638		
14,100.00	7,279.73	14,331.03	7,281.26	112.07	113.71	-90.02	-1,457.34	-5,953.37	1,256.95	1,030.73	226.22	5.556		
14,200.00	7,279.03	14,431.03	7,280.34	113.72	115.36	-90.01	-1,458.32	-6,053.36	1,257.07	1,027.55	229.52	5.477		
14,300.00	7,278.33	14,531.03	7,279.43	115.37	117.00	-90.00	-1,459.29	-6,153.35	1,257.18	1,024.36	232.82	5.400		
14,400.00	7,277.63	14,631.03	7,278.51	117.03	118.65	-89.99	-1,460.26	-6,253.34	1,257.30	1,021.18	236.12	5.325		
14,500.00	7,276.93	14,731.03	7,277.59	118.68	120.30	-89.98	-1,461.23	-6,353.33	1,257.41	1,017.99	239.42	5.252		
14,600.00	7,276.23	14,831.03	7,276.68	120.33	121.95	-89.97	-1,462.20	-6,453.32	1,257.53	1,014.80	242.73	5.181		
14,700.00	7,275.53	14,931.02	7,275.76	121.99	123.59	-89.96	-1,463.17	-6,553.31	1,257.65	1,011.61	246.03	5.112		
14,800.00	7,274.83	15,031.02	7,274.85	123.64	125.24	-89.95	-1,464.15	-6,653.30	1,257.76	1,008.42	249.34	5.044		
14,900.00	7,274.13	15,131.02	7,273.93	125.30	126.89	-89.94	-1,465.12	-6,753.30	1,257.88	1,005.23	252.64	4.979		
15,000.00	7,273.43	15,231.02	7,273.02	126.96	128.54	-89.93	-1,466.09	-6,853.29	1,257.99	1,002.04	255.95	4.915		
15,100.00	7,272.74	15,331.02	7,272.10	128.61	130.19	-89.93	-1,467.06	-6,953.28	1,258.11	998.85	259.26	4.853		
15,200.00	7,272.04	15,431.02	7,271.18	130.27	131.85	-89.92	-1,468.03	-7,053.27	1,258.22	995.65	262.57	4.792		
15,300.00	7,271.34	15,531.02	7,270.27	131.93	133.50	-89.91	-1,469.00	-7,153.26	1,258.34	992.46	265.88	4.733		
15,305.02	7,271.30	15,536.05	7,270.22	132.01	133.58	-89.90	-1,469.05	-7,158.28	1,258.35	992.30	266.05	4.730 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1A-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	175.42	-159.57	12.79	160.08					
100.00	100.00	101.00	101.00	3.28	3.28	175.42	-159.57	12.79	160.08	152.55	7.53	21.262		
200.00	200.00	201.00	201.00	3.31	3.31	175.42	-159.57	12.79	160.08	152.50	7.57	21.135 CC, ES		
300.00	300.00	296.77	296.75	3.35	3.34	78.03	-160.75	13.92	161.32	153.66	7.65	21.075		
400.00	399.93	392.48	392.33	3.41	3.40	78.05	-164.25	17.25	164.53	156.76	7.77	21.187		
500.00	499.68	488.01	487.53	3.50	3.48	78.46	-170.04	22.76	169.62	161.70	7.92	21.422		
600.00	599.13	583.31	582.17	3.61	3.59	79.20	-178.11	30.45	176.61	168.49	8.12	21.756		
700.00	698.15	678.30	676.08	3.75	3.73	80.21	-188.41	40.26	185.54	177.17	8.37	22.158		
800.00	796.84	772.94	769.13	3.93	3.91	81.26	-200.92	52.17	196.63	187.94	8.69	22.628		
900.00	895.52	867.11	861.10	4.13	4.13	81.64	-215.56	66.11	210.15	201.10	9.06	23.197		
1,000.00	994.20	960.63	951.73	4.36	4.40	81.44	-232.26	82.02	226.05	216.58	9.48	23.856		
1,100.00	1,092.88	1,058.62	1,046.21	4.61	4.73	80.95	-251.08	99.93	243.34	233.37	9.97	24.402		
1,200.00	1,191.56	1,157.09	1,141.16	4.87	5.09	80.52	-269.99	117.94	260.66	250.15	10.51	24.800		
1,300.00	1,290.24	1,255.57	1,236.10	5.15	5.48	80.14	-288.90	135.95	277.98	266.90	11.08	25.086		
1,400.00	1,388.92	1,354.04	1,331.05	5.44	5.88	79.81	-307.81	153.96	295.32	283.64	11.68	25.286		
1,500.00	1,487.60	1,452.51	1,425.99	5.74	6.31	79.51	-326.73	171.97	312.67	300.37	12.30	25.428		
1,600.00	1,586.28	1,550.98	1,520.94	6.04	6.74	79.25	-345.64	189.98	330.02	317.08	12.94	25.513		
1,700.00	1,684.96	1,649.46	1,615.89	6.36	7.19	79.01	-364.55	208.00	347.38	333.79	13.59	25.562		
1,800.00	1,783.64	1,747.93	1,710.83	6.68	7.65	78.80	-383.47	226.01	364.74	350.48	14.26	25.583		
1,900.00	1,882.32	1,846.40	1,805.78	6.86	8.02	78.60	-402.38	244.02	382.11	367.78	14.33	26.671		
2,000.00	1,981.00	1,944.87	1,900.72	6.89	8.19	78.42	-421.29	262.03	399.48	385.00	14.48	27.582		
2,100.00	2,079.68	2,043.34	1,995.67	6.95	8.26	78.26	-440.21	280.04	416.86	402.28	14.58	28.593		
2,200.00	2,178.36	2,141.82	2,090.61	7.01	8.35	78.11	-459.12	298.05	434.24	419.53	14.71	29.521		
2,300.00	2,277.04	2,240.29	2,185.56	7.10	8.47	77.97	-478.03	316.06	451.62	436.74	14.87	30.365		
2,400.00	2,375.72	2,338.76	2,280.50	7.20	8.61	77.84	-496.94	334.07	469.00	453.93	15.07	31.123		
2,500.00	2,474.40	2,437.23	2,375.45	7.31	8.76	77.72	-515.86	352.08	486.39	471.09	15.30	31.798		
2,600.00	2,573.08	2,535.70	2,470.40	7.43	8.93	77.61	-534.77	370.09	503.77	488.22	15.55	32.391		
2,700.00	2,671.76	2,634.18	2,565.34	7.57	9.12	77.51	-553.68	388.10	521.16	505.33	15.84	32.906		
2,800.00	2,770.44	2,732.65	2,660.29	7.72	9.32	77.41	-572.60	406.11	538.56	522.41	16.15	33.349		
2,900.00	2,869.12	2,831.12	2,755.23	7.89	9.54	77.32	-591.51	424.12	555.95	539.46	16.49	33.724		
3,000.00	2,967.80	2,929.59	2,850.18	8.06	9.77	77.23	-610.42	442.13	573.34	556.50	16.84	34.036		
3,100.00	3,066.48	3,028.07	2,945.12	8.24	10.01	77.15	-629.34	460.14	590.74	573.51	17.23	34.293		
3,200.00	3,165.16	3,126.54	3,040.07	8.43	10.27	77.08	-648.25	478.15	608.13	590.51	17.63	34.498		
3,300.00	3,263.84	3,225.01	3,135.02	8.64	10.53	77.01	-667.16	496.17	625.53	607.48	18.05	34.658		
3,400.00	3,362.52	3,323.48	3,229.96	8.84	10.81	76.94	-686.07	514.18	642.93	624.44	18.49	34.778		
3,500.00	3,461.20	3,421.95	3,324.91	9.06	11.09	76.87	-704.99	532.19	660.33	641.39	18.94	34.862		
3,600.00	3,559.88	3,520.43	3,419.85	9.29	11.39	76.81	-723.90	550.20	677.73	658.32	19.41	34.915		
3,700.00	3,658.56	3,618.90	3,514.80	9.52	11.69	76.76	-742.81	568.21	695.13	675.23	19.89	34.940		
3,800.00	3,757.24	3,717.37	3,609.74	9.75	12.00	76.70	-761.73	586.22	712.53	692.14	20.39	34.943		
3,900.00	3,855.92	3,815.84	3,704.69	9.99	12.32	76.65	-780.64	604.23	729.93	709.03	20.90	34.925		
4,000.00	3,954.60	3,914.32	3,799.64	10.24	12.64	76.60	-799.55	622.24	747.33	725.91	21.42	34.890		
4,100.00	4,053.28	4,012.79	3,894.58	10.49	12.97	76.55	-818.47	640.25	764.73	742.78	21.95	34.841		
4,200.00	4,151.96	4,111.26	3,989.53	10.75	13.30	76.50	-837.38	658.26	782.14	759.65	22.49	34.778		
4,300.00	4,250.64	4,209.73	4,084.47	11.01	13.64	76.46	-856.29	676.27	799.54	776.50	23.04	34.706		
4,400.00	4,349.32	4,308.20	4,179.42	11.28	13.99	76.42	-875.20	694.28	816.94	793.35	23.59	34.625		
4,500.00	4,448.00	4,406.68	4,274.36	11.55	14.33	76.38	-894.12	712.29	834.35	810.19	24.16	34.536		
4,600.00	4,546.68	4,505.15	4,369.31	11.82	14.69	76.34	-913.03	730.30	851.75	827.02	24.73	34.442		
4,700.00	4,645.36	4,603.62	4,464.26	12.09	15.04	76.30	-931.94	748.31	869.16	843.85	25.31	34.343		
4,800.00	4,744.04	4,702.09	4,559.20	12.37	15.40	76.27	-950.86	766.32	886.56	860.67	25.89	34.240		
4,900.00	4,842.72	4,800.56	4,654.15	12.65	15.76	76.23	-969.77	784.34	903.97	877.49	26.48	34.134		
5,000.00	4,941.40	4,899.04	4,749.09	12.94	16.13	76.20	-988.68	802.35	921.38	894.30	27.08	34.026		
5,100.00	5,040.08	5,002.49	4,844.04	13.22	16.52	76.17	-1,007.60	820.36	938.78	911.09	27.70	33.897		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1A-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	5,138.76	5,095.98	4,938.98	13.51	16.87	76.14	-1,026.51	838.37	956.19	927.90	28.28	33.807				
5,300.00	5,237.44	5,205.55	5,033.93	13.80	17.28	76.11	-1,045.42	856.38	973.59	944.66	28.93	33.653				
5,400.00	5,336.12	5,307.07	5,128.88	14.10	17.67	76.08	-1,064.33	874.39	991.00	961.45	29.55	33.531				
5,500.00	5,434.80	5,408.60	5,223.82	14.39	18.06	76.06	-1,083.25	892.40	1,008.41	978.23	30.18	33.410				
5,600.00	5,533.48	5,489.87	5,318.77	14.69	18.38	76.03	-1,102.16	910.41	1,025.82	995.07	30.75	33.364				
5,700.00	5,632.16	5,588.34	5,413.71	14.98	18.76	76.00	-1,121.07	928.42	1,043.22	1,011.85	31.37	33.255				
5,800.00	5,730.84	5,686.81	5,508.66	15.28	19.14	75.98	-1,139.99	946.43	1,060.63	1,028.63	32.00	33.146				
5,900.00	5,829.52	5,785.29	5,603.60	15.59	19.53	75.96	-1,158.90	964.44	1,078.04	1,045.41	32.63	33.039				
6,000.00	5,928.20	5,883.76	5,698.55	15.89	19.91	75.93	-1,177.81	982.45	1,095.45	1,062.19	33.26	32.932				
6,100.00	6,026.87	5,982.23	5,793.50	16.19	20.30	75.91	-1,196.73	1,000.46	1,112.86	1,078.96	33.90	32.828				
6,200.00	6,125.55	6,080.70	5,888.44	16.50	20.69	75.89	-1,215.64	1,018.47	1,130.27	1,095.73	34.54	32.724				
6,300.00	6,224.23	6,179.18	5,983.39	16.80	21.08	75.87	-1,234.55	1,036.48	1,147.67	1,112.49	35.18	32.622				
6,400.00	6,322.91	6,277.65	6,078.33	17.11	21.47	75.85	-1,253.46	1,054.49	1,165.08	1,129.26	35.82	32.522				
6,500.00	6,421.59	6,376.12	6,173.28	17.42	21.87	75.83	-1,272.38	1,072.51	1,182.49	1,146.02	36.47	32.423				
6,600.00	6,520.27	6,474.59	6,268.22	17.73	22.26	75.81	-1,291.29	1,090.52	1,199.90	1,162.78	37.12	32.326				
6,700.00	6,619.08	6,581.95	6,372.14	18.02	22.63	72.67	-1,312.02	1,107.48	1,217.23	1,179.46	37.76	32.235				
6,800.00	6,718.91	6,697.57	6,485.32	18.18	22.86	-70.13	-1,334.81	1,107.60	1,234.50	1,196.27	38.22	32.296				
6,900.00	6,817.97	6,812.23	6,595.72	18.28	23.01	-86.05	-1,357.27	1,087.12	1,251.54	1,213.01	38.53	32.483				
7,000.00	6,913.82	6,925.58	6,699.53	18.32	23.08	-86.68	-1,378.63	1,047.36	1,267.97	1,229.26	38.70	32.760				
7,100.00	7,004.10	7,037.33	6,793.49	18.32	23.09	-85.77	-1,398.20	990.39	1,283.41	1,244.62	38.79	33.086				
7,200.00	7,086.58	7,147.24	6,874.96	18.29	23.05	-84.45	-1,415.42	918.86	1,297.51	1,258.67	38.84	33.408				
7,300.00	7,159.23	7,255.14	6,942.02	18.27	22.97	-83.04	-1,429.87	835.74	1,309.96	1,271.05	38.92	33.661				
7,400.00	7,220.27	7,360.91	6,993.46	18.29	22.87	-81.67	-1,441.28	744.17	1,320.48	1,281.39	39.09	33.779				
7,500.00	7,268.20	7,464.47	7,028.76	18.37	22.75	-80.42	-1,449.49	647.28	1,328.83	1,289.42	39.41	33.716				
7,600.00	7,301.82	7,565.80	7,047.94	18.53	22.63	-79.33	-1,454.48	548.02	1,334.83	1,294.92	39.91	33.447				
7,700.00	7,320.33	7,665.07	7,051.77	18.79	22.51	-78.45	-1,456.39	448.93	1,338.32	1,297.74	40.59	32.975				
7,800.00	7,323.82	7,764.88	7,050.47	19.15	22.45	-78.18	-1,457.26	349.12	1,339.23	1,297.76	41.47	32.291				
7,900.00	7,323.12	7,864.88	7,049.17	19.64	22.50	-78.15	-1,458.14	249.14	1,339.37	1,296.79	42.59	31.449				
8,000.00	7,322.42	7,964.88	7,047.87	20.26	22.79	-78.13	-1,459.02	149.15	1,339.52	1,295.59	43.93	30.495				
8,100.00	7,321.72	8,064.87	7,046.58	21.00	23.40	-78.10	-1,459.90	49.17	1,339.67	1,294.20	45.47	29.464				
8,200.00	7,321.02	8,164.87	7,045.28	21.85	24.22	-78.08	-1,460.78	-50.82	1,339.81	1,292.62	47.19	28.391				
8,300.00	7,320.32	8,264.87	7,043.98	22.79	25.17	-78.05	-1,461.66	-150.80	1,339.96	1,290.88	49.08	27.303				
8,400.00	7,319.62	8,364.87	7,042.68	23.81	26.21	-78.03	-1,462.54	-250.79	1,340.11	1,289.00	51.11	26.220				
8,500.00	7,318.92	8,464.87	7,041.38	24.91	27.31	-78.00	-1,463.42	-350.78	1,340.25	1,286.98	53.27	25.160				
8,600.00	7,318.22	8,564.87	7,040.08	26.06	28.48	-77.98	-1,464.29	-450.76	1,340.40	1,284.86	55.54	24.133				
8,700.00	7,317.52	8,664.86	7,038.78	27.27	29.69	-77.95	-1,465.17	-550.75	1,340.55	1,282.63	57.91	23.148				
8,800.00	7,316.82	8,764.86	7,037.48	28.53	30.94	-77.93	-1,466.05	-650.73	1,340.70	1,280.32	60.37	22.208				
8,900.00	7,316.12	8,864.86	7,036.18	29.83	32.23	-77.90	-1,466.93	-750.72	1,340.84	1,277.94	62.91	21.315				
9,000.00	7,315.42	8,964.86	7,034.88	31.17	33.56	-77.88	-1,467.81	-850.71	1,340.99	1,275.48	65.51	20.471				
9,100.00	7,314.72	9,064.86	7,033.58	32.53	34.91	-77.85	-1,468.69	-950.69	1,341.14	1,272.97	68.17	19.673				
9,200.00	7,314.02	9,164.85	7,032.28	33.93	36.29	-77.83	-1,469.57	-1,050.68	1,341.29	1,270.40	70.88	18.922				
9,300.00	7,313.32	9,264.85	7,030.98	35.35	37.69	-77.81	-1,470.45	-1,150.66	1,341.44	1,267.79	73.65	18.215				
9,400.00	7,312.62	9,364.85	7,029.68	36.79	39.11	-77.78	-1,471.33	-1,250.65	1,341.59	1,265.14	76.45	17.549				
9,500.00	7,311.92	9,464.85	7,028.38	38.24	40.55	-77.76	-1,472.20	-1,350.64	1,341.74	1,262.45	79.29	16.922				
9,600.00	7,311.22	9,564.85	7,027.08	39.72	42.00	-77.73	-1,473.08	-1,450.62	1,341.89	1,259.72	82.16	16.332				
9,700.00	7,310.52	9,664.85	7,025.78	41.21	43.48	-77.71	-1,473.96	-1,550.61	1,342.04	1,256.97	85.07	15.777				
9,800.00	7,309.82	9,764.84	7,024.48	42.72	44.96	-77.68	-1,474.84	-1,650.59	1,342.19	1,254.19	88.00	15.253				
9,900.00	7,309.12	9,864.84	7,023.18	44.23	46.46	-77.66	-1,475.72	-1,750.58	1,342.34	1,251.39	90.95	14.759				
10,000.00	7,308.42	9,964.84	7,021.88	45.76	47.97	-77.63	-1,476.60	-1,850.56	1,342.49	1,248.56	93.92	14.293				
10,100.00	7,307.72	10,064.84	7,020.58	47.30	49.49	-77.61	-1,477.48	-1,950.55	1,342.64	1,245.72	96.92	13.853				
10,200.00	7,307.02	10,164.84	7,019.28	48.85	51.01	-77.58	-1,478.36	-2,050.54	1,342.79	1,242.86	99.93	13.437				
10,300.00	7,306.32	10,264.83	7,017.98	50.40	52.55	-77.56	-1,479.24	-2,150.52	1,342.94	1,239.98	102.96	13.043				

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,305.62	10,364.83	7,016.69	51.96	54.09	-77.53	-1,480.11	-2,250.51	1,343.09	1,237.09	106.01	12.670		
10,500.00	7,304.92	10,464.83	7,015.39	53.53	55.65	-77.51	-1,480.99	-2,350.49	1,343.25	1,234.18	109.06	12.316		
10,600.00	7,304.22	10,564.83	7,014.09	55.11	57.20	-77.48	-1,481.87	-2,450.48	1,343.40	1,231.27	112.13	11.980		
10,700.00	7,303.52	10,664.83	7,012.79	56.69	58.77	-77.46	-1,482.75	-2,550.47	1,343.55	1,228.34	115.21	11.661		
10,800.00	7,302.82	10,764.83	7,011.49	58.28	60.34	-77.43	-1,483.63	-2,650.45	1,343.70	1,225.40	118.30	11.358		
10,900.00	7,302.12	10,864.82	7,010.19	59.87	61.91	-77.41	-1,484.51	-2,750.44	1,343.86	1,222.45	121.41	11.069		
11,000.00	7,301.42	10,964.82	7,008.89	61.46	63.49	-77.38	-1,485.39	-2,850.42	1,344.01	1,219.49	124.51	10.794		
11,100.00	7,300.72	11,064.82	7,007.59	63.06	65.08	-77.36	-1,486.27	-2,950.41	1,344.16	1,216.53	127.63	10.531		
11,200.00	7,300.02	11,164.82	7,006.29	64.67	66.67	-77.33	-1,487.15	-3,050.40	1,344.32	1,213.56	130.76	10.281		
11,300.00	7,299.32	11,264.82	7,004.99	66.27	68.26	-77.31	-1,488.03	-3,150.38	1,344.47	1,210.58	133.89	10.042		
11,400.00	7,298.62	11,364.81	7,003.69	67.88	69.86	-77.28	-1,488.90	-3,250.37	1,344.62	1,207.60	137.03	9.813		
11,500.00	7,297.93	11,464.81	7,002.39	69.50	71.46	-77.26	-1,489.78	-3,350.35	1,344.78	1,204.61	140.17	9.594		
11,600.00	7,297.23	11,564.81	7,001.09	71.11	73.06	-77.24	-1,490.66	-3,450.34	1,344.93	1,201.61	143.32	9.384		
11,700.00	7,296.53	11,664.81	6,999.79	72.73	74.67	-77.21	-1,491.54	-3,550.32	1,345.09	1,198.61	146.48	9.183		
11,800.00	7,295.83	11,764.81	6,998.49	74.35	76.28	-77.19	-1,492.42	-3,650.31	1,345.24	1,195.61	149.64	8.990		
11,900.00	7,295.13	11,864.81	6,997.19	75.97	77.89	-77.16	-1,493.30	-3,750.30	1,345.40	1,192.60	152.80	8.805		
12,000.00	7,294.43	11,964.80	6,995.89	77.60	79.50	-77.14	-1,494.18	-3,850.28	1,345.56	1,189.59	155.97	8.627		
12,100.00	7,293.73	12,064.80	6,994.59	79.23	81.12	-77.11	-1,495.06	-3,950.27	1,345.71	1,186.57	159.14	8.456		
12,200.00	7,293.03	12,164.80	6,993.29	80.86	82.74	-77.09	-1,495.94	-4,050.25	1,345.87	1,183.55	162.32	8.292		
12,300.00	7,292.33	12,264.80	6,991.99	82.49	84.36	-77.06	-1,496.81	-4,150.24	1,346.02	1,180.53	165.50	8.133		
12,400.00	7,291.63	12,364.80	6,990.69	84.12	85.98	-77.04	-1,497.69	-4,250.23	1,346.18	1,177.50	168.68	7.981		
12,500.00	7,290.93	12,464.79	6,989.39	85.76	87.61	-77.01	-1,498.57	-4,350.21	1,346.34	1,174.47	171.87	7.834		
12,600.00	7,290.23	12,564.79	6,988.10	87.39	89.23	-76.99	-1,499.45	-4,450.20	1,346.50	1,171.44	175.05	7.692		
12,700.00	7,289.53	12,664.79	6,986.80	89.03	90.86	-76.96	-1,500.33	-4,550.18	1,346.65	1,168.41	178.24	7.555		
12,800.00	7,288.83	12,764.79	6,985.50	90.67	92.49	-76.94	-1,501.21	-4,650.17	1,346.81	1,165.37	181.44	7.423		
12,900.00	7,288.13	12,864.79	6,984.20	92.31	94.12	-76.91	-1,502.09	-4,750.16	1,346.97	1,162.34	184.63	7.295		
13,000.00	7,287.43	12,964.79	6,982.90	93.95	95.76	-76.89	-1,502.97	-4,850.14	1,347.13	1,159.30	187.83	7.172		
13,100.00	7,286.73	13,064.78	6,981.60	95.59	97.39	-76.87	-1,503.85	-4,950.13	1,347.29	1,156.26	191.03	7.053		
13,200.00	7,286.03	13,164.78	6,980.30	97.24	99.03	-76.84	-1,504.72	-5,050.11	1,347.44	1,153.22	194.23	6.937		
13,300.00	7,285.33	13,264.78	6,979.00	98.88	100.66	-76.82	-1,505.60	-5,150.10	1,347.60	1,150.17	197.43	6.826		
13,400.00	7,284.63	13,364.78	6,977.70	100.53	102.30	-76.79	-1,506.48	-5,250.09	1,347.76	1,147.13	200.64	6.717		
13,500.00	7,283.93	13,464.78	6,976.40	102.17	103.94	-76.77	-1,507.36	-5,350.07	1,347.92	1,144.08	203.84	6.613		
13,600.00	7,283.23	13,564.78	6,975.10	103.82	105.58	-76.74	-1,508.24	-5,450.06	1,348.08	1,141.03	207.05	6.511		
13,700.00	7,282.53	13,664.77	6,973.80	105.47	107.22	-76.72	-1,509.12	-5,550.04	1,348.24	1,137.98	210.26	6.412		
13,800.00	7,281.83	13,764.77	6,972.50	107.12	108.86	-76.69	-1,510.00	-5,650.03	1,348.40	1,134.93	213.47	6.317		
13,900.00	7,281.13	13,864.77	6,971.20	108.77	110.51	-76.67	-1,510.88	-5,750.01	1,348.56	1,131.88	216.68	6.224		
14,000.00	7,280.43	13,964.77	6,969.90	110.42	112.15	-76.64	-1,511.76	-5,850.00	1,348.72	1,128.83	219.89	6.134		
14,100.00	7,279.73	14,064.77	6,968.60	112.07	113.79	-76.62	-1,512.63	-5,949.99	1,348.88	1,125.78	223.11	6.046		
14,200.00	7,279.03	14,164.76	6,967.30	113.72	115.44	-76.59	-1,513.51	-6,049.97	1,349.05	1,122.73	226.32	5.961		
14,300.00	7,278.33	14,264.76	6,966.00	115.37	117.09	-76.57	-1,514.39	-6,149.96	1,349.21	1,119.67	229.54	5.878		
14,400.00	7,277.63	14,364.76	6,964.70	117.03	118.73	-76.55	-1,515.27	-6,249.94	1,349.37	1,116.62	232.75	5.797		
14,500.00	7,276.93	14,464.76	6,963.40	118.68	120.38	-76.52	-1,516.15	-6,349.93	1,349.53	1,113.56	235.97	5.719		
14,600.00	7,276.23	14,564.76	6,962.10	120.33	122.03	-76.50	-1,517.03	-6,449.92	1,349.69	1,110.51	239.19	5.643		
14,700.00	7,275.53	14,664.76	6,960.80	121.99	123.68	-76.47	-1,517.91	-6,549.90	1,349.86	1,107.45	242.40	5.569		
14,800.00	7,274.83	14,764.75	6,959.50	123.64	125.33	-76.45	-1,518.79	-6,649.89	1,350.02	1,104.40	245.62	5.496		
14,900.00	7,274.13	14,864.75	6,958.21	125.30	126.98	-76.42	-1,519.67	-6,749.87	1,350.18	1,101.34	248.84	5.426		
15,000.00	7,273.43	14,964.75	6,956.91	126.96	128.63	-76.40	-1,520.54	-6,849.86	1,350.34	1,098.28	252.06	5.357		
15,100.00	7,272.74	15,064.75	6,955.61	128.61	130.28	-76.37	-1,521.42	-6,949.85	1,350.51	1,095.23	255.28	5.290		
15,200.00	7,272.04	15,164.75	6,954.31	130.27	131.94	-76.35	-1,522.30	-7,049.83	1,350.67	1,092.17	258.50	5.225		
15,300.00	7,271.34	15,264.74	6,953.01	131.93	133.59	-76.33	-1,523.18	-7,149.82	1,350.84	1,089.11	261.72	5.161		
15,305.02	7,271.30	15,269.77	6,952.94	132.01	133.67	-76.32	-1,523.23	-7,154.84	1,350.84	1,088.96	261.89	5.158 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1B-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	175.36	-119.86	9.73	120.25					
100.00	100.00	101.00	101.00	3.28	3.28	175.36	-119.86	9.73	120.25	112.72	7.53	15.972		
200.00	200.00	201.00	201.00	3.31	3.31	175.36	-119.86	9.73	120.25	112.68	7.57	15.876		
242.77	242.77	243.77	243.77	3.32	3.32	78.28	-119.86	9.73	120.22	112.61	7.61	15.804 CC, ES		
300.00	300.00	299.18	299.17	3.35	3.35	78.20	-120.27	10.18	120.62	112.97	7.66	15.751		
400.00	399.93	396.15	396.07	3.41	3.40	78.55	-122.73	12.87	122.66	114.89	7.77	15.786		
500.00	499.68	493.02	492.69	3.50	3.48	79.33	-127.39	17.98	126.49	118.56	7.93	15.960		
600.00	599.13	589.72	588.86	3.61	3.59	80.46	-134.23	25.47	132.13	124.00	8.13	16.255		
700.00	698.15	686.21	684.41	3.75	3.72	81.85	-143.24	35.34	139.63	131.24	8.39	16.647		
800.00	796.84	782.44	779.21	3.93	3.89	83.11	-154.38	47.54	149.19	140.48	8.71	17.130		
900.00	895.52	878.31	873.04	4.13	4.11	83.38	-167.61	62.03	161.00	151.91	9.09	17.719		
1,000.00	994.20	975.10	967.12	4.36	4.37	82.87	-182.94	78.81	174.83	165.31	9.52	18.365		
1,100.00	1,092.88	1,074.06	1,063.17	4.61	4.68	82.28	-199.01	96.42	189.10	179.08	10.02	18.879		
1,200.00	1,191.56	1,173.02	1,159.21	4.87	5.02	81.78	-215.09	114.02	203.38	192.83	10.55	19.278		
1,300.00	1,290.24	1,271.98	1,255.26	5.15	5.38	81.34	-231.16	131.63	217.68	206.56	11.12	19.584		
1,400.00	1,388.92	1,370.94	1,351.30	5.44	5.75	80.95	-247.24	149.23	231.99	220.28	11.71	19.816		
1,500.00	1,487.60	1,469.90	1,447.35	5.74	6.15	80.61	-263.32	166.84	246.31	233.99	12.32	19.998		
1,600.00	1,586.28	1,568.86	1,543.39	6.04	6.55	80.31	-279.39	184.44	260.63	247.68	12.95	20.127		
1,700.00	1,684.96	1,667.82	1,639.44	6.36	6.97	80.04	-295.47	202.05	274.96	261.37	13.60	20.223		
1,800.00	1,783.64	1,766.78	1,735.48	6.68	7.39	79.79	-311.54	219.65	289.30	275.04	14.26	20.293		
1,900.00	1,882.32	1,865.74	1,831.53	6.86	7.69	79.57	-327.62	237.26	303.64	289.36	14.29	21.253		
2,000.00	1,981.00	1,964.70	1,927.57	6.89	7.81	79.37	-343.69	254.86	317.99	303.58	14.41	22.067		
2,100.00	2,079.68	2,063.66	2,023.62	6.95	7.88	79.19	-359.77	272.47	332.34	317.83	14.51	22.906		
2,200.00	2,178.36	2,162.62	2,119.66	7.01	7.97	79.02	-375.84	290.07	346.69	332.05	14.64	23.680		
2,300.00	2,277.04	2,261.58	2,215.71	7.10	8.08	78.86	-391.92	307.68	361.05	346.24	14.81	24.386		
2,400.00	2,375.72	2,360.54	2,311.76	7.20	8.21	78.72	-407.99	325.28	375.40	360.40	15.00	25.024		
2,500.00	2,474.40	2,459.50	2,407.80	7.31	8.36	78.58	-424.07	342.88	389.76	374.53	15.23	25.594		
2,600.00	2,573.08	2,558.46	2,503.85	7.43	8.52	78.46	-440.14	360.49	404.12	388.64	15.48	26.099		
2,700.00	2,671.76	2,657.42	2,599.89	7.57	8.70	78.35	-456.22	378.09	418.49	402.72	15.77	26.541		
2,800.00	2,770.44	2,756.38	2,695.94	7.72	8.89	78.24	-472.29	395.70	432.85	416.78	16.08	26.925		
2,900.00	2,869.12	2,855.34	2,791.98	7.89	9.09	78.14	-488.37	413.30	447.22	430.81	16.41	27.254		
3,000.00	2,967.80	2,954.29	2,888.03	8.06	9.31	78.04	-504.45	430.91	461.59	444.82	16.77	27.532		
3,100.00	3,066.48	3,053.25	2,984.07	8.24	9.55	77.96	-520.52	448.51	475.96	458.81	17.14	27.765		
3,200.00	3,165.16	3,152.21	3,080.12	8.43	9.79	77.87	-536.60	466.12	490.33	472.79	17.54	27.955		
3,300.00	3,263.84	3,251.17	3,176.16	8.64	10.04	77.79	-552.67	483.72	504.70	486.74	17.96	28.109		
3,400.00	3,362.52	3,350.13	3,272.21	8.84	10.30	77.72	-568.75	501.33	519.07	500.68	18.39	28.229		
3,500.00	3,461.20	3,449.09	3,368.25	9.06	10.57	77.65	-584.82	518.93	533.44	514.60	18.84	28.319		
3,600.00	3,559.88	3,548.05	3,464.30	9.29	10.85	77.58	-600.90	536.54	547.81	528.51	19.30	28.384		
3,700.00	3,658.56	3,647.01	3,560.34	9.52	11.14	77.52	-616.97	554.14	562.19	542.41	19.78	28.426		
3,800.00	3,757.24	3,745.97	3,656.39	9.75	11.43	77.46	-633.05	571.75	576.56	556.29	20.27	28.448		
3,900.00	3,855.92	3,844.93	3,752.43	9.99	11.74	77.40	-649.12	589.35	590.94	570.17	20.77	28.453		
4,000.00	3,954.60	3,943.89	3,848.48	10.24	12.04	77.35	-665.20	606.96	605.31	584.03	21.28	28.444		
4,100.00	4,053.28	4,042.85	3,944.52	10.49	12.35	77.30	-681.27	624.56	619.69	597.88	21.80	28.421		
4,200.00	4,151.96	4,141.81	4,040.57	10.75	12.67	77.25	-697.35	642.17	634.06	611.73	22.34	28.388		
4,300.00	4,250.64	4,240.77	4,136.61	11.01	12.99	77.20	-713.42	659.77	648.44	625.56	22.88	28.345		
4,400.00	4,349.32	4,339.73	4,232.66	11.28	13.32	77.15	-729.50	677.38	662.82	639.39	23.43	28.295		
4,500.00	4,448.00	4,438.69	4,328.70	11.55	13.65	77.11	-745.58	694.98	677.20	653.21	23.98	28.238		
4,600.00	4,546.68	4,537.65	4,424.75	11.82	13.98	77.07	-761.65	712.58	691.57	667.03	24.55	28.176		
4,700.00	4,645.36	4,636.61	4,520.80	12.09	14.32	77.03	-777.73	730.19	705.95	680.84	25.12	28.109		
4,800.00	4,744.04	4,735.57	4,616.84	12.37	14.66	76.99	-793.80	747.79	720.33	694.64	25.69	28.038		
4,900.00	4,842.72	4,834.53	4,712.89	12.65	15.01	76.95	-809.88	765.40	734.71	708.44	26.27	27.965		
5,000.00	4,941.40	4,933.49	4,808.93	12.94	15.35	76.92	-825.95	783.00	749.09	722.23	26.86	27.889		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,032.45	4,904.98	13.22	15.70	76.89	-842.03	800.61	763.47	736.02	27.45	27.812		
5,200.00	5,138.76	5,131.41	5,001.02	13.51	16.06	76.85	-858.10	818.21	777.85	749.80	28.05	27.733		
5,300.00	5,237.44	5,230.37	5,097.07	13.80	16.41	76.82	-874.18	835.82	792.23	763.58	28.65	27.653		
5,400.00	5,336.12	5,329.33	5,193.11	14.10	16.77	76.79	-890.25	853.42	806.61	777.36	29.25	27.573		
5,500.00	5,434.80	5,428.29	5,289.16	14.39	17.13	76.76	-906.33	871.03	820.99	791.13	29.86	27.492		
5,600.00	5,533.48	5,527.25	5,385.20	14.69	17.49	76.73	-922.40	888.63	835.37	804.90	30.47	27.412		
5,700.00	5,632.16	5,626.21	5,481.25	14.98	17.85	76.71	-938.48	906.24	849.75	818.66	31.09	27.332		
5,800.00	5,730.84	5,725.17	5,577.29	15.28	18.22	76.68	-954.55	923.84	864.13	832.43	31.71	27.252		
5,900.00	5,829.52	5,824.13	5,673.34	15.59	18.58	76.65	-970.63	941.45	878.52	846.18	32.33	27.172		
6,000.00	5,928.20	5,923.09	5,769.38	15.89	18.95	76.63	-986.71	959.05	892.90	859.94	32.96	27.094		
6,100.00	6,026.87	6,022.05	5,865.43	16.19	19.32	76.60	-1,002.78	976.66	907.28	873.70	33.58	27.016		
6,200.00	6,125.55	6,121.01	5,961.47	16.50	19.69	76.58	-1,018.86	994.26	921.66	887.45	34.21	26.939		
6,300.00	6,224.23	6,219.97	6,057.52	16.80	20.06	76.56	-1,034.93	1,011.87	936.04	901.20	34.85	26.863		
6,400.00	6,322.91	6,318.93	6,153.56	17.11	20.43	76.54	-1,051.01	1,029.47	950.43	914.95	35.48	26.788		
6,500.00	6,421.59	6,417.89	6,249.61	17.42	20.81	76.52	-1,067.08	1,047.08	964.81	928.69	36.12	26.714		
6,600.00	6,520.27	6,516.85	6,345.65	17.73	21.18	76.50	-1,083.16	1,064.68	979.19	942.44	36.76	26.641		
6,700.00	6,619.08	6,618.99	6,444.89	18.02	21.54	73.17	-1,099.77	1,082.29	993.62	956.25	37.37	26.586		
6,800.00	6,718.91	6,731.49	6,555.55	18.18	21.77	-70.16	-1,118.43	1,087.69	1,008.20	970.39	37.81	26.666		
6,900.00	6,817.97	6,844.19	6,665.58	18.28	21.92	-86.61	-1,137.17	1,073.24	1,022.53	984.44	38.09	26.842		
7,000.00	6,913.82	6,956.73	6,771.21	18.32	22.00	-87.74	-1,155.34	1,039.42	1,036.28	998.03	38.25	27.091		
7,100.00	7,004.10	7,068.77	6,868.89	18.32	22.01	-87.28	-1,172.33	987.54	1,049.11	1,010.79	38.31	27.383		
7,200.00	7,086.58	7,179.98	6,955.48	18.29	21.97	-86.37	-1,187.59	919.68	1,060.72	1,022.39	38.33	27.670		
7,300.00	7,159.23	7,290.03	7,028.40	18.27	21.90	-85.30	-1,200.67	838.49	1,070.87	1,032.49	38.38	27.900		
7,400.00	7,220.27	7,398.65	7,085.80	18.29	21.81	-84.21	-1,211.22	747.03	1,079.32	1,040.79	38.53	28.016		
7,500.00	7,268.20	7,505.60	7,126.53	18.37	21.71	-83.16	-1,219.01	648.58	1,085.89	1,047.07	38.82	27.972		
7,600.00	7,301.82	7,610.72	7,150.18	18.53	21.61	-82.21	-1,223.95	546.40	1,090.47	1,051.16	39.31	27.741		
7,700.00	7,320.33	7,713.79	7,156.98	18.79	21.55	-81.39	-1,226.05	443.68	1,092.94	1,052.96	39.98	27.339		
7,800.00	7,323.82	7,813.62	7,156.02	19.15	21.57	-81.12	-1,226.80	343.86	1,093.43	1,052.60	40.83	26.777		
7,900.00	7,323.12	7,913.62	7,155.06	19.64	21.77	-81.11	-1,227.56	243.87	1,093.38	1,051.45	41.93	26.078		
8,000.00	7,322.42	8,013.62	7,154.11	20.26	22.21	-81.09	-1,228.32	143.88	1,093.32	1,050.07	43.25	25.278		
8,100.00	7,321.72	8,113.62	7,153.15	21.00	22.88	-81.08	-1,229.08	43.89	1,093.27	1,048.48	44.79	24.411		
8,200.00	7,321.02	8,213.62	7,152.19	21.85	23.71	-81.06	-1,229.84	-56.11	1,093.21	1,046.70	46.51	23.505		
8,300.00	7,320.32	8,313.62	7,151.23	22.79	24.66	-81.05	-1,230.60	-156.10	1,093.16	1,044.76	48.40	22.585		
8,400.00	7,319.62	8,413.62	7,150.28	23.81	25.69	-81.03	-1,231.36	-256.09	1,093.10	1,042.66	50.44	21.670		
8,500.00	7,318.92	8,513.62	7,149.32	24.91	26.80	-81.02	-1,232.12	-356.08	1,093.05	1,040.43	52.61	20.774		
8,600.00	7,318.22	8,613.62	7,148.36	26.06	27.96	-81.01	-1,232.88	-456.08	1,092.99	1,038.09	54.90	19.908		
8,700.00	7,317.52	8,713.62	7,147.40	27.27	29.17	-80.99	-1,233.64	-556.07	1,092.94	1,035.65	57.29	19.076		
8,800.00	7,316.82	8,813.62	7,146.45	28.53	30.42	-80.98	-1,234.40	-656.06	1,092.88	1,033.11	59.77	18.284		
8,900.00	7,316.12	8,913.62	7,145.49	29.83	31.72	-80.96	-1,235.16	-756.05	1,092.83	1,030.50	62.33	17.533		
9,000.00	7,315.42	9,013.62	7,144.53	31.17	33.04	-80.95	-1,235.92	-856.04	1,092.77	1,027.82	64.96	16.823		
9,100.00	7,314.72	9,113.62	7,143.57	32.53	34.40	-80.94	-1,236.68	-956.04	1,092.72	1,025.08	67.64	16.154		
9,200.00	7,314.02	9,213.62	7,142.62	33.93	35.78	-80.92	-1,237.44	-1,056.03	1,092.67	1,022.28	70.39	15.524		
9,300.00	7,313.32	9,313.62	7,141.66	35.35	37.18	-80.91	-1,238.20	-1,156.02	1,092.61	1,019.44	73.17	14.932		
9,400.00	7,312.62	9,413.62	7,140.70	36.79	38.61	-80.89	-1,238.96	-1,256.01	1,092.56	1,016.55	76.01	14.375		
9,500.00	7,311.92	9,513.62	7,139.74	38.24	40.05	-80.88	-1,239.72	-1,356.00	1,092.50	1,013.63	78.87	13.851		
9,600.00	7,311.22	9,613.62	7,138.79	39.72	41.51	-80.87	-1,240.48	-1,456.00	1,092.45	1,010.67	81.78	13.359		
9,700.00	7,310.52	9,713.61	7,137.83	41.21	42.99	-80.85	-1,241.24	-1,555.99	1,092.39	1,007.68	84.71	12.896		
9,800.00	7,309.82	9,813.61	7,136.87	42.72	44.48	-80.84	-1,242.00	-1,655.98	1,092.34	1,004.67	87.67	12.460		
9,900.00	7,309.12	9,913.61	7,135.91	44.23	45.98	-80.82	-1,242.76	-1,755.97	1,092.29	1,001.63	90.65	12.049		
10,000.00	7,308.42	10,013.61	7,134.96	45.76	47.50	-80.81	-1,243.52	-1,855.97	1,092.23	998.57	93.66	11.662		
10,100.00	7,307.72	10,113.61	7,134.00	47.30	49.02	-80.79	-1,244.28	-1,955.96	1,092.18	995.49	96.69	11.296		
10,200.00	7,307.02	10,213.61	7,133.04	48.85	50.55	-80.78	-1,245.04	-2,055.95	1,092.13	992.39	99.73	10.951		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 25N-1B-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	7,306.32	10,313.61	7,132.08	50.40	52.09	-80.77	-1,245.80	-2,155.94	1,092.07	989.28	102.79	10.624		
10,400.00	7,305.62	10,413.61	7,131.13	51.96	53.64	-80.75	-1,246.56	-2,255.93	1,092.02	986.15	105.87	10.315		
10,500.00	7,304.92	10,513.61	7,130.17	53.53	55.20	-80.74	-1,247.32	-2,355.93	1,091.96	983.01	108.96	10.022		
10,600.00	7,304.22	10,613.61	7,129.21	55.11	56.76	-80.72	-1,248.08	-2,455.92	1,091.91	979.85	112.06	9.744		
10,700.00	7,303.52	10,713.61	7,128.25	56.69	58.33	-80.71	-1,248.84	-2,555.91	1,091.86	976.68	115.17	9.480		
10,800.00	7,302.82	10,813.61	7,127.30	58.28	59.90	-80.70	-1,249.60	-2,655.90	1,091.80	973.51	118.30	9.229		
10,900.00	7,302.12	10,913.61	7,126.34	59.87	61.48	-80.68	-1,250.36	-2,755.89	1,091.75	970.32	121.43	8.991		
11,000.00	7,301.42	11,013.61	7,125.38	61.46	63.06	-80.67	-1,251.12	-2,855.89	1,091.70	967.12	124.57	8.763		
11,100.00	7,300.72	11,113.61	7,124.42	63.06	64.65	-80.65	-1,251.88	-2,955.88	1,091.64	963.92	127.73	8.547		
11,200.00	7,300.02	11,213.61	7,123.47	64.67	66.24	-80.64	-1,252.64	-3,055.87	1,091.59	960.71	130.88	8.340		
11,300.00	7,299.32	11,313.61	7,122.51	66.27	67.84	-80.62	-1,253.40	-3,155.86	1,091.54	957.49	134.05	8.143		
11,400.00	7,298.62	11,413.61	7,121.55	67.88	69.44	-80.61	-1,254.16	-3,255.86	1,091.49	954.26	137.22	7.954		
11,500.00	7,297.93	11,513.61	7,120.59	69.50	71.04	-80.60	-1,254.92	-3,355.85	1,091.43	951.03	140.40	7.774		
11,600.00	7,297.23	11,613.61	7,119.64	71.11	72.65	-80.58	-1,255.68	-3,455.84	1,091.38	947.79	143.59	7.601		
11,700.00	7,296.53	11,713.61	7,118.68	72.73	74.26	-80.57	-1,256.43	-3,555.83	1,091.33	944.55	146.78	7.435		
11,800.00	7,295.83	11,813.61	7,117.72	74.35	75.87	-80.55	-1,257.19	-3,655.82	1,091.27	941.30	149.97	7.277		
11,900.00	7,295.13	11,913.61	7,116.76	75.97	77.49	-80.54	-1,257.95	-3,755.82	1,091.22	938.05	153.17	7.124		
12,000.00	7,294.43	12,013.61	7,115.81	77.60	79.10	-80.53	-1,258.71	-3,855.81	1,091.17	934.80	156.37	6.978		
12,100.00	7,293.73	12,113.61	7,114.85	79.23	80.72	-80.51	-1,259.47	-3,955.80	1,091.12	931.54	159.58	6.837		
12,200.00	7,293.03	12,213.61	7,113.89	80.86	82.34	-80.50	-1,260.23	-4,055.79	1,091.06	928.27	162.79	6.702		
12,300.00	7,292.33	12,313.60	7,112.94	82.49	83.97	-80.48	-1,260.99	-4,155.78	1,091.01	925.00	166.01	6.572		
12,400.00	7,291.63	12,413.60	7,111.98	84.12	85.59	-80.47	-1,261.75	-4,255.78	1,090.96	921.73	169.23	6.447		
12,500.00	7,290.93	12,513.60	7,111.02	85.76	87.22	-80.45	-1,262.51	-4,355.77	1,090.91	918.46	172.45	6.326		
12,600.00	7,290.23	12,613.60	7,110.06	87.39	88.85	-80.44	-1,263.27	-4,455.76	1,090.86	915.18	175.67	6.210		
12,700.00	7,289.53	12,713.60	7,109.11	89.03	90.48	-80.43	-1,264.03	-4,555.75	1,090.80	911.90	178.90	6.097		
12,800.00	7,288.83	12,813.60	7,108.15	90.67	92.11	-80.41	-1,264.79	-4,655.75	1,090.75	908.62	182.13	5.989		
12,900.00	7,288.13	12,913.60	7,107.19	92.31	93.75	-80.40	-1,265.55	-4,755.74	1,090.70	905.34	185.36	5.884		
13,000.00	7,287.43	13,013.60	7,106.23	93.95	95.38	-80.38	-1,266.31	-4,855.73	1,090.65	902.05	188.60	5.783		
13,100.00	7,286.73	13,113.60	7,105.28	95.59	97.02	-80.37	-1,267.07	-4,955.72	1,090.60	898.76	191.84	5.685		
13,200.00	7,286.03	13,213.60	7,104.32	97.24	98.66	-80.36	-1,267.83	-5,055.71	1,090.54	895.47	195.08	5.590		
13,300.00	7,285.33	13,313.60	7,103.36	98.88	100.29	-80.34	-1,268.59	-5,155.71	1,090.49	892.18	198.32	5.499		
13,400.00	7,284.63	13,413.60	7,102.40	100.53	101.93	-80.33	-1,269.35	-5,255.70	1,090.44	888.88	201.56	5.410		
13,500.00	7,283.93	13,513.60	7,101.45	102.17	103.57	-80.31	-1,270.11	-5,355.69	1,090.39	885.58	204.80	5.324		
13,600.00	7,283.23	13,613.60	7,100.49	103.82	105.22	-80.30	-1,270.87	-5,455.68	1,090.34	882.29	208.05	5.241		
13,700.00	7,282.53	13,713.60	7,099.53	105.47	106.86	-80.28	-1,271.63	-5,555.68	1,090.29	878.99	211.30	5.160		
13,800.00	7,281.83	13,813.60	7,098.57	107.12	108.50	-80.27	-1,272.39	-5,655.67	1,090.24	875.69	214.55	5.082		
13,900.00	7,281.13	13,913.60	7,097.62	108.77	110.15	-80.26	-1,273.15	-5,755.66	1,090.18	872.38	217.80	5.005		
14,000.00	7,280.43	14,013.60	7,096.66	110.42	111.79	-80.24	-1,273.91	-5,855.65	1,090.13	869.08	221.05	4.932		
14,100.00	7,279.73	14,113.60	7,095.70	112.07	113.44	-80.23	-1,274.67	-5,955.64	1,090.08	865.77	224.31	4.860		
14,200.00	7,279.03	14,213.60	7,094.74	113.72	115.09	-80.21	-1,275.43	-6,055.64	1,090.03	862.47	227.56	4.790		
14,300.00	7,278.33	14,313.60	7,093.79	115.37	116.74	-80.20	-1,276.19	-6,155.63	1,089.98	859.16	230.82	4.722		
14,400.00	7,277.63	14,413.60	7,092.83	117.03	118.39	-80.18	-1,276.95	-6,255.62	1,089.93	855.85	234.08	4.656		
14,500.00	7,276.93	14,513.60	7,091.87	118.68	120.03	-80.17	-1,277.71	-6,355.61	1,089.88	852.54	237.33	4.592		
14,600.00	7,276.23	14,613.60	7,090.91	120.33	121.68	-80.16	-1,278.47	-6,455.60	1,089.83	849.23	240.59	4.530		
14,700.00	7,275.53	14,713.60	7,089.96	121.99	123.34	-80.14	-1,279.23	-6,555.60	1,089.78	845.92	243.85	4.469		
14,800.00	7,274.83	14,813.60	7,089.00	123.64	124.99	-80.13	-1,279.99	-6,655.59	1,089.73	842.61	247.12	4.410		
14,900.00	7,274.13	14,913.60	7,088.04	125.30	126.64	-80.11	-1,280.75	-6,755.58	1,089.67	839.30	250.38	4.352		
15,000.00	7,273.43	15,013.59	7,087.08	126.96	128.29	-80.10	-1,281.51	-6,855.57	1,089.62	835.98	253.64	4.296		
15,100.00	7,272.74	15,113.59	7,086.13	128.61	129.94	-80.08	-1,282.27	-6,955.57	1,089.57	832.67	256.90	4.241		
15,200.00	7,272.04	15,213.59	7,085.17	130.27	131.60	-80.07	-1,283.03	-7,055.56	1,089.52	829.36	260.17	4.188		
15,300.00	7,271.34	15,313.59	7,084.21	131.93	133.25	-80.06	-1,283.79	-7,155.55	1,089.47	826.04	263.43	4.136		
15,305.02	7,271.30	15,318.62	7,084.16	132.01	133.33	-80.06	-1,283.82	-7,160.57	1,089.47	825.87	263.60	4.133 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
0.00	0.00	1.00	-1.00	3.28	3.28	-4.52	59.75	-4.73	59.93				
100.00	100.00	101.00	99.00	3.28	3.28	-4.52	59.75	-4.73	59.93	52.40	7.53	7.960	
200.00	200.00	201.00	199.00	3.31	3.31	-4.52	59.75	-4.73	59.93	52.36	7.57	7.913	
200.00	200.00	201.00	199.00	3.31	3.31	-4.52	59.75	-4.73	59.93	52.36	7.57	7.913 CC, ES	
300.00	300.00	298.70	298.70	3.35	3.35	-101.70	59.90	-4.34	60.14	52.48	7.66	7.851	
400.00	399.93	398.08	398.01	3.41	3.41	-101.78	61.14	-1.16	61.84	54.06	7.78	7.945	
500.00	499.68	497.39	497.09	3.50	3.50	-101.91	63.63	5.22	65.25	57.30	7.95	8.204	
600.00	599.13	596.60	595.76	3.61	3.61	-102.06	67.37	14.78	70.36	62.18	8.18	8.606	
700.00	698.15	695.66	693.87	3.75	3.75	-102.21	72.34	27.49	77.17	68.71	8.46	9.122	
800.00	796.84	795.13	791.99	3.93	3.93	-102.23	78.26	42.63	85.16	76.35	8.81	9.669	
900.00	895.52	905.20	890.30	4.13	4.15	-102.21	84.24	57.94	93.20	83.97	9.23	10.098	
1,000.00	994.20	1,005.52	988.62	4.36	4.38	-102.20	90.23	73.25	101.25	91.57	9.68	10.460	
1,100.00	1,092.88	1,105.85	1,086.93	4.61	4.62	-102.19	96.21	88.55	109.29	99.13	10.17	10.751	
1,200.00	1,191.56	1,206.17	1,185.24	4.87	4.89	-102.17	102.19	103.86	117.33	106.65	10.68	10.982	
1,300.00	1,290.24	1,306.49	1,283.55	5.15	5.16	-102.16	108.17	119.17	125.38	114.15	11.23	11.164	
1,400.00	1,388.92	1,393.18	1,381.86	5.44	5.41	-102.16	114.16	134.47	133.42	121.66	11.76	11.345	
1,500.00	1,487.60	1,507.14	1,480.18	5.74	5.75	-102.15	120.14	149.78	141.47	129.08	12.39	11.418	
1,600.00	1,586.28	1,607.47	1,578.49	6.04	6.05	-102.14	126.12	165.09	149.51	136.51	12.99	11.505	
1,700.00	1,684.96	1,707.79	1,676.80	6.36	6.37	-102.13	132.11	180.39	157.55	143.94	13.62	11.572	
1,800.00	1,783.64	1,808.11	1,775.11	6.68	6.68	-102.13	138.09	195.70	165.60	151.36	14.24	11.632	
1,900.00	1,882.32	1,908.44	1,873.42	6.86	6.84	-102.12	144.07	211.00	173.64	159.45	14.19	12.237	
2,000.00	1,981.00	2,008.76	1,971.73	6.89	6.88	-102.12	150.06	226.31	181.68	167.42	14.26	12.738	
2,100.00	2,079.68	2,109.09	2,070.05	6.95	6.93	-102.12	156.04	241.62	189.73	175.36	14.37	13.204	
2,200.00	2,178.36	2,209.41	2,168.36	7.01	7.00	-102.11	162.02	256.92	197.77	183.26	14.50	13.635	
2,300.00	2,277.04	2,309.73	2,266.67	7.10	7.09	-102.11	168.01	272.23	205.81	191.14	14.67	14.029	
2,400.00	2,375.72	2,389.94	2,364.98	7.20	7.17	-102.10	173.99	287.54	213.86	199.01	14.84	14.406	
2,500.00	2,474.40	2,489.62	2,463.29	7.31	7.28	-102.10	179.97	302.84	221.90	206.84	15.06	14.730	
2,600.00	2,573.08	2,589.29	2,561.61	7.43	7.40	-102.10	185.95	318.15	229.94	214.63	15.31	15.019	
2,700.00	2,671.76	2,688.97	2,659.92	7.57	7.53	-102.10	191.94	333.45	237.99	222.41	15.58	15.275	
2,800.00	2,770.44	2,788.65	2,758.23	7.72	7.68	-102.09	197.92	348.76	246.03	230.16	15.88	15.498	
2,900.00	2,869.12	2,888.32	2,856.54	7.89	7.84	-102.09	203.90	364.07	254.07	237.88	16.19	15.691	
3,000.00	2,967.80	2,988.00	2,954.85	8.06	8.01	-102.09	209.89	379.37	262.12	245.59	16.53	15.856	
3,100.00	3,066.48	3,087.67	3,053.17	8.24	8.19	-102.09	215.87	394.68	270.16	253.27	16.89	15.997	
3,200.00	3,165.16	3,187.35	3,151.48	8.43	8.37	-102.08	221.85	409.99	278.20	260.94	17.27	16.114	
3,300.00	3,263.84	3,287.03	3,249.79	8.64	8.57	-102.08	227.84	425.29	286.25	268.59	17.66	16.210	
3,400.00	3,362.52	3,386.70	3,348.10	8.84	8.78	-102.08	233.82	440.60	294.29	276.22	18.07	16.287	
3,500.00	3,461.20	3,486.38	3,446.41	9.06	8.99	-102.08	239.80	455.91	302.33	283.84	18.49	16.347	
3,600.00	3,559.88	3,586.05	3,544.72	9.29	9.21	-102.08	245.79	471.21	310.38	291.44	18.93	16.393	
3,700.00	3,658.56	3,685.73	3,643.04	9.52	9.43	-102.08	251.77	486.52	318.42	299.04	19.39	16.426	
3,800.00	3,757.24	3,785.41	3,741.35	9.75	9.66	-102.07	257.75	501.82	326.47	306.62	19.85	16.447	
3,900.00	3,855.92	3,885.08	3,839.66	9.99	9.90	-102.07	263.73	517.13	334.51	314.18	20.33	16.458	
4,000.00	3,954.60	3,984.76	3,937.97	10.24	10.14	-102.07	269.72	532.44	342.55	321.74	20.81	16.460	
4,100.00	4,053.28	4,084.43	4,036.28	10.49	10.39	-102.07	275.70	547.74	350.60	329.29	21.31	16.455	
4,200.00	4,151.96	4,184.11	4,134.60	10.75	10.64	-102.07	281.68	563.05	358.64	336.83	21.81	16.443	
4,300.00	4,250.64	4,283.79	4,232.91	11.01	10.90	-102.07	287.67	578.36	366.68	344.36	22.32	16.425	
4,400.00	4,349.32	4,383.46	4,331.22	11.28	11.16	-102.07	293.65	593.66	374.73	351.88	22.85	16.403	
4,500.00	4,448.00	4,483.14	4,429.53	11.55	11.42	-102.07	299.63	608.97	382.77	359.40	23.37	16.376	
4,600.00	4,546.68	4,582.81	4,527.84	11.82	11.69	-102.07	305.62	624.27	390.81	366.90	23.91	16.346	
4,700.00	4,645.36	4,682.49	4,626.15	12.09	11.96	-102.06	311.60	639.58	398.86	374.41	24.45	16.313	
4,800.00	4,744.04	4,782.16	4,724.47	12.37	12.23	-102.06	317.58	654.89	406.90	381.90	25.00	16.278	
4,900.00	4,842.72	4,881.84	4,822.78	12.65	12.51	-102.06	323.57	670.19	414.94	389.39	25.55	16.241	
5,000.00	4,941.40	4,981.52	4,921.09	12.94	12.79	-102.06	329.55	685.50	422.99	396.88	26.11	16.202	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,081.19	5,019.40	13.22	13.07	-102.06	335.53	700.81	431.03	404.36	26.67	16.161		
5,200.00	5,138.76	5,180.87	5,117.71	13.51	13.35	-102.06	341.51	716.11	439.07	411.84	27.24	16.120		
5,300.00	5,237.44	5,280.54	5,216.03	13.80	13.64	-102.06	347.50	731.42	447.12	419.31	27.81	16.078		
5,400.00	5,336.12	5,380.22	5,314.34	14.10	13.93	-102.06	353.48	746.73	455.16	426.78	28.38	16.035		
5,500.00	5,434.80	5,479.90	5,412.65	14.39	14.22	-102.06	359.46	762.03	463.20	434.24	28.96	15.992		
5,600.00	5,533.48	5,579.57	5,510.96	14.69	14.51	-102.06	365.45	777.34	471.25	441.70	29.55	15.949		
5,700.00	5,632.16	5,679.25	5,609.27	14.98	14.80	-102.06	371.43	792.64	479.29	449.16	30.13	15.906		
5,800.00	5,730.84	5,778.92	5,707.59	15.28	15.09	-102.06	377.41	807.95	487.34	456.61	30.72	15.862		
5,900.00	5,829.52	5,878.60	5,805.90	15.59	15.39	-102.06	383.40	823.26	495.38	464.06	31.31	15.819		
6,000.00	5,928.20	5,978.28	5,904.21	15.89	15.69	-102.06	389.38	838.56	503.42	471.51	31.91	15.776		
6,100.00	6,026.87	6,077.95	6,002.52	16.19	15.99	-102.05	395.36	853.87	511.47	478.96	32.51	15.734		
6,200.00	6,125.55	6,177.63	6,100.83	16.50	16.29	-102.05	401.35	869.18	519.51	486.40	33.11	15.691		
6,300.00	6,224.23	6,277.30	6,199.14	16.80	16.59	-102.05	407.33	884.48	527.55	493.84	33.71	15.650		
6,400.00	6,322.91	6,376.98	6,297.46	17.11	16.89	-102.05	413.31	899.79	535.60	501.28	34.32	15.608		
6,500.00	6,421.59	6,476.66	6,395.77	17.42	17.19	-102.05	419.29	915.09	543.64	508.72	34.92	15.567		
6,600.00	6,520.27	6,576.33	6,494.08	17.73	17.50	-102.05	425.28	930.40	551.68	516.15	35.53	15.527		
6,700.00	6,619.08	6,676.00	6,592.38	18.02	17.80	-105.93	431.26	945.71	559.66	523.53	36.13	15.492		
6,800.00	6,718.91	6,768.14	6,684.00	18.18	18.00	109.29	436.82	952.86	567.39	530.91	36.48	15.552		
6,900.00	6,817.97	6,861.16	6,776.55	18.28	18.13	91.39	442.41	946.59	575.13	538.42	36.71	15.666		
7,000.00	6,913.82	6,955.02	6,868.02	18.32	18.21	88.86	447.91	926.64	582.73	545.89	36.84	15.820		
7,100.00	7,004.10	7,049.92	6,956.51	18.32	18.24	87.99	453.21	893.00	590.02	553.14	36.88	16.000		
7,200.00	7,086.58	7,146.02	7,040.03	18.29	18.24	87.69	458.17	845.92	596.86	559.99	36.87	16.188		
7,300.00	7,159.23	7,243.46	7,116.52	18.27	18.23	87.71	462.69	785.88	603.10	566.24	36.87	16.359		
7,400.00	7,220.27	7,342.38	7,183.90	18.29	18.23	87.93	466.63	713.71	608.61	571.69	36.93	16.482		
7,500.00	7,268.20	7,442.86	7,240.10	18.37	18.29	88.29	469.87	630.60	613.25	576.15	37.10	16.528		
7,600.00	7,301.82	7,544.96	7,283.13	18.53	18.43	88.78	472.30	538.16	616.90	579.45	37.45	16.473		
7,700.00	7,320.33	7,648.68	7,311.18	18.79	18.69	89.36	473.81	438.44	619.45	581.46	37.99	16.306		
7,800.00	7,323.82	7,754.00	7,322.76	19.15	19.06	89.99	474.31	333.88	620.83	582.10	38.72	16.032		
7,900.00	7,323.12	7,855.27	7,322.52	19.64	19.55	90.03	474.09	232.61	621.47	581.76	39.71	15.649		
8,000.00	7,322.42	7,955.27	7,321.93	20.26	20.16	90.04	473.87	132.62	622.10	581.16	40.94	15.194		
8,100.00	7,321.72	8,055.26	7,321.33	21.00	20.88	90.05	473.64	32.62	622.73	580.32	42.40	14.686		
8,200.00	7,321.02	8,155.26	7,320.73	21.85	21.70	90.06	473.41	-67.37	623.35	579.28	44.07	14.143		
8,300.00	7,320.32	8,255.26	7,320.14	22.79	22.62	90.07	473.18	-167.37	623.98	578.05	45.93	13.585		
8,400.00	7,319.62	8,355.26	7,319.54	23.81	23.62	90.08	472.95	-267.37	624.61	576.65	47.95	13.026		
8,500.00	7,318.92	8,455.26	7,318.95	24.91	24.69	90.09	472.72	-367.36	625.23	575.12	50.12	12.475		
8,600.00	7,318.22	8,555.25	7,318.35	26.06	25.83	90.10	472.49	-467.36	625.86	573.45	52.41	11.942		
8,700.00	7,317.52	8,655.25	7,317.75	27.27	27.02	90.11	472.26	-567.35	626.49	571.68	54.81	11.430		
8,800.00	7,316.82	8,755.25	7,317.16	28.53	28.26	90.12	472.03	-667.35	627.11	569.81	57.31	10.943		
8,900.00	7,316.12	8,855.25	7,316.56	29.83	29.54	90.13	471.80	-767.35	627.74	567.85	59.89	10.482		
9,000.00	7,315.42	8,955.25	7,315.97	31.17	30.86	90.14	471.57	-867.34	628.37	565.82	62.54	10.047		
9,100.00	7,314.72	9,055.24	7,315.37	32.53	32.21	90.15	471.34	-967.34	628.99	563.73	65.26	9.638		
9,200.00	7,314.02	9,155.24	7,314.77	33.93	33.59	90.16	471.11	-1,067.33	629.62	561.58	68.04	9.254		
9,300.00	7,313.32	9,255.24	7,314.18	35.35	35.00	90.17	470.88	-1,167.33	630.25	559.38	70.87	8.893		
9,400.00	7,312.62	9,355.24	7,313.58	36.79	36.43	90.18	470.65	-1,267.33	630.87	557.14	73.74	8.556		
9,500.00	7,311.92	9,455.24	7,312.99	38.24	37.88	90.18	470.42	-1,367.32	631.50	554.85	76.65	8.239		
9,600.00	7,311.22	9,555.23	7,312.39	39.72	39.35	90.19	470.19	-1,467.32	632.13	552.54	79.59	7.942		
9,700.00	7,310.52	9,655.23	7,311.79	41.21	40.83	90.20	469.96	-1,567.31	632.75	550.19	82.57	7.664		
9,800.00	7,309.82	9,755.23	7,311.20	42.72	42.33	90.21	469.73	-1,667.31	633.38	547.81	85.57	7.402		
9,900.00	7,309.12	9,855.23	7,310.60	44.23	43.84	90.22	469.50	-1,767.31	634.01	545.41	88.60	7.156		
10,000.00	7,308.42	9,955.23	7,310.01	45.76	45.36	90.23	469.27	-1,867.30	634.63	542.99	91.65	6.925		
10,100.00	7,307.72	10,055.22	7,309.41	47.30	46.89	90.24	469.04	-1,967.30	635.26	540.54	94.72	6.707		
10,200.00	7,307.02	10,155.22	7,308.81	48.85	48.44	90.25	468.81	-2,067.29	635.89	538.08	97.81	6.501		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28C-1-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	7,306.32	10,255.22	7,308.22	50.40	49.99	90.26	468.58	-2,167.29	636.52	535.60	100.91	6.308		
10,400.00	7,305.62	10,355.22	7,307.62	51.96	51.54	90.27	468.35	-2,267.28	637.14	533.11	104.03	6.124		
10,500.00	7,304.92	10,455.22	7,307.03	53.53	53.11	90.28	468.12	-2,367.28	637.77	530.60	107.17	5.951		
10,600.00	7,304.22	10,555.21	7,306.43	55.11	54.68	90.29	467.90	-2,467.28	638.40	528.08	110.32	5.787		
10,700.00	7,303.52	10,655.21	7,305.83	56.69	56.26	90.29	467.67	-2,567.27	639.02	525.55	113.47	5.631		
10,800.00	7,302.82	10,755.21	7,305.24	58.28	57.84	90.30	467.44	-2,667.27	639.65	523.01	116.64	5.484		
10,900.00	7,302.12	10,855.21	7,304.64	59.87	59.43	90.31	467.21	-2,767.26	640.28	520.45	119.82	5.343		
11,000.00	7,301.42	10,955.21	7,304.05	61.46	61.02	90.32	466.98	-2,867.26	640.90	517.89	123.01	5.210		
11,100.00	7,300.72	11,055.20	7,303.45	63.06	62.62	90.33	466.75	-2,967.26	641.53	515.32	126.21	5.083		
11,200.00	7,300.02	11,155.20	7,302.85	64.67	64.22	90.34	466.52	-3,067.25	642.16	512.74	129.41	4.962		
11,300.00	7,299.32	11,255.20	7,302.26	66.27	65.83	90.35	466.29	-3,167.25	642.78	510.16	132.62	4.847		
11,400.00	7,298.62	11,355.20	7,301.66	67.88	67.43	90.36	466.06	-3,267.24	643.41	507.57	135.84	4.736		
11,500.00	7,297.93	11,455.20	7,301.07	69.50	69.05	90.37	465.83	-3,367.24	644.04	504.97	139.07	4.631		
11,600.00	7,297.23	11,555.19	7,300.47	71.11	70.66	90.37	465.60	-3,467.24	644.67	502.37	142.30	4.530		
11,700.00	7,296.53	11,655.19	7,299.87	72.73	72.28	90.38	465.37	-3,567.23	645.29	499.76	145.53	4.434		
11,800.00	7,295.83	11,755.19	7,299.28	74.35	73.90	90.39	465.14	-3,667.23	645.92	497.15	148.77	4.342		
11,900.00	7,295.13	11,855.19	7,298.68	75.97	75.52	90.40	464.91	-3,767.22	646.55	494.53	152.02	4.253		
12,000.00	7,294.43	11,955.19	7,298.09	77.60	77.14	90.41	464.68	-3,867.22	647.17	491.91	155.27	4.168		
12,100.00	7,293.73	12,055.18	7,297.49	79.23	78.77	90.42	464.45	-3,967.22	647.80	489.28	158.52	4.087		
12,200.00	7,293.03	12,155.18	7,296.89	80.86	80.40	90.43	464.22	-4,067.21	648.43	486.65	161.78	4.008		
12,300.00	7,292.33	12,255.18	7,296.30	82.49	82.03	90.44	463.99	-4,167.21	649.06	484.02	165.04	3.933		
12,400.00	7,291.63	12,355.18	7,295.70	84.12	83.66	90.44	463.76	-4,267.20	649.68	481.38	168.30	3.860		
12,500.00	7,290.93	12,455.18	7,295.11	85.76	85.29	90.45	463.53	-4,367.20	650.31	478.74	171.57	3.790		
12,600.00	7,290.23	12,555.17	7,294.51	87.39	86.93	90.46	463.30	-4,467.20	650.94	476.09	174.84	3.723		
12,700.00	7,289.53	12,655.17	7,293.91	89.03	88.56	90.47	463.07	-4,567.19	651.57	473.45	178.12	3.658		
12,800.00	7,288.83	12,755.17	7,293.32	90.67	90.20	90.48	462.84	-4,667.19	652.19	470.80	181.39	3.595		
12,900.00	7,288.13	12,855.17	7,292.72	92.31	91.84	90.49	462.61	-4,767.18	652.82	468.15	184.67	3.535		
13,000.00	7,287.43	12,955.16	7,292.13	93.95	93.48	90.50	462.38	-4,867.18	653.45	465.49	187.95	3.477		
13,100.00	7,286.73	13,055.16	7,291.53	95.59	95.12	90.51	462.15	-4,967.18	654.07	462.84	191.24	3.420		
13,200.00	7,286.03	13,155.16	7,290.93	97.24	96.77	90.51	461.93	-5,067.17	654.70	460.18	194.52	3.366		
13,300.00	7,285.33	13,255.16	7,290.34	98.88	98.41	90.52	461.70	-5,167.17	655.33	457.52	197.81	3.313		
13,400.00	7,284.63	13,355.16	7,289.74	100.53	100.06	90.53	461.47	-5,267.16	655.96	454.86	201.10	3.262		
13,500.00	7,283.93	13,455.15	7,289.15	102.17	101.70	90.54	461.24	-5,367.16	656.58	452.19	204.39	3.212		
13,600.00	7,283.23	13,555.15	7,288.55	103.82	103.35	90.55	461.01	-5,467.16	657.21	449.52	207.69	3.164		
13,700.00	7,282.53	13,655.15	7,287.95	105.47	105.00	90.56	460.78	-5,567.15	657.84	446.86	210.98	3.118		
13,800.00	7,281.83	13,755.15	7,287.36	107.12	106.65	90.57	460.55	-5,667.15	658.47	444.19	214.28	3.073		
13,900.00	7,281.13	13,855.15	7,286.76	108.77	108.30	90.57	460.32	-5,767.14	659.09	441.52	217.58	3.029		
14,000.00	7,280.43	13,955.14	7,286.17	110.42	109.95	90.58	460.09	-5,867.14	659.72	438.84	220.88	2.987		
14,100.00	7,279.73	14,055.14	7,285.57	112.07	111.60	90.59	459.86	-5,967.13	660.35	436.17	224.18	2.946		
14,200.00	7,279.03	14,155.14	7,284.97	113.72	113.25	90.60	459.63	-6,067.13	660.98	433.49	227.48	2.906		
14,300.00	7,278.33	14,255.14	7,284.38	115.37	114.90	90.61	459.40	-6,167.13	661.60	430.82	230.79	2.867		
14,400.00	7,277.63	14,355.14	7,283.78	117.03	116.55	90.62	459.17	-6,267.12	662.23	428.14	234.09	2.829		
14,500.00	7,276.93	14,455.13	7,283.19	118.68	118.21	90.62	458.94	-6,367.12	662.86	425.46	237.40	2.792		
14,600.00	7,276.23	14,555.13	7,282.59	120.33	119.86	90.63	458.71	-6,467.11	663.49	422.78	240.71	2.756		
14,700.00	7,275.53	14,655.13	7,281.99	121.99	121.52	90.64	458.48	-6,567.11	664.11	420.10	244.01	2.722		
14,800.00	7,274.83	14,755.13	7,281.40	123.64	123.17	90.65	458.25	-6,667.11	664.74	417.42	247.32	2.688		
14,900.00	7,274.13	14,855.13	7,280.80	125.30	124.83	90.66	458.02	-6,767.10	665.37	414.73	250.63	2.655		
15,000.00	7,273.43	14,955.12	7,280.21	126.96	126.49	90.67	457.79	-6,867.10	666.00	412.05	253.95	2.623		
15,100.00	7,272.74	15,055.12	7,279.61	128.61	128.14	90.67	457.56	-6,967.09	666.62	409.37	257.26	2.591		
15,200.00	7,272.04	15,159.43	7,279.01	130.27	129.87	90.68	457.33	-7,067.09	667.25	406.61	260.64	2.560		
15,300.00	7,271.34	15,255.12	7,278.42	131.93	131.46	90.69	457.10	-7,167.09	667.88	403.99	263.89	2.531		
15,305.02	7,271.30	15,260.14	7,278.39	132.01	131.54	90.69	457.09	-7,172.11	667.91	403.86	264.05	2.529 SF		

## Hewlett-Packard

### Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1A-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										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-4.58	79.78	-6.39	80.04				
100.00	100.00	101.00	99.00	3.28	3.28	-4.58	79.78	-6.39	80.04	72.51	7.53	10.631	
200.00	200.00	201.00	199.00	3.31	3.31	-4.58	79.78	-6.39	80.04	72.46	7.57	10.567	
200.00	200.00	201.00	199.00	3.31	3.31	-4.58	79.78	-6.39	80.04	72.46	7.57	10.567	CC, ES
300.00	300.00	298.58	298.57	3.35	3.35	-101.75	79.94	-6.01	80.26	72.60	7.66	10.477	
400.00	399.93	397.69	397.62	3.41	3.41	-101.83	81.26	-2.88	82.03	74.25	7.78	10.540	
500.00	499.68	496.73	496.43	3.50	3.50	-101.95	83.89	3.40	85.60	77.65	7.95	10.763	
600.00	599.13	595.66	594.82	3.61	3.61	-102.10	87.84	12.81	90.94	82.77	8.18	11.124	
700.00	698.15	694.43	692.65	3.75	3.75	-102.26	93.09	25.33	98.06	89.60	8.46	11.595	
800.00	796.84	806.54	790.26	3.93	3.95	-102.06	99.55	40.74	106.59	97.76	8.83	12.072	
900.00	895.52	893.08	888.35	4.13	4.13	-101.65	106.27	56.77	115.31	106.11	9.21	12.523	
1,000.00	994.20	1,007.31	986.43	4.36	4.39	-101.30	112.99	72.80	124.04	114.35	9.69	12.797	
1,100.00	1,092.88	1,107.69	1,084.52	4.61	4.65	-100.99	119.71	88.83	132.77	122.59	10.19	13.035	
1,200.00	1,191.56	1,208.08	1,182.61	4.87	4.92	-100.73	126.44	104.86	141.51	130.80	10.71	13.210	
1,300.00	1,290.24	1,291.54	1,280.69	5.15	5.15	-100.49	133.16	120.89	150.25	139.03	11.22	13.393	
1,400.00	1,388.92	1,408.85	1,378.78	5.44	5.50	-100.28	139.88	136.92	158.99	147.14	11.84	13.423	
1,500.00	1,487.60	1,509.23	1,476.87	5.74	5.81	-100.09	146.60	152.95	167.73	155.29	12.44	13.480	
1,600.00	1,586.28	1,609.61	1,574.96	6.04	6.12	-99.92	153.33	168.99	176.47	163.42	13.06	13.515	
1,700.00	1,684.96	1,710.00	1,673.04	6.36	6.45	-99.77	160.05	185.02	185.22	171.53	13.69	13.532	
1,800.00	1,783.64	1,789.62	1,771.13	6.68	6.71	-99.63	166.77	201.05	193.96	179.70	14.26	13.601	
1,900.00	1,882.32	1,889.23	1,869.22	6.86	6.91	-99.50	173.49	217.08	202.71	188.47	14.25	14.229	
2,000.00	1,981.00	1,988.85	1,967.31	6.89	6.97	-99.38	180.22	233.11	211.46	197.12	14.34	14.747	
2,100.00	2,079.68	2,088.46	2,065.39	6.95	7.03	-99.28	186.94	249.14	220.21	205.76	14.45	15.239	
2,200.00	2,178.36	2,188.08	2,163.48	7.01	7.11	-99.18	193.66	265.17	228.96	214.36	14.60	15.685	
2,300.00	2,277.04	2,287.70	2,261.57	7.10	7.21	-99.09	200.38	281.20	237.71	222.93	14.78	16.085	
2,400.00	2,375.72	2,387.31	2,359.65	7.20	7.33	-99.00	207.11	295.24	246.46	231.47	14.99	16.440	
2,500.00	2,474.40	2,486.93	2,457.74	7.31	7.47	-98.92	213.83	313.27	255.21	239.98	15.24	16.751	
2,600.00	2,573.08	2,586.54	2,555.83	7.43	7.63	-98.85	220.55	329.30	263.96	248.45	15.51	17.019	
2,700.00	2,671.76	2,686.16	2,653.92	7.57	7.80	-98.78	227.27	345.33	272.72	256.90	15.81	17.247	
2,800.00	2,770.44	2,785.77	2,752.00	7.72	7.98	-98.71	234.00	361.36	281.47	265.33	16.14	17.438	
2,900.00	2,869.12	2,885.39	2,850.09	7.89	8.18	-98.65	240.72	377.39	290.22	273.73	16.49	17.595	
3,000.00	2,967.80	2,985.01	2,948.18	8.06	8.39	-98.59	247.44	393.42	298.97	282.10	16.87	17.722	
3,100.00	3,066.48	3,084.62	3,046.26	8.24	8.61	-98.54	254.16	409.45	307.73	290.46	17.27	17.820	
3,200.00	3,165.16	3,184.24	3,144.35	8.43	8.85	-98.49	260.89	425.49	316.48	298.80	17.69	17.894	
3,300.00	3,263.84	3,283.85	3,242.44	8.64	9.09	-98.44	267.61	441.52	325.24	307.11	18.12	17.946	
3,400.00	3,362.52	3,383.47	3,340.53	8.84	9.34	-98.39	274.33	457.55	333.99	315.41	18.58	17.978	
3,500.00	3,461.20	3,483.08	3,438.61	9.06	9.61	-98.35	281.05	473.58	342.74	323.70	19.05	17.995	
3,600.00	3,559.88	3,582.70	3,536.70	9.29	9.88	-98.30	287.78	489.61	351.50	331.97	19.53	17.996	
3,700.00	3,658.56	3,682.32	3,634.79	9.52	10.15	-98.27	294.50	505.64	360.25	340.22	20.03	17.986	
3,800.00	3,757.24	3,781.93	3,732.87	9.75	10.44	-98.23	301.22	521.67	369.01	348.47	20.54	17.964	
3,900.00	3,855.92	3,881.55	3,830.96	9.99	10.73	-98.19	307.94	537.70	377.76	356.70	21.06	17.934	
4,000.00	3,954.60	3,981.16	3,929.05	10.24	11.02	-98.16	314.67	553.74	386.52	364.92	21.60	17.897	
4,100.00	4,053.28	4,080.78	4,027.14	10.49	11.32	-98.12	321.39	569.77	395.28	373.13	22.14	17.853	
4,200.00	4,151.96	4,180.39	4,125.22	10.75	11.63	-98.09	328.11	585.80	404.03	381.34	22.69	17.804	
4,300.00	4,250.64	4,280.01	4,223.31	11.01	11.94	-98.06	334.83	601.83	412.79	389.53	23.26	17.750	
4,400.00	4,349.32	4,379.63	4,321.40	11.28	12.25	-98.03	341.55	617.86	421.54	397.72	23.82	17.693	
4,500.00	4,448.00	4,479.24	4,419.49	11.55	12.57	-98.01	348.28	633.89	430.30	405.90	24.40	17.634	
4,600.00	4,546.68	4,578.86	4,517.57	11.82	12.89	-97.98	355.00	649.92	439.05	414.07	24.99	17.572	
4,700.00	4,645.36	4,678.47	4,615.66	12.09	13.21	-97.95	361.72	665.95	447.81	422.24	25.58	17.509	
4,800.00	4,744.04	4,778.09	4,713.75	12.37	13.54	-97.93	368.44	681.99	456.57	430.40	26.17	17.445	
4,900.00	4,842.72	4,877.70	4,811.83	12.65	13.87	-97.91	375.17	698.02	465.32	438.55	26.77	17.380	
5,000.00	4,941.40	4,977.32	4,909.92	12.94	14.20	-97.88	381.89	714.05	474.08	446.70	27.38	17.315	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1										Offset Site Error:	
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1										Offset Well Error:	
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,040.08	5,076.94	5,008.01	13.22	14.54	-97.86	388.61	730.08	482.84	454.84	27.99	17.249	
5,200.00	5,138.76	5,176.55	5,106.10	13.51	14.88	-97.84	395.33	746.11	491.59	462.98	28.61	17.183	
5,300.00	5,237.44	5,276.17	5,204.18	13.80	15.21	-97.82	402.06	762.14	500.35	471.12	29.23	17.118	
5,400.00	5,336.12	5,375.78	5,302.27	14.10	15.56	-97.80	408.78	778.17	509.11	479.25	29.85	17.054	
5,500.00	5,434.80	5,475.40	5,400.36	14.39	15.90	-97.78	415.50	794.20	517.86	487.38	30.48	16.989	
5,600.00	5,533.48	5,575.01	5,498.44	14.69	16.24	-97.76	422.22	810.24	526.62	495.51	31.11	16.926	
5,700.00	5,632.16	5,674.63	5,596.53	14.98	16.59	-97.74	428.95	826.27	535.38	503.63	31.75	16.863	
5,800.00	5,730.84	5,774.25	5,694.62	15.28	16.94	-97.73	435.67	842.30	544.13	511.75	32.39	16.801	
5,900.00	5,829.52	5,873.86	5,792.71	15.59	17.29	-97.71	442.39	858.33	552.89	519.86	33.03	16.740	
6,000.00	5,928.20	5,973.48	5,890.79	15.89	17.64	-97.69	449.11	874.36	561.65	527.98	33.67	16.680	
6,100.00	6,026.87	6,073.09	5,988.88	16.19	17.99	-97.68	455.84	890.39	570.40	536.09	34.32	16.621	
6,200.00	6,125.55	6,172.71	6,086.97	16.50	18.34	-97.66	462.56	906.42	579.16	544.19	34.97	16.563	
6,300.00	6,224.23	6,272.32	6,185.05	16.80	18.70	-97.65	469.28	922.45	587.92	552.30	35.62	16.507	
6,400.00	6,322.91	6,371.94	6,283.14	17.11	19.05	-97.64	476.00	938.49	596.68	560.40	36.27	16.451	
6,500.00	6,421.59	6,470.76	6,380.75	17.42	19.35	-97.84	482.68	952.12	605.47	568.60	36.86	16.425	
6,600.00	6,520.27	6,566.48	6,476.16	17.73	19.50	-99.25	489.10	952.29	614.69	577.36	37.33	16.467	
6,700.00	6,619.08	6,656.11	6,564.60	18.02	19.59	-105.71	494.94	939.45	625.35	587.64	37.71	16.583	
6,800.00	6,718.91	6,741.49	6,646.39	18.18	19.67	106.27	500.26	915.76	637.56	599.65	37.90	16.820	
6,900.00	6,817.97	6,824.14	6,721.87	18.28	19.74	85.32	505.08	882.59	650.60	612.61	37.99	17.125	
7,000.00	6,913.82	6,904.57	6,790.63	18.32	19.83	79.93	509.38	841.17	663.81	625.80	38.01	17.464	
7,100.00	7,004.10	6,983.25	6,852.32	18.32	19.98	76.47	513.16	792.57	676.59	638.56	38.03	17.793	
7,200.00	7,086.58	7,060.55	6,906.66	18.29	20.23	73.86	516.39	737.76	688.37	650.27	38.11	18.065	
7,300.00	7,159.23	7,136.78	6,953.38	18.27	20.59	71.86	519.06	677.64	698.70	660.37	38.33	18.229	
7,400.00	7,220.27	7,212.25	6,992.25	18.29	21.12	70.38	521.18	613.03	707.17	668.41	38.76	18.244	
7,500.00	7,268.20	7,287.20	7,023.04	18.37	21.81	69.37	522.72	544.77	713.51	674.04	39.47	18.079	
7,600.00	7,301.82	7,361.86	7,045.54	18.53	22.69	68.82	523.68	473.63	717.49	677.03	40.47	17.731	
7,700.00	7,320.33	7,436.45	7,059.58	18.79	23.73	68.71	524.05	400.41	719.02	677.26	41.76	17.217	
7,800.00	7,323.82	7,511.22	7,064.99	19.15	24.89	68.97	523.84	325.89	718.28	674.97	43.31	16.584	
7,815.11	7,323.71	7,534.64	7,065.09	19.22	25.29	68.98	523.77	316.28	718.22	674.45	43.77	16.409	
7,900.00	7,323.12	7,605.71	7,064.06	19.64	26.54	68.95	523.04	231.40	718.37	673.01	45.37	15.835	
8,000.00	7,322.42	7,705.71	7,062.86	20.26	28.49	68.91	522.18	131.42	718.55	670.76	47.80	15.034	
8,100.00	7,321.72	7,805.71	7,061.65	21.00	30.60	68.87	521.33	31.43	718.73	668.25	50.48	14.238	
8,200.00	7,321.02	7,905.71	7,060.44	21.85	32.85	68.83	520.47	-68.56	718.92	665.53	53.38	13.467	
8,300.00	7,320.32	8,005.70	7,059.24	22.79	35.20	68.80	519.61	-168.55	719.10	662.63	56.46	12.736	
8,400.00	7,319.62	8,105.70	7,058.03	23.81	37.64	68.76	518.75	-268.53	719.28	659.57	59.71	12.046	
8,500.00	7,318.92	8,205.70	7,056.83	24.91	40.15	68.72	517.89	-368.52	719.46	656.38	63.08	11.405	
8,600.00	7,318.22	8,305.70	7,055.62	26.06	42.72	68.68	517.04	-468.51	719.64	653.07	66.57	10.811	
8,700.00	7,317.52	8,405.70	7,054.41	27.27	45.34	68.65	516.18	-568.50	719.83	649.68	70.15	10.261	
8,800.00	7,316.82	8,505.70	7,053.21	28.53	48.00	68.61	515.32	-668.49	720.01	646.20	73.81	9.754	
8,900.00	7,316.12	8,605.70	7,052.00	29.83	50.69	68.57	514.46	-768.47	720.19	642.64	77.55	9.287	
9,000.00	7,315.42	8,705.70	7,050.79	31.17	53.41	68.53	513.61	-868.46	720.38	639.03	81.34	8.856	
9,100.00	7,314.72	8,805.69	7,049.59	32.53	56.15	68.49	512.75	-968.45	720.56	635.37	85.19	8.459	
9,200.00	7,314.02	8,905.69	7,048.38	33.93	58.92	68.46	511.89	-1,068.44	720.74	631.67	89.08	8.091	
9,300.00	7,313.32	9,005.69	7,047.18	35.35	61.70	68.42	511.03	-1,168.42	720.93	627.92	93.01	7.751	
9,400.00	7,312.62	9,105.69	7,045.97	36.79	64.50	68.38	510.17	-1,268.41	721.11	624.14	96.98	7.436	
9,500.00	7,311.92	9,205.69	7,044.76	38.24	67.31	68.34	509.32	-1,368.40	721.30	620.33	100.97	7.144	
9,600.00	7,311.22	9,305.69	7,043.56	39.72	70.14	68.31	508.46	-1,468.39	721.48	616.49	104.99	6.872	
9,700.00	7,310.52	9,405.69	7,042.35	41.21	72.98	68.27	507.60	-1,568.37	721.67	612.63	109.04	6.618	
9,800.00	7,309.82	9,505.69	7,041.15	42.72	75.82	68.23	506.74	-1,668.36	721.85	608.75	113.11	6.382	
9,900.00	7,309.12	9,605.68	7,039.94	44.23	78.68	68.20	505.89	-1,768.35	722.04	604.85	117.19	6.161	
10,000.00	7,308.42	9,705.68	7,038.73	45.76	81.54	68.16	505.03	-1,868.34	722.23	600.93	121.30	5.954	
10,100.00	7,307.72	9,805.68	7,037.53	47.30	84.41	68.12	504.17	-1,968.33	722.41	597.00	125.41	5.760	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1A-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													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,307.02	9,905.68	7,036.32	48.85	87.28	68.08	503.31	-2,068.31	722.60	593.06	129.54	5.578		
10,300.00	7,306.32	10,005.68	7,035.11	50.40	90.16	68.05	502.45	-2,168.30	722.79	589.10	133.68	5.407		
10,400.00	7,305.62	10,105.68	7,033.91	51.96	93.05	68.01	501.60	-2,268.29	722.98	585.14	137.84	5.245		
10,500.00	7,304.92	10,205.68	7,032.70	53.53	95.94	67.97	500.74	-2,368.28	723.17	581.17	142.00	5.093		
10,600.00	7,304.22	10,305.67	7,031.50	55.11	98.83	67.93	499.88	-2,468.26	723.35	577.19	146.17	4.949		
10,700.00	7,303.52	10,405.67	7,030.29	56.69	101.73	67.90	499.02	-2,568.25	723.54	573.20	150.35	4.813		
10,800.00	7,302.82	10,505.67	7,029.08	58.28	104.64	67.86	498.17	-2,668.24	723.73	569.20	154.53	4.683		
10,900.00	7,302.12	10,605.67	7,027.88	59.87	107.54	67.82	497.31	-2,768.23	723.92	565.20	158.72	4.561		
11,000.00	7,301.42	10,705.67	7,026.67	61.46	110.45	67.79	496.45	-2,868.22	724.11	561.20	162.91	4.445		
11,100.00	7,300.72	10,805.67	7,025.47	63.06	113.36	67.75	495.59	-2,968.20	724.30	557.19	167.11	4.334		
11,200.00	7,300.02	10,905.67	7,024.26	64.67	116.27	67.71	494.73	-3,068.19	724.49	553.17	171.32	4.229		
11,300.00	7,299.32	11,005.67	7,023.05	66.27	119.19	67.67	493.88	-3,168.18	724.68	549.15	175.53	4.129		
11,400.00	7,298.62	11,105.66	7,021.85	67.88	122.11	67.64	493.02	-3,268.17	724.87	545.13	179.74	4.033		
11,500.00	7,297.93	11,205.66	7,020.64	69.50	125.03	67.60	492.16	-3,368.15	725.06	541.11	183.96	3.942		
11,600.00	7,297.23	11,305.66	7,019.44	71.11	127.95	67.56	491.30	-3,468.14	725.25	537.08	188.17	3.854		
11,700.00	7,296.53	11,405.66	7,018.23	72.73	130.88	67.53	490.45	-3,568.13	725.45	533.05	192.39	3.771		
11,800.00	7,295.83	11,505.66	7,017.02	74.35	133.80	67.49	489.59	-3,668.12	725.64	529.02	196.62	3.691		
11,900.00	7,295.13	11,605.66	7,015.82	75.97	136.73	67.45	488.73	-3,768.11	725.83	524.99	200.84	3.614		
12,000.00	7,294.43	11,705.66	7,014.61	77.60	139.66	67.41	487.87	-3,868.09	726.02	520.96	205.07	3.540		
12,100.00	7,293.73	11,805.66	7,013.40	79.23	142.59	67.38	487.01	-3,968.08	726.22	516.92	209.30	3.470		
12,200.00	7,293.03	11,905.65	7,012.20	80.86	145.52	67.34	486.16	-4,068.07	726.41	512.89	213.52	3.402		
12,300.00	7,292.33	12,005.65	7,010.99	82.49	148.45	67.30	485.30	-4,168.06	726.60	508.85	217.75	3.337		
12,400.00	7,291.63	12,105.65	7,009.79	84.12	151.39	67.27	484.44	-4,268.04	726.80	504.81	221.98	3.274		
12,500.00	7,290.93	12,205.65	7,008.58	85.76	154.32	67.23	483.58	-4,368.03	726.99	500.78	226.22	3.214		
12,600.00	7,290.23	12,305.65	7,007.37	87.39	157.26	67.19	482.73	-4,468.02	727.19	496.74	230.45	3.156		
12,700.00	7,289.53	12,405.65	7,006.17	89.03	160.19	67.16	481.87	-4,568.01	727.38	492.70	234.68	3.099		
12,800.00	7,288.83	12,505.65	7,004.96	90.67	163.13	67.12	481.01	-4,668.00	727.58	488.66	238.91	3.045		
12,900.00	7,288.13	12,605.65	7,003.76	92.31	166.07	67.08	480.15	-4,767.98	727.77	484.62	243.15	2.993		
13,000.00	7,287.43	12,705.64	7,002.55	93.95	169.01	67.05	479.29	-4,867.97	727.97	480.59	247.38	2.943		
13,100.00	7,286.73	12,805.64	7,001.34	95.59	171.95	67.01	478.44	-4,967.96	728.16	476.55	251.61	2.894		
13,200.00	7,286.03	12,905.64	7,000.14	97.24	174.89	66.97	477.58	-5,067.95	728.36	472.51	255.85	2.847		
13,300.00	7,285.33	13,005.64	6,998.93	98.88	177.83	66.94	476.72	-5,167.93	728.56	468.48	260.08	2.801		
13,400.00	7,284.63	13,105.64	6,997.73	100.53	180.78	66.90	475.86	-5,267.92	728.75	464.44	264.31	2.757		
13,500.00	7,283.93	13,205.64	6,996.52	102.17	183.72	66.86	475.01	-5,367.91	728.95	460.41	268.54	2.714		
13,600.00	7,283.23	13,305.64	6,995.31	103.82	186.66	66.83	474.15	-5,467.90	729.15	456.37	272.77	2.673		
13,700.00	7,282.53	13,405.64	6,994.11	105.47	189.61	66.79	473.29	-5,567.89	729.35	452.34	277.01	2.633		
13,800.00	7,281.83	13,505.63	6,992.90	107.12	192.55	66.75	472.43	-5,667.87	729.54	448.31	281.24	2.594		
13,900.00	7,281.13	13,605.63	6,991.69	108.77	195.50	66.72	471.57	-5,767.86	729.74	444.28	285.47	2.556		
14,000.00	7,280.43	13,705.63	6,990.49	110.42	198.44	66.68	470.72	-5,867.85	729.94	440.25	289.69	2.520		
14,100.00	7,279.73	13,805.63	6,989.28	112.07	201.39	66.64	469.86	-5,967.84	730.14	436.22	293.92	2.484		
14,200.00	7,279.03	13,905.63	6,988.08	113.72	204.33	66.61	469.00	-6,067.82	730.34	432.19	298.15	2.450		
14,300.00	7,278.33	14,005.63	6,986.87	115.37	207.28	66.57	468.14	-6,167.81	730.54	428.16	302.38	2.416		
14,400.00	7,277.63	14,105.63	6,985.66	117.03	210.23	66.53	467.29	-6,267.80	730.74	424.14	306.60	2.383		
14,500.00	7,276.93	14,205.62	6,984.46	118.68	213.18	66.50	466.43	-6,367.79	730.94	420.11	310.83	2.352		
14,600.00	7,276.23	14,305.62	6,983.25	120.33	216.13	66.46	465.57	-6,467.78	731.14	416.09	315.05	2.321		
14,700.00	7,275.53	14,405.62	6,982.05	121.99	219.07	66.42	464.71	-6,567.76	731.34	412.07	319.27	2.291		
14,800.00	7,274.83	14,505.62	6,980.84	123.64	222.02	66.39	463.85	-6,667.75	731.54	408.05	323.49	2.261		
14,900.00	7,274.13	14,605.62	6,979.63	125.30	224.97	66.35	463.00	-6,767.74	731.74	404.03	327.71	2.233		
15,000.00	7,273.43	14,705.62	6,978.43	126.96	227.92	66.32	462.14	-6,867.73	731.94	400.01	331.93	2.205		
15,100.00	7,272.74	14,805.62	6,977.22	128.61	230.87	66.28	461.28	-6,967.71	732.15	396.00	336.15	2.178		
15,200.00	7,272.04	14,905.62	6,976.02	130.27	233.82	66.24	460.42	-7,067.70	732.35	391.98	340.37	2.152		
15,300.00	7,271.34	15,005.61	6,974.81	131.93	236.77	66.21	459.57	-7,167.69	732.55	387.97	344.58	2.126		



Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 21C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 21C-1-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design	6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1A-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											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,305.02	7,271.30	15,010.64	6,974.75	132.01	236.92	66.20	459.52	-7,172.71	732.56	387.77	344.79	2.125 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1		Offset Site Error:		0.00 usft										
Survey Program:												0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:		3.28 usft
Reference		Offset		Semi Major Axis			Distance																			
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning													
0.00	0.00	1.00	-1.00	3.28	3.28	-4.66	119.50	-9.73	119.89																	
100.00	100.00	101.00	99.00	3.28	3.28	-4.66	119.50	-9.73	119.89	112.36	7.53	15.924														
200.00	200.00	199.00	199.00	3.31	3.30	-4.66	119.50	-9.73	119.89	112.32	7.57	15.830	CC, ES													
300.00	300.00	296.73	296.71	3.35	3.35	-101.34	120.51	-8.45	120.91	113.25	7.66	15.787														
400.00	399.93	394.31	394.16	3.41	3.41	-100.92	123.58	-4.56	124.45	116.67	7.78	15.993														
500.00	499.68	491.67	491.16	3.50	3.50	-100.74	128.69	1.91	130.57	122.62	7.95	16.424														
600.00	599.13	588.70	587.51	3.61	3.62	-100.78	135.82	10.93	139.26	131.09	8.17	17.047														
700.00	698.15	685.33	683.01	3.75	3.76	-100.98	144.91	22.45	150.50	142.05	8.45	17.817														
800.00	796.84	782.25	778.27	3.93	3.93	-101.14	155.98	36.46	163.97	155.18	8.79	18.660														
900.00	895.52	881.27	875.42	4.13	4.15	-101.07	167.83	51.47	177.97	168.77	9.19	19.362														
1,000.00	994.20	980.28	972.57	4.36	4.39	-101.02	179.69	66.49	191.96	182.32	9.64	19.911														
1,100.00	1,092.88	1,079.30	1,069.72	4.61	4.65	-100.98	191.55	81.50	205.96	195.83	10.13	20.333														
1,200.00	1,191.56	1,178.31	1,166.87	4.87	4.93	-100.94	203.40	96.51	219.95	209.30	10.65	20.652														
1,300.00	1,290.24	1,277.33	1,264.02	5.15	5.22	-100.90	215.26	111.52	233.95	222.75	11.20	20.889														
1,400.00	1,388.92	1,376.34	1,361.17	5.44	5.53	-100.87	227.12	126.54	247.94	236.17	11.77	21.063														
1,500.00	1,487.60	1,475.36	1,458.32	5.74	5.85	-100.84	238.97	141.55	261.94	249.57	12.36	21.184														
1,600.00	1,586.28	1,574.38	1,555.47	6.04	6.18	-100.82	250.83	156.56	275.94	262.96	12.97	21.267														
1,700.00	1,684.96	1,673.39	1,652.62	6.36	6.51	-100.79	262.69	171.58	289.93	276.33	13.60	21.319														
1,800.00	1,783.64	1,772.41	1,749.77	6.68	6.86	-100.77	274.54	186.59	303.93	289.69	14.24	21.348														
1,900.00	1,882.32	1,871.42	1,846.92	6.86	7.09	-100.76	286.40	201.60	317.92	303.68	14.25	22.314														
2,000.00	1,981.00	1,970.44	1,944.07	6.89	7.18	-100.74	298.26	216.62	331.92	317.56	14.36	23.112														
2,100.00	2,079.68	2,069.45	2,041.22	6.95	7.23	-100.72	310.11	231.63	345.92	331.45	14.46	23.918														
2,200.00	2,178.36	2,168.47	2,138.37	7.01	7.30	-100.71	321.97	246.64	359.91	345.32	14.59	24.661														
2,300.00	2,277.04	2,267.49	2,235.52	7.10	7.39	-100.69	333.83	261.66	373.91	359.15	14.76	25.338														
2,400.00	2,375.72	2,366.50	2,332.67	7.20	7.49	-100.68	345.68	276.67	387.90	372.96	14.95	25.949														
2,500.00	2,474.40	2,465.52	2,429.82	7.31	7.61	-100.67	357.54	291.68	401.90	386.73	15.17	26.495														
2,600.00	2,573.08	2,564.53	2,526.97	7.43	7.74	-100.66	369.40	306.70	415.90	400.48	15.42	26.978														
2,700.00	2,671.76	2,663.55	2,624.12	7.57	7.88	-100.65	381.25	321.71	429.89	414.20	15.69	27.401														
2,800.00	2,770.44	2,762.56	2,721.27	7.72	8.04	-100.64	393.11	336.72	443.89	427.90	15.99	27.767														
2,900.00	2,869.12	2,861.58	2,818.42	7.89	8.20	-100.63	404.97	351.74	457.89	441.58	16.31	28.080														
3,000.00	2,967.80	2,960.60	2,915.57	8.06	8.38	-100.62	416.82	366.75	471.88	455.23	16.65	28.344														
3,100.00	3,066.48	3,059.61	3,012.72	8.24	8.57	-100.61	428.68	381.76	485.88	468.87	17.01	28.564														
3,200.00	3,165.16	3,158.63	3,109.87	8.43	8.77	-100.61	440.54	396.78	499.87	482.48	17.39	28.743														
3,300.00	3,263.84	3,257.64	3,207.02	8.64	8.97	-100.60	452.39	411.79	513.87	496.08	17.79	28.886														
3,400.00	3,362.52	3,356.66	3,304.17	8.84	9.19	-100.59	464.25	426.80	527.87	509.66	18.20	28.996														
3,500.00	3,461.20	3,455.67	3,401.32	9.06	9.41	-100.59	476.11	441.81	541.86	523.23	18.64	29.077														
3,600.00	3,559.88	3,554.69	3,498.47	9.29	9.64	-100.58	487.96	456.83	555.86	536.78	19.08	29.133														
3,700.00	3,658.56	3,653.70	3,595.62	9.52	9.87	-100.58	499.82	471.84	569.86	550.32	19.54	29.166														
3,800.00	3,757.24	3,752.72	3,692.77	9.75	10.12	-100.57	511.68	486.85	583.85	563.84	20.01	29.180														
3,900.00	3,855.92	3,851.74	3,789.92	9.99	10.36	-100.57	523.53	501.87	597.85	577.36	20.49	29.177														
4,000.00	3,954.60	3,950.75	3,887.07	10.24	10.62	-100.56	535.39	516.88	611.84	590.86	20.98	29.159														
4,100.00	4,053.28	4,049.77	3,984.22	10.49	10.87	-100.56	547.25	531.89	625.84	604.35	21.49	29.128														
4,200.00	4,151.96	4,148.78	4,081.37	10.75	11.14	-100.55	559.10	546.91	639.84	617.84	22.00	29.087														
4,300.00	4,250.64	4,247.80	4,178.52	11.01	11.41	-100.55	570.96	561.92	653.83	631.32	22.52	29.036														
4,400.00	4,349.32	4,346.81	4,275.67	11.28	11.68	-100.54	582.82	576.93	667.83	644.78	23.05	28.978														
4,500.00	4,448.00	4,445.83	4,372.82	11.55	11.95	-100.54	594.67	591.95	681.83	658.24	23.58	28.913														
4,600.00	4,546.68	4,544.85	4,469.97	11.82	12.23	-100.53	606.53	606.96	695.82	671.70	24.12	28.843														
4,700.00	4,645.36	4,643.86	4,567.12	12.09	12.51	-100.53	618.39	621.97	709.82	685.14	24.67	28.768														
4,800.00	4,744.04	4,742.88	4,664.27	12.37	12.80	-100.53	630.24	636.99	723.81	698.59	25.23	28.690														
4,900.00	4,842.72	4,841.89	4,761.42	12.65	13.09	-100.52	642.10	652.00	737.81	712.02	25.79	28.609														
5,000.00	4,941.40	4,940.91	4,858.57	12.94	13.38	-100.52	653.96	667.01	751.81	725.45	26.36	28.526														
5,100.00	5,040.08	5,039.92	4,955.72	13.22	13.67	-100.52	665.81	682.03	765.80	738.88	26.93	28.440														

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1B-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	5,138.76	5,138.94	5,052.87	13.51	13.97	-100.51	677.67	697.04	779.80	752.30	27.50	28.354		
5,300.00	5,237.44	5,237.96	5,150.02	13.80	14.26	-100.51	689.53	712.05	793.80	765.71	28.08	28.267		
5,400.00	5,336.12	5,336.97	5,247.17	14.10	14.56	-100.51	701.38	727.07	807.79	779.13	28.67	28.179		
5,500.00	5,434.80	5,435.99	5,344.32	14.39	14.86	-100.51	713.24	742.08	821.79	792.54	29.25	28.091		
5,600.00	5,533.48	5,535.00	5,441.47	14.69	15.17	-100.50	725.10	757.09	835.79	805.94	29.85	28.004		
5,700.00	5,632.16	5,634.02	5,538.62	14.98	15.47	-100.50	736.95	772.11	849.78	819.34	30.44	27.916		
5,800.00	5,730.84	5,733.03	5,635.77	15.28	15.78	-100.50	748.81	787.12	863.78	832.74	31.04	27.829		
5,900.00	5,829.52	5,832.05	5,732.92	15.59	16.09	-100.50	760.67	802.13	877.77	846.13	31.64	27.743		
6,000.00	5,928.20	5,931.07	5,830.07	15.89	16.40	-100.49	772.52	817.14	891.77	859.53	32.24	27.657		
6,100.00	6,026.87	6,030.08	5,927.22	16.19	16.71	-100.49	784.38	832.16	905.77	872.92	32.85	27.573		
6,200.00	6,125.55	6,129.10	6,024.37	16.50	17.02	-100.49	796.24	847.17	919.76	886.30	33.46	27.489		
6,300.00	6,224.23	6,228.11	6,121.52	16.80	17.34	-100.49	808.09	862.18	933.76	899.69	34.07	27.406		
6,400.00	6,322.91	6,327.13	6,218.67	17.11	17.65	-100.49	819.95	877.20	947.76	913.07	34.68	27.325		
6,500.00	6,421.59	6,426.14	6,315.82	17.42	17.97	-100.48	831.81	892.21	961.75	926.45	35.30	27.245		
6,600.00	6,520.27	6,525.16	6,412.97	17.73	18.28	-100.48	843.66	907.22	975.75	939.83	35.92	27.165		
6,700.00	6,619.08	6,615.45	6,502.08	18.02	18.51	-104.88	854.50	916.36	990.07	953.66	36.42	27.188		
6,800.00	6,718.91	6,703.49	6,589.35	18.18	18.68	108.91	865.02	913.11	1,004.67	967.95	36.72	27.358		
6,900.00	6,817.97	6,790.97	6,674.82	18.28	18.79	89.62	875.23	897.90	1,019.03	982.12	36.91	27.609		
7,000.00	6,913.82	6,878.16	6,757.16	18.32	18.85	85.75	884.98	871.16	1,032.79	995.79	37.00	27.915		
7,100.00	7,004.10	6,965.31	6,835.08	18.32	18.88	83.64	894.10	833.37	1,045.59	1,008.57	37.02	28.245		
7,200.00	7,086.58	7,052.66	6,907.33	18.29	18.88	82.23	902.46	785.10	1,057.13	1,020.12	37.01	28.562		
7,300.00	7,159.23	7,140.45	6,972.65	18.27	18.85	81.25	909.90	727.03	1,067.15	1,030.13	37.03	28.822		
7,400.00	7,220.27	7,228.88	7,029.81	18.29	18.82	80.62	916.29	659.95	1,075.43	1,038.31	37.12	28.974		
7,500.00	7,268.20	7,318.16	7,077.62	18.37	18.81	80.31	921.49	584.82	1,081.79	1,044.45	37.34	28.975		
7,600.00	7,301.82	7,408.48	7,114.90	18.53	18.85	80.29	925.36	502.72	1,086.11	1,048.39	37.72	28.795		
7,700.00	7,320.33	7,500.01	7,140.54	18.79	18.99	80.56	927.78	414.98	1,088.30	1,050.02	38.28	28.427		
7,800.00	7,323.82	7,592.95	7,153.54	19.15	19.25	81.05	928.63	323.03	1,088.46	1,049.43	39.03	27.889		
7,900.00	7,323.12	7,709.98	7,154.63	19.64	19.76	81.15	928.01	226.00	1,088.39	1,048.29	40.10	27.142		
7,908.07	7,323.06	7,701.90	7,154.57	19.69	19.72	81.15	927.94	217.93	1,088.39	1,048.28	40.10	27.140		
8,000.00	7,322.42	7,809.98	7,153.87	20.26	20.37	81.14	927.15	126.01	1,088.39	1,047.04	41.34	26.327		
8,100.00	7,321.72	7,909.98	7,153.10	21.00	21.11	81.14	926.28	26.01	1,088.38	1,045.58	42.81	25.424		
8,200.00	7,321.02	8,009.98	7,152.34	21.85	21.94	81.14	925.41	-73.98	1,088.38	1,043.90	44.48	24.469		
8,300.00	7,320.32	8,109.98	7,151.58	22.79	22.87	81.13	924.55	-173.97	1,088.38	1,042.05	46.33	23.492		
8,400.00	7,319.62	8,209.98	7,150.82	23.81	23.88	81.13	923.68	-273.97	1,088.38	1,040.04	48.34	22.514		
8,500.00	7,318.92	8,309.98	7,150.05	24.91	24.96	81.13	922.81	-373.96	1,088.38	1,037.89	50.49	21.555		
8,600.00	7,318.22	8,409.98	7,149.29	26.06	26.10	81.12	921.95	-473.95	1,088.38	1,035.61	52.77	20.625		
8,700.00	7,317.52	8,509.98	7,148.53	27.27	27.29	81.12	921.08	-573.95	1,088.38	1,033.23	55.15	19.734		
8,800.00	7,316.82	8,609.98	7,147.76	28.53	28.53	81.12	920.21	-673.94	1,088.38	1,030.75	57.63	18.886		
8,900.00	7,316.12	8,709.98	7,147.00	29.83	29.80	81.11	919.35	-773.93	1,088.38	1,028.19	60.19	18.083		
9,000.00	7,315.42	8,809.98	7,146.24	31.17	31.12	81.11	918.48	-873.93	1,088.38	1,025.56	62.82	17.325		
9,100.00	7,314.72	8,909.98	7,145.48	32.53	32.47	81.11	917.61	-973.92	1,088.38	1,022.86	65.52	16.613		
9,200.00	7,314.02	9,009.98	7,144.71	33.93	33.84	81.10	916.75	-1,073.91	1,088.38	1,020.11	68.27	15.943		
9,300.00	7,313.32	9,109.98	7,143.95	35.35	35.25	81.10	915.88	-1,173.91	1,088.37	1,017.31	71.07	15.315		
9,400.00	7,312.62	9,209.98	7,143.19	36.79	36.67	81.10	915.01	-1,273.90	1,088.37	1,014.46	73.91	14.725		
9,500.00	7,311.92	9,309.98	7,142.43	38.24	38.11	81.09	914.15	-1,373.89	1,088.37	1,011.58	76.79	14.173		
9,600.00	7,311.22	9,409.98	7,141.66	39.72	39.57	81.09	913.28	-1,473.89	1,088.37	1,008.66	79.71	13.654		
9,700.00	7,310.52	9,509.98	7,140.90	41.21	41.05	81.09	912.41	-1,573.88	1,088.37	1,005.71	82.66	13.167		
9,800.00	7,309.82	9,609.98	7,140.14	42.72	42.54	81.08	911.55	-1,673.87	1,088.37	1,002.73	85.64	12.709		
9,900.00	7,309.12	9,709.98	7,139.38	44.23	44.05	81.08	910.68	-1,773.87	1,088.37	999.73	88.64	12.279		
10,000.00	7,308.42	9,809.98	7,138.61	45.76	45.56	81.08	909.81	-1,873.86	1,088.37	996.71	91.66	11.874		
10,100.00	7,307.72	9,909.98	7,137.85	47.30	47.09	81.07	908.95	-1,973.85	1,088.37	993.66	94.70	11.492		
10,200.00	7,307.02	10,009.98	7,137.09	48.85	48.63	81.07	908.08	-2,073.85	1,088.37	990.60	97.77	11.132		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1B-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	7,306.32	10,109.98	7,136.33	50.40	50.17	81.07	907.21	-2,173.84	1,088.37	987.52	100.84	10.793		
10,400.00	7,305.62	10,190.02	7,135.56	51.96	51.42	81.06	906.35	-2,273.83	1,088.37	984.74	103.63	10.503		
10,500.00	7,304.92	10,309.98	7,134.80	53.53	53.29	81.06	905.48	-2,373.83	1,088.37	981.32	107.05	10.167		
10,600.00	7,304.22	10,409.98	7,134.04	55.11	54.85	81.06	904.61	-2,473.82	1,088.36	978.20	110.17	9.879		
10,700.00	7,303.52	10,509.98	7,133.28	56.69	56.43	81.05	903.75	-2,573.81	1,088.36	975.07	113.30	9.606		
10,800.00	7,302.82	10,609.98	7,132.51	58.28	58.00	81.05	902.88	-2,673.81	1,088.36	971.92	116.44	9.347		
10,900.00	7,302.12	10,709.98	7,131.75	59.87	59.59	81.05	902.01	-2,773.80	1,088.36	968.77	119.59	9.101		
11,000.00	7,301.42	10,809.98	7,130.99	61.46	61.18	81.04	901.15	-2,873.79	1,088.36	965.61	122.75	8.866		
11,100.00	7,300.72	10,909.98	7,130.22	63.06	62.77	81.04	900.28	-2,973.79	1,088.36	962.44	125.92	8.643		
11,200.00	7,300.02	11,009.98	7,129.46	64.67	64.37	81.04	899.41	-3,073.78	1,088.36	959.26	129.10	8.430		
11,300.00	7,299.32	11,109.98	7,128.70	66.27	65.97	81.03	898.55	-3,173.77	1,088.36	956.08	132.28	8.227		
11,400.00	7,298.62	11,190.02	7,127.94	67.88	67.25	81.03	897.68	-3,273.77	1,088.36	953.20	135.16	8.053		
11,500.00	7,297.93	11,309.98	7,127.17	69.50	69.18	81.03	896.81	-3,373.76	1,088.36	949.69	138.67	7.848		
11,600.00	7,297.23	11,390.02	7,126.41	71.11	70.47	81.02	895.95	-3,473.75	1,088.36	946.80	141.55	7.689		
11,700.00	7,296.53	11,509.98	7,125.65	72.73	72.40	81.02	895.08	-3,573.75	1,088.36	943.27	145.08	7.502		
11,800.00	7,295.83	11,609.98	7,124.89	74.35	74.02	81.02	894.21	-3,673.74	1,088.36	940.06	148.30	7.339		
11,900.00	7,295.13	11,709.98	7,124.12	75.97	75.64	81.01	893.35	-3,773.73	1,088.36	936.84	151.51	7.183		
12,000.00	7,294.43	11,809.98	7,123.36	77.60	77.26	81.01	892.48	-3,873.73	1,088.35	933.62	154.74	7.034		
12,100.00	7,293.73	11,890.02	7,122.60	79.23	78.56	81.01	891.61	-3,973.72	1,088.35	930.71	157.64	6.904		
12,200.00	7,293.03	12,009.98	7,121.84	80.86	80.51	81.00	890.75	-4,073.71	1,088.35	927.16	161.19	6.752		
12,300.00	7,292.33	12,109.98	7,121.07	82.49	82.13	81.00	889.88	-4,173.71	1,088.35	923.92	164.43	6.619		
12,400.00	7,291.63	12,209.98	7,120.31	84.12	83.76	81.00	889.01	-4,273.70	1,088.35	920.69	167.67	6.491		
12,500.00	7,290.93	12,309.98	7,119.55	85.76	85.39	80.99	888.15	-4,373.69	1,088.35	917.45	170.91	6.368		
12,600.00	7,290.23	12,409.98	7,118.79	87.39	87.03	80.99	887.28	-4,473.69	1,088.35	914.20	174.15	6.249		
12,700.00	7,289.53	12,509.98	7,118.02	89.03	88.66	80.99	886.41	-4,573.68	1,088.35	910.95	177.40	6.135		
12,800.00	7,288.83	12,590.02	7,117.26	90.67	89.97	80.98	885.55	-4,673.67	1,088.35	908.03	180.32	6.036		
12,900.00	7,288.13	12,709.98	7,116.50	92.31	91.93	80.98	884.68	-4,773.67	1,088.35	904.45	183.90	5.918		
13,000.00	7,287.43	12,809.98	7,115.74	93.95	93.57	80.98	883.81	-4,873.66	1,088.35	901.20	187.15	5.815		
13,100.00	7,286.73	12,909.98	7,114.97	95.59	95.21	80.97	882.95	-4,973.65	1,088.35	897.94	190.41	5.716		
13,200.00	7,286.03	13,009.98	7,114.21	97.24	96.85	80.97	882.08	-5,073.65	1,088.35	894.68	193.67	5.620		
13,300.00	7,285.33	13,109.98	7,113.45	98.88	98.49	80.97	881.21	-5,173.64	1,088.35	891.42	196.93	5.527		
13,400.00	7,284.63	13,209.98	7,112.68	100.53	100.14	80.96	880.35	-5,273.63	1,088.35	888.15	200.19	5.436		
13,500.00	7,283.93	13,290.02	7,111.92	102.17	101.45	80.96	879.48	-5,373.63	1,088.35	885.21	203.13	5.358		
13,600.00	7,283.23	13,409.98	7,111.16	103.82	103.42	80.96	878.61	-5,473.62	1,088.34	881.62	206.72	5.265		
13,700.00	7,282.53	13,509.98	7,110.40	105.47	105.07	80.95	877.75	-5,573.61	1,088.34	878.35	209.99	5.183		
13,800.00	7,281.83	13,609.98	7,109.63	107.12	106.72	80.95	876.88	-5,673.61	1,088.34	875.08	213.26	5.103		
13,900.00	7,281.13	13,709.98	7,108.87	108.77	108.36	80.95	876.01	-5,773.60	1,088.34	871.81	216.53	5.026		
14,000.00	7,280.43	13,809.98	7,108.11	110.42	110.01	80.94	875.15	-5,873.59	1,088.34	868.53	219.81	4.951		
14,100.00	7,279.73	13,909.98	7,107.35	112.07	111.66	80.94	874.28	-5,973.59	1,088.34	865.26	223.08	4.879		
14,200.00	7,279.03	14,009.98	7,106.58	113.72	113.31	80.94	873.41	-6,073.58	1,088.34	861.98	226.36	4.808		
14,300.00	7,278.33	14,109.98	7,105.82	115.37	114.96	80.93	872.55	-6,173.57	1,088.34	858.70	229.64	4.739		
14,400.00	7,277.63	14,209.98	7,105.06	117.03	116.61	80.93	871.68	-6,273.57	1,088.34	855.43	232.91	4.673		
14,500.00	7,276.93	14,309.98	7,104.30	118.68	118.26	80.93	870.81	-6,373.56	1,088.34	852.15	236.19	4.608		
14,600.00	7,276.23	14,409.98	7,103.53	120.33	119.92	80.92	869.95	-6,473.55	1,088.34	848.86	239.47	4.545		
14,700.00	7,275.53	14,509.98	7,102.77	121.99	121.57	80.92	869.08	-6,573.55	1,088.34	845.58	242.76	4.483		
14,800.00	7,274.83	14,590.02	7,102.01	123.64	122.89	80.92	868.21	-6,673.54	1,088.34	842.63	245.71	4.429		
14,900.00	7,274.13	14,709.98	7,101.25	125.30	124.88	80.91	867.35	-6,773.53	1,088.34	839.01	249.32	4.365		
15,000.00	7,273.43	14,809.98	7,100.48	126.96	126.53	80.91	866.48	-6,873.53	1,088.34	835.73	252.61	4.308		
15,100.00	7,272.74	14,890.02	7,099.72	128.61	127.86	80.91	865.61	-6,973.52	1,088.34	832.77	255.56	4.259		
15,200.00	7,272.04	14,990.02	7,098.96	130.27	129.51	80.90	864.75	-7,073.51	1,088.33	829.48	258.85	4.204		
15,300.00	7,271.34	15,090.02	7,098.20	131.93	131.17	80.90	863.88	-7,173.51	1,088.33	826.20	262.14	4.152		
15,302.41	7,271.32	15,092.43	7,098.18	131.97	131.21	80.90	863.86	-7,175.91	1,088.33	826.12	262.22	4.151 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 21C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 21C-1-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design	6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,305.02	7,271.30	15,084.51	7,098.24	132.01	131.08	80.90	863.93	-7,168.00	1,088.39	826.22	262.16	4.152	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1C-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	-4.63	99.46	-8.06	99.78					
100.00	100.00	101.00	99.00	3.28	3.28	-4.63	99.46	-8.06	99.78	92.25	7.53	13.253		
200.00	200.00	201.00	199.00	3.31	3.31	-4.63	99.46	-8.06	99.78	92.21	7.57	13.174		
200.00	200.00	201.00	199.00	3.31	3.31	-4.63	99.46	-8.06	99.78	92.21	7.57	13.174	CC, ES	
300.00	300.00	298.26	298.26	3.35	3.35	-101.81	99.66	-7.71	100.05	92.39	7.66	13.061		
400.00	399.93	396.72	396.65	3.41	3.41	-101.97	101.37	-4.83	102.26	94.47	7.78	13.138		
500.00	499.68	495.07	494.77	3.50	3.50	-102.24	104.80	0.95	106.68	98.73	7.95	13.416		
600.00	599.13	593.24	592.42	3.61	3.61	-102.59	109.93	9.61	113.32	105.15	8.17	13.868		
700.00	698.15	691.16	689.42	3.75	3.75	-102.98	116.74	21.10	122.17	113.72	8.45	14.458		
800.00	796.84	789.27	786.11	3.93	3.92	-103.09	125.20	35.38	132.88	124.09	8.79	15.117		
900.00	895.52	888.65	883.90	4.13	4.12	-102.88	134.24	50.64	143.99	134.80	9.19	15.669		
1,000.00	994.20	988.03	981.68	4.36	4.35	-102.71	143.28	65.90	155.11	145.47	9.63	16.099		
1,100.00	1,092.88	1,087.41	1,079.46	4.61	4.60	-102.56	152.32	81.15	166.22	156.10	10.12	16.427		
1,200.00	1,191.56	1,186.79	1,177.25	4.87	4.86	-102.43	161.36	96.41	177.34	166.70	10.64	16.674		
1,300.00	1,290.24	1,286.17	1,275.03	5.15	5.14	-102.31	170.41	111.67	188.46	177.27	11.18	16.855		
1,400.00	1,388.92	1,385.55	1,372.82	5.44	5.44	-102.21	179.45	126.93	199.57	187.82	11.75	16.986		
1,500.00	1,487.60	1,484.93	1,470.60	5.74	5.74	-102.12	188.49	142.18	210.69	198.35	12.34	17.076		
1,600.00	1,586.28	1,584.31	1,568.39	6.04	6.06	-102.03	197.53	157.44	221.81	208.86	12.94	17.136		
1,700.00	1,684.96	1,683.69	1,666.17	6.36	6.38	-101.96	206.57	172.70	232.93	219.36	13.57	17.171		
1,800.00	1,783.64	1,783.07	1,763.95	6.68	6.71	-101.89	215.61	187.96	244.05	229.85	14.20	17.188		
1,900.00	1,882.32	1,882.44	1,861.74	6.86	6.91	-101.83	224.65	203.21	255.17	240.98	14.19	17.982		
2,000.00	1,981.00	1,981.82	1,959.52	6.89	6.98	-101.77	233.69	218.47	266.29	252.00	14.29	18.637		
2,100.00	2,079.68	2,081.20	2,057.31	6.95	7.03	-101.72	242.73	233.73	277.41	263.02	14.39	19.278		
2,200.00	2,178.36	2,180.58	2,155.09	7.01	7.10	-101.67	251.78	248.99	288.53	274.00	14.52	19.868		
2,300.00	2,277.04	2,279.96	2,252.87	7.10	7.18	-101.63	260.82	264.24	299.65	284.96	14.69	20.404		
2,400.00	2,375.72	2,379.34	2,350.66	7.20	7.28	-101.59	269.86	279.50	310.77	295.89	14.88	20.888		
2,500.00	2,474.40	2,478.72	2,448.44	7.31	7.40	-101.55	278.90	294.76	321.89	306.79	15.10	21.320		
2,600.00	2,573.08	2,578.10	2,546.23	7.43	7.52	-101.51	287.94	310.02	333.01	317.67	15.34	21.702		
2,700.00	2,671.76	2,677.48	2,644.01	7.57	7.66	-101.48	296.98	325.27	344.13	328.51	15.62	22.035		
2,800.00	2,770.44	2,776.86	2,741.80	7.72	7.81	-101.44	306.02	340.53	355.25	339.34	15.91	22.323		
2,900.00	2,869.12	2,876.24	2,839.58	7.89	7.97	-101.41	315.06	355.79	366.37	350.14	16.23	22.569		
3,000.00	2,967.80	2,975.62	2,937.36	8.06	8.15	-101.39	324.11	371.05	377.49	360.92	16.57	22.776		
3,100.00	3,066.48	3,075.00	3,035.15	8.24	8.33	-101.36	333.15	386.30	388.62	371.68	16.93	22.948		
3,200.00	3,165.16	3,174.38	3,132.93	8.43	8.52	-101.34	342.19	401.56	399.74	382.42	17.31	23.087		
3,300.00	3,263.84	3,273.76	3,230.72	8.64	8.72	-101.31	351.23	416.82	410.86	393.15	17.71	23.198		
3,400.00	3,362.52	3,373.14	3,328.50	8.84	8.93	-101.29	360.27	432.08	421.98	403.86	18.12	23.282		
3,500.00	3,461.20	3,472.52	3,426.28	9.06	9.15	-101.27	369.31	447.33	433.10	414.55	18.55	23.344		
3,600.00	3,559.88	3,571.90	3,524.07	9.29	9.38	-101.25	378.35	462.59	444.22	425.23	19.00	23.386		
3,700.00	3,658.56	3,671.28	3,621.85	9.52	9.61	-101.23	387.39	477.85	455.35	435.89	19.45	23.409		
3,800.00	3,757.24	3,770.66	3,719.64	9.75	9.84	-101.21	396.44	493.11	466.47	446.55	19.92	23.418		
3,900.00	3,855.92	3,870.03	3,817.42	9.99	10.09	-101.19	405.48	508.36	477.59	457.19	20.40	23.413		
4,000.00	3,954.60	3,969.41	3,915.21	10.24	10.33	-101.18	414.52	523.62	488.71	467.82	20.89	23.396		
4,100.00	4,053.28	4,068.79	4,012.99	10.49	10.59	-101.16	423.56	538.88	499.83	478.45	21.39	23.369		
4,200.00	4,151.96	4,168.17	4,110.77	10.75	10.84	-101.15	432.60	554.14	510.96	489.06	21.90	23.334		
4,300.00	4,250.64	4,267.55	4,208.56	11.01	11.11	-101.13	441.64	569.39	522.08	499.66	22.41	23.292		
4,400.00	4,349.32	4,366.93	4,306.34	11.28	11.37	-101.12	450.68	584.65	533.20	510.26	22.94	23.243		
4,500.00	4,448.00	4,466.31	4,404.13	11.55	11.64	-101.10	459.72	599.91	544.32	520.85	23.47	23.190		
4,600.00	4,546.68	4,565.69	4,501.91	11.82	11.91	-101.09	468.77	615.17	555.44	531.43	24.01	23.132		
4,700.00	4,645.36	4,665.07	4,599.69	12.09	12.19	-101.08	477.81	630.42	566.57	542.01	24.56	23.071		
4,800.00	4,744.04	4,764.45	4,697.48	12.37	12.47	-101.07	486.85	645.68	577.69	552.58	25.11	23.007		
4,900.00	4,842.72	4,863.83	4,795.26	12.65	12.75	-101.06	495.89	660.94	588.81	563.14	25.67	22.941		
5,000.00	4,941.40	4,963.21	4,893.05	12.94	13.04	-101.04	504.93	676.20	599.93	573.70	26.23	22.873		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,062.59	4,990.83	13.22	13.32	-101.03	513.97	691.45	611.06	584.26	26.80	22.803		
5,200.00	5,138.76	5,161.97	5,088.62	13.51	13.61	-101.02	523.01	706.71	622.18	594.81	27.37	22.733		
5,300.00	5,237.44	5,261.35	5,186.40	13.80	13.90	-101.01	532.05	721.97	633.30	605.35	27.95	22.662		
5,400.00	5,336.12	5,360.73	5,284.18	14.10	14.20	-101.00	541.10	737.23	644.42	615.90	28.53	22.591		
5,500.00	5,434.80	5,460.11	5,381.97	14.39	14.49	-101.00	550.14	752.48	655.54	626.43	29.11	22.520		
5,600.00	5,533.48	5,559.49	5,479.75	14.69	14.79	-100.99	559.18	767.74	666.67	636.97	29.70	22.448		
5,700.00	5,632.16	5,658.87	5,577.54	14.98	15.09	-100.98	568.22	783.00	677.79	647.50	30.29	22.378		
5,800.00	5,730.84	5,758.25	5,675.32	15.28	15.39	-100.97	577.26	798.26	688.91	658.03	30.88	22.307		
5,900.00	5,829.52	5,857.62	5,773.11	15.59	15.69	-100.96	586.30	813.51	700.03	668.55	31.48	22.237		
6,000.00	5,928.20	5,957.00	5,870.89	15.89	15.99	-100.95	595.34	828.77	711.16	679.08	32.08	22.168		
6,100.00	6,026.87	6,056.38	5,968.67	16.19	16.30	-100.95	604.38	844.03	722.28	689.60	32.68	22.100		
6,200.00	6,125.55	6,155.76	6,066.46	16.50	16.60	-100.94	613.43	859.29	733.40	700.11	33.29	22.032		
6,300.00	6,224.23	6,255.14	6,164.24	16.80	16.91	-100.93	622.47	874.54	744.52	710.63	33.90	21.965		
6,400.00	6,322.91	6,354.52	6,262.03	17.11	17.22	-100.92	631.51	889.80	755.65	721.14	34.51	21.899		
6,500.00	6,421.59	6,453.90	6,359.81	17.42	17.53	-100.92	640.55	905.06	766.77	731.65	35.12	21.835		
6,600.00	6,520.27	6,553.28	6,457.59	17.73	17.84	-100.91	649.59	920.32	777.89	742.16	35.73	21.771		
6,700.00	6,619.08	6,647.30	6,550.43	18.02	18.09	-105.12	658.15	932.15	789.18	752.92	36.26	21.766		
6,800.00	6,718.91	6,737.80	6,640.48	18.18	18.25	109.05	666.36	931.45	800.66	764.09	36.57	21.896		
6,900.00	6,817.97	6,827.99	6,729.22	18.28	18.36	90.14	674.35	918.02	811.95	775.19	36.76	22.090		
7,000.00	6,913.82	6,918.07	6,815.11	18.32	18.42	86.63	681.98	892.18	822.76	785.91	36.85	22.330		
7,100.00	7,004.10	7,008.27	6,896.60	18.32	18.44	84.85	689.11	854.38	832.83	795.96	36.86	22.593		
7,200.00	7,086.58	7,098.77	6,972.23	18.29	18.44	83.74	695.62	805.22	841.92	805.07	36.85	22.850		
7,300.00	7,159.23	7,189.78	7,040.51	18.27	18.42	83.02	701.37	745.46	849.83	812.98	36.85	23.062		
7,400.00	7,220.27	7,281.46	7,100.03	18.29	18.41	82.62	706.25	675.99	856.38	819.46	36.93	23.190		
7,500.00	7,268.20	7,374.00	7,149.41	18.37	18.44	82.49	710.13	597.92	861.45	824.31	37.14	23.196		
7,600.00	7,301.82	7,467.54	7,187.35	18.53	18.55	82.60	712.92	512.56	864.93	827.41	37.52	23.055		
7,700.00	7,320.33	7,562.22	7,212.67	18.79	18.76	82.95	714.50	421.43	866.75	828.67	38.08	22.761		
7,800.00	7,323.82	7,658.20	7,224.32	19.15	19.08	83.48	714.81	326.25	866.98	828.15	38.82	22.330		
7,853.59	7,323.44	7,710.73	7,224.88	19.41	19.31	83.54	714.44	273.73	866.95	827.62	39.33	22.041		
7,900.00	7,323.12	7,757.14	7,224.55	19.64	19.54	83.54	714.04	227.33	866.95	827.14	39.81	21.776		
8,000.00	7,322.42	7,857.14	7,223.84	20.26	20.14	83.54	713.18	127.33	866.95	825.91	41.04	21.126		
8,100.00	7,321.72	7,957.14	7,223.14	21.00	20.86	83.54	712.32	27.34	866.95	824.45	42.49	20.402		
8,200.00	7,321.02	8,057.14	7,222.43	21.85	21.68	83.54	711.46	-72.66	866.94	822.79	44.16	19.633		
8,300.00	7,320.32	8,157.14	7,221.72	22.79	22.59	83.54	710.60	-172.65	866.94	820.94	46.00	18.844		
8,400.00	7,319.62	8,257.14	7,221.02	23.81	23.59	83.54	709.74	-272.64	866.94	818.92	48.02	18.055		
8,500.00	7,318.92	8,357.14	7,220.31	24.91	24.66	83.54	708.88	-372.64	866.93	816.76	50.17	17.280		
8,600.00	7,318.22	8,457.14	7,219.60	26.06	25.79	83.53	708.02	-472.63	866.93	814.48	52.45	16.529		
8,700.00	7,317.52	8,557.14	7,218.90	27.27	26.98	83.53	707.16	-572.62	866.93	812.09	54.84	15.809		
8,800.00	7,316.82	8,657.14	7,218.19	28.53	28.22	83.53	706.30	-672.62	866.93	809.60	57.32	15.123		
8,900.00	7,316.12	8,757.14	7,217.48	29.83	29.49	83.53	705.44	-772.61	866.92	807.03	59.89	14.475		
9,000.00	7,315.42	8,857.14	7,216.78	31.17	30.81	83.53	704.58	-872.61	866.92	804.39	62.53	13.863		
9,100.00	7,314.72	8,957.14	7,216.07	32.53	32.16	83.53	703.72	-972.60	866.92	801.68	65.24	13.288		
9,200.00	7,314.02	9,057.14	7,215.36	33.93	33.53	83.53	702.86	-1,072.59	866.91	798.91	68.00	12.748		
9,300.00	7,313.32	9,157.14	7,214.66	35.35	34.94	83.53	702.00	-1,172.59	866.91	796.10	70.81	12.242		
9,400.00	7,312.62	9,257.14	7,213.95	36.79	36.36	83.53	701.14	-1,272.58	866.91	793.24	73.67	11.767		
9,500.00	7,311.92	9,357.14	7,213.24	38.24	37.81	83.53	700.28	-1,372.57	866.91	790.34	76.57	11.322		
9,600.00	7,311.22	9,457.14	7,212.54	39.72	39.27	83.53	699.42	-1,472.57	866.90	787.41	79.50	10.905		
9,700.00	7,310.52	9,557.14	7,211.83	41.21	40.75	83.53	698.57	-1,572.56	866.90	784.44	82.46	10.513		
9,800.00	7,309.82	9,657.14	7,211.13	42.72	42.25	83.53	697.71	-1,672.56	866.90	781.45	85.45	10.145		
9,900.00	7,309.12	9,757.14	7,210.42	44.23	43.75	83.53	696.85	-1,772.55	866.89	778.43	88.46	9.800		
10,000.00	7,308.42	9,857.14	7,209.71	45.76	45.27	83.53	695.99	-1,872.54	866.89	775.39	91.50	9.474		
10,100.00	7,307.72	9,957.14	7,209.01	47.30	46.80	83.53	695.13	-1,972.54	866.89	772.33	94.56	9.168		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1C-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	7,307.02	10,057.14	7,208.30	48.85	48.34	83.53	694.27	-2,072.53	866.88	769.25	97.63	8.879		
10,300.00	7,306.32	10,157.14	7,207.59	50.40	49.89	83.53	693.41	-2,172.53	866.88	766.16	100.72	8.606		
10,400.00	7,305.62	10,257.14	7,206.89	51.96	51.44	83.53	692.55	-2,272.52	866.88	763.05	103.83	8.349		
10,500.00	7,304.92	10,357.14	7,206.18	53.53	53.01	83.53	691.69	-2,372.51	866.88	759.92	106.95	8.105		
10,600.00	7,304.22	10,457.14	7,205.47	55.11	54.57	83.53	690.83	-2,472.51	866.87	756.79	110.09	7.874		
10,700.00	7,303.52	10,557.14	7,204.77	56.69	56.15	83.52	689.97	-2,572.50	866.87	753.64	113.23	7.656		
10,800.00	7,302.82	10,657.14	7,204.06	58.28	57.73	83.52	689.11	-2,672.49	866.87	750.48	116.39	7.448		
10,900.00	7,302.12	10,757.14	7,203.35	59.87	59.32	83.52	688.25	-2,772.49	866.86	747.31	119.56	7.251		
11,000.00	7,301.42	10,857.14	7,202.65	61.46	60.91	83.52	687.39	-2,872.48	866.86	744.13	122.73	7.063		
11,100.00	7,300.72	10,957.14	7,201.94	63.06	62.50	83.52	686.53	-2,972.48	866.86	740.94	125.91	6.885		
11,200.00	7,300.02	11,057.14	7,201.23	64.67	64.10	83.52	685.67	-3,072.47	866.86	737.75	129.11	6.714		
11,300.00	7,299.32	11,157.14	7,200.53	66.27	65.70	83.52	684.81	-3,172.46	866.85	734.55	132.30	6.552		
11,400.00	7,298.62	11,257.14	7,199.82	67.88	67.31	83.52	683.95	-3,272.46	866.85	731.34	135.51	6.397		
11,500.00	7,297.93	11,357.14	7,199.11	69.50	68.92	83.52	683.09	-3,372.45	866.85	728.13	138.72	6.249		
11,600.00	7,297.23	11,457.14	7,198.41	71.11	70.53	83.52	682.23	-3,472.44	866.84	724.91	141.94	6.107		
11,700.00	7,296.53	11,557.14	7,197.70	72.73	72.15	83.52	681.37	-3,572.44	866.84	721.68	145.16	5.972		
11,800.00	7,295.83	11,657.14	7,197.00	74.35	73.76	83.52	680.51	-3,672.43	866.84	718.45	148.39	5.842		
11,900.00	7,295.13	11,757.14	7,196.29	75.97	75.38	83.52	679.65	-3,772.43	866.84	715.22	151.62	5.717		
12,000.00	7,294.43	11,857.14	7,195.58	77.60	77.01	83.52	678.79	-3,872.42	866.83	711.98	154.86	5.598		
12,100.00	7,293.73	11,957.14	7,194.88	79.23	78.63	83.52	677.93	-3,972.41	866.83	708.73	158.10	5.483		
12,200.00	7,293.03	12,057.14	7,194.17	80.86	80.26	83.52	677.07	-4,072.41	866.83	705.48	161.34	5.373		
12,300.00	7,292.33	12,157.14	7,193.46	82.49	81.89	83.52	676.21	-4,172.40	866.82	702.23	164.59	5.267		
12,400.00	7,291.63	12,257.14	7,192.76	84.12	83.52	83.52	675.35	-4,272.40	866.82	698.98	167.84	5.164		
12,500.00	7,290.93	12,357.14	7,192.05	85.76	85.15	83.52	674.49	-4,372.39	866.82	695.72	171.10	5.066		
12,600.00	7,290.23	12,457.14	7,191.34	87.39	86.78	83.52	673.63	-4,472.38	866.82	692.46	174.36	4.972		
12,700.00	7,289.53	12,557.14	7,190.64	89.03	88.42	83.52	672.77	-4,572.38	866.81	689.19	177.62	4.880		
12,800.00	7,288.83	12,657.14	7,189.93	90.67	90.05	83.51	671.91	-4,672.37	866.81	685.93	180.88	4.792		
12,900.00	7,288.13	12,757.14	7,189.22	92.31	91.69	83.51	671.05	-4,772.36	866.81	682.66	184.15	4.707		
13,000.00	7,287.43	12,857.14	7,188.52	93.95	93.33	83.51	670.19	-4,872.36	866.80	679.39	187.42	4.625		
13,100.00	7,286.73	12,957.14	7,187.81	95.59	94.97	83.51	669.33	-4,972.35	866.80	676.11	190.69	4.546		
13,200.00	7,286.03	13,057.14	7,187.10	97.24	96.61	83.51	668.47	-5,072.35	866.80	672.84	193.96	4.469		
13,300.00	7,285.33	13,157.14	7,186.40	98.88	98.25	83.51	667.61	-5,172.34	866.79	669.56	197.24	4.395		
13,400.00	7,284.63	13,257.14	7,185.69	100.53	99.90	83.51	666.75	-5,272.33	866.79	666.28	200.51	4.323		
13,500.00	7,283.93	13,357.14	7,184.99	102.17	101.54	83.51	665.89	-5,372.33	866.79	662.99	203.79	4.253		
13,600.00	7,283.23	13,457.14	7,184.28	103.82	103.19	83.51	665.04	-5,472.32	866.79	659.71	207.08	4.186		
13,700.00	7,282.53	13,557.14	7,183.57	105.47	104.84	83.51	664.18	-5,572.31	866.78	656.42	210.36	4.120		
13,800.00	7,281.83	13,657.14	7,182.87	107.12	106.48	83.51	663.32	-5,672.31	866.78	653.14	213.64	4.057		
13,900.00	7,281.13	13,757.14	7,182.16	108.77	108.13	83.51	662.46	-5,772.30	866.78	649.85	216.93	3.996		
14,000.00	7,280.43	13,857.14	7,181.45	110.42	109.78	83.51	661.60	-5,872.30	866.77	646.56	220.22	3.936		
14,100.00	7,279.73	13,957.14	7,180.75	112.07	111.43	83.51	660.74	-5,972.29	866.77	643.26	223.51	3.878		
14,200.00	7,279.03	14,057.14	7,180.04	113.72	113.08	83.51	659.88	-6,072.28	866.77	639.97	226.80	3.822		
14,300.00	7,278.33	14,157.14	7,179.33	115.37	114.73	83.51	659.02	-6,172.28	866.77	636.68	230.09	3.767		
14,400.00	7,277.63	14,257.14	7,178.63	117.03	116.38	83.51	658.16	-6,272.27	866.76	633.38	233.38	3.714		
14,500.00	7,276.93	14,357.14	7,177.92	118.68	118.04	83.51	657.30	-6,372.27	866.76	630.08	236.68	3.662		
14,600.00	7,276.23	14,457.14	7,177.21	120.33	119.69	83.51	656.44	-6,472.26	866.76	626.78	239.97	3.612		
14,700.00	7,275.53	14,557.14	7,176.51	121.99	121.34	83.51	655.58	-6,572.25	866.75	623.49	243.27	3.563		
14,800.00	7,274.83	14,657.14	7,175.80	123.64	123.00	83.51	654.72	-6,672.25	866.75	620.18	246.57	3.515		
14,900.00	7,274.13	14,757.14	7,175.09	125.30	124.65	83.51	653.86	-6,772.24	866.75	616.88	249.87	3.469		
15,000.00	7,273.43	14,857.14	7,174.39	126.96	126.31	83.50	653.00	-6,872.23	866.75	613.58	253.16	3.424		
15,100.00	7,272.74	14,957.14	7,173.68	128.61	127.96	83.50	652.14	-6,972.23	866.74	610.28	256.47	3.380		
15,200.00	7,272.04	15,057.14	7,172.97	130.27	129.62	83.50	651.28	-7,072.22	866.74	606.97	259.77	3.337		
15,300.00	7,271.34	15,157.14	7,172.27	131.93	131.27	83.50	650.42	-7,172.22	866.74	603.67	263.07	3.295		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 21C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 21C-1-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design	6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,301.41	7,271.33	15,158.55	7,172.26	131.95	131.30	83.50	650.41	-7,173.62	866.74	603.62	263.11	3.294 SF	
15,305.02	7,271.30	15,153.54	7,172.29	132.01	131.22	83.50	650.45	-7,168.61	866.78	603.67	263.11	3.294	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design											6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1A-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	-4.85	19.67	-1.67	19.74							
100.00	100.00	100.00	100.00	3.28	3.28	-4.85	19.67	-1.67	19.74	12.21	7.53	2.622				
200.00	200.00	200.00	200.00	3.31	3.31	-4.85	19.67	-1.67	19.74	12.17	7.57	2.607 CC				
200.00	200.00	200.00	200.00	3.31	3.31	-4.85	19.67	-1.67	19.74	12.17	7.57	2.607 ES				
300.00	300.00	299.96	299.94	3.35	3.35	-98.20	19.85	0.07	19.91	12.25	7.66	2.600				
400.00	399.93	399.85	399.68	3.41	3.41	-93.37	20.40	5.26	20.94	13.15	7.78	2.690				
500.00	499.68	499.66	499.11	3.50	3.51	-89.27	21.31	13.90	22.88	14.93	7.96	2.876				
600.00	599.13	599.38	598.09	3.61	3.62	-86.16	22.58	25.97	25.71	17.52	8.19	3.140				
700.00	698.15	700.91	696.59	3.75	3.78	-84.17	24.20	41.37	29.33	20.85	8.48	3.458				
800.00	796.84	800.98	795.14	3.93	3.96	-84.85	25.93	57.83	33.08	24.23	8.85	3.739				
900.00	895.52	901.05	893.69	4.13	4.18	-85.47	27.66	74.28	36.83	27.56	9.26	3.976				
1,000.00	994.20	1,001.12	992.24	4.36	4.41	-85.98	29.38	90.73	40.58	30.85	9.72	4.173				
1,100.00	1,092.88	1,101.19	1,090.79	4.61	4.66	-86.40	31.11	107.19	44.33	34.11	10.22	4.336				
1,200.00	1,191.56	1,201.26	1,189.34	4.87	4.93	-86.75	32.84	123.64	48.09	37.33	10.75	4.471				
1,300.00	1,290.24	1,301.33	1,287.88	5.15	5.22	-87.06	34.57	140.10	51.85	40.53	11.31	4.583				
1,400.00	1,388.92	1,401.41	1,386.43	5.44	5.51	-87.32	36.30	156.55	55.61	43.71	11.89	4.675				
1,500.00	1,487.60	1,501.48	1,484.98	5.74	5.81	-87.55	38.03	173.00	59.37	46.87	12.50	4.751				
1,600.00	1,586.28	1,598.45	1,583.53	6.04	6.12	-87.75	39.76	189.46	63.13	50.02	13.10	4.817				
1,700.00	1,684.96	1,701.62	1,682.08	6.36	6.44	-87.93	41.49	205.91	66.89	53.14	13.75	4.866				
1,800.00	1,783.64	1,801.69	1,780.63	6.68	6.77	-88.09	43.22	222.37	70.65	56.26	14.39	4.910				
1,900.00	1,882.32	1,901.76	1,879.18	6.86	6.94	-88.24	44.95	238.82	74.41	60.06	14.36	5.183				
2,000.00	1,981.00	2,001.83	1,977.73	6.89	6.98	-88.37	46.68	255.27	78.18	63.74	14.43	5.417				
2,100.00	2,079.68	2,098.10	2,076.28	6.95	7.03	-88.49	48.41	271.73	81.94	67.40	14.54	5.637				
2,200.00	2,178.36	2,198.03	2,174.83	7.01	7.10	-88.59	50.14	288.18	85.70	71.03	14.67	5.841				
2,300.00	2,277.04	2,302.04	2,273.38	7.10	7.19	-88.69	51.87	304.64	89.47	74.62	14.84	6.027				
2,400.00	2,375.72	2,402.12	2,371.93	7.20	7.29	-88.78	53.60	321.09	93.23	78.19	15.04	6.199				
2,500.00	2,474.40	2,502.19	2,470.48	7.31	7.40	-88.87	55.33	337.54	97.00	81.73	15.27	6.354				
2,600.00	2,573.08	2,602.26	2,569.03	7.43	7.53	-88.94	57.05	354.00	100.76	85.24	15.52	6.493				
2,700.00	2,671.76	2,702.33	2,667.58	7.57	7.66	-89.02	58.78	370.45	104.53	88.73	15.79	6.618				
2,800.00	2,770.44	2,802.40	2,766.13	7.72	7.82	-89.08	60.51	386.91	108.29	92.19	16.10	6.728				
2,900.00	2,869.12	2,902.47	2,864.68	7.89	7.98	-89.15	62.24	403.36	112.06	95.64	16.42	6.825				
3,000.00	2,967.80	3,002.54	2,963.23	8.06	8.15	-89.20	63.97	419.81	115.82	99.06	16.76	6.909				
3,100.00	3,066.48	3,102.61	3,061.78	8.24	8.33	-89.26	65.70	436.27	119.59	102.46	17.13	6.981				
3,200.00	3,165.16	3,202.68	3,160.33	8.43	8.52	-89.31	67.43	452.72	123.35	105.84	17.51	7.043				
3,300.00	3,263.84	3,302.75	3,258.88	8.64	8.72	-89.36	69.16	469.18	127.12	109.20	17.91	7.096				
3,400.00	3,362.52	3,402.83	3,357.43	8.84	8.93	-89.40	70.89	485.63	130.88	112.55	18.33	7.139				
3,500.00	3,461.20	3,502.90	3,455.98	9.06	9.15	-89.45	72.62	502.08	134.65	115.88	18.76	7.176				
3,600.00	3,559.88	3,602.97	3,554.53	9.29	9.37	-89.49	74.35	518.54	138.42	119.20	19.21	7.205				
3,700.00	3,658.56	3,703.04	3,653.08	9.52	9.60	-89.53	76.08	534.99	142.18	122.51	19.67	7.228				
3,800.00	3,757.24	3,803.11	3,751.63	9.75	9.84	-89.56	77.81	551.45	145.95	125.80	20.14	7.245				
3,900.00	3,855.92	3,903.18	3,850.18	9.99	10.08	-89.60	79.54	567.90	149.71	129.09	20.63	7.258				
4,000.00	3,954.60	4,003.25	3,948.73	10.24	10.33	-89.63	81.27	584.35	153.48	132.36	21.12	7.267				
4,100.00	4,053.28	4,103.32	4,047.28	10.49	10.58	-89.66	83.00	600.81	157.25	135.62	21.62	7.272				
4,200.00	4,151.96	4,203.39	4,145.83	10.75	10.83	-89.69	84.72	617.26	161.01	138.88	22.14	7.274				
4,300.00	4,250.64	4,303.46	4,244.38	11.01	11.09	-89.72	86.45	633.72	164.78	142.12	22.66	7.273				
4,400.00	4,349.32	4,403.54	4,342.93	11.28	11.36	-89.75	88.18	650.17	168.54	145.36	23.19	7.269				
4,500.00	4,448.00	4,496.39	4,441.48	11.55	11.61	-89.77	89.91	666.62	172.31	148.61	23.70	7.270				
4,600.00	4,546.68	4,603.68	4,540.03	11.82	11.90	-89.80	91.64	683.08	176.08	151.81	24.27	7.256				
4,700.00	4,645.36	4,703.75	4,638.58	12.09	12.17	-89.82	93.37	699.53	179.84	155.03	24.81	7.247				
4,800.00	4,744.04	4,803.82	4,737.13	12.37	12.45	-89.85	95.10	715.99	183.61	158.24	25.37	7.237				
4,900.00	4,842.72	4,903.89	4,835.68	12.65	12.73	-89.87	96.83	732.44	187.38	161.44	25.93	7.226				
5,000.00	4,941.40	5,003.96	4,934.23	12.94	13.01	-89.89	98.56	748.89	191.14	164.65	26.50	7.214				

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,104.03	5,032.78	13.22	13.30	-89.91	100.29	765.35	194.91	167.84	27.07	7.201		
5,200.00	5,138.76	5,204.10	5,131.33	13.51	13.59	-89.93	102.02	781.80	198.68	171.03	27.64	7.187		
5,300.00	5,237.44	5,304.17	5,229.88	13.80	13.88	-89.95	103.75	798.26	202.44	174.22	28.22	7.173		
5,400.00	5,336.12	5,404.24	5,328.43	14.10	14.17	-89.97	105.48	814.71	206.21	177.40	28.81	7.158		
5,500.00	5,434.80	5,504.32	5,426.98	14.39	14.46	-89.98	107.21	831.16	209.98	180.58	29.39	7.143		
5,600.00	5,533.48	5,604.39	5,525.53	14.69	14.76	-90.00	108.94	847.62	213.74	183.76	29.99	7.128		
5,700.00	5,632.16	5,704.46	5,624.08	14.98	15.06	-90.02	110.67	864.07	217.51	186.93	30.58	7.113		
5,800.00	5,730.84	5,795.47	5,722.63	15.28	15.33	-90.03	112.39	880.53	221.27	190.12	31.15	7.103		
5,900.00	5,829.52	5,904.60	5,821.18	15.59	15.66	-90.05	114.12	896.98	225.04	193.26	31.78	7.082		
6,000.00	5,928.20	6,004.67	5,919.73	15.89	15.96	-90.06	115.85	913.43	228.81	196.43	32.38	7.066		
6,100.00	6,026.87	6,104.74	6,018.28	16.19	16.26	-90.08	117.58	929.89	232.57	199.59	32.99	7.050		
6,200.00	6,125.55	6,204.81	6,116.83	16.50	16.57	-90.09	119.31	946.34	236.34	202.75	33.60	7.035		
6,300.00	6,224.23	6,304.88	6,215.38	16.80	16.87	-90.10	121.04	962.80	240.11	205.90	34.21	7.019		
6,400.00	6,322.91	6,395.05	6,313.93	17.11	17.15	-90.12	122.77	979.25	243.87	209.09	34.79	7.010		
6,500.00	6,421.59	6,499.49	6,417.88	17.42	17.35	-92.08	124.46	988.04	246.69	211.40	35.28	6.992		
6,600.00	6,520.27	6,598.80	6,516.79	17.73	17.47	-97.49	125.81	980.54	249.16	213.54	35.62	6.995		
6,700.00	6,619.08	6,689.38	6,605.01	18.02	17.52	-109.01	126.81	960.36	255.36	219.65	35.70	7.152		
6,800.00	6,718.91	6,774.44	6,684.48	18.18	17.53	98.42	127.52	930.20	266.92	231.47	35.45	7.529		
6,900.00	6,817.97	6,856.04	6,756.28	18.28	17.52	73.61	127.97	891.57	282.16	247.18	34.99	8.065		
7,000.00	6,913.82	6,934.85	6,820.40	18.32	17.50	65.12	128.20	845.83	299.34	264.94	34.40	8.703		
7,100.00	7,004.10	7,011.45	6,876.85	18.32	17.49	59.23	128.22	794.12	316.93	283.15	33.78	9.382		
7,200.00	7,086.58	7,086.30	6,925.63	18.29	17.50	54.77	128.05	737.40	333.73	300.50	33.24	10.041		
7,300.00	7,159.23	7,159.77	6,966.71	18.27	17.55	51.37	127.70	676.55	348.81	315.96	32.85	10.618		
7,400.00	7,220.27	7,232.18	7,000.08	18.29	17.64	48.84	127.18	612.33	361.47	328.78	32.69	11.057		
7,500.00	7,268.20	7,303.81	7,025.71	18.37	17.77	47.03	126.50	545.49	371.22	338.41	32.81	11.314		
7,600.00	7,301.82	7,374.91	7,043.57	18.53	17.97	45.87	125.68	476.71	377.70	344.47	33.22	11.369		
7,700.00	7,320.33	7,445.69	7,053.63	18.79	18.21	45.30	124.72	406.69	380.69	346.78	33.91	11.226		
7,800.00	7,323.82	7,519.86	7,055.87	19.15	18.51	45.23	123.58	332.60	380.46	345.64	34.81	10.928		
7,900.00	7,323.12	7,619.85	7,054.80	19.64	19.04	45.11	121.97	232.63	380.20	344.49	35.71	10.648		
8,000.00	7,322.42	7,719.85	7,053.72	20.26	19.69	44.99	120.37	132.65	379.94	343.16	36.77	10.332		
8,100.00	7,321.72	7,819.85	7,052.64	21.00	20.45	44.87	118.77	32.67	379.68	341.68	38.00	9.991		
8,200.00	7,321.02	7,919.84	7,051.56	21.85	21.32	44.75	117.17	-67.31	379.42	340.05	39.38	9.636		
8,300.00	7,320.32	8,019.84	7,050.48	22.79	22.28	44.63	115.57	-167.29	379.17	338.29	40.88	9.275		
8,400.00	7,319.62	8,119.84	7,049.40	23.81	23.32	44.51	113.97	-267.26	378.91	336.42	42.50	8.916		
8,500.00	7,318.92	8,219.83	7,048.32	24.91	24.43	44.39	112.37	-367.24	378.66	334.45	44.21	8.564		
8,600.00	7,318.22	8,319.83	7,047.24	26.06	25.61	44.27	110.77	-467.22	378.41	332.39	46.02	8.223		
8,700.00	7,317.52	8,419.82	7,046.17	27.27	26.83	44.15	109.17	-567.20	378.17	330.27	47.90	7.895		
8,800.00	7,316.82	8,519.82	7,045.09	28.53	28.11	44.03	107.57	-667.18	377.92	328.07	49.85	7.581		
8,900.00	7,316.12	8,619.82	7,044.01	29.83	29.42	43.91	105.96	-767.15	377.68	325.82	51.86	7.283		
9,000.00	7,315.42	8,719.81	7,042.93	31.17	30.77	43.78	104.36	-867.13	377.43	323.52	53.91	7.001		
9,100.00	7,314.72	8,819.81	7,041.85	32.53	32.14	43.66	102.76	-967.11	377.19	321.18	56.02	6.734		
9,200.00	7,314.02	8,919.81	7,040.77	33.93	33.55	43.54	101.16	-1,067.09	376.95	318.80	58.15	6.482		
9,300.00	7,313.32	9,019.80	7,039.69	35.35	34.98	43.42	99.56	-1,167.06	376.71	316.39	60.33	6.244		
9,400.00	7,312.62	9,119.80	7,038.61	36.79	36.43	43.30	97.96	-1,267.04	376.48	313.95	62.53	6.021		
9,500.00	7,311.92	9,219.80	7,037.54	38.24	37.90	43.17	96.36	-1,367.02	376.24	311.49	64.76	5.810		
9,600.00	7,311.22	9,319.79	7,036.46	39.72	39.38	43.05	94.76	-1,467.00	376.01	309.00	67.01	5.612		
9,700.00	7,310.52	9,419.79	7,035.38	41.21	40.88	42.93	93.16	-1,566.98	375.78	306.51	69.28	5.424		
9,800.00	7,309.82	9,519.79	7,034.30	42.72	42.39	42.81	91.56	-1,666.95	375.55	303.99	71.56	5.248		
9,900.00	7,309.12	9,619.78	7,033.22	44.23	43.92	42.68	89.95	-1,766.93	375.32	301.47	73.86	5.082		
10,000.00	7,308.42	9,719.78	7,032.14	45.76	45.45	42.56	88.35	-1,866.91	375.10	298.93	76.17	4.924		
10,100.00	7,307.72	9,819.78	7,031.06	47.30	46.99	42.44	86.75	-1,966.89	374.88	296.38	78.49	4.776		
10,200.00	7,307.02	9,919.77	7,029.98	48.85	48.55	42.31	85.15	-2,066.87	374.65	293.83	80.82	4.635		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1A-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	7,306.32	10,019.77	7,028.90	50.40	50.11	42.19	83.55	-2,166.84	374.43	291.27	83.16	4.503		
10,400.00	7,305.62	10,119.77	7,027.83	51.96	51.67	42.07	81.95	-2,266.82	374.21	288.71	85.51	4.377		
10,500.00	7,304.92	10,219.76	7,026.75	53.53	53.25	41.94	80.35	-2,366.80	374.00	286.14	87.85	4.257		
10,600.00	7,304.22	10,319.76	7,025.67	55.11	54.83	41.82	78.75	-2,466.78	373.78	283.57	90.21	4.144		
10,700.00	7,303.52	10,419.76	7,024.59	56.69	56.41	41.70	77.15	-2,566.76	373.57	281.00	92.57	4.036		
10,800.00	7,302.82	10,519.75	7,023.51	58.28	58.00	41.57	75.55	-2,666.73	373.36	278.43	94.92	3.933		
10,900.00	7,302.12	10,619.75	7,022.43	59.87	59.60	41.45	73.94	-2,766.71	373.15	275.86	97.29	3.836		
11,000.00	7,301.42	10,719.74	7,021.35	61.46	61.20	41.32	72.34	-2,866.69	372.94	273.29	99.65	3.743		
11,100.00	7,300.72	10,819.74	7,020.27	63.06	62.80	41.20	70.74	-2,966.67	372.73	270.72	102.01	3.654		
11,200.00	7,300.02	10,919.74	7,019.20	64.67	64.41	41.07	69.14	-3,066.64	372.53	268.15	104.37	3.569		
11,300.00	7,299.32	11,019.73	7,018.12	66.27	66.02	40.95	67.54	-3,166.62	372.32	265.59	106.74	3.488		
11,400.00	7,298.62	11,119.73	7,017.04	67.88	67.63	40.83	65.94	-3,266.60	372.12	263.03	109.10	3.411		
11,500.00	7,297.93	11,219.73	7,015.96	69.50	69.24	40.70	64.34	-3,366.58	371.92	260.47	111.46	3.337		
11,600.00	7,297.23	11,319.72	7,014.88	71.11	70.86	40.57	62.74	-3,466.56	371.73	257.91	113.81	3.266		
11,700.00	7,296.53	11,419.72	7,013.80	72.73	72.48	40.45	61.14	-3,566.53	371.53	255.36	116.17	3.198		
11,800.00	7,295.83	11,519.72	7,012.72	74.35	74.11	40.32	59.53	-3,666.51	371.34	252.81	118.52	3.133		
11,900.00	7,295.13	11,619.71	7,011.64	75.97	75.73	40.20	57.93	-3,766.49	371.14	250.27	120.87	3.071		
12,000.00	7,294.43	11,719.71	7,010.57	77.60	77.36	40.07	56.33	-3,866.47	370.95	247.73	123.22	3.010		
12,100.00	7,293.73	11,819.71	7,009.49	79.23	78.99	39.95	54.73	-3,966.45	370.77	245.20	125.57	2.953		
12,200.00	7,293.03	11,919.70	7,008.41	80.86	80.62	39.82	53.13	-4,066.42	370.58	242.67	127.91	2.897		
12,300.00	7,292.33	12,019.70	7,007.33	82.49	82.25	39.70	51.53	-4,166.40	370.39	240.15	130.24	2.844		
12,400.00	7,291.63	12,119.70	7,006.25	84.12	83.89	39.57	49.93	-4,266.38	370.21	237.63	132.58	2.792		
12,500.00	7,290.93	12,219.69	7,005.17	85.76	85.52	39.44	48.33	-4,366.36	370.03	235.12	134.91	2.743		
12,600.00	7,290.23	12,319.69	7,004.09	87.39	87.16	39.32	46.73	-4,466.33	369.85	232.62	137.23	2.695		
12,700.00	7,289.53	12,419.69	7,003.01	89.03	88.80	39.19	45.13	-4,566.31	369.67	230.12	139.55	2.649		
12,800.00	7,288.83	12,519.68	7,001.94	90.67	90.44	39.06	43.52	-4,666.29	369.49	227.63	141.87	2.604		
12,900.00	7,288.13	12,619.68	7,000.86	92.31	92.08	38.94	41.92	-4,766.27	369.32	225.14	144.18	2.562		
13,000.00	7,287.43	12,719.67	6,999.78	93.95	93.72	38.81	40.32	-4,866.25	369.15	222.66	146.49	2.520		
13,100.00	7,286.73	12,819.67	6,998.70	95.59	95.36	38.68	38.72	-4,966.22	368.98	220.19	148.79	2.480		
13,200.00	7,286.03	12,919.67	6,997.62	97.24	97.01	38.55	37.12	-5,066.20	368.81	217.72	151.08	2.441		
13,300.00	7,285.33	13,019.66	6,996.54	98.88	98.65	38.43	35.52	-5,166.18	368.64	215.27	153.38	2.404		
13,400.00	7,284.63	13,119.66	6,995.46	100.53	100.30	38.30	33.92	-5,266.16	368.48	212.81	155.66	2.367		
13,500.00	7,283.93	13,219.66	6,994.38	102.17	101.95	38.17	32.32	-5,366.14	368.31	210.37	157.94	2.332		
13,600.00	7,283.23	13,319.65	6,993.31	103.82	103.59	38.05	30.72	-5,466.11	368.15	207.93	160.22	2.298		
13,700.00	7,282.53	13,419.65	6,992.23	105.47	105.24	37.92	29.12	-5,566.09	367.99	205.50	162.49	2.265		
13,800.00	7,281.83	13,519.65	6,991.15	107.12	106.89	37.79	27.51	-5,666.07	367.83	203.08	164.75	2.233		
13,900.00	7,281.13	13,619.64	6,990.07	108.77	108.54	37.66	25.91	-5,766.05	367.68	200.67	167.01	2.202		
14,000.00	7,280.43	13,719.64	6,988.99	110.42	110.19	37.53	24.31	-5,866.02	367.52	198.26	169.26	2.171		
14,100.00	7,279.73	13,819.64	6,987.91	112.07	111.85	37.41	22.71	-5,966.00	367.37	195.86	171.51	2.142		
14,200.00	7,279.03	13,919.63	6,986.83	113.72	113.50	37.28	21.11	-6,065.98	367.22	193.47	173.75	2.114		
14,300.00	7,278.33	14,019.63	6,985.75	115.37	115.15	37.15	19.51	-6,165.96	367.07	191.09	175.98	2.086		
14,400.00	7,277.63	14,119.63	6,984.68	117.03	116.80	37.02	17.91	-6,265.94	366.92	188.71	178.21	2.059		
14,500.00	7,276.93	14,219.62	6,983.60	118.68	118.46	36.89	16.31	-6,365.91	366.78	186.34	180.44	2.033		
14,600.00	7,276.23	14,319.62	6,982.52	120.33	120.11	36.76	14.71	-6,465.89	366.64	183.98	182.65	2.007		
14,700.00	7,275.53	14,419.62	6,981.44	121.99	121.77	36.63	13.10	-6,565.87	366.50	181.63	184.86	1.983		
14,800.00	7,274.83	14,519.61	6,980.36	123.64	123.42	36.51	11.50	-6,665.85	366.36	179.29	187.07	1.958		
14,900.00	7,274.13	14,619.61	6,979.28	125.30	125.08	36.38	9.90	-6,765.83	366.22	176.95	189.27	1.935		
15,000.00	7,273.43	14,719.60	6,978.20	126.96	126.74	36.25	8.30	-6,865.80	366.08	174.62	191.46	1.912		
15,100.00	7,272.74	14,819.60	6,977.12	128.61	128.39	36.12	6.70	-6,965.78	365.95	172.31	193.64	1.890		
15,200.00	7,272.04	14,919.60	6,976.05	130.27	130.05	35.99	5.10	-7,065.76	365.82	169.99	195.82	1.868		
15,300.00	7,271.34	15,019.59	6,974.97	131.93	131.71	35.86	3.50	-7,165.74	365.69	167.69	197.99	1.847		
15,305.02	7,271.30	15,024.62	6,974.91	132.01	131.79	35.85	3.42	-7,170.76	365.68	167.58	198.10	1.846 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1B-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	-4.80	39.71	-3.34	39.85							
100.00	100.00	101.00	99.00	3.28	3.28	-4.80	39.71	-3.34	39.85	32.32	7.53	5.293				
200.00	200.00	201.00	199.00	3.31	3.31	-4.80	39.71	-3.34	39.85	32.28	7.57	5.261	CC, ES			
200.12	200.12	200.88	199.12	3.31	3.31	-4.80	39.71	-3.34	39.85	32.28	7.57	5.261				
300.00	300.00	298.95	298.95	3.35	3.35	-101.96	39.77	-2.92	39.97	32.31	7.66	5.218				
400.00	399.93	398.84	398.77	3.41	3.41	-101.91	40.31	0.48	40.95	33.16	7.78	5.261				
500.00	499.68	498.71	498.40	3.50	3.50	-101.75	41.40	7.32	42.90	34.95	7.95	5.394				
600.00	599.13	598.55	597.69	3.61	3.61	-101.51	43.02	17.58	45.82	37.65	8.18	5.604				
700.00	698.15	698.34	696.51	3.75	3.75	-101.23	45.19	31.24	49.72	41.26	8.46	5.875				
800.00	796.84	801.79	795.06	3.93	3.94	-100.89	47.72	47.22	54.26	45.43	8.82	6.151				
900.00	895.52	901.90	893.63	4.13	4.14	-100.60	50.26	63.27	58.81	49.58	9.23	6.373				
1,000.00	994.20	1,002.00	992.19	4.36	4.37	-100.35	52.80	79.31	63.36	53.68	9.68	6.547				
1,100.00	1,092.88	1,102.10	1,090.76	4.61	4.61	-100.13	55.34	95.36	67.91	57.74	10.17	6.680				
1,200.00	1,191.56	1,202.21	1,189.33	4.87	4.87	-99.94	57.88	111.41	72.46	61.77	10.69	6.779				
1,300.00	1,290.24	1,302.31	1,287.89	5.15	5.15	-99.77	60.42	127.45	77.01	65.78	11.24	6.853				
1,400.00	1,388.92	1,402.41	1,386.46	5.44	5.44	-99.62	62.97	143.50	81.57	69.76	11.81	6.907				
1,500.00	1,487.60	1,502.52	1,485.02	5.74	5.73	-99.49	65.51	159.55	86.12	73.72	12.40	6.944				
1,600.00	1,586.28	1,602.62	1,583.59	6.04	6.04	-99.37	68.05	175.59	90.68	77.67	13.01	6.968				
1,700.00	1,684.96	1,702.73	1,682.16	6.36	6.35	-99.26	70.59	191.64	95.23	81.60	13.64	6.984				
1,800.00	1,783.64	1,802.83	1,780.72	6.68	6.67	-99.16	73.13	207.69	99.79	85.52	14.27	6.993				
1,900.00	1,882.32	1,897.07	1,879.29	6.86	6.83	-99.07	75.67	223.74	104.35	90.12	14.23	7.335				
2,000.00	1,981.00	2,003.04	1,977.85	6.89	6.87	-98.99	78.22	239.78	108.90	94.59	14.31	7.612				
2,100.00	2,079.68	2,103.14	2,076.42	6.95	6.93	-98.91	80.76	255.83	113.46	99.05	14.41	7.872				
2,200.00	2,178.36	2,203.25	2,174.99	7.01	7.00	-98.84	83.30	271.88	118.01	103.47	14.55	8.111				
2,300.00	2,277.04	2,303.35	2,273.55	7.10	7.08	-98.78	85.84	287.92	122.57	107.86	14.72	8.329				
2,400.00	2,375.72	2,403.45	2,372.12	7.20	7.18	-98.72	88.38	303.97	127.13	112.22	14.91	8.525				
2,500.00	2,474.40	2,503.56	2,470.68	7.31	7.29	-98.66	90.92	320.02	131.69	116.55	15.13	8.701				
2,600.00	2,573.08	2,596.34	2,569.25	7.43	7.41	-98.61	93.46	336.06	136.24	120.87	15.38	8.861				
2,700.00	2,671.76	2,703.77	2,667.82	7.57	7.55	-98.56	96.01	352.11	140.80	125.14	15.66	8.991				
2,800.00	2,770.44	2,803.87	2,766.38	7.72	7.70	-98.52	98.55	368.16	145.36	129.40	15.96	9.108				
2,900.00	2,869.12	2,903.97	2,864.95	7.89	7.86	-98.47	101.09	384.20	149.91	133.63	16.28	9.208				
3,000.00	2,967.80	3,004.08	2,963.51	8.06	8.04	-98.43	103.63	400.25	154.47	137.85	16.62	9.293				
3,100.00	3,066.48	3,104.18	3,062.08	8.24	8.22	-98.39	106.17	416.30	159.03	142.04	16.99	9.363				
3,200.00	3,165.16	3,204.29	3,160.65	8.43	8.41	-98.36	108.71	432.34	163.59	146.22	17.37	9.420				
3,300.00	3,263.84	3,295.61	3,259.21	8.64	8.59	-98.32	111.26	448.39	168.14	150.40	17.75	9.475				
3,400.00	3,362.52	3,404.49	3,357.78	8.84	8.82	-98.29	113.80	464.44	172.70	154.52	18.18	9.500				
3,500.00	3,461.20	3,504.60	3,456.34	9.06	9.03	-98.26	116.34	480.48	177.26	158.65	18.61	9.526				
3,600.00	3,559.88	3,604.70	3,554.91	9.29	9.25	-98.23	118.88	496.53	181.82	162.77	19.05	9.543				
3,700.00	3,658.56	3,704.81	3,653.48	9.52	9.48	-98.20	121.42	512.58	186.38	166.87	19.51	9.553				
3,800.00	3,757.24	3,804.91	3,752.04	9.75	9.72	-98.18	123.96	528.62	190.93	170.96	19.98	9.557				
3,900.00	3,855.92	3,905.01	3,850.61	9.99	9.96	-98.15	126.51	544.67	195.49	175.03	20.46	9.556				
4,000.00	3,954.60	4,005.12	3,949.17	10.24	10.20	-98.13	129.05	560.72	200.05	179.10	20.95	9.550				
4,100.00	4,053.28	4,105.22	4,047.74	10.49	10.45	-98.11	131.59	576.76	204.61	183.16	21.45	9.540				
4,200.00	4,151.96	4,205.33	4,146.31	10.75	10.71	-98.08	134.13	592.81	209.17	187.21	21.96	9.526				
4,300.00	4,250.64	4,305.43	4,244.87	11.01	10.97	-98.06	136.67	608.86	213.72	191.25	22.47	9.510				
4,400.00	4,349.32	4,405.53	4,343.44	11.28	11.23	-98.04	139.21	624.90	218.28	195.28	23.00	9.491				
4,500.00	4,448.00	4,505.64	4,442.00	11.55	11.49	-98.02	141.75	640.95	222.84	199.31	23.53	9.470				
4,600.00	4,546.68	4,605.74	4,540.57	11.82	11.76	-98.00	144.30	657.00	227.40	203.33	24.07	9.447				
4,700.00	4,645.36	4,705.85	4,639.14	12.09	12.04	-97.99	146.84	673.05	231.96	207.34	24.62	9.423				
4,800.00	4,744.04	4,805.95	4,737.70	12.37	12.31	-97.97	149.38	689.09	236.52	211.35	25.17	9.397				
4,900.00	4,842.72	4,906.05	4,836.27	12.65	12.59	-97.95	151.92	705.14	241.07	215.35	25.73	9.371				
5,000.00	4,941.40	5,006.16	4,934.83	12.94	12.87	-97.94	154.46	721.19	245.63	219.34	26.29	9.344				



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,106.26	5,033.40	13.22	13.16	-97.92	157.00	737.23	250.19	223.33	26.86	9.316		
5,200.00	5,138.76	5,193.63	5,131.97	13.51	13.41	-97.91	159.55	753.28	254.75	227.36	27.39	9.301		
5,300.00	5,237.44	5,306.47	5,230.53	13.80	13.73	-97.89	162.09	769.33	259.31	231.30	28.00	9.260		
5,400.00	5,336.12	5,406.57	5,329.10	14.10	14.02	-97.88	164.63	785.37	263.86	235.28	28.58	9.232		
5,500.00	5,434.80	5,506.68	5,427.66	14.39	14.31	-97.87	167.17	801.42	268.42	239.26	29.17	9.203		
5,600.00	5,533.48	5,606.78	5,526.23	14.69	14.61	-97.85	169.71	817.47	272.98	243.23	29.75	9.175		
5,700.00	5,632.16	5,706.89	5,624.80	14.98	14.90	-97.84	172.25	833.51	277.54	247.20	30.34	9.147		
5,800.00	5,730.84	5,806.99	5,723.36	15.28	15.20	-97.83	174.79	849.56	282.10	251.16	30.94	9.118		
5,900.00	5,829.52	5,907.09	5,821.93	15.59	15.50	-97.82	177.34	865.61	286.66	255.12	31.53	9.091		
6,000.00	5,928.20	6,007.20	5,920.49	15.89	15.80	-97.81	179.88	881.65	291.22	259.08	32.13	9.063		
6,100.00	6,026.87	6,107.30	6,019.06	16.19	16.10	-97.80	182.42	897.70	295.77	263.04	32.73	9.036		
6,200.00	6,125.55	6,207.41	6,117.63	16.50	16.40	-97.79	184.96	913.75	300.33	266.99	33.34	9.008		
6,300.00	6,224.23	6,307.51	6,216.19	16.80	16.71	-97.78	187.50	929.79	304.89	270.94	33.95	8.982		
6,400.00	6,322.91	6,407.61	6,314.76	17.11	17.01	-97.77	190.04	945.84	309.45	274.89	34.55	8.955		
6,500.00	6,421.59	6,492.28	6,413.33	17.42	17.27	-97.76	192.59	961.89	314.01	278.89	35.12	8.941		
6,600.00	6,520.27	6,590.61	6,511.13	17.73	17.47	-99.02	195.12	970.61	318.78	283.19	35.59	8.956		
6,700.00	6,619.08	6,684.80	6,605.03	18.02	17.59	-106.48	197.57	964.76	324.90	289.00	35.90	9.050		
6,800.00	6,718.91	6,775.34	6,693.52	18.18	17.65	104.60	199.91	946.15	332.88	296.90	35.98	9.251		
6,900.00	6,817.97	6,863.32	6,776.15	18.28	17.67	82.90	202.11	916.21	342.08	306.16	35.92	9.524		
7,000.00	6,913.82	6,949.15	6,852.03	18.32	17.67	76.92	204.14	876.31	351.89	316.14	35.74	9.846		
7,100.00	7,004.10	7,033.21	6,920.50	18.32	17.66	73.00	206.00	827.67	361.70	326.20	35.50	10.188		
7,200.00	7,086.58	7,115.86	6,981.00	18.29	17.65	70.08	207.67	771.48	370.98	335.72	35.26	10.520		
7,300.00	7,159.23	7,197.39	7,033.06	18.27	17.67	67.87	209.12	708.82	379.29	344.18	35.10	10.805		
7,400.00	7,220.27	7,278.10	7,076.30	18.29	17.74	66.26	210.35	640.75	386.24	351.15	35.09	11.006		
7,500.00	7,268.20	7,358.23	7,110.38	18.37	17.86	65.20	211.35	568.29	391.58	356.29	35.29	11.097		
7,600.00	7,301.82	7,438.05	7,135.01	18.53	18.06	64.66	212.11	492.43	395.10	359.39	35.72	11.062		
7,700.00	7,320.33	7,517.77	7,149.96	18.79	18.30	64.61	212.63	414.17	396.71	360.33	36.38	10.904		
7,778.64	7,325.25	7,580.56	7,154.78	19.07	18.54	64.75	212.85	351.60	397.20	360.16	37.04	10.723		
7,800.00	7,323.82	7,610.44	7,155.05	19.15	18.67	64.97	212.88	335.91	396.63	359.32	37.32	10.629		
7,900.00	7,323.12	7,703.76	7,154.23	19.64	19.15	65.02	213.02	235.91	397.58	359.31	38.27	10.389		
8,000.00	7,322.42	7,803.76	7,153.41	20.26	19.78	65.06	213.15	135.92	398.53	359.05	39.48	10.093		
8,100.00	7,321.72	7,903.77	7,152.58	21.00	20.54	65.10	213.29	35.93	399.49	358.58	40.91	9.765		
8,200.00	7,321.02	8,003.77	7,151.76	21.85	21.39	65.15	213.42	-64.06	400.44	357.91	42.52	9.417		
8,300.00	7,320.32	8,103.78	7,150.93	22.79	22.34	65.19	213.56	-164.05	401.39	357.08	44.30	9.060		
8,400.00	7,319.62	8,203.78	7,150.11	23.81	23.37	65.23	213.69	-264.04	402.34	356.11	46.23	8.702		
8,500.00	7,318.92	8,303.79	7,149.28	24.91	24.47	65.28	213.83	-364.03	403.29	355.00	48.30	8.351		
8,600.00	7,318.22	8,403.79	7,148.46	26.06	25.64	65.32	213.96	-464.03	404.25	353.78	50.47	8.010		
8,700.00	7,317.52	8,503.80	7,147.64	27.27	26.86	65.36	214.10	-564.02	405.20	352.45	52.75	7.682		
8,800.00	7,316.82	8,603.80	7,146.81	28.53	28.12	65.40	214.23	-664.01	406.15	351.04	55.11	7.370		
8,900.00	7,316.12	8,703.81	7,145.99	29.83	29.43	65.45	214.37	-764.00	407.11	349.55	57.55	7.074		
9,000.00	7,315.42	8,803.81	7,145.16	31.17	30.77	65.49	214.50	-863.99	408.06	348.00	60.06	6.794		
9,100.00	7,314.72	8,903.82	7,144.34	32.53	32.14	65.53	214.64	-963.98	409.01	346.38	62.63	6.530		
9,200.00	7,314.02	9,003.82	7,143.51	33.93	33.55	65.57	214.77	-1,063.98	409.97	344.71	65.25	6.283		
9,300.00	7,313.32	9,103.83	7,142.69	35.35	34.97	65.61	214.91	-1,163.97	410.92	343.00	67.92	6.050		
9,400.00	7,312.62	9,203.83	7,141.86	36.79	36.42	65.65	215.04	-1,263.96	411.87	341.24	70.64	5.831		
9,500.00	7,311.92	9,303.83	7,141.04	38.24	37.88	65.69	215.18	-1,363.95	412.83	339.44	73.39	5.625		
9,600.00	7,311.22	9,403.84	7,140.22	39.72	39.36	65.74	215.31	-1,463.94	413.78	337.61	76.17	5.432		
9,700.00	7,310.52	9,503.84	7,139.39	41.21	40.86	65.78	215.45	-1,563.93	414.74	335.76	78.98	5.251		
9,800.00	7,309.82	9,603.85	7,138.57	42.72	42.37	65.82	215.58	-1,663.92	415.69	333.87	81.82	5.080		
9,900.00	7,309.12	9,703.85	7,137.74	44.23	43.89	65.86	215.72	-1,763.92	416.65	331.96	84.69	4.920		
10,000.00	7,308.42	9,803.86	7,136.92	45.76	45.43	65.90	215.85	-1,863.91	417.60	330.03	87.57	4.769		
10,100.00	7,307.72	9,903.86	7,136.09	47.30	46.97	65.94	215.99	-1,963.90	418.56	328.08	90.48	4.626		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1B-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	7,307.02	10,003.87	7,135.27	48.85	48.52	65.98	216.12	-2,063.89	419.52	326.11	93.40	4.491		
10,300.00	7,306.32	10,103.87	7,134.45	50.40	50.08	66.02	216.26	-2,163.88	420.47	324.13	96.34	4.364		
10,400.00	7,305.62	10,203.88	7,133.62	51.96	51.65	66.05	216.39	-2,263.87	421.43	322.13	99.30	4.244		
10,500.00	7,304.92	10,303.88	7,132.80	53.53	53.22	66.09	216.53	-2,363.87	422.39	320.11	102.27	4.130		
10,600.00	7,304.22	10,403.89	7,131.97	55.11	54.80	66.13	216.66	-2,463.86	423.34	318.09	105.26	4.022		
10,700.00	7,303.52	10,503.89	7,131.15	56.69	56.39	66.17	216.80	-2,563.85	424.30	316.05	108.25	3.920		
10,800.00	7,302.82	10,603.90	7,130.32	58.28	57.98	66.21	216.93	-2,663.84	425.26	314.00	111.26	3.822		
10,900.00	7,302.12	10,696.10	7,129.50	59.87	59.45	66.25	217.07	-2,763.83	426.21	312.05	114.16	3.733		
11,000.00	7,301.42	10,803.91	7,128.67	61.46	61.17	66.29	217.20	-2,863.82	427.17	309.87	117.30	3.642		
11,100.00	7,300.72	10,903.91	7,127.85	63.06	62.77	66.32	217.34	-2,963.81	428.13	307.79	120.34	3.558		
11,200.00	7,300.02	11,003.92	7,127.03	64.67	64.38	66.36	217.47	-3,063.81	429.09	305.70	123.39	3.478		
11,300.00	7,299.32	11,103.92	7,126.20	66.27	65.99	66.40	217.61	-3,163.80	430.04	303.61	126.44	3.401		
11,400.00	7,298.62	11,203.93	7,125.38	67.88	67.60	66.44	217.74	-3,263.79	431.00	301.51	129.50	3.328		
11,500.00	7,297.93	11,303.93	7,124.55	69.50	69.22	66.48	217.88	-3,363.78	431.96	299.40	132.56	3.259		
11,600.00	7,297.23	11,403.94	7,123.73	71.11	70.84	66.51	218.01	-3,463.77	432.92	297.28	135.64	3.192		
11,700.00	7,296.53	11,503.94	7,122.90	72.73	72.46	66.55	218.15	-3,563.76	433.88	295.16	138.72	3.128		
11,800.00	7,295.83	11,603.95	7,122.08	74.35	74.09	66.59	218.28	-3,663.75	434.84	293.04	141.80	3.067		
11,900.00	7,295.13	11,703.95	7,121.26	75.97	75.71	66.62	218.42	-3,763.75	435.80	290.90	144.89	3.008		
12,000.00	7,294.43	11,803.96	7,120.43	77.60	77.34	66.66	218.55	-3,863.74	436.76	288.77	147.99	2.951		
12,100.00	7,293.73	11,903.96	7,119.61	79.23	78.97	66.70	218.69	-3,963.73	437.72	286.63	151.09	2.897		
12,200.00	7,293.03	12,003.97	7,118.78	80.86	80.60	66.73	218.82	-4,063.72	438.68	284.48	154.19	2.845		
12,300.00	7,292.33	12,103.97	7,117.96	82.49	82.24	66.77	218.96	-4,163.71	439.64	282.33	157.30	2.795		
12,400.00	7,291.63	12,203.98	7,117.13	84.12	83.87	66.80	219.09	-4,263.70	440.60	280.18	160.42	2.747		
12,500.00	7,290.93	12,303.98	7,116.31	85.76	85.51	66.84	219.23	-4,363.70	441.56	278.02	163.54	2.700		
12,600.00	7,290.23	12,403.99	7,115.48	87.39	87.15	66.88	219.36	-4,463.69	442.52	275.86	166.66	2.655		
12,700.00	7,289.53	12,503.99	7,114.66	89.03	88.79	66.91	219.50	-4,563.68	443.48	273.69	169.78	2.612		
12,800.00	7,288.83	12,604.00	7,113.84	90.67	90.43	66.95	219.63	-4,663.67	444.44	271.52	172.91	2.570		
12,900.00	7,288.13	12,704.00	7,113.01	92.31	92.07	66.98	219.77	-4,763.66	445.40	269.35	176.05	2.530		
13,000.00	7,287.43	12,804.01	7,112.19	93.95	93.72	67.02	219.90	-4,863.65	446.36	267.18	179.18	2.491		
13,100.00	7,286.73	12,904.01	7,111.36	95.59	95.36	67.05	220.04	-4,963.64	447.32	265.00	182.32	2.453		
13,200.00	7,286.03	13,004.02	7,110.54	97.24	97.01	67.09	220.18	-5,063.64	448.28	262.82	185.46	2.417		
13,300.00	7,285.33	13,104.02	7,109.71	98.88	98.65	67.12	220.31	-5,163.63	449.24	260.64	188.61	2.382		
13,400.00	7,284.63	13,204.03	7,108.89	100.53	100.30	67.16	220.45	-5,263.62	450.21	258.45	191.76	2.348		
13,500.00	7,283.93	13,304.03	7,108.06	102.17	101.95	67.19	220.58	-5,363.61	451.17	256.26	194.91	2.315		
13,600.00	7,283.23	13,404.04	7,107.24	103.82	103.60	67.22	220.72	-5,463.60	452.13	254.07	198.06	2.283		
13,700.00	7,282.53	13,504.04	7,106.42	105.47	105.25	67.26	220.85	-5,563.59	453.09	251.88	201.22	2.252		
13,800.00	7,281.83	13,604.05	7,105.59	107.12	106.90	67.29	220.99	-5,663.59	454.05	249.68	204.37	2.222		
13,900.00	7,281.13	13,704.05	7,104.77	108.77	108.55	67.33	221.12	-5,763.58	455.02	247.48	207.53	2.192		
14,000.00	7,280.43	13,804.06	7,103.94	110.42	110.20	67.36	221.26	-5,863.57	455.98	245.28	210.70	2.164		
14,100.00	7,279.73	13,904.06	7,103.12	112.07	111.86	67.39	221.39	-5,963.56	456.94	243.08	213.86	2.137		
14,200.00	7,279.03	14,004.07	7,102.29	113.72	113.51	67.43	221.53	-6,063.55	457.90	240.88	217.03	2.110		
14,300.00	7,278.33	14,104.07	7,101.47	115.37	115.17	67.46	221.66	-6,163.54	458.87	238.67	220.20	2.084		
14,400.00	7,277.63	14,204.08	7,100.65	117.03	116.82	67.49	221.80	-6,263.53	459.83	236.46	223.37	2.059		
14,500.00	7,276.93	14,304.08	7,099.82	118.68	118.48	67.52	221.93	-6,363.53	460.79	234.25	226.54	2.034		
14,600.00	7,276.23	14,404.09	7,099.00	120.33	120.13	67.56	222.07	-6,463.52	461.76	232.04	229.72	2.010		
14,700.00	7,275.53	14,504.09	7,098.17	121.99	121.79	67.59	222.20	-6,563.51	462.72	229.83	232.90	1.987		
14,800.00	7,274.83	14,604.10	7,097.35	123.64	123.45	67.62	222.34	-6,663.50	463.69	227.61	236.07	1.964		
14,900.00	7,274.13	14,704.10	7,096.52	125.30	125.11	67.65	222.47	-6,763.49	464.65	225.39	239.26	1.942		
15,000.00	7,273.43	14,804.11	7,095.70	126.96	126.76	67.69	222.61	-6,863.48	465.61	223.18	242.44	1.921		
15,100.00	7,272.74	14,904.11	7,094.87	128.61	128.42	67.72	222.74	-6,963.48	466.58	220.96	245.62	1.900		
15,200.00	7,272.04	14,995.88	7,094.05	130.27	129.94	67.75	222.88	-7,063.47	467.54	218.87	248.68	1.880		
15,300.00	7,271.34	15,095.88	7,093.23	131.93	131.60	67.78	223.01	-7,163.46	468.51	216.64	251.86	1.860		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 21C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 21C-1-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design	6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,305.02	7,271.30	15,100.90	7,093.18	132.01	131.69	67.78	223.02	-7,168.48	468.56	216.53	252.02	1.859 SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1500-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	175.48	-59.75	4.73	59.93					
100.00	100.00	100.00	100.00	3.28	3.28	175.48	-59.75	4.73	59.93	52.40	7.53	7.960		
200.00	200.00	200.00	200.00	3.31	3.31	175.48	-59.75	4.73	59.93	52.36	7.57	7.913		
300.00	300.00	300.00	300.00	3.35	3.35	78.74	-59.75	4.73	59.85	52.18	7.66	7.811		
326.06	326.05	325.75	325.75	3.36	3.36	79.18	-59.80	4.83	59.80	52.11	7.69	7.777	CC, ES	
400.00	399.93	398.84	398.83	3.41	3.41	80.61	-60.60	6.20	60.16	52.38	7.78	7.732		
500.00	499.68	497.71	497.56	3.50	3.49	82.88	-63.16	10.63	61.84	53.90	7.94	7.789		
600.00	599.13	596.58	596.05	3.61	3.59	85.36	-67.42	18.01	64.91	56.76	8.15	7.966		
700.00	698.15	695.42	694.16	3.75	3.72	87.88	-73.37	28.32	69.42	61.00	8.42	8.248		
800.00	796.84	794.22	791.77	3.93	3.88	89.46	-81.01	41.55	75.38	66.63	8.75	8.615		
900.00	895.52	906.82	888.98	4.13	4.11	88.73	-90.28	57.60	82.67	73.49	9.17	9.013		
1,000.00	994.20	992.88	986.74	4.36	4.32	87.61	-100.04	74.52	90.33	80.74	9.59	9.419		
1,100.00	1,092.88	1,107.43	1,084.50	4.61	4.63	86.66	-109.81	91.44	98.03	87.91	10.12	9.687		
1,200.00	1,191.56	1,207.74	1,182.26	4.87	4.92	85.86	-119.58	108.35	105.75	95.10	10.65	9.929		
1,300.00	1,290.24	1,308.05	1,280.02	5.15	5.23	85.16	-129.34	125.27	113.49	102.28	11.21	10.124		
1,400.00	1,388.92	1,408.36	1,377.78	5.44	5.56	84.55	-139.11	142.19	121.24	109.45	11.79	10.280		
1,500.00	1,487.60	1,508.67	1,475.53	5.74	5.89	84.01	-148.88	159.11	129.01	116.62	12.39	10.416		
1,600.00	1,586.28	1,591.02	1,573.29	6.04	6.04	83.54	-158.64	176.02	136.78	123.96	12.83	10.665		
1,700.00	1,684.96	1,690.71	1,671.05	6.36	6.10	83.11	-168.41	192.94	144.57	131.38	13.18	10.966		
1,800.00	1,783.64	1,809.59	1,768.81	6.68	6.18	82.73	-178.18	209.86	152.36	138.79	13.57	11.231		
1,900.00	1,882.32	1,890.10	1,866.57	6.86	6.25	82.39	-187.95	226.77	160.15	146.73	13.42	11.937		
2,000.00	1,981.00	1,989.79	1,964.33	6.89	6.36	82.08	-197.71	243.69	167.95	154.41	13.54	12.400		
2,100.00	2,079.68	2,089.48	2,062.09	6.95	6.48	81.80	-207.48	260.61	175.76	162.05	13.71	12.824		
2,200.00	2,178.36	2,189.17	2,159.85	7.01	6.63	81.54	-217.25	277.53	183.57	169.67	13.90	13.207		
2,300.00	2,277.04	2,288.86	2,257.60	7.10	6.79	81.30	-227.01	294.44	191.38	177.26	14.12	13.550		
2,400.00	2,375.72	2,388.55	2,355.36	7.20	6.96	81.08	-236.78	311.36	199.20	184.82	14.38	13.854		
2,500.00	2,474.40	2,488.24	2,453.12	7.31	7.15	80.87	-246.55	328.28	207.02	192.36	14.66	14.121		
2,600.00	2,573.08	2,587.94	2,550.88	7.43	7.35	80.69	-256.32	345.19	214.84	199.87	14.97	14.353		
2,700.00	2,671.76	2,687.63	2,648.64	7.57	7.57	80.51	-266.08	362.11	222.66	207.36	15.30	14.552		
2,800.00	2,770.44	2,787.32	2,746.40	7.72	7.79	80.35	-275.85	379.03	230.49	214.83	15.66	14.722		
2,900.00	2,869.12	2,887.01	2,844.16	7.89	8.03	80.20	-285.62	395.94	238.31	222.28	16.03	14.865		
3,000.00	2,967.80	2,986.70	2,941.91	8.06	8.27	80.05	-295.38	412.86	246.14	229.72	16.43	14.983		
3,100.00	3,066.48	3,086.39	3,039.67	8.24	8.53	79.92	-305.15	429.78	253.97	237.13	16.84	15.080		
3,200.00	3,165.16	3,186.08	3,137.43	8.43	8.79	79.79	-314.92	446.70	261.80	244.53	17.27	15.157		
3,300.00	3,263.84	3,285.77	3,235.19	8.64	9.06	79.67	-324.68	463.61	269.64	251.92	17.72	15.217		
3,400.00	3,362.52	3,385.47	3,332.95	8.84	9.33	79.56	-334.45	480.53	277.47	259.29	18.18	15.262		
3,500.00	3,461.20	3,485.16	3,430.71	9.06	9.62	79.46	-344.22	497.45	285.31	266.65	18.65	15.294		
3,600.00	3,559.88	3,584.85	3,528.47	9.29	9.90	79.36	-353.99	514.36	293.14	274.00	19.14	15.315		
3,700.00	3,658.56	3,684.54	3,626.23	9.52	10.19	79.26	-363.75	531.28	300.98	281.34	19.64	15.326		
3,800.00	3,757.24	3,784.23	3,723.98	9.75	10.49	79.17	-373.52	548.20	308.82	288.67	20.15	15.328		
3,900.00	3,855.92	3,883.92	3,821.74	9.99	10.79	79.08	-383.29	565.11	316.65	295.99	20.67	15.323		
4,000.00	3,954.60	3,983.61	3,919.50	10.24	11.10	79.00	-393.05	582.03	324.49	303.30	21.19	15.312		
4,100.00	4,053.28	4,083.30	4,017.26	10.49	11.40	78.93	-402.82	598.95	332.33	310.60	21.73	15.296		
4,200.00	4,151.96	4,183.00	4,115.02	10.75	11.72	78.85	-412.59	615.87	340.17	317.90	22.27	15.275		
4,300.00	4,250.64	4,282.69	4,212.78	11.01	12.03	78.78	-422.36	632.78	348.01	325.19	22.82	15.250		
4,400.00	4,349.32	4,382.38	4,310.54	11.28	12.35	78.71	-432.12	649.70	355.85	332.48	23.38	15.222		
4,500.00	4,448.00	4,482.07	4,408.30	11.55	12.67	78.65	-441.89	666.62	363.69	339.75	23.94	15.192		
4,600.00	4,546.68	4,581.76	4,506.05	11.82	12.99	78.59	-451.66	683.53	371.54	347.03	24.51	15.160		
4,700.00	4,645.36	4,681.45	4,603.81	12.09	13.31	78.53	-461.42	700.45	379.38	354.30	25.08	15.125		
4,800.00	4,744.04	4,781.14	4,701.57	12.37	13.64	78.47	-471.19	717.37	387.22	361.56	25.66	15.090		
4,900.00	4,842.72	4,880.83	4,799.33	12.65	13.97	78.42	-480.96	734.29	395.06	368.82	26.24	15.053		
5,000.00	4,941.40	4,980.53	4,897.09	12.94	14.30	78.36	-490.72	751.20	402.91	376.07	26.83	15.016		

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## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1500-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,080.22	4,994.85	13.22	14.63	78.31	-500.49	768.12	410.75	383.33	27.42	14.978		
5,200.00	5,138.76	5,179.91	5,092.61	13.51	14.96	78.26	-510.26	785.04	418.59	390.57	28.02	14.939		
5,300.00	5,237.44	5,279.60	5,190.37	13.80	15.30	78.22	-520.03	801.95	426.44	397.82	28.62	14.901		
5,400.00	5,336.12	5,379.29	5,288.12	14.10	15.64	78.17	-529.79	818.87	434.28	405.06	29.22	14.862		
5,500.00	5,434.80	5,478.98	5,385.88	14.39	15.97	78.13	-539.56	835.79	442.13	412.30	29.83	14.823		
5,600.00	5,533.48	5,578.67	5,483.64	14.69	16.31	78.09	-549.33	852.70	449.97	419.54	30.43	14.785		
5,700.00	5,632.16	5,678.36	5,581.40	14.98	16.65	78.04	-559.09	869.62	457.82	426.77	31.05	14.746		
5,800.00	5,730.84	5,778.06	5,679.16	15.28	16.99	78.01	-568.86	886.54	465.66	434.00	31.66	14.708		
5,900.00	5,829.52	5,877.75	5,776.92	15.59	17.33	77.97	-578.63	903.46	473.51	441.23	32.28	14.671		
6,000.00	5,928.20	5,977.44	5,874.68	15.89	17.68	77.93	-588.39	920.37	481.35	448.46	32.89	14.633		
6,100.00	6,026.87	6,077.13	5,972.44	16.19	18.02	77.89	-598.16	937.29	489.20	455.69	33.52	14.596		
6,200.00	6,125.55	6,176.82	6,070.19	16.50	18.36	77.86	-607.93	954.21	497.05	462.91	34.14	14.560		
6,300.00	6,224.23	6,276.51	6,167.95	16.80	18.71	77.83	-617.70	971.12	504.89	470.13	34.76	14.524		
6,400.00	6,322.91	6,376.20	6,265.71	17.11	19.06	77.79	-627.46	988.04	512.74	477.35	35.39	14.489		
6,500.00	6,421.59	6,475.89	6,363.47	17.42	19.40	77.76	-637.23	1,004.96	520.59	484.57	36.02	14.454		
6,600.00	6,520.27	6,575.59	6,461.23	17.73	19.75	77.73	-647.00	1,021.88	528.43	491.79	36.65	14.420		
6,700.00	6,619.08	6,675.25	6,558.96	18.02	20.10	74.12	-656.76	1,038.79	536.35	499.10	37.25	14.397		
6,800.00	6,718.91	6,779.09	6,661.32	18.18	20.39	-70.76	-667.04	1,052.35	545.02	507.38	37.65	14.478		
6,900.00	6,817.97	6,886.71	6,768.21	18.28	20.55	-88.83	-677.98	1,049.40	553.83	515.96	37.87	14.625		
7,000.00	6,913.82	6,996.21	6,874.87	18.32	20.64	-91.51	-689.11	1,027.89	562.43	524.46	37.97	14.812		
7,100.00	7,004.10	7,107.41	6,977.77	18.32	20.67	-92.48	-700.09	987.60	570.56	532.58	37.98	15.024		
7,200.00	7,086.58	7,220.00	7,073.24	18.29	20.65	-92.82	-710.53	929.11	577.93	540.00	37.93	15.236		
7,300.00	7,159.23	7,333.60	7,157.65	18.27	20.59	-92.82	-720.04	853.91	584.32	546.42	37.91	15.415		
7,400.00	7,220.27	7,447.73	7,227.71	18.29	20.53	-92.58	-728.26	764.38	589.54	551.56	37.98	15.524		
7,500.00	7,268.20	7,561.90	7,280.76	18.37	20.48	-92.16	-734.88	663.68	593.45	555.22	38.22	15.526		
7,600.00	7,301.82	7,675.58	7,314.97	18.53	20.49	-91.59	-739.67	555.53	595.96	557.28	38.68	15.406		
7,700.00	7,320.33	7,788.28	7,329.48	18.79	20.58	-90.91	-742.49	443.96	597.07	557.71	39.36	15.170		
7,800.00	7,323.82	7,908.39	7,329.39	19.15	20.84	-90.53	-743.72	340.64	597.27	557.03	40.24	14.844		
7,900.00	7,323.12	7,991.61	7,328.53	19.64	21.16	-90.52	-744.84	240.65	597.52	556.35	41.18	14.511		
8,000.00	7,322.42	8,108.39	7,327.68	20.26	21.82	-90.50	-745.95	140.66	597.78	555.23	42.55	14.048		
8,100.00	7,321.72	8,191.61	7,326.82	21.00	22.40	-90.49	-747.07	40.68	598.04	554.12	43.92	13.616		
8,200.00	7,321.02	8,308.39	7,325.97	21.85	23.36	-90.47	-748.18	-59.31	598.29	552.54	45.75	13.077		
8,300.00	7,320.32	8,408.39	7,325.11	22.79	24.29	-90.46	-749.30	-159.30	598.55	550.92	47.63	12.567		
8,400.00	7,319.62	8,491.61	7,324.26	23.81	25.13	-90.44	-750.41	-259.29	598.81	549.32	49.49	12.099		
8,500.00	7,318.92	8,608.39	7,323.40	24.91	26.38	-90.43	-751.52	-359.28	599.06	547.23	51.84	11.557		
8,600.00	7,318.22	8,708.39	7,322.55	26.06	27.53	-90.41	-752.64	-459.27	599.32	545.19	54.13	11.072		
8,700.00	7,317.52	8,808.39	7,321.69	27.27	28.72	-90.40	-753.75	-559.26	599.58	543.05	56.53	10.606		
8,800.00	7,316.82	8,908.39	7,320.84	28.53	29.96	-90.38	-754.87	-659.25	599.83	540.81	59.03	10.162		
8,900.00	7,316.12	8,991.61	7,319.98	29.83	31.03	-90.37	-755.98	-759.24	600.09	538.71	61.39	9.776		
9,000.00	7,315.42	9,108.40	7,319.13	31.17	32.56	-90.35	-757.09	-859.23	600.35	536.10	64.25	9.344		
9,100.00	7,314.72	9,208.40	7,318.27	32.53	33.91	-90.34	-758.21	-959.22	600.61	533.64	66.96	8.969		
9,200.00	7,314.02	9,308.40	7,317.42	33.93	35.29	-90.32	-759.32	-1,059.21	600.86	531.13	69.73	8.617		
9,300.00	7,313.32	9,408.40	7,316.56	35.35	36.69	-90.31	-760.44	-1,159.20	601.12	528.57	72.55	8.286		
9,400.00	7,312.62	9,508.40	7,315.71	36.79	38.11	-90.29	-761.55	-1,259.19	601.38	525.97	75.41	7.975		
9,500.00	7,311.92	9,608.40	7,314.85	38.24	39.55	-90.28	-762.67	-1,359.18	601.64	523.33	78.31	7.683		
9,600.00	7,311.22	9,691.60	7,314.00	39.72	40.76	-90.26	-763.78	-1,459.17	601.89	520.90	80.99	7.431		
9,700.00	7,310.52	9,808.40	7,313.14	41.21	42.49	-90.25	-764.89	-1,559.16	602.15	517.94	84.21	7.151		
9,800.00	7,309.82	9,908.40	7,312.29	42.72	43.97	-90.23	-766.01	-1,659.15	602.41	515.21	87.20	6.908		
9,900.00	7,309.12	10,008.40	7,311.43	44.23	45.48	-90.22	-767.12	-1,759.14	602.67	512.45	90.22	6.680		
10,000.00	7,308.42	10,091.60	7,310.58	45.76	46.73	-90.20	-768.24	-1,859.13	602.92	509.92	93.00	6.483		
10,100.00	7,307.72	10,208.40	7,309.72	47.30	48.51	-90.19	-769.35	-1,959.12	603.18	506.86	96.32	6.262		
10,200.00	7,307.02	10,308.40	7,308.87	48.85	50.04	-90.17	-770.46	-2,059.11	603.44	504.04	99.40	6.071		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1500-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,306.32	10,408.40	7,308.01	50.40	51.59	-90.16	-771.58	-2,159.10	603.70	501.20	102.50	5.890		
10,400.00	7,305.62	10,508.40	7,307.16	51.96	53.14	-90.14	-772.69	-2,259.09	603.95	498.34	105.61	5.719		
10,500.00	7,304.92	10,608.40	7,306.30	53.53	54.69	-90.13	-773.81	-2,359.08	604.21	495.47	108.74	5.557		
10,600.00	7,304.22	10,708.40	7,305.45	55.11	56.26	-90.11	-774.92	-2,459.07	604.47	492.59	111.88	5.403		
10,700.00	7,303.52	10,808.40	7,304.59	56.69	57.83	-90.10	-776.04	-2,559.06	604.73	489.70	115.03	5.257		
10,800.00	7,302.82	10,908.40	7,303.74	58.28	59.40	-90.09	-777.15	-2,659.05	604.98	486.79	118.19	5.119		
10,900.00	7,302.12	11,008.40	7,302.88	59.87	60.98	-90.07	-778.26	-2,759.04	605.24	483.88	121.36	4.987		
11,000.00	7,301.42	11,108.40	7,302.03	61.46	62.57	-90.06	-779.38	-2,859.03	605.50	480.95	124.55	4.862		
11,100.00	7,300.72	11,208.41	7,301.17	63.06	64.16	-90.04	-780.49	-2,959.02	605.76	478.02	127.74	4.742		
11,200.00	7,300.02	11,308.41	7,300.32	64.67	65.75	-90.03	-781.61	-3,059.01	606.02	475.08	130.93	4.628		
11,300.00	7,299.32	11,391.59	7,299.46	66.27	67.08	-90.01	-782.72	-3,158.99	606.27	472.40	133.87	4.529		
11,400.00	7,298.62	11,508.41	7,298.61	67.88	68.95	-90.00	-783.83	-3,258.98	606.53	469.18	137.35	4.416		
11,500.00	7,297.93	11,608.41	7,297.75	69.50	70.55	-89.98	-784.95	-3,358.97	606.79	466.22	140.57	4.317		
11,600.00	7,297.23	11,708.41	7,296.90	71.11	72.16	-89.97	-786.06	-3,458.96	607.05	463.25	143.80	4.222		
11,700.00	7,296.53	11,808.41	7,296.04	72.73	73.77	-89.95	-787.18	-3,558.95	607.31	460.28	147.03	4.131		
11,800.00	7,295.83	11,908.41	7,295.19	74.35	75.38	-89.94	-788.29	-3,658.94	607.57	457.30	150.26	4.043		
11,900.00	7,295.13	12,008.41	7,294.33	75.97	77.00	-89.92	-789.40	-3,758.93	607.82	454.32	153.50	3.960		
12,000.00	7,294.43	12,108.41	7,293.48	77.60	78.62	-89.91	-790.52	-3,858.92	608.08	451.34	156.75	3.879		
12,100.00	7,293.73	12,208.41	7,292.62	79.23	80.24	-89.89	-791.63	-3,958.91	608.34	448.35	160.00	3.802		
12,200.00	7,293.03	12,308.41	7,291.77	80.86	81.86	-89.88	-792.75	-4,058.90	608.60	445.35	163.25	3.728		
12,300.00	7,292.33	12,408.41	7,290.91	82.49	83.49	-89.87	-793.86	-4,158.89	608.86	442.35	166.51	3.657		
12,400.00	7,291.63	12,508.41	7,290.06	84.12	85.11	-89.85	-794.98	-4,258.88	609.12	439.35	169.77	3.588		
12,500.00	7,290.93	12,608.41	7,289.20	85.76	86.74	-89.84	-796.09	-4,358.87	609.37	436.35	173.03	3.522		
12,600.00	7,290.23	12,708.41	7,288.35	87.39	88.37	-89.82	-797.20	-4,458.86	609.63	433.34	176.30	3.458		
12,700.00	7,289.53	12,808.41	7,287.49	89.03	90.00	-89.81	-798.32	-4,558.85	609.89	430.33	179.57	3.396		
12,800.00	7,288.83	12,908.41	7,286.63	90.67	91.63	-89.79	-799.43	-4,658.84	610.15	427.31	182.84	3.337		
12,900.00	7,288.13	13,008.41	7,285.78	92.31	93.27	-89.78	-800.55	-4,758.83	610.41	424.30	186.11	3.280		
13,000.00	7,287.43	13,091.59	7,284.92	93.95	94.63	-89.76	-801.66	-4,858.82	610.67	421.55	189.12	3.229		
13,100.00	7,286.73	13,208.41	7,284.07	95.59	96.54	-89.75	-802.77	-4,958.81	610.93	418.25	192.67	3.171		
13,200.00	7,286.03	13,308.41	7,283.21	97.24	98.18	-89.74	-803.89	-5,058.80	611.19	415.23	195.95	3.119		
13,300.00	7,285.33	13,408.42	7,282.36	98.88	99.82	-89.72	-805.00	-5,158.79	611.44	412.20	199.24	3.069		
13,400.00	7,284.63	13,508.42	7,281.50	100.53	101.46	-89.71	-806.12	-5,258.78	611.70	409.18	202.53	3.020		
13,500.00	7,283.93	13,608.42	7,280.65	102.17	103.10	-89.69	-807.23	-5,358.77	611.96	406.15	205.82	2.973		
13,600.00	7,283.23	13,691.58	7,279.79	103.82	104.47	-89.68	-808.35	-5,458.76	612.22	403.39	208.83	2.932		
13,700.00	7,282.53	13,808.42	7,278.94	105.47	106.39	-89.66	-809.46	-5,558.75	612.48	400.08	212.40	2.884		
13,800.00	7,281.83	13,908.42	7,278.08	107.12	108.03	-89.65	-810.57	-5,658.74	612.74	397.05	215.69	2.841		
13,900.00	7,281.13	14,008.42	7,277.23	108.77	109.68	-89.63	-811.69	-5,758.73	613.00	394.01	218.99	2.799		
14,000.00	7,280.43	14,108.42	7,276.37	110.42	111.33	-89.62	-812.80	-5,858.72	613.26	390.97	222.29	2.759		
14,100.00	7,279.73	14,208.42	7,275.52	112.07	112.97	-89.61	-813.92	-5,958.71	613.52	387.93	225.58	2.720		
14,200.00	7,279.03	14,308.42	7,274.66	113.72	114.62	-89.59	-815.03	-6,058.70	613.78	384.89	228.88	2.682		
14,300.00	7,278.33	14,408.42	7,273.81	115.37	116.27	-89.58	-816.14	-6,158.69	614.04	381.85	232.19	2.645		
14,400.00	7,277.63	14,508.42	7,272.95	117.03	117.92	-89.56	-817.26	-6,258.68	614.29	378.81	235.49	2.609		
14,500.00	7,276.93	14,608.42	7,272.10	118.68	119.57	-89.55	-818.37	-6,358.66	614.55	375.76	238.79	2.574		
14,600.00	7,276.23	14,691.58	7,271.24	120.33	120.94	-89.53	-819.49	-6,458.65	614.81	372.99	241.82	2.542		
14,700.00	7,275.53	14,808.42	7,270.39	121.99	122.87	-89.52	-820.60	-6,558.64	615.07	369.67	245.40	2.506		
14,800.00	7,274.83	14,908.42	7,269.53	123.64	124.52	-89.51	-821.72	-6,658.63	615.33	366.62	248.71	2.474		
14,900.00	7,274.13	15,008.42	7,268.68	125.30	126.18	-89.49	-822.83	-6,758.62	615.59	363.57	252.02	2.443		
15,000.00	7,273.43	15,108.42	7,267.82	126.96	127.83	-89.48	-823.94	-6,858.61	615.85	360.52	255.33	2.412		
15,100.00	7,272.74	15,208.42	7,266.97	128.61	129.48	-89.46	-825.06	-6,958.60	616.11	357.47	258.64	2.382		
15,200.00	7,272.04	15,291.58	7,266.11	130.27	130.86	-89.45	-826.17	-7,058.59	616.37	354.70	261.67	2.356		
15,300.00	7,271.34	15,391.58	7,265.26	131.93	132.51	-89.43	-827.29	-7,158.58	616.63	351.65	264.98	2.327		
15,305.02	7,271.30	15,396.60	7,265.22	132.01	132.59	-89.43	-827.34	-7,163.61	616.64	351.49	265.15	2.326 SF		

## Hewlett-Packard

### Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1A-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	175.42	-79.78	6.39	80.04				
100.00	100.00	101.00	101.00	3.28	3.28	175.42	-79.78	6.39	80.04	72.51	7.53	10.631	
200.00	200.00	201.00	201.00	3.31	3.31	175.42	-79.78	6.39	80.04	72.46	7.57	10.567	
295.42	295.41	296.15	296.15	3.35	3.35	78.80	-79.81	6.43	79.91	72.25	7.66	10.436 CC, ES	
300.00	300.00	300.66	300.66	3.35	3.35	78.53	-79.82	6.46	80.00	72.33	7.66	10.441	
400.00	399.93	399.08	399.04	3.41	3.41	79.51	-81.06	8.52	80.72	72.95	7.78	10.380	
500.00	499.68	497.48	497.28	3.50	3.49	80.84	-84.03	13.47	82.78	74.85	7.94	10.432	
600.00	599.13	595.86	595.22	3.61	3.59	82.43	-88.73	21.31	86.21	78.07	8.15	10.584	
700.00	698.15	694.17	692.73	3.75	3.72	84.16	-95.15	32.03	91.04	82.63	8.41	10.821	
800.00	796.84	792.40	789.67	3.93	3.89	85.33	-103.29	45.59	97.38	88.64	8.75	11.134	
900.00	895.52	909.39	886.01	4.13	4.15	84.78	-113.11	61.98	105.35	96.17	9.18	11.478	
1,000.00	994.20	1,009.78	983.43	4.36	4.40	83.69	-123.76	79.74	113.99	104.36	9.64	11.829	
1,100.00	1,092.88	1,089.82	1,080.86	4.61	4.63	82.76	-134.41	97.50	122.67	112.59	10.08	12.168	
1,200.00	1,191.56	1,189.43	1,178.29	4.87	4.93	81.96	-145.07	115.26	131.38	120.77	10.61	12.382	
1,300.00	1,290.24	1,289.03	1,275.72	5.15	5.26	81.25	-155.72	133.02	140.11	128.94	11.17	12.545	
1,400.00	1,388.92	1,388.64	1,373.14	5.44	5.59	80.63	-166.37	150.78	148.86	137.11	11.75	12.668	
1,500.00	1,487.60	1,488.24	1,470.57	5.74	5.94	80.07	-177.02	168.54	157.62	145.27	12.35	12.759	
1,600.00	1,586.28	1,587.84	1,568.00	6.04	6.31	79.58	-187.67	186.30	166.40	153.42	12.97	12.825	
1,700.00	1,684.96	1,687.45	1,665.43	6.36	6.68	79.13	-198.32	204.06	175.19	161.58	13.61	12.872	
1,800.00	1,783.64	1,787.05	1,762.86	6.68	7.06	78.73	-208.97	221.82	183.98	169.73	14.26	12.905	
1,900.00	1,882.32	1,886.66	1,860.28	6.86	7.29	78.36	-219.62	239.58	192.79	178.54	14.25	13.534	
2,000.00	1,981.00	1,986.26	1,957.71	6.89	7.36	78.02	-230.27	257.34	201.60	187.27	14.33	14.067	
2,100.00	2,079.68	2,085.87	2,055.14	6.95	7.43	77.72	-240.92	275.10	210.42	195.99	14.43	14.583	
2,200.00	2,178.36	2,185.47	2,152.57	7.01	7.51	77.44	-251.57	292.86	219.25	204.69	14.56	15.058	
2,300.00	2,277.04	2,285.07	2,249.99	7.10	7.61	77.18	-262.22	310.62	228.08	213.35	14.72	15.492	
2,400.00	2,375.72	2,384.68	2,347.42	7.20	7.73	76.93	-272.87	328.38	236.91	222.00	14.92	15.884	
2,500.00	2,474.40	2,484.28	2,444.85	7.31	7.86	76.71	-283.52	346.14	245.75	230.61	15.14	16.234	
2,600.00	2,573.08	2,583.89	2,542.28	7.43	8.01	76.50	-294.17	363.90	254.59	239.20	15.39	16.545	
2,700.00	2,671.76	2,683.49	2,639.70	7.57	8.17	76.31	-304.82	381.66	263.43	247.77	15.66	16.818	
2,800.00	2,770.44	2,783.10	2,737.13	7.72	8.35	76.13	-315.47	399.42	272.28	256.32	15.97	17.054	
2,900.00	2,869.12	2,882.70	2,834.56	7.89	8.54	75.96	-326.12	417.18	281.13	264.84	16.29	17.257	
3,000.00	2,967.80	2,982.30	2,931.99	8.06	8.74	75.80	-336.77	434.94	289.98	273.35	16.64	17.429	
3,100.00	3,066.48	3,081.91	3,029.42	8.24	8.95	75.65	-347.42	452.70	298.84	281.83	17.01	17.573	
3,200.00	3,165.16	3,181.51	3,126.84	8.43	9.18	75.51	-358.07	470.46	307.69	290.30	17.39	17.691	
3,300.00	3,263.84	3,281.12	3,224.27	8.64	9.41	75.37	-368.72	488.22	316.55	298.75	17.80	17.786	
3,400.00	3,362.52	3,380.72	3,321.70	8.84	9.65	75.25	-379.37	505.98	325.41	307.19	18.22	17.861	
3,500.00	3,461.20	3,480.33	3,419.13	9.06	9.90	75.13	-390.02	523.74	334.27	315.62	18.66	17.918	
3,600.00	3,559.88	3,579.93	3,516.55	9.29	10.16	75.01	-400.67	541.50	343.13	324.03	19.11	17.958	
3,700.00	3,658.56	3,679.53	3,613.98	9.52	10.42	74.91	-411.32	559.26	352.00	332.43	19.57	17.985	
3,800.00	3,757.24	3,779.14	3,711.41	9.75	10.70	74.80	-421.97	577.02	360.86	340.81	20.05	17.999	
3,900.00	3,855.92	3,878.74	3,808.84	9.99	10.97	74.71	-432.63	594.78	369.73	349.19	20.54	18.002	
4,000.00	3,954.60	3,978.35	3,906.26	10.24	11.26	74.61	-443.28	612.55	378.59	357.56	21.04	17.997	
4,100.00	4,053.28	4,077.95	4,003.69	10.49	11.54	74.52	-453.93	630.31	387.46	365.92	21.55	17.983	
4,200.00	4,151.96	4,177.56	4,101.12	10.75	11.84	74.44	-464.58	648.07	396.33	374.27	22.06	17.963	
4,300.00	4,250.64	4,277.16	4,198.55	11.01	12.14	74.36	-475.23	665.83	405.20	382.61	22.59	17.936	
4,400.00	4,349.32	4,376.76	4,295.98	11.28	12.44	74.28	-485.88	683.59	414.07	390.94	23.13	17.905	
4,500.00	4,448.00	4,476.37	4,393.40	11.55	12.74	74.21	-496.53	701.35	422.94	399.27	23.67	17.870	
4,600.00	4,546.68	4,575.97	4,490.83	11.82	13.05	74.14	-507.18	719.11	431.81	407.60	24.22	17.831	
4,700.00	4,645.36	4,675.58	4,588.26	12.09	13.36	74.07	-517.83	736.87	440.69	415.91	24.77	17.790	
4,800.00	4,744.04	4,775.18	4,685.69	12.37	13.68	74.00	-528.48	754.63	449.56	424.22	25.33	17.746	
4,900.00	4,842.72	4,874.79	4,783.11	12.65	14.00	73.94	-539.13	772.39	458.43	432.53	25.90	17.700	
5,000.00	4,941.40	4,974.39	4,880.54	12.94	14.32	73.88	-549.78	790.15	467.31	440.83	26.47	17.653	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,073.99	4,977.97	13.22	14.65	73.82	-560.43	807.91	476.18	449.13	27.05	17.604		
5,200.00	5,138.76	5,173.60	5,075.40	13.51	14.97	73.76	-571.08	825.67	485.05	457.42	27.63	17.555		
5,300.00	5,237.44	5,273.20	5,172.82	13.80	15.30	73.71	-581.73	843.43	493.93	465.71	28.22	17.505		
5,400.00	5,336.12	5,372.81	5,270.25	14.10	15.63	73.66	-592.38	861.19	502.81	474.00	28.81	17.455		
5,500.00	5,434.80	5,472.41	5,367.68	14.39	15.96	73.61	-603.03	878.95	511.68	482.28	29.40	17.405		
5,600.00	5,533.48	5,572.02	5,465.11	14.69	16.30	73.56	-613.68	896.71	520.56	490.56	30.00	17.354		
5,700.00	5,632.16	5,671.62	5,562.54	14.98	16.63	73.51	-624.33	914.47	529.44	498.84	30.60	17.304		
5,800.00	5,730.84	5,771.22	5,659.96	15.28	16.97	73.46	-634.98	932.23	538.31	507.11	31.20	17.254		
5,900.00	5,829.52	5,870.83	5,757.39	15.59	17.31	73.42	-645.63	949.99	547.19	515.38	31.81	17.204		
6,000.00	5,928.20	5,970.43	5,854.82	15.89	17.65	73.38	-656.28	967.75	556.07	523.65	32.41	17.155		
6,100.00	6,026.87	6,070.04	5,952.25	16.19	17.99	73.34	-666.93	985.51	564.95	531.92	33.03	17.106		
6,200.00	6,125.55	6,169.64	6,049.67	16.50	18.34	73.30	-677.58	1,003.27	573.83	540.18	33.64	17.058		
6,300.00	6,224.23	6,269.25	6,147.10	16.80	18.68	73.26	-688.23	1,021.03	582.70	548.45	34.26	17.010		
6,400.00	6,322.91	6,368.85	6,244.53	17.11	19.03	73.22	-698.88	1,038.79	591.58	556.71	34.88	16.963		
6,500.00	6,421.59	6,475.97	6,349.70	17.42	19.34	73.43	-710.41	1,055.26	600.14	564.64	35.51	16.903		
6,600.00	6,520.27	6,587.22	6,460.12	17.73	19.52	75.24	-722.73	1,055.31	606.85	570.71	36.14	16.792		
6,700.00	6,619.08	6,689.79	6,560.50	18.02	19.61	74.82	-734.13	1,038.23	613.01	576.27	36.74	16.685		
6,800.00	6,718.91	6,785.67	6,650.73	18.18	19.65	-65.96	-744.57	1,007.80	620.98	583.86	37.12	16.728		
6,900.00	6,817.97	6,876.91	6,731.44	18.28	19.64	-80.08	-754.07	966.49	630.79	593.48	37.32	16.903		
7,000.00	6,913.82	6,964.34	6,802.50	18.32	19.61	-79.16	-762.61	916.40	641.94	604.58	37.36	17.183		
7,100.00	7,004.10	7,048.66	6,863.95	18.32	19.56	-76.94	-770.16	859.25	653.80	616.52	37.28	17.536		
7,200.00	7,086.58	7,130.45	6,915.87	18.29	19.51	-74.56	-776.72	796.47	665.77	628.62	37.16	17.919		
7,300.00	7,159.23	7,210.20	6,958.38	18.27	19.47	-72.31	-782.28	729.29	677.26	640.22	37.04	18.285		
7,400.00	7,220.27	7,288.32	6,991.61	18.29	19.45	-70.33	-786.84	658.79	687.71	650.70	37.00	18.585		
7,500.00	7,268.20	7,365.16	7,015.69	18.37	19.46	-68.66	-790.42	585.96	696.66	659.55	37.11	18.772		
7,600.00	7,301.82	7,441.01	7,030.73	18.53	19.50	-67.36	-793.00	511.70	703.73	666.33	37.40	18.815		
7,700.00	7,320.33	7,516.14	7,036.87	18.79	19.60	-66.42	-794.60	436.88	708.63	670.73	37.90	18.699		
7,800.00	7,323.82	7,608.80	7,036.25	19.15	19.82	-66.03	-795.66	344.23	710.46	671.75	38.71	18.354		
7,900.00	7,323.12	7,708.80	7,035.20	19.64	20.24	-66.02	-796.76	244.24	710.82	671.02	39.80	17.858		
8,000.00	7,322.42	7,808.80	7,034.14	20.26	20.83	-66.00	-797.86	144.26	711.19	670.08	41.11	17.298		
8,100.00	7,321.72	7,908.80	7,033.09	21.00	21.58	-65.98	-798.96	44.27	711.56	668.94	42.62	16.697		
8,200.00	7,321.02	8,008.80	7,032.03	21.85	22.44	-65.96	-800.06	-55.72	711.93	667.64	44.29	16.073		
8,300.00	7,320.32	8,108.80	7,030.98	22.79	23.41	-65.94	-801.16	-155.71	712.30	666.18	46.12	15.444		
8,400.00	7,319.62	8,208.80	7,029.92	23.81	24.45	-65.92	-802.26	-255.69	712.67	664.58	48.09	14.820		
8,500.00	7,318.92	8,308.80	7,028.87	24.91	25.57	-65.91	-803.36	-355.68	713.04	662.86	50.17	14.212		
8,600.00	7,318.22	8,408.80	7,027.81	26.06	26.75	-65.89	-804.47	-455.67	713.40	661.04	52.36	13.624		
8,700.00	7,317.52	8,508.80	7,026.76	27.27	27.98	-65.87	-805.57	-555.66	713.77	659.13	54.65	13.062		
8,800.00	7,316.82	8,608.79	7,025.70	28.53	29.25	-65.85	-806.67	-655.64	714.14	657.13	57.01	12.527		
8,900.00	7,316.12	8,708.79	7,024.65	29.83	30.56	-65.83	-807.77	-755.63	714.51	655.07	59.44	12.020		
9,000.00	7,315.42	8,808.79	7,023.59	31.17	31.91	-65.82	-808.87	-855.62	714.88	652.94	61.94	11.541		
9,100.00	7,314.72	8,908.79	7,022.54	32.53	33.28	-65.80	-809.97	-955.61	715.25	650.75	64.49	11.090		
9,200.00	7,314.02	9,008.79	7,021.48	33.93	34.68	-65.78	-811.07	-1,055.59	715.62	648.52	67.10	10.666		
9,300.00	7,313.32	9,108.79	7,020.43	35.35	36.10	-65.76	-812.17	-1,155.58	715.99	646.25	69.74	10.267		
9,400.00	7,312.62	9,208.79	7,019.37	36.79	37.55	-65.75	-813.27	-1,255.57	716.36	643.93	72.42	9.891		
9,500.00	7,311.92	9,308.79	7,018.32	38.24	39.01	-65.73	-814.37	-1,355.56	716.73	641.59	75.14	9.539		
9,600.00	7,311.22	9,408.79	7,017.26	39.72	40.49	-65.71	-815.48	-1,455.54	717.10	639.21	77.89	9.207		
9,700.00	7,310.52	9,508.79	7,016.21	41.21	41.98	-65.69	-816.58	-1,555.53	717.47	636.81	80.66	8.895		
9,800.00	7,309.82	9,608.78	7,015.15	42.72	43.49	-65.67	-817.68	-1,655.52	717.83	634.38	83.46	8.601		
9,900.00	7,309.12	9,708.78	7,014.10	44.23	45.01	-65.66	-818.78	-1,755.51	718.20	631.93	86.28	8.324		
10,000.00	7,308.42	9,808.78	7,013.04	45.76	46.53	-65.64	-819.88	-1,855.49	718.57	629.46	89.12	8.063		
10,100.00	7,307.72	9,908.78	7,011.99	47.30	48.07	-65.62	-820.98	-1,955.48	718.94	626.97	91.98	7.817		
10,200.00	7,307.02	10,008.78	7,010.93	48.85	49.62	-65.60	-822.08	-2,055.47	719.31	624.46	94.85	7.584		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1A-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	7,306.32	10,108.78	7,009.88	50.40	51.17	-65.59	-823.18	-2,155.46	719.68	621.94	97.74	7.363		
10,400.00	7,305.62	10,208.78	7,008.82	51.96	52.73	-65.57	-824.28	-2,255.44	720.05	619.41	100.64	7.155		
10,500.00	7,304.92	10,308.78	7,007.77	53.53	54.30	-65.55	-825.38	-2,355.43	720.42	616.87	103.56	6.957		
10,600.00	7,304.22	10,408.78	7,006.71	55.11	55.87	-65.53	-826.49	-2,455.42	720.79	614.31	106.48	6.769		
10,700.00	7,303.52	10,508.78	7,005.66	56.69	57.45	-65.51	-827.59	-2,555.41	721.16	611.75	109.42	6.591		
10,800.00	7,302.82	10,608.78	7,004.60	58.28	59.04	-65.50	-828.69	-2,655.39	721.53	609.17	112.36	6.422		
10,900.00	7,302.12	10,708.77	7,003.55	59.87	60.63	-65.48	-829.79	-2,755.38	721.90	606.59	115.32	6.260		
11,000.00	7,301.42	10,808.77	7,002.49	61.46	62.22	-65.46	-830.89	-2,855.37	722.28	604.00	118.28	6.107		
11,100.00	7,300.72	10,908.77	7,001.44	63.06	63.82	-65.44	-831.99	-2,955.36	722.65	601.40	121.24	5.960		
11,200.00	7,300.02	11,008.77	7,000.38	64.67	65.42	-65.43	-833.09	-3,055.34	723.02	598.80	124.22	5.820		
11,300.00	7,299.32	11,108.77	6,999.33	66.27	67.03	-65.41	-834.19	-3,155.33	723.39	596.19	127.20	5.687		
11,400.00	7,298.62	11,208.77	6,998.27	67.88	68.63	-65.39	-835.29	-3,255.32	723.76	593.57	130.19	5.559		
11,500.00	7,297.93	11,308.77	6,997.22	69.50	70.25	-65.37	-836.39	-3,355.31	724.13	590.95	133.18	5.437		
11,600.00	7,297.23	11,408.77	6,996.16	71.11	71.86	-65.36	-837.50	-3,455.29	724.50	588.32	136.18	5.320		
11,700.00	7,296.53	11,508.77	6,995.11	72.73	73.48	-65.34	-838.60	-3,555.28	724.87	585.69	139.18	5.208		
11,800.00	7,295.83	11,608.77	6,994.05	74.35	75.10	-65.32	-839.70	-3,655.27	725.24	583.06	142.18	5.101		
11,900.00	7,295.13	11,708.77	6,993.00	75.97	76.72	-65.30	-840.80	-3,755.26	725.61	580.42	145.19	4.998		
12,000.00	7,294.43	11,808.76	6,991.94	77.60	78.34	-65.29	-841.90	-3,855.24	725.98	577.78	148.21	4.898		
12,100.00	7,293.73	11,908.76	6,990.89	79.23	79.97	-65.27	-843.00	-3,955.23	726.35	575.13	151.22	4.803		
12,200.00	7,293.03	12,008.76	6,989.83	80.86	81.59	-65.25	-844.10	-4,055.22	726.73	572.48	154.24	4.712		
12,300.00	7,292.33	12,108.76	6,988.78	82.49	83.22	-65.24	-845.20	-4,155.20	727.10	569.83	157.27	4.623		
12,400.00	7,291.63	12,208.76	6,987.72	84.12	84.86	-65.22	-846.30	-4,255.19	727.47	567.18	160.29	4.538		
12,500.00	7,290.93	12,308.76	6,986.67	85.76	86.49	-65.20	-847.40	-4,355.18	727.84	564.52	163.32	4.457		
12,600.00	7,290.23	12,408.76	6,985.61	87.39	88.12	-65.18	-848.51	-4,455.17	728.21	561.86	166.35	4.378		
12,700.00	7,289.53	12,508.76	6,984.56	89.03	89.76	-65.17	-849.61	-4,555.15	728.58	559.20	169.38	4.301		
12,800.00	7,288.83	12,608.76	6,983.50	90.67	91.40	-65.15	-850.71	-4,655.14	728.95	556.54	172.42	4.228		
12,900.00	7,288.13	12,708.76	6,982.45	92.31	93.03	-65.13	-851.81	-4,755.13	729.33	553.87	175.45	4.157		
13,000.00	7,287.43	12,808.76	6,981.39	93.95	94.67	-65.11	-852.91	-4,855.12	729.70	551.21	178.49	4.088		
13,100.00	7,286.73	12,908.75	6,980.34	95.59	96.32	-65.10	-854.01	-4,955.10	730.07	548.54	181.53	4.022		
13,200.00	7,286.03	13,008.75	6,979.28	97.24	97.96	-65.08	-855.11	-5,055.09	730.44	545.87	184.57	3.957		
13,300.00	7,285.33	13,108.75	6,978.23	98.88	99.60	-65.06	-856.21	-5,155.08	730.81	543.20	187.61	3.895		
13,400.00	7,284.63	13,208.75	6,977.17	100.53	101.24	-65.05	-857.31	-5,255.07	731.19	540.53	190.66	3.835		
13,500.00	7,283.93	13,308.75	6,976.12	102.17	102.89	-65.03	-858.41	-5,355.05	731.56	537.85	193.70	3.777		
13,600.00	7,283.23	13,408.75	6,975.06	103.82	104.54	-65.01	-859.52	-5,455.04	731.93	535.18	196.75	3.720		
13,700.00	7,282.53	13,508.75	6,974.01	105.47	106.18	-64.99	-860.62	-5,555.03	732.30	532.50	199.80	3.665		
13,800.00	7,281.83	13,608.75	6,972.95	107.12	107.83	-64.98	-861.72	-5,655.02	732.67	529.83	202.85	3.612		
13,900.00	7,281.13	13,708.75	6,971.90	108.77	109.48	-64.96	-862.82	-5,755.00	733.05	527.15	205.90	3.560		
14,000.00	7,280.43	13,808.75	6,970.84	110.42	111.13	-64.94	-863.92	-5,854.99	733.42	524.47	208.95	3.510		
14,100.00	7,279.73	13,908.74	6,969.79	112.07	112.78	-64.93	-865.02	-5,954.98	733.79	521.79	212.00	3.461		
14,200.00	7,279.03	14,008.74	6,968.73	113.72	114.43	-64.91	-866.12	-6,054.97	734.16	519.11	215.05	3.414		
14,300.00	7,278.33	14,108.74	6,967.68	115.37	116.08	-64.89	-867.22	-6,154.95	734.54	516.43	218.10	3.368		
14,400.00	7,277.63	14,208.74	6,966.62	117.03	117.73	-64.87	-868.32	-6,254.94	734.91	513.75	221.16	3.323		
14,500.00	7,276.93	14,308.74	6,965.57	118.68	119.38	-64.86	-869.42	-6,354.93	735.28	511.07	224.21	3.279		
14,600.00	7,276.23	14,408.74	6,964.51	120.33	121.04	-64.84	-870.53	-6,454.92	735.65	508.39	227.26	3.237		
14,700.00	7,275.53	14,508.74	6,963.46	121.99	122.69	-64.82	-871.63	-6,554.90	736.03	505.71	230.32	3.196		
14,800.00	7,274.83	14,608.74	6,962.40	123.64	124.34	-64.81	-872.73	-6,654.89	736.40	503.03	233.37	3.155		
14,900.00	7,274.13	14,708.74	6,961.35	125.30	126.00	-64.79	-873.83	-6,754.88	736.77	500.34	236.43	3.116		
15,000.00	7,273.43	14,808.74	6,960.29	126.96	127.65	-64.77	-874.93	-6,854.87	737.15	497.66	239.49	3.078		
15,100.00	7,272.74	14,908.74	6,959.24	128.61	129.31	-64.76	-876.03	-6,954.85	737.52	494.98	242.54	3.041		
15,200.00	7,272.04	15,008.73	6,958.18	130.27	130.97	-64.74	-877.13	-7,054.84	737.89	492.29	245.60	3.004		
15,300.00	7,271.34	15,108.73	6,957.13	131.93	132.62	-64.72	-878.23	-7,154.83	738.27	489.61	248.66	2.969		
15,305.02	7,271.30	15,113.76	6,957.07	132.01	132.70	-64.72	-878.29	-7,159.85	738.29	489.48	248.81	2.967 SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1C-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	175.38	-99.82	8.06	100.15					
100.00	100.00	101.00	101.00	3.28	3.28	175.38	-99.82	8.06	100.15	92.62	7.53	13.301		
200.00	200.00	201.00	201.00	3.31	3.31	175.38	-99.82	8.06	100.15	92.57	7.57	13.222		
264.82	264.82	265.82	265.82	3.33	3.33	78.44	-99.82	8.06	100.07	92.44	7.63	13.121 CC, ES		
300.00	300.00	300.07	300.07	3.35	3.35	78.35	-99.99	8.29	100.25	92.59	7.66	13.087		
400.00	399.93	397.79	397.74	3.41	3.40	78.92	-101.81	10.71	101.60	93.83	7.77	13.070		
500.00	499.68	495.46	495.20	3.50	3.48	79.89	-105.63	15.80	104.53	96.60	7.93	13.181		
600.00	599.13	593.03	592.29	3.61	3.59	81.18	-111.43	23.53	109.08	100.94	8.14	13.405		
700.00	698.15	690.47	688.85	3.75	3.72	82.69	-119.20	33.88	115.28	106.88	8.40	13.722		
800.00	796.84	787.74	784.76	3.93	3.89	83.90	-128.92	46.82	123.29	114.56	8.73	14.126		
900.00	895.52	884.72	879.78	4.13	4.11	83.82	-140.56	62.32	133.28	124.17	9.11	14.630		
1,000.00	994.20	984.03	976.71	4.36	4.36	83.17	-153.51	79.57	144.31	134.75	9.56	15.094		
1,100.00	1,092.88	1,083.40	1,073.72	4.61	4.65	82.62	-166.48	96.84	155.36	145.31	10.05	15.451		
1,200.00	1,191.56	1,182.78	1,170.72	4.87	4.97	82.13	-179.44	114.11	166.42	155.84	10.58	15.723		
1,300.00	1,290.24	1,282.16	1,267.72	5.15	5.30	81.71	-192.41	131.38	177.49	166.35	11.14	15.926		
1,400.00	1,388.92	1,381.53	1,364.72	5.44	5.65	81.34	-205.37	148.65	188.57	176.84	11.73	16.076		
1,500.00	1,487.60	1,480.91	1,461.73	5.74	6.01	81.01	-218.34	165.91	199.66	187.32	12.34	16.185		
1,600.00	1,586.28	1,580.29	1,558.73	6.04	6.39	80.71	-231.30	183.18	210.75	197.79	12.96	16.260		
1,700.00	1,684.96	1,679.67	1,655.73	6.36	6.77	80.45	-244.27	200.45	221.85	208.25	13.60	16.312		
1,800.00	1,783.64	1,779.04	1,752.74	6.68	7.16	80.21	-257.23	217.72	232.95	218.70	14.25	16.344		
1,900.00	1,882.32	1,878.42	1,849.74	6.86	7.42	79.99	-270.20	234.99	244.06	229.80	14.26	17.116		
2,000.00	1,981.00	1,977.80	1,946.74	6.89	7.51	79.79	-283.17	252.26	255.16	240.80	14.36	17.767		
2,100.00	2,079.68	2,077.18	2,043.74	6.95	7.57	79.60	-296.13	269.52	266.27	251.81	14.46	18.413		
2,200.00	2,178.36	2,176.55	2,140.75	7.01	7.66	79.43	-309.10	286.79	277.39	262.79	14.59	19.007		
2,300.00	2,277.04	2,275.93	2,237.75	7.10	7.76	79.28	-322.06	304.06	288.50	273.75	14.76	19.548		
2,400.00	2,375.72	2,375.31	2,334.75	7.20	7.88	79.13	-335.03	321.33	299.62	284.67	14.95	20.036		
2,500.00	2,474.40	2,474.69	2,431.76	7.31	8.02	79.00	-347.99	338.60	310.74	295.56	15.18	20.471		
2,600.00	2,573.08	2,574.06	2,528.76	7.43	8.17	78.88	-360.96	355.87	321.86	306.43	15.43	20.856		
2,700.00	2,671.76	2,673.44	2,625.76	7.57	8.34	78.76	-373.92	373.13	332.99	317.27	15.71	21.192		
2,800.00	2,770.44	2,772.82	2,722.77	7.72	8.52	78.65	-386.89	390.40	344.11	328.09	16.02	21.483		
2,900.00	2,869.12	2,872.19	2,819.77	7.89	8.71	78.55	-399.85	407.67	355.23	338.89	16.35	21.731		
3,000.00	2,967.80	2,971.57	2,916.77	8.06	8.92	78.45	-412.82	424.94	366.36	349.66	16.70	21.940		
3,100.00	3,066.48	3,070.95	3,013.77	8.24	9.14	78.36	-425.78	442.21	377.49	360.42	17.07	22.114		
3,200.00	3,165.16	3,170.33	3,110.78	8.43	9.36	78.28	-438.75	459.47	388.61	371.15	17.46	22.255		
3,300.00	3,263.84	3,269.70	3,207.78	8.64	9.60	78.20	-451.72	476.74	399.74	381.87	17.87	22.368		
3,400.00	3,362.52	3,369.08	3,304.78	8.84	9.85	78.12	-464.68	494.01	410.87	392.58	18.30	22.455		
3,500.00	3,461.20	3,468.46	3,401.79	9.06	10.10	78.05	-477.65	511.28	422.00	403.26	18.74	22.519		
3,600.00	3,559.88	3,567.84	3,498.79	9.29	10.37	77.98	-490.61	528.55	433.13	413.94	19.20	22.563		
3,700.00	3,658.56	3,667.21	3,595.79	9.52	10.64	77.92	-503.58	545.82	444.26	424.60	19.67	22.590		
3,800.00	3,757.24	3,766.59	3,692.79	9.75	10.92	77.86	-516.54	563.08	455.40	435.25	20.15	22.602		
3,900.00	3,855.92	3,865.97	3,789.80	9.99	11.20	77.80	-529.51	580.35	466.53	445.89	20.64	22.600		
4,000.00	3,954.60	3,965.35	3,886.80	10.24	11.49	77.74	-542.47	597.62	477.66	456.51	21.15	22.587		
4,100.00	4,053.28	4,064.72	3,983.80	10.49	11.79	77.69	-555.44	614.89	488.79	467.13	21.66	22.564		
4,200.00	4,151.96	4,164.10	4,080.81	10.75	12.09	77.64	-568.40	632.16	499.93	477.74	22.19	22.533		
4,300.00	4,250.64	4,263.48	4,177.81	11.01	12.39	77.59	-581.37	649.43	511.06	488.34	22.72	22.495		
4,400.00	4,349.32	4,362.85	4,274.81	11.28	12.70	77.54	-594.33	666.69	522.20	498.94	23.26	22.450		
4,500.00	4,448.00	4,462.23	4,371.81	11.55	13.01	77.50	-607.30	683.96	533.33	509.52	23.81	22.401		
4,600.00	4,546.68	4,561.61	4,468.82	11.82	13.33	77.46	-620.27	701.23	544.47	520.10	24.36	22.348		
4,700.00	4,645.36	4,660.99	4,565.82	12.09	13.65	77.41	-633.23	718.50	555.60	530.68	24.92	22.291		
4,800.00	4,744.04	4,760.36	4,662.82	12.37	13.97	77.37	-646.20	735.77	566.74	541.24	25.49	22.232		
4,900.00	4,842.72	4,859.74	4,759.83	12.65	14.30	77.34	-659.16	753.04	577.87	551.81	26.06	22.170		
5,000.00	4,941.40	4,959.12	4,856.83	12.94	14.62	77.30	-672.13	770.30	589.01	562.36	26.64	22.107		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,058.50	4,953.83	13.22	14.96	77.26	-685.09	787.57	600.14	572.92	27.23	22.043		
5,200.00	5,138.76	5,157.87	5,050.83	13.51	15.29	77.23	-698.06	804.84	611.28	583.47	27.81	21.977		
5,300.00	5,237.44	5,257.25	5,147.84	13.80	15.63	77.20	-711.02	822.11	622.42	594.01	28.41	21.911		
5,400.00	5,336.12	5,356.63	5,244.84	14.10	15.96	77.17	-723.99	839.38	633.55	604.55	29.00	21.845		
5,500.00	5,434.80	5,456.01	5,341.84	14.39	16.30	77.14	-736.95	856.65	644.69	615.09	29.60	21.779		
5,600.00	5,533.48	5,555.38	5,438.85	14.69	16.65	77.11	-749.92	873.91	655.83	625.62	30.21	21.712		
5,700.00	5,632.16	5,654.76	5,535.85	14.98	16.99	77.08	-762.88	891.18	666.96	636.15	30.81	21.646		
5,800.00	5,730.84	5,754.14	5,632.85	15.28	17.33	77.05	-775.85	908.45	678.10	646.68	31.42	21.581		
5,900.00	5,829.52	5,853.51	5,729.85	15.59	17.68	77.02	-788.82	925.72	689.24	657.20	32.03	21.515		
6,000.00	5,928.20	5,952.89	5,826.86	15.89	18.03	77.00	-801.78	942.99	700.38	667.73	32.65	21.451		
6,100.00	6,026.87	6,052.27	5,923.86	16.19	18.38	76.97	-814.75	960.25	711.52	678.25	33.27	21.387		
6,200.00	6,125.55	6,151.65	6,020.86	16.50	18.73	76.95	-827.71	977.52	722.65	688.76	33.89	21.324		
6,300.00	6,224.23	6,251.02	6,117.87	16.80	19.08	76.93	-840.68	994.79	733.79	699.28	34.51	21.262		
6,400.00	6,322.91	6,350.40	6,214.87	17.11	19.44	76.90	-853.64	1,012.06	744.93	709.79	35.14	21.200		
6,500.00	6,421.59	6,449.78	6,311.87	17.42	19.79	76.88	-866.61	1,029.33	756.07	720.30	35.77	21.140		
6,600.00	6,520.27	6,549.16	6,408.87	17.73	20.15	76.86	-879.57	1,046.60	767.21	730.81	36.39	21.080		
6,700.00	6,619.08	6,650.28	6,507.65	18.02	20.49	73.42	-892.79	1,063.71	778.40	741.40	37.00	21.036		
6,800.00	6,718.91	6,757.62	6,613.73	18.18	20.70	-70.25	-907.30	1,069.32	789.95	752.55	37.40	21.122		
6,900.00	6,817.97	6,865.22	6,719.43	18.28	20.84	-87.04	-922.22	1,056.83	801.61	763.96	37.65	21.290		
7,000.00	6,913.82	6,972.91	6,821.56	18.32	20.90	-88.50	-937.10	1,026.55	813.08	775.30	37.78	21.523		
7,100.00	7,004.10	7,080.50	6,917.04	18.32	20.91	-88.36	-951.49	979.37	824.08	786.27	37.81	21.794		
7,200.00	7,086.58	7,187.82	7,003.03	18.29	20.88	-87.73	-964.95	916.81	834.36	796.55	37.81	22.070		
7,300.00	7,159.23	7,294.68	7,077.06	18.27	20.82	-86.90	-977.10	840.89	843.66	805.84	37.82	22.308		
7,400.00	7,220.27	7,400.90	7,137.13	18.29	20.74	-86.01	-987.60	754.06	851.78	813.85	37.92	22.462		
7,500.00	7,268.20	7,506.31	7,181.75	18.37	20.67	-85.13	-996.17	659.08	858.51	820.34	38.17	22.489		
7,600.00	7,301.82	7,610.77	7,210.05	18.53	20.62	-84.29	-1,002.62	558.86	863.72	825.10	38.62	22.362		
7,700.00	7,320.33	7,714.15	7,221.69	18.79	20.62	-83.53	-1,006.82	456.34	867.28	828.02	39.27	22.087		
7,800.00	7,323.82	7,814.78	7,221.33	19.15	20.72	-83.16	-1,009.32	355.74	869.25	829.16	40.10	21.680		
7,900.00	7,323.12	7,914.77	7,220.43	19.64	21.01	-83.15	-1,011.73	255.79	870.82	829.66	41.16	21.156		
8,000.00	7,322.42	8,014.76	7,219.52	20.26	21.52	-83.15	-1,014.13	155.83	872.38	829.92	42.46	20.544		
8,100.00	7,321.72	8,114.74	7,218.61	21.00	22.21	-83.15	-1,016.54	55.88	873.95	829.96	43.99	19.869		
8,200.00	7,321.02	8,214.73	7,217.71	21.85	23.04	-83.15	-1,018.95	-44.08	875.51	829.81	45.70	19.158		
8,300.00	7,320.32	8,314.72	7,216.80	22.79	23.98	-83.15	-1,021.35	-144.03	877.07	829.49	47.59	18.431		
8,400.00	7,319.62	8,414.71	7,215.90	23.81	25.00	-83.15	-1,023.76	-243.99	878.64	829.01	49.63	17.704		
8,500.00	7,318.92	8,514.70	7,214.99	24.91	26.10	-83.15	-1,026.16	-343.94	880.20	828.40	51.81	16.991		
8,600.00	7,318.22	8,614.68	7,214.08	26.06	27.26	-83.14	-1,028.57	-443.90	881.77	827.67	54.10	16.299		
8,700.00	7,317.52	8,714.67	7,213.18	27.27	28.46	-83.14	-1,030.97	-543.85	883.33	826.83	56.50	15.635		
8,800.00	7,316.82	8,814.66	7,212.27	28.53	29.71	-83.14	-1,033.38	-643.80	884.89	825.91	58.99	15.001		
8,900.00	7,316.12	8,914.65	7,211.37	29.83	31.01	-83.14	-1,035.79	-743.76	886.46	824.90	61.56	14.400		
9,000.00	7,315.42	9,014.63	7,210.46	31.17	32.33	-83.14	-1,038.19	-843.71	888.02	823.82	64.20	13.833		
9,100.00	7,314.72	9,114.62	7,209.55	32.53	33.69	-83.14	-1,040.60	-943.67	889.59	822.69	66.90	13.298		
9,200.00	7,314.02	9,214.61	7,208.65	33.93	35.07	-83.14	-1,043.00	-1,043.62	891.15	821.49	69.65	12.794		
9,300.00	7,313.32	9,314.60	7,207.74	35.35	36.48	-83.14	-1,045.41	-1,143.58	892.71	820.25	72.46	12.320		
9,400.00	7,312.62	9,414.59	7,206.84	36.79	37.90	-83.13	-1,047.82	-1,243.53	894.28	818.97	75.31	11.875		
9,500.00	7,311.92	9,514.57	7,205.93	38.24	39.35	-83.13	-1,050.22	-1,343.49	895.84	817.65	78.19	11.457		
9,600.00	7,311.22	9,614.56	7,205.02	39.72	40.81	-83.13	-1,052.63	-1,443.44	897.40	816.30	81.11	11.064		
9,700.00	7,310.52	9,714.55	7,204.12	41.21	42.29	-83.13	-1,055.03	-1,543.40	898.97	814.91	84.06	10.695		
9,800.00	7,309.82	9,814.54	7,203.21	42.72	43.78	-83.13	-1,057.44	-1,643.35	900.53	813.50	87.03	10.347		
9,900.00	7,309.12	9,914.52	7,202.30	44.23	45.29	-83.13	-1,059.85	-1,743.31	902.10	812.06	90.04	10.019		
10,000.00	7,308.42	10,014.51	7,201.40	45.76	46.80	-83.13	-1,062.25	-1,843.26	903.66	810.60	93.06	9.711		
10,100.00	7,307.72	10,114.50	7,200.49	47.30	48.33	-83.13	-1,064.66	-1,943.22	905.22	809.12	96.10	9.419		
10,200.00	7,307.02	10,214.49	7,199.59	48.85	49.86	-83.12	-1,067.06	-2,043.17	906.79	807.62	99.16	9.144		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-1C-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	7,306.32	10,314.48	7,198.68	50.40	51.40	-83.12	-1,069.47	-2,143.13	908.35	806.11	102.24	8.884		
10,400.00	7,305.62	10,414.46	7,197.77	51.96	52.95	-83.12	-1,071.87	-2,243.08	909.92	804.58	105.34	8.638		
10,500.00	7,304.92	10,514.45	7,196.87	53.53	54.51	-83.12	-1,074.28	-2,343.03	911.48	803.04	108.44	8.405		
10,600.00	7,304.22	10,614.44	7,195.96	55.11	56.07	-83.12	-1,076.69	-2,442.99	913.04	801.48	111.56	8.184		
10,700.00	7,303.52	10,714.43	7,195.06	56.69	57.64	-83.12	-1,079.09	-2,542.94	914.61	799.91	114.69	7.974		
10,800.00	7,302.82	10,814.41	7,194.15	58.28	59.22	-83.12	-1,081.50	-2,642.90	916.17	798.33	117.84	7.775		
10,900.00	7,302.12	10,914.40	7,193.24	59.87	60.80	-83.12	-1,083.90	-2,742.85	917.73	796.75	120.99	7.585		
11,000.00	7,301.42	11,014.39	7,192.34	61.46	62.39	-83.12	-1,086.31	-2,842.81	919.30	795.15	124.15	7.405		
11,100.00	7,300.72	11,114.38	7,191.43	63.06	63.97	-83.11	-1,088.72	-2,942.76	920.86	793.54	127.32	7.233		
11,200.00	7,300.02	11,214.37	7,190.53	64.67	65.57	-83.11	-1,091.12	-3,042.72	922.43	791.93	130.50	7.069		
11,300.00	7,299.32	11,314.35	7,189.62	66.27	67.17	-83.11	-1,093.53	-3,142.67	923.99	790.31	133.68	6.912		
11,400.00	7,298.62	11,414.34	7,188.71	67.88	68.77	-83.11	-1,095.93	-3,242.63	925.55	788.68	136.87	6.762		
11,500.00	7,297.93	11,514.33	7,187.81	69.50	70.37	-83.11	-1,098.34	-3,342.58	927.12	787.05	140.07	6.619		
11,600.00	7,297.23	11,614.32	7,186.90	71.11	71.98	-83.11	-1,100.74	-3,442.54	928.68	785.41	143.27	6.482		
11,700.00	7,296.53	11,714.30	7,186.00	72.73	73.59	-83.11	-1,103.15	-3,542.49	930.25	783.76	146.48	6.351		
11,800.00	7,295.83	11,814.29	7,185.09	74.35	75.20	-83.11	-1,105.56	-3,642.45	931.81	782.11	149.70	6.225		
11,900.00	7,295.13	11,914.28	7,184.18	75.97	76.81	-83.10	-1,107.96	-3,742.40	933.37	780.46	152.91	6.104		
12,000.00	7,294.43	12,014.27	7,183.28	77.60	78.43	-83.10	-1,110.37	-3,842.36	934.94	778.80	156.14	5.988		
12,100.00	7,293.73	12,114.26	7,182.37	79.23	80.05	-83.10	-1,112.77	-3,942.31	936.50	777.14	159.36	5.876		
12,200.00	7,293.03	12,214.25	7,181.40	80.86	81.79	-83.10	-1,115.27	-4,049.44	938.01	775.33	162.68	5.766		
12,300.00	7,292.33	12,314.24	7,180.42	82.49	83.91	-83.07	-1,117.66	-4,150.06	939.58	773.43	166.15	5.637		
12,400.00	7,291.63	12,414.23	7,179.45	84.12	85.54	-83.04	-1,119.99	-4,250.01	941.11	771.42	169.39	5.515		
12,500.00	7,290.93	12,514.22	7,178.48	85.76	87.17	-83.01	-1,122.35	-4,350.96	942.64	769.39	172.63	5.397		
12,600.00	7,290.23	12,614.21	7,177.50	87.39	88.80	-82.98	-1,124.69	-4,451.91	944.18	767.36	175.87	5.283		
12,700.00	7,289.53	12,714.20	7,176.59	89.03	90.43	-82.95	-1,126.99	-4,552.86	945.71	765.33	179.12	5.174		
12,800.00	7,288.83	12,814.19	7,175.69	90.67	92.06	-82.91	-1,129.28	-4,653.81	947.24	763.29	182.36	5.068		
12,900.00	7,288.13	12,914.18	7,174.78	92.31	93.70	-82.88	-1,131.57	-4,754.76	948.77	761.26	185.61	4.966		
13,000.00	7,287.43	13,014.17	7,173.87	93.95	95.34	-82.85	-1,133.86	-4,855.71	950.30	759.23	188.87	4.868		
13,100.00	7,286.73	13,114.16	7,172.97	95.59	96.97	-82.82	-1,136.15	-4,956.66	951.83	757.20	192.12	4.772		
13,200.00	7,286.03	13,214.15	7,172.06	97.24	98.61	-82.78	-1,138.44	-5,057.61	953.36	755.17	195.38	4.680		
13,300.00	7,285.33	13,314.14	7,171.16	98.88	100.25	-82.75	-1,140.73	-5,158.56	954.89	753.14	198.63	4.591		
13,400.00	7,284.63	13,414.13	7,170.25	100.53	101.89	-82.72	-1,143.02	-5,259.51	956.42	751.11	201.89	4.505		
13,500.00	7,283.93	13,514.12	7,169.35	102.17	103.54	-82.69	-1,145.31	-5,360.46	957.95	749.08	205.15	4.421		
13,600.00	7,283.23	13,614.11	7,168.44	103.82	105.18	-82.65	-1,147.60	-5,461.41	959.48	747.05	208.41	4.340		
13,700.00	7,282.53	13,714.10	7,167.53	105.47	106.83	-82.62	-1,149.89	-5,562.36	961.01	745.02	211.68	4.261		
13,800.00	7,281.83	13,814.09	7,166.63	107.12	108.47	-82.59	-1,152.18	-5,663.31	962.54	743.00	214.94	4.185		
13,900.00	7,281.13	13,914.08	7,165.72	108.77	110.12	-82.55	-1,154.47	-5,764.26	964.07	740.97	218.21	4.111		
14,000.00	7,280.43	14,014.07	7,164.82	110.42	111.76	-82.52	-1,156.76	-5,865.21	965.60	738.94	221.47	4.040		
14,100.00	7,279.73	14,114.06	7,163.91	112.07	113.41	-82.48	-1,159.05	-5,966.16	967.13	736.91	224.74	3.970		
14,200.00	7,279.03	14,214.05	7,163.00	113.72	115.06	-82.45	-1,161.34	-6,067.11	968.66	734.88	228.01	3.902		
14,300.00	7,278.33	14,314.04	7,162.10	115.37	116.71	-82.41	-1,163.63	-6,168.06	970.19	732.85	231.28	3.836		
14,400.00	7,277.63	14,414.03	7,161.19	117.03	118.36	-82.38	-1,165.92	-6,269.01	971.72	730.82	234.55	3.772		
14,500.00	7,276.93	14,514.02	7,160.29	118.68	120.01	-82.35	-1,168.21	-6,370.96	973.25	728.79	237.82	3.710		
14,600.00	7,276.23	14,614.01	7,159.38	120.33	121.66	-82.31	-1,170.50	-6,471.91	974.78	726.76	241.09	3.650		
14,700.00	7,275.53	14,714.00	7,158.47	121.99	123.32	-82.27	-1,172.79	-6,572.86	976.31	724.73	244.36	3.591		
14,800.00	7,274.83	14,814.00	7,157.57	123.64	124.97	-82.24	-1,175.08	-6,673.81	977.84	722.70	247.63	3.533		
14,900.00	7,274.13	14,914.00	7,156.66	125.30	126.62	-82.20	-1,177.37	-6,774.76	979.37	720.67	250.90	3.477		
15,000.00	7,273.43	15,014.00	7,155.76	126.96	128.28	-82.17	-1,179.66	-6,875.71	980.90	718.64	254.18	3.423		
15,100.00	7,272.74	15,114.00	7,154.85	128.61	129.93	-82.13	-1,181.95	-6,976.66	982.43	716.61	257.45	3.370		
15,200.00	7,272.04	15,214.00	7,153.94	130.27	131.59	-82.10	-1,184.24	-7,077.61	983.96	714.58	260.72	3.318		
15,300.00	7,271.34	15,314.00	7,153.03	131.93	133.24	-82.06	-1,186.53	-7,178.56	985.49	712.55	263.99	3.268		
15,305.02	7,271.30	15,344.96	7,153.09	132.01	133.14	-82.06	-1,065.11	-7,172.43	862.62	598.50	264.12	3.266 SF		



## Hewlett-Packard

### Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7375-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	-50.74	287.44	-351.68	454.22				
100.00	100.00	102.18	102.18	3.28	3.28	-50.82	286.58	-351.64	453.65	446.30	7.36	61.672	
200.00	200.00	199.98	199.97	3.31	3.30	-50.94	285.28	-351.58	452.77	445.38	7.39	61.246	
272.89	272.88	272.80	272.79	3.33	3.32	-148.18	284.62	-351.51	452.69	445.25	7.44	60.836	
300.00	300.00	299.89	299.88	3.35	3.32	-148.20	284.41	-351.46	452.50	445.03	7.46	60.624 CC	
400.00	399.93	400.32	400.30	3.41	3.37	-148.46	283.64	-351.19	454.78	447.21	7.57	60.102	
500.00	499.68	497.36	497.34	3.50	3.42	-148.91	282.99	-351.16	460.30	452.60	7.71	59.737	
600.00	599.13	598.65	598.63	3.61	3.49	-149.53	282.49	-351.13	468.97	461.09	7.88	59.503	
700.00	698.15	695.73	695.71	3.75	3.57	-150.24	282.31	-350.87	480.72	472.62	8.09	59.404	
800.00	796.84	789.93	789.91	3.93	3.65	-151.10	282.49	-351.12	495.17	486.83	8.33	59.442	
900.00	895.52	888.04	888.01	4.13	3.74	-151.99	282.84	-351.94	510.32	501.73	8.59	59.404	
1,000.00	994.20	985.61	985.58	4.36	3.85	-152.84	283.20	-352.82	525.67	516.80	8.88	59.221	
1,100.00	1,092.88	1,084.15	1,084.11	4.61	3.96	-153.66	283.44	-353.95	541.25	532.06	9.19	58.924	
1,200.00	1,191.56	1,180.46	1,180.40	4.87	4.08	-154.46	283.44	-355.35	557.07	547.56	9.51	58.564	
1,300.00	1,290.24	1,279.68	1,279.61	5.15	4.21	-155.28	283.25	-357.18	573.21	563.35	9.86	58.137	
1,400.00	1,388.92	1,379.69	1,379.61	5.44	4.35	-156.06	282.91	-358.78	589.19	578.96	10.22	57.627	
1,500.00	1,487.60	1,478.52	1,478.43	5.74	4.49	-156.77	282.60	-360.14	605.08	594.47	10.60	57.078	
1,600.00	1,586.28	1,575.58	1,575.48	6.04	4.64	-157.42	282.50	-361.44	621.12	610.14	10.99	56.533	
1,700.00	1,684.96	1,675.69	1,675.58	6.36	4.79	-158.08	282.25	-362.95	637.33	625.94	11.39	55.960	
1,800.00	1,783.64	1,775.31	1,775.19	6.68	4.95	-158.71	281.73	-364.23	653.29	641.49	11.80	55.364	
1,900.00	1,882.32	1,874.54	1,874.41	6.86	5.11	-159.28	281.41	-365.29	669.21	657.32	11.89	56.282	
2,000.00	1,981.00	1,972.48	1,972.35	6.89	5.28	-159.80	281.32	-366.16	685.15	673.08	12.07	56.767	
2,100.00	2,079.68	2,067.08	2,066.95	6.95	5.44	-160.26	281.53	-367.17	701.44	689.17	12.26	57.209	
2,200.00	2,178.36	2,160.90	2,160.75	7.01	5.60	-160.66	282.36	-368.56	718.42	705.96	12.47	57.619	
2,300.00	2,277.04	2,262.52	2,262.35	7.10	5.78	-161.04	283.90	-370.10	735.75	723.04	12.71	57.890	
2,400.00	2,375.72	2,359.60	2,359.41	7.20	5.95	-161.37	285.30	-370.97	752.52	739.57	12.96	58.078	
2,500.00	2,474.40	2,461.50	2,461.29	7.31	6.14	-161.68	287.06	-372.20	769.72	756.49	13.23	58.177	
2,600.00	2,573.08	2,570.83	2,570.61	7.43	6.33	-162.02	288.24	-372.37	785.72	772.19	13.53	58.066	
2,700.00	2,671.76	2,667.31	2,667.09	7.57	6.51	-162.33	288.69	-372.01	801.02	787.20	13.82	57.961	
2,800.00	2,770.44	2,760.10	2,759.87	7.72	6.68	-162.58	289.87	-372.08	817.06	802.95	14.12	57.881	
2,900.00	2,869.12	2,860.38	2,860.14	7.89	6.87	-162.90	290.57	-372.87	833.54	819.10	14.44	57.721	
3,000.00	2,967.80	2,959.36	2,959.12	8.06	7.05	-163.26	290.23	-373.60	849.59	834.81	14.77	57.504	
3,100.00	3,066.48	3,055.36	3,055.11	8.24	7.24	-163.60	290.08	-374.56	865.96	850.85	15.11	57.298	
3,200.00	3,165.16	3,153.89	3,153.63	8.43	7.43	-163.96	289.55	-375.87	882.53	867.06	15.47	57.056	
3,300.00	3,263.84	3,252.90	3,252.64	8.64	7.62	-164.32	288.86	-377.13	899.02	883.19	15.83	56.783	
3,400.00	3,362.52	3,353.12	3,352.84	8.84	7.82	-164.68	287.99	-378.44	915.51	899.30	16.21	56.480	
3,500.00	3,461.20	3,451.84	3,451.55	9.06	8.01	-164.99	287.52	-379.31	931.78	915.19	16.59	56.159	
3,600.00	3,559.88	3,547.64	3,547.35	9.29	8.20	-165.27	287.27	-380.30	948.30	931.32	16.98	55.861	
3,700.00	3,658.56	3,645.07	3,644.78	9.52	8.40	-165.53	287.49	-381.37	965.07	947.70	17.37	55.553	
3,800.00	3,757.24	3,743.75	3,743.44	9.75	8.60	-165.79	287.47	-382.54	981.85	964.08	17.78	55.229	
3,900.00	3,855.92	3,842.25	3,841.94	9.99	8.79	-166.06	287.21	-383.81	998.67	980.48	18.19	54.904	
4,000.00	3,954.60	3,944.10	3,943.78	10.24	9.00	-166.33	286.83	-385.05	1,015.41	996.80	18.61	54.549	
4,100.00	4,053.28	4,047.71	4,047.39	10.49	9.21	-166.59	286.44	-385.72	1,031.63	1,012.58	19.05	54.158	
4,200.00	4,151.96	4,149.94	4,149.61	10.75	9.41	-166.84	285.81	-386.10	1,047.53	1,028.05	19.48	53.766	
4,300.00	4,250.64	4,248.83	4,248.50	11.01	9.61	-167.12	284.38	-386.43	1,063.15	1,043.24	19.91	53.388	
4,400.00	4,349.32	4,341.76	4,341.41	11.28	9.80	-167.39	282.77	-387.15	1,079.10	1,058.76	20.34	53.065	
4,500.00	4,448.00	4,432.55	4,432.19	11.55	9.99	-167.60	282.29	-388.10	1,095.72	1,074.97	20.76	52.788	
4,600.00	4,546.68	4,525.38	4,525.00	11.82	10.18	-167.75	283.13	-389.28	1,113.03	1,091.84	21.19	52.529	
4,700.00	4,645.36	4,621.90	4,621.51	12.09	10.37	-167.88	284.49	-390.53	1,130.53	1,108.89	21.63	52.259	
4,800.00	4,744.04	4,710.51	4,710.10	12.37	10.55	-168.00	285.76	-392.20	1,148.60	1,126.54	22.06	52.066	
4,900.00	4,842.72	4,796.32	4,795.86	12.65	10.73	-168.10	287.53	-394.52	1,167.63	1,145.15	22.48	51.936	
5,000.00	4,941.40	4,895.36	4,894.81	12.94	10.93	-168.17	290.50	-397.42	1,187.17	1,164.23	22.94	51.745	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7375-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,040.08	4,999.08	4,998.45	13.22	11.15	-168.22	293.80	-400.07	1,206.42	1,183.00	23.42	51.514	
5,200.00	5,138.76	5,098.27	5,097.56	13.51	11.35	-168.29	296.58	-402.44	1,225.40	1,201.51	23.89	51.302	
5,300.00	5,237.44	5,217.45	5,216.70	13.80	11.60	-168.39	299.18	-404.43	1,243.52	1,219.11	24.41	50.946	
5,400.00	5,336.12	5,308.54	5,307.76	14.10	11.78	-168.48	300.74	-405.74	1,261.27	1,236.41	24.86	50.738	
5,500.00	5,434.80	5,406.22	5,405.42	14.39	11.99	-168.57	302.37	-407.30	1,279.16	1,253.83	25.33	50.504	
5,600.00	5,533.48	5,506.58	5,505.76	14.69	12.20	-168.68	303.70	-408.97	1,297.01	1,271.21	25.81	50.258	
5,700.00	5,632.16	5,612.03	5,611.19	14.98	12.41	-168.80	305.05	-410.35	1,314.52	1,288.22	26.30	49.978	
5,800.00	5,730.84	5,712.45	5,711.59	15.28	12.62	-168.89	306.45	-411.30	1,331.74	1,304.95	26.78	49.721	
5,900.00	5,829.52	5,818.16	5,817.29	15.59	12.84	-168.98	307.79	-411.92	1,348.58	1,321.29	27.28	49.431	
6,000.00	5,928.20	5,921.51	5,920.64	15.89	13.06	-169.11	308.18	-412.28	1,364.93	1,337.15	27.78	49.142	
6,100.00	6,026.87	6,017.56	6,016.69	16.19	13.26	-169.22	308.48	-412.62	1,381.26	1,353.01	28.25	48.892	
6,200.00	6,125.55	6,113.99	6,113.11	16.50	13.46	-169.33	308.96	-413.10	1,397.79	1,369.06	28.73	48.653	
6,300.00	6,224.23	6,214.30	6,213.43	16.80	13.67	-169.44	309.44	-413.55	1,414.29	1,385.07	29.22	48.400	
6,400.00	6,322.91	6,308.79	6,307.91	17.11	13.87	-169.54	310.14	-414.07	1,430.95	1,401.25	29.70	48.186	
6,500.00	6,421.59	6,418.10	6,417.22	17.42	14.10	-169.65	310.63	-414.35	1,447.26	1,417.04	30.21	47.904	
6,600.00	6,520.27	6,513.61	6,512.73	17.73	14.30	-169.75	311.03	-414.44	1,463.40	1,432.71	30.69	47.682	
6,700.00	6,619.08	6,611.74	6,610.86	18.02	14.50	-173.67	311.91	-414.53	1,478.84	1,447.68	31.16	47.454	
6,800.00	6,718.91	6,716.48	6,715.59	18.18	14.72	41.70	312.89	-414.42	1,482.47	1,450.91	31.56	46.971	
6,900.00	6,817.97	6,817.92	6,817.02	18.28	14.93	24.47	313.55	-414.13	1,470.93	1,439.04	31.89	46.123	
7,000.00	6,913.82	6,913.32	6,912.42	18.32	15.12	23.14	313.72	-413.98	1,444.84	1,412.69	32.15	44.942	
7,100.00	7,004.10	7,012.35	7,011.46	18.32	15.32	24.28	313.56	-413.65	1,404.69	1,372.32	32.37	43.393	
7,200.00	7,086.58	7,114.72	7,113.81	18.29	15.53	27.28	312.87	-412.27	1,350.97	1,318.40	32.58	41.471	
7,300.00	7,159.23	7,180.69	7,179.77	18.27	15.66	31.82	312.07	-411.25	1,285.96	1,253.28	32.67	39.358	
7,400.00	7,220.27	7,239.73	7,238.79	18.29	15.78	38.94	311.06	-410.51	1,211.91	1,179.15	32.76	36.989	
7,500.00	7,268.20	7,286.64	7,285.69	18.37	15.88	49.56	309.91	-410.08	1,130.94	1,098.09	32.86	34.420	
7,600.00	7,301.82	7,319.52	7,318.56	18.53	15.95	64.21	309.04	-409.81	1,045.49	1,012.52	32.97	31.709	
7,700.00	7,320.33	7,337.25	7,336.28	18.79	15.98	81.25	308.57	-409.67	958.23	925.10	33.13	28.919	
7,800.00	7,323.82	7,339.94	7,338.97	19.15	15.99	92.90	308.50	-409.64	872.03	838.65	33.38	26.125	
7,900.00	7,323.12	7,338.45	7,337.48	19.64	15.98	92.71	308.54	-409.66	788.99	755.23	33.76	23.370	
8,000.00	7,322.42	7,336.95	7,335.98	20.26	15.98	92.52	308.58	-409.67	710.34	675.99	34.35	20.681	
8,100.00	7,321.72	7,335.46	7,334.49	21.00	15.98	92.34	308.62	-409.68	637.69	602.48	35.21	18.112	
8,200.00	7,321.02	7,333.96	7,332.99	21.85	15.98	92.15	308.66	-409.69	573.33	536.92	36.41	15.747	
8,300.00	7,320.32	7,332.47	7,331.50	22.79	15.97	91.97	308.70	-409.70	520.35	482.40	37.95	13.711	
8,400.00	7,319.62	7,330.97	7,330.01	23.81	15.97	91.78	308.74	-409.72	482.51	442.82	39.70	12.155	
8,500.00	7,318.92	7,329.48	7,328.51	24.91	15.97	91.60	308.78	-409.73	463.54	422.22	41.31	11.220	
8,539.78	7,318.64	7,328.88	7,327.92	25.37	15.97	91.52	308.79	-409.73	461.83	419.99	41.84	11.038 ES	
8,600.00	7,318.22	7,327.98	7,327.02	26.06	15.96	91.41	308.82	-409.74	465.74	423.32	42.42	10.979 SF	
8,700.00	7,317.52	7,326.49	7,325.52	27.27	15.96	91.23	308.86	-409.75	488.83	446.00	42.83	11.414	
8,800.00	7,316.82	7,324.99	7,324.03	28.53	15.96	91.04	308.90	-409.77	530.08	487.44	42.64	12.432	
8,900.00	7,316.12	7,323.50	7,322.53	29.83	15.95	90.86	308.94	-409.78	585.68	543.57	42.10	13.911	
9,000.00	7,315.42	7,322.00	7,321.04	31.17	15.95	90.67	308.98	-409.79	651.95	610.52	41.44	15.734	
9,100.00	7,314.72	7,320.50	7,319.54	32.53	15.95	90.48	309.02	-409.80	725.99	685.23	40.77	17.809	
9,200.00	7,314.02	7,319.01	7,318.05	33.93	15.95	90.30	309.05	-409.81	805.66	765.50	40.15	20.065	
9,300.00	7,313.32	7,317.51	7,316.55	35.35	15.94	90.11	309.09	-409.83	889.43	849.82	39.62	22.452	
9,400.00	7,312.62	7,316.02	7,315.06	36.79	15.94	89.93	309.13	-409.84	976.27	937.12	39.15	24.934	
9,500.00	7,311.92	7,314.52	7,313.56	38.24	15.94	89.74	309.17	-409.85	1,065.41	1,026.65	38.76	27.487	
9,600.00	7,311.22	7,313.03	7,312.07	39.72	15.93	89.56	309.21	-409.86	1,156.33	1,117.90	38.43	30.090	
9,700.00	7,310.52	7,311.53	7,310.57	41.21	15.93	89.37	309.25	-409.88	1,248.64	1,210.49	38.15	32.732	
9,800.00	7,309.82	7,310.04	7,309.08	42.72	15.93	89.19	309.29	-409.89	1,342.05	1,304.14	37.91	35.401	
9,900.00	7,309.12	7,308.54	7,307.58	44.23	15.92	89.00	309.33	-409.90	1,436.34	1,398.63	37.71	38.090	
10,000.00	7,308.42	7,307.05	7,306.09	45.76	15.92	88.82	309.37	-409.91	1,531.36	1,493.82	37.54	40.794	
10,100.00	7,307.72	7,305.55	7,304.59	47.30	15.92	88.63	309.41	-409.92	1,626.97	1,589.57	37.40	43.507	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>		6N-66W-06 Offsets - CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surveys (Grid to True)										<b>Offset Site Error:</b>	0.00 usft
<b>Survey Program:</b>		100-SRC Energy_VESSI GyroFlex V4, 7375-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	
10,200.00	7,307.02	7,304.06	7,303.10	48.85	15.92	88.45	309.45	-409.94	1,723.08	1,685.80	37.28	46.226	
10,300.00	7,306.32	7,302.56	7,301.60	50.40	15.91	88.26	309.49	-409.95	1,819.61	1,782.43	37.17	48.948	
10,400.00	7,305.62	7,301.07	7,300.11	51.96	15.91	88.08	309.53	-409.96	1,916.49	1,879.40	37.09	51.670	
10,500.00	7,304.92	7,299.57	7,298.62	53.53	15.91	87.89	309.57	-409.97	2,013.68	1,976.66	37.02	54.392	
10,600.00	7,304.22	7,298.07	7,297.12	55.11	15.90	87.71	309.61	-409.99	2,111.13	2,074.16	36.97	57.110	
10,700.00	7,303.52	7,296.58	7,295.63	56.69	15.90	87.52	309.65	-410.00	2,208.80	2,171.88	36.92	59.823	
10,800.00	7,302.82	7,295.08	7,294.13	58.28	15.90	87.34	309.69	-410.01	2,306.67	2,269.79	36.89	62.531	
10,900.00	7,302.12	7,293.59	7,292.64	59.87	15.89	87.15	309.73	-410.02	2,404.72	2,367.86	36.86	65.232	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7350-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	2.04	2.04	3.28	3.28	-172.18	-866.32	-118.99	874.46				
100.00	100.00	103.81	103.81	3.28	3.28	-172.19	-866.23	-118.85	874.35	866.99	7.36	118.859	
162.91	162.91	164.91	164.91	3.29	3.29	-172.19	-866.19	-118.76	874.29	866.92	7.38	118.548	
200.00	200.00	201.05	201.05	3.31	3.30	-172.19	-866.21	-118.78	874.31	866.92	7.39	118.267	
300.00	300.00	300.51	300.51	3.35	3.32	90.68	-866.37	-118.65	874.46	867.00	7.46	117.165	
400.00	399.93	405.66	405.66	3.41	3.37	90.90	-866.27	-118.37	874.38	866.81	7.57	115.546	
500.00	499.68	506.49	506.49	3.50	3.42	91.35	-865.82	-118.10	874.04	866.33	7.71	113.405	
558.52	557.92	562.72	562.72	3.56	3.46	91.71	-865.61	-117.93	873.95	866.14	7.81	111.948	
600.00	599.13	602.79	602.79	3.61	3.49	92.00	-865.53	-117.83	874.00	866.11	7.88	110.855	
700.00	698.15	702.00	702.00	3.75	3.57	92.89	-865.33	-117.77	874.39	866.29	8.11	107.861	
800.00	796.84	799.98	799.98	3.93	3.65	93.94	-865.14	-117.88	875.20	866.82	8.37	104.532	
900.00	895.52	898.99	898.98	4.13	3.75	94.99	-864.97	-117.99	876.32	867.65	8.68	101.001	
1,000.00	994.20	1,000.61	1,000.60	4.36	3.86	96.07	-864.60	-118.08	877.57	868.55	9.02	97.340	
1,100.00	1,092.88	1,100.58	1,100.58	4.61	3.98	97.14	-864.00	-118.14	878.87	869.49	9.38	93.686	
1,200.00	1,191.56	1,198.44	1,198.43	4.87	4.11	98.16	-863.41	-118.05	880.45	870.68	9.77	90.133	
1,300.00	1,290.24	1,296.62	1,296.61	5.15	4.24	99.17	-862.97	-117.74	882.39	872.22	10.18	86.709	
1,400.00	1,388.92	1,393.60	1,393.58	5.44	4.37	100.16	-862.68	-117.34	884.74	874.14	10.60	83.465	
1,500.00	1,487.60	1,490.95	1,490.93	5.74	4.51	101.14	-862.56	-117.01	887.55	876.51	11.04	80.403	
1,600.00	1,586.28	1,587.92	1,587.91	6.04	4.66	102.12	-862.58	-116.77	890.80	879.31	11.49	77.543	
1,700.00	1,684.96	1,686.76	1,686.75	6.36	4.81	103.11	-862.70	-116.59	894.42	882.47	11.95	74.847	
1,800.00	1,783.64	1,783.96	1,783.94	6.68	4.96	104.07	-862.89	-116.35	898.37	885.95	12.42	72.339	
1,900.00	1,882.32	1,882.54	1,882.52	6.86	5.12	105.04	-863.14	-116.27	902.70	890.16	12.54	71.995	
2,000.00	1,981.00	1,979.55	1,979.53	6.89	5.28	106.01	-863.34	-116.46	907.37	894.64	12.73	71.289	
2,100.00	2,079.68	2,077.24	2,077.23	6.95	5.44	106.98	-863.66	-116.83	912.47	899.54	12.94	70.529	
2,200.00	2,178.36	2,176.64	2,176.62	7.01	5.61	107.97	-863.87	-117.48	917.87	904.70	13.17	69.699	
2,300.00	2,277.04	2,273.70	2,273.68	7.10	5.78	108.94	-864.03	-118.17	923.52	910.11	13.41	68.850	
2,400.00	2,375.72	2,375.06	2,375.04	7.20	5.96	109.93	-864.21	-118.95	929.48	915.80	13.68	67.929	
2,500.00	2,474.40	2,475.41	2,475.38	7.31	6.14	110.92	-863.95	-119.78	935.37	921.40	13.97	66.970	
2,600.00	2,573.08	2,574.76	2,574.73	7.43	6.32	111.90	-863.48	-120.78	941.42	927.16	14.26	65.999	
2,700.00	2,671.76	2,670.91	2,670.87	7.57	6.49	112.85	-863.03	-121.81	947.79	933.22	14.57	65.054	
2,800.00	2,770.44	2,769.08	2,769.03	7.72	6.68	113.81	-862.70	-123.10	954.65	939.76	14.89	64.109	
2,900.00	2,869.12	2,865.46	2,865.40	7.89	6.86	114.75	-862.20	-124.68	961.82	946.59	15.22	63.188	
3,000.00	2,967.80	2,958.82	2,958.74	8.06	7.03	115.66	-861.96	-126.50	969.63	954.08	15.56	62.327	
3,100.00	3,066.48	3,055.61	3,055.50	8.24	7.22	116.59	-862.12	-128.59	978.18	962.27	15.91	61.480	
3,200.00	3,165.16	3,152.70	3,152.57	8.43	7.40	117.51	-862.27	-130.65	986.97	970.69	16.27	60.645	
3,300.00	3,263.84	3,250.43	3,250.29	8.64	7.59	118.38	-862.86	-132.51	996.25	979.60	16.65	59.835	
3,400.00	3,362.52	3,348.42	3,348.26	8.84	7.78	119.24	-863.48	-134.17	1,005.66	988.62	17.03	59.036	
3,500.00	3,461.20	3,443.97	3,443.79	9.06	7.97	120.04	-864.41	-135.75	1,015.53	998.11	17.42	58.289	
3,600.00	3,559.88	3,540.27	3,540.07	9.29	8.16	120.82	-865.73	-137.23	1,025.86	1,008.04	17.82	57.568	
3,700.00	3,658.56	3,635.56	3,635.33	9.52	8.34	121.56	-867.34	-138.63	1,036.58	1,018.36	18.22	56.885	
3,800.00	3,757.24	3,730.38	3,730.12	9.75	8.53	122.27	-869.50	-139.99	1,047.90	1,029.27	18.63	56.247	
3,900.00	3,855.92	3,828.95	3,828.65	9.99	8.73	122.96	-872.09	-141.14	1,059.48	1,040.43	19.05	55.605	
4,000.00	3,954.60	3,927.11	3,926.77	10.24	8.92	123.63	-874.75	-142.26	1,071.26	1,051.77	19.48	54.986	
4,100.00	4,053.28	4,026.28	4,025.89	10.49	9.12	124.29	-877.46	-143.30	1,083.13	1,063.21	19.92	54.379	
4,200.00	4,151.96	4,127.20	4,126.78	10.75	9.32	124.97	-879.85	-144.70	1,095.12	1,074.76	20.36	53.778	
4,300.00	4,250.64	4,233.94	4,233.50	11.01	9.54	125.70	-881.66	-145.94	1,106.60	1,085.77	20.83	53.132	
4,400.00	4,349.32	4,336.73	4,336.27	11.28	9.74	126.37	-883.17	-146.71	1,117.79	1,096.51	21.29	52.513	
4,500.00	4,448.00	4,442.37	4,441.91	11.55	9.96	127.06	-884.15	-147.25	1,128.59	1,106.84	21.75	51.878	
4,600.00	4,546.68	4,543.63	4,543.16	11.82	10.16	127.73	-884.32	-147.80	1,139.01	1,116.79	22.22	51.269	
4,700.00	4,645.36	4,639.96	4,639.49	12.09	10.36	128.37	-884.46	-148.47	1,149.67	1,127.00	22.67	50.715	
4,800.00	4,744.04	4,739.88	4,739.41	12.37	10.57	129.01	-884.79	-149.13	1,160.58	1,137.45	23.13	50.167	
4,900.00	4,842.72	4,840.32	4,839.84	12.65	10.77	129.65	-884.83	-149.62	1,171.32	1,147.72	23.60	49.626	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7350-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,000.00	4,941.40	4,937.25	4,936.77	12.94	10.97	130.26	-884.85	-150.33	1,182.35	1,158.28	24.07	49.130	
5,100.00	5,040.08	5,035.19	5,034.72	13.22	11.17	130.86	-884.89	-150.97	1,193.48	1,168.94	24.53	48.646	
5,200.00	5,138.76	5,129.41	5,128.93	13.51	11.37	131.44	-885.08	-151.84	1,205.04	1,180.05	24.99	48.212	
5,300.00	5,237.44	5,226.02	5,225.53	13.80	11.57	132.02	-885.35	-152.96	1,216.97	1,191.50	25.46	47.792	
5,400.00	5,336.12	5,322.48	5,321.98	14.10	11.77	132.59	-885.68	-154.22	1,229.17	1,203.23	25.93	47.395	
5,500.00	5,434.80	5,418.56	5,418.05	14.39	11.97	133.15	-886.05	-155.71	1,241.70	1,215.29	26.41	47.023	
5,600.00	5,533.48	5,518.02	5,517.49	14.69	12.18	133.73	-886.46	-157.27	1,254.39	1,227.50	26.89	46.652	
5,700.00	5,632.16	5,619.68	5,619.14	14.98	12.39	134.30	-886.74	-158.79	1,267.07	1,239.69	27.38	46.282	
5,800.00	5,730.84	5,726.67	5,726.12	15.28	12.61	134.93	-886.03	-160.48	1,279.36	1,251.48	27.88	45.890	
5,900.00	5,829.52	5,828.60	5,828.03	15.59	12.82	135.54	-884.68	-161.89	1,291.23	1,262.86	28.37	45.517	
6,000.00	5,928.20	5,922.71	5,922.12	15.89	13.02	136.10	-883.41	-163.39	1,303.39	1,274.55	28.84	45.196	
6,100.00	6,026.87	6,020.18	6,019.55	16.19	13.22	136.68	-881.86	-165.31	1,315.85	1,286.53	29.32	44.881	
6,200.00	6,125.55	6,116.92	6,116.25	16.50	13.43	137.26	-880.14	-167.47	1,328.55	1,298.75	29.80	44.586	
6,300.00	6,224.23	6,213.99	6,213.28	16.80	13.63	137.84	-878.32	-169.76	1,341.44	1,311.16	30.28	44.304	
6,400.00	6,322.91	6,305.02	6,304.28	17.11	13.82	138.36	-877.13	-171.98	1,354.83	1,324.09	30.75	44.066	
6,500.00	6,421.59	6,410.81	6,410.04	17.42	14.04	138.91	-876.46	-174.03	1,368.31	1,337.06	31.25	43.781	
6,600.00	6,520.27	6,508.94	6,508.17	17.73	14.25	139.39	-876.24	-175.39	1,381.67	1,349.92	31.74	43.525	
6,700.00	6,619.08	6,608.95	6,608.16	18.02	14.46	136.29	-876.21	-176.57	1,394.28	1,362.06	32.22	43.270	
6,800.00	6,718.91	6,706.35	6,705.57	18.18	14.67	-8.06	-876.51	-177.59	1,396.65	1,364.07	32.58	42.863	
6,900.00	6,817.97	6,813.30	6,812.51	18.28	14.89	-26.65	-876.92	-178.37	1,385.52	1,352.59	32.93	42.075	
7,000.00	6,913.82	6,906.81	6,906.02	18.32	15.09	-31.01	-877.25	-178.91	1,361.34	1,328.14	33.20	41.003	
7,100.00	7,004.10	6,996.48	6,995.68	18.32	15.28	-35.03	-877.72	-179.41	1,325.17	1,291.73	33.43	39.635	
7,200.00	7,086.58	7,080.38	7,079.58	18.29	15.45	-40.06	-878.25	-179.80	1,278.23	1,244.59	33.64	37.997	
7,300.00	7,159.23	7,152.72	7,151.92	18.27	15.61	-46.57	-878.76	-180.07	1,222.26	1,188.44	33.82	36.140	
7,400.00	7,220.27	7,211.44	7,210.64	18.29	15.73	-54.70	-879.26	-180.29	1,159.54	1,125.55	33.99	34.114	
7,500.00	7,268.20	7,253.88	7,253.08	18.37	15.82	-64.04	-879.77	-180.58	1,092.81	1,058.65	34.17	31.986	
7,600.00	7,301.82	7,288.35	7,287.53	18.53	15.89	-74.21	-880.24	-180.88	1,024.76	990.36	34.40	29.789	
7,700.00	7,320.33	7,307.72	7,306.90	18.79	15.93	-83.55	-880.51	-181.05	958.40	923.70	34.70	27.618	
7,800.00	7,323.82	7,312.09	7,311.27	19.15	15.94	-89.14	-880.57	-181.09	896.88	861.79	35.09	25.559	
7,900.00	7,323.12	7,312.27	7,311.46	19.64	15.94	-89.16	-880.57	-181.09	842.67	807.04	35.63	23.648	
8,000.00	7,322.42	7,312.45	7,311.64	20.26	15.94	-89.17	-880.57	-181.09	797.37	761.01	36.36	21.932	
8,100.00	7,321.72	7,312.64	7,311.82	21.00	15.94	-89.19	-880.57	-181.10	762.56	725.32	37.24	20.477	
8,200.00	7,321.02	7,312.82	7,312.00	21.85	15.94	-89.20	-880.58	-181.10	739.73	701.50	38.23	19.350	
8,300.00	7,320.32	7,313.00	7,312.19	22.79	15.94	-89.22	-880.58	-181.10	730.00	690.78	39.23	18.609	
8,321.48	7,320.17	7,313.04	7,312.23	23.01	15.94	-89.22	-880.58	-181.10	729.69	690.25	39.44	18.500 CC, ES	
8,400.00	7,319.62	7,313.18	7,312.37	23.81	15.94	-89.23	-880.58	-181.10	733.90	693.76	40.14	18.283 SF	
8,500.00	7,318.92	7,313.37	7,312.55	24.91	15.94	-89.25	-880.58	-181.10	751.21	710.33	40.88	18.375	
8,600.00	7,318.22	7,313.55	7,312.74	26.06	15.94	-89.26	-880.59	-181.10	781.04	739.62	41.42	18.857	
8,700.00	7,317.52	7,313.73	7,312.92	27.27	15.94	-89.27	-880.59	-181.11	822.02	780.27	41.75	19.688	
8,800.00	7,316.82	7,313.92	7,313.10	28.53	15.94	-89.29	-880.59	-181.11	872.60	830.68	41.92	20.817	
8,900.00	7,316.12	7,314.10	7,313.29	29.83	15.94	-89.30	-880.59	-181.11	931.20	889.24	41.95	22.195	
9,000.00	7,315.42	7,314.28	7,313.47	31.17	15.94	-89.32	-880.60	-181.11	996.41	954.50	41.90	23.778	
9,100.00	7,314.72	7,314.47	7,313.65	32.53	15.94	-89.33	-880.60	-181.11	1,067.02	1,025.22	41.80	25.527	
9,200.00	7,314.02	7,314.65	7,313.83	33.93	15.94	-89.35	-880.60	-181.11	1,142.03	1,100.37	41.66	27.411	
9,300.00	7,313.32	7,314.83	7,314.02	35.35	15.94	-89.36	-880.60	-181.12	1,220.63	1,179.12	41.51	29.404	
9,400.00	7,312.62	7,315.01	7,314.20	36.79	15.94	-89.37	-880.61	-181.12	1,302.17	1,260.81	41.36	31.486	
9,500.00	7,311.92	7,315.20	7,314.38	38.24	15.94	-89.39	-880.61	-181.12	1,386.12	1,344.92	41.20	33.640	
9,600.00	7,311.22	7,315.38	7,314.57	39.72	15.94	-89.40	-880.61	-181.12	1,472.09	1,431.03	41.06	35.852	
9,700.00	7,310.52	7,315.56	7,314.75	41.21	15.94	-89.42	-880.61	-181.12	1,559.73	1,518.80	40.92	38.112	
9,800.00	7,309.82	7,315.75	7,314.93	42.72	15.94	-89.43	-880.62	-181.12	1,648.77	1,607.97	40.80	40.412	
9,900.00	7,309.12	7,315.93	7,315.11	44.23	15.95	-89.45	-880.62	-181.12	1,739.01	1,698.32	40.69	42.743	
10,000.00	7,308.42	7,316.11	7,315.30	45.76	15.95	-89.46	-880.62	-181.13	1,830.26	1,789.68	40.58	45.100	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
6N-66W-06 Offsets - CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surveys (Grid to True)												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7350-SRC Energy_2" CONE_2.448													
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
10,100.00	7,307.72	7,316.29	7,315.48	47.30	15.95	-89.47	-880.62	-181.13	1,922.38	1,881.89	40.49	47.479	
10,200.00	7,307.02	7,316.48	7,315.66	48.85	15.95	-89.49	-880.63	-181.13	2,015.26	1,974.85	40.41	49.874	
10,300.00	7,306.32	7,316.66	7,315.85	50.40	15.95	-89.50	-880.63	-181.13	2,108.78	2,068.45	40.33	52.283	
10,400.00	7,305.62	7,316.84	7,316.03	51.96	15.95	-89.52	-880.63	-181.13	2,202.88	2,162.61	40.27	54.703	
10,500.00	7,304.92	7,317.03	7,316.21	53.53	15.95	-89.53	-880.63	-181.13	2,297.47	2,257.25	40.21	57.131	
10,600.00	7,304.22	7,317.21	7,316.39	55.11	15.95	-89.55	-880.64	-181.14	2,392.50	2,352.34	40.17	59.565	
10,700.00	7,303.52	7,317.39	7,316.58	56.69	15.95	-89.56	-880.64	-181.14	2,487.92	2,447.80	40.13	62.003	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-41 - Petro Canada DA Well - No Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	175.51	-2,283.84	179.34	2,290.94				
100.00	100.00	82.00	82.00	3.28	3.59	175.51	-2,283.84	179.34	2,290.87	2,283.21	7.66	299.005	
200.00	200.00	182.00	182.00	3.31	5.71	175.51	-2,283.84	179.34	2,290.87	2,281.06	9.81	233.538	
300.00	300.00	282.00	282.00	3.35	8.85	78.37	-2,283.84	179.34	2,290.78	2,277.79	12.99	176.342	
400.00	399.93	381.93	381.93	3.41	12.21	78.47	-2,283.84	179.34	2,290.08	2,273.67	16.41	139.550	
500.00	499.68	481.68	481.68	3.50	15.64	78.67	-2,283.84	179.34	2,288.70	2,268.77	19.93	114.847	
600.00	599.13	581.13	581.13	3.61	19.10	78.96	-2,283.84	179.34	2,286.66	2,263.16	23.50	97.308	
700.00	698.15	680.15	680.15	3.75	22.57	79.36	-2,283.84	179.34	2,284.02	2,256.91	27.11	84.261	
800.00	796.84	778.84	778.84	3.93	26.03	79.76	-2,283.84	179.34	2,281.05	2,250.31	30.75	74.189	
900.00	895.52	877.52	877.52	4.13	29.50	80.15	-2,283.84	179.34	2,278.19	2,243.77	34.42	66.187	
1,000.00	994.20	976.20	976.20	4.36	32.98	80.55	-2,283.84	179.34	2,275.44	2,237.32	38.12	59.688	
1,100.00	1,092.88	1,074.88	1,074.88	4.61	36.46	80.95	-2,283.84	179.34	2,272.80	2,230.96	41.85	54.312	
1,200.00	1,191.56	1,173.56	1,173.56	4.87	39.95	81.35	-2,283.84	179.34	2,270.28	2,224.69	45.59	49.796	
1,300.00	1,290.24	1,272.24	1,272.24	5.15	43.43	81.75	-2,283.84	179.34	2,267.87	2,218.52	49.35	45.953	
1,400.00	1,388.92	1,370.92	1,370.92	5.44	46.92	82.15	-2,283.84	179.34	2,265.57	2,212.44	53.13	42.645	
1,500.00	1,487.60	1,469.60	1,469.60	5.74	50.41	82.55	-2,283.84	179.34	2,263.39	2,206.47	56.91	39.770	
1,600.00	1,586.28	1,568.28	1,568.28	6.04	53.90	82.95	-2,283.84	179.34	2,261.31	2,200.61	60.71	37.249	
1,700.00	1,684.96	1,666.96	1,666.96	6.36	57.39	83.35	-2,283.84	179.34	2,259.36	2,194.84	64.51	35.022	
1,800.00	1,783.64	1,765.64	1,765.64	6.68	60.88	83.75	-2,283.84	179.34	2,257.51	2,189.19	68.32	33.041	
1,900.00	1,882.32	1,864.32	1,864.32	6.86	64.37	84.16	-2,283.84	179.34	2,255.79	2,184.00	71.78	31.425	
2,000.00	1,981.00	1,963.00	1,963.00	6.89	67.86	84.56	-2,283.84	179.34	2,254.17	2,178.86	75.31	29.930	
2,100.00	2,079.68	2,061.68	2,061.68	6.95	71.35	84.97	-2,283.84	179.34	2,252.68	2,173.82	78.86	28.565	
2,200.00	2,178.36	2,160.36	2,160.36	7.01	74.85	85.37	-2,283.84	179.34	2,251.30	2,168.87	82.42	27.314	
2,300.00	2,277.04	2,259.04	2,259.04	7.10	78.34	85.78	-2,283.84	179.34	2,250.03	2,164.03	86.00	26.162	
2,400.00	2,375.72	2,357.72	2,357.72	7.20	81.83	86.18	-2,283.84	179.34	2,248.88	2,159.28	89.60	25.100	
2,500.00	2,474.40	2,456.40	2,456.40	7.31	85.33	86.59	-2,283.84	179.34	2,247.84	2,154.64	93.20	24.118	
2,600.00	2,573.08	2,555.08	2,555.08	7.43	88.82	87.00	-2,283.84	179.34	2,246.93	2,150.10	96.82	23.206	
2,700.00	2,671.76	2,653.76	2,653.76	7.57	92.32	87.40	-2,283.84	179.34	2,246.13	2,145.67	100.46	22.359	
2,800.00	2,770.44	2,752.44	2,752.44	7.72	95.81	87.81	-2,283.84	179.34	2,245.44	2,141.34	104.10	21.569	
2,900.00	2,869.12	2,851.12	2,851.12	7.89	99.30	88.22	-2,283.84	179.34	2,244.87	2,137.11	107.76	20.832	
3,000.00	2,967.80	2,949.80	2,949.80	8.06	102.80	88.63	-2,283.84	179.34	2,244.42	2,132.99	111.43	20.142	
3,100.00	3,066.48	3,048.48	3,048.48	8.24	106.29	89.03	-2,283.84	179.34	2,244.09	2,128.98	115.11	19.496	
3,200.00	3,165.16	3,147.16	3,147.16	8.43	109.79	89.44	-2,283.84	179.34	2,243.87	2,125.07	118.80	18.888	
3,300.00	3,263.84	3,245.84	3,245.84	8.64	113.28	89.85	-2,283.84	179.34	2,243.77	2,121.27	122.49	18.318	
3,336.51	3,299.87	3,281.87	3,281.87	8.71	114.56	90.00	-2,283.84	179.34	2,243.76	2,119.91	123.85	18.117	
3,400.00	3,362.52	3,344.52	3,344.52	8.84	116.78	90.26	-2,283.84	179.34	2,243.78	2,117.59	126.20	17.780	
3,500.00	3,461.20	3,443.20	3,443.20	9.06	120.27	90.67	-2,283.84	179.34	2,243.91	2,114.01	129.91	17.273	
3,600.00	3,559.88	3,541.88	3,541.88	9.29	123.77	91.08	-2,283.84	179.34	2,244.16	2,110.53	133.63	16.794	
3,700.00	3,658.56	3,640.56	3,640.56	9.52	127.26	91.48	-2,283.84	179.34	2,244.53	2,107.17	137.36	16.341	
3,800.00	3,757.24	3,739.24	3,739.24	9.75	130.76	91.89	-2,283.84	179.34	2,245.01	2,103.93	141.09	15.912	
3,900.00	3,855.92	3,837.92	3,837.92	9.99	134.26	92.30	-2,283.84	179.34	2,245.61	2,100.79	144.83	15.505	
4,000.00	3,954.60	3,936.60	3,936.60	10.24	137.75	92.71	-2,283.84	179.34	2,246.33	2,097.76	148.57	15.120	
4,100.00	4,053.28	4,035.28	4,035.28	10.49	141.25	93.11	-2,283.84	179.34	2,247.16	2,094.84	152.32	14.753	
4,200.00	4,151.96	4,133.96	4,133.96	10.75	144.74	93.52	-2,283.84	179.34	2,248.11	2,092.04	156.07	14.404	
4,300.00	4,250.64	4,232.64	4,232.64	11.01	148.24	93.93	-2,283.84	179.34	2,249.18	2,089.35	159.83	14.072	
4,400.00	4,349.32	4,331.32	4,331.32	11.28	151.73	94.33	-2,283.84	179.34	2,250.36	2,086.77	163.59	13.756	
4,500.00	4,448.00	4,430.00	4,430.00	11.55	155.23	94.74	-2,283.84	179.34	2,251.66	2,084.30	167.36	13.454	
4,600.00	4,546.68	4,528.68	4,528.68	11.82	158.72	95.14	-2,283.84	179.34	2,253.07	2,081.94	171.12	13.166	
4,700.00	4,645.36	4,627.36	4,627.36	12.09	162.22	95.55	-2,283.84	179.34	2,254.60	2,079.70	174.90	12.891	
4,800.00	4,744.04	4,726.04	4,726.04	12.37	165.72	95.95	-2,283.84	179.34	2,256.24	2,077.57	178.67	12.628	
4,900.00	4,842.72	4,824.72	4,824.72	12.65	169.21	96.35	-2,283.84	179.34	2,258.00	2,075.55	182.45	12.376	
5,000.00	4,941.40	4,923.40	4,923.40	12.94	172.71	96.76	-2,283.84	179.34	2,259.87	2,073.65	186.23	12.135	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-41 - Petro Canada DA Well - No Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	5,040.08	5,022.08	5,022.08	13.22	176.20	97.16	-2,283.84	179.34	2,261.86	2,071.85	190.01	11.904	
5,200.00	5,138.76	5,120.76	5,120.76	13.51	179.70	97.56	-2,283.84	179.34	2,263.96	2,070.17	193.79	11.682	
5,300.00	5,237.44	5,219.44	5,219.44	13.80	183.19	97.96	-2,283.84	179.34	2,266.18	2,068.60	197.58	11.470	
5,400.00	5,336.12	5,318.12	5,318.12	14.10	186.69	98.36	-2,283.84	179.34	2,268.51	2,067.14	201.37	11.265	
5,500.00	5,434.80	5,416.80	5,416.80	14.39	190.19	98.76	-2,283.84	179.34	2,270.95	2,065.79	205.16	11.069	
5,600.00	5,533.48	5,515.48	5,515.48	14.69	193.68	99.16	-2,283.84	179.34	2,273.51	2,064.55	208.95	10.880	
5,700.00	5,632.16	5,614.16	5,614.16	14.98	197.18	99.56	-2,283.84	179.34	2,276.17	2,063.43	212.75	10.699	
5,800.00	5,730.84	5,712.84	5,712.84	15.28	200.67	99.95	-2,283.84	179.34	2,278.95	2,062.41	216.54	10.524	
5,900.00	5,829.52	5,811.52	5,811.52	15.59	204.17	100.35	-2,283.84	179.34	2,281.84	2,061.51	220.34	10.356	
6,000.00	5,928.20	5,910.20	5,910.20	15.89	207.67	100.74	-2,283.84	179.34	2,284.84	2,060.71	224.14	10.194	
6,100.00	6,026.87	6,008.87	6,008.87	16.19	211.16	101.14	-2,283.84	179.34	2,287.96	2,060.02	227.93	10.038	
6,200.00	6,125.55	6,107.55	6,107.55	16.50	214.66	101.53	-2,283.84	179.34	2,291.18	2,059.45	231.73	9.887	
6,300.00	6,224.23	6,206.23	6,206.23	16.80	218.15	101.92	-2,283.84	179.34	2,294.51	2,058.98	235.54	9.742	
6,400.00	6,322.91	6,304.91	6,304.91	17.11	221.65	102.31	-2,283.84	179.34	2,297.95	2,058.62	239.34	9.601	
6,500.00	6,421.59	6,403.59	6,403.59	17.42	225.15	102.70	-2,283.84	179.34	2,301.51	2,058.37	243.14	9.466	
6,600.00	6,520.27	6,502.27	6,502.27	17.73	228.64	103.09	-2,283.84	179.34	2,305.16	2,058.22	246.94	9.335	
6,700.00	6,619.08	6,601.08	6,601.08	18.02	232.14	99.80	-2,283.84	179.34	2,308.60	2,057.87	250.73	9.207	
6,800.00	6,718.91	6,700.91	6,700.91	18.18	235.68	-44.80	-2,283.84	179.34	2,307.63	2,053.20	254.43	9.070	
6,900.00	6,817.97	6,800.03	6,799.97	18.28	239.19	-63.46	-2,283.84	179.34	2,301.00	2,042.96	258.04	8.917	
7,000.00	6,913.82	6,904.18	6,895.82	18.32	242.88	-67.66	-2,283.84	179.34	2,289.09	2,027.31	261.78	8.744	
7,100.00	7,004.10	6,986.10	6,986.10	18.32	245.78	-71.01	-2,283.84	179.34	2,272.66	2,007.97	264.68	8.586	
7,200.00	7,086.58	7,068.58	7,068.58	18.29	248.71	-74.44	-2,283.84	179.34	2,252.81	1,985.22	267.58	8.419	
7,300.00	7,159.23	7,141.23	7,141.23	18.27	251.28	-77.98	-2,283.84	179.34	2,230.92	1,960.78	270.14	8.258	
7,400.00	7,220.27	7,202.27	7,202.27	18.29	253.44	-81.48	-2,283.84	179.34	2,208.52	1,936.21	272.31	8.110	
7,500.00	7,268.20	7,250.20	7,250.20	18.37	255.14	-84.67	-2,283.84	179.34	2,187.20	1,913.11	274.08	7.980	
7,600.00	7,301.82	7,283.82	7,283.82	18.53	256.33	-87.30	-2,283.84	179.34	2,168.40	1,892.97	275.43	7.873	
7,700.00	7,320.33	7,302.33	7,302.33	18.79	256.99	-89.20	-2,283.84	179.34	2,153.36	1,877.02	276.35	7.792	
7,800.00	7,323.82	7,305.82	7,305.82	19.15	257.11	-90.03	-2,283.84	179.34	2,142.91	1,866.09	276.82	7.741	
7,900.00	7,323.12	7,305.12	7,305.12	19.64	257.09	-90.01	-2,283.84	179.34	2,137.16	1,859.88	277.28	7.708	
7,973.00	7,322.60	7,304.60	7,304.60	20.09	257.07	-90.00	-2,283.84	179.34	2,135.92	1,858.21	277.71	7.691 CC, ES	
8,000.00	7,322.42	7,304.42	7,304.42	20.26	257.06	-89.99	-2,283.84	179.34	2,136.09	1,858.22	277.86	7.688	
8,100.00	7,321.72	7,303.72	7,303.72	21.00	257.04	-89.98	-2,283.84	179.34	2,139.69	1,861.14	278.55	7.682 SF	
8,200.00	7,321.02	7,303.02	7,303.02	21.85	257.01	-89.96	-2,283.84	179.34	2,147.94	1,868.62	279.32	7.690	
8,300.00	7,320.32	7,302.32	7,302.32	22.79	256.99	-89.94	-2,283.84	179.34	2,160.80	1,880.64	280.16	7.713	
8,400.00	7,319.62	7,301.62	7,301.62	23.81	256.96	-89.92	-2,283.84	179.34	2,178.18	1,897.14	281.04	7.750	
8,500.00	7,318.92	7,300.92	7,300.92	24.91	256.94	-89.90	-2,283.84	179.34	2,199.97	1,918.02	281.95	7.803	
8,600.00	7,318.22	7,300.22	7,300.22	26.06	256.91	-89.88	-2,283.84	179.34	2,226.04	1,943.18	282.86	7.870	
8,700.00	7,317.52	7,300.48	7,299.52	27.27	256.92	-89.86	-2,283.84	179.34	2,256.25	1,972.44	283.81	7.950	
8,800.00	7,316.82	7,301.18	7,298.82	28.53	256.95	-89.84	-2,283.84	179.34	2,290.42	2,005.67	284.75	8.044	
8,900.00	7,316.12	7,301.88	7,298.12	29.83	256.97	-89.83	-2,283.84	179.34	2,328.40	2,042.73	285.67	8.151	
9,000.00	7,315.42	7,302.58	7,297.42	31.17	257.00	-89.81	-2,283.84	179.34	2,369.98	2,083.43	286.55	8.271	
9,100.00	7,314.72	7,303.28	7,296.72	32.53	257.02	-89.79	-2,283.84	179.34	2,415.00	2,127.60	287.40	8.403	
9,200.00	7,314.02	7,303.98	7,296.02	33.93	257.05	-89.77	-2,283.84	179.34	2,463.25	2,175.05	288.20	8.547	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - CECIL FARMS 6-41X - Noble P&A Well - Actual VES Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7100-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	175.95	-1,971.27	139.57	1,976.23				
100.00	100.00	113.34	113.33	3.28	3.28	175.95	-1,970.61	139.39	1,975.67	1,968.31	7.36	268.565	
200.00	200.00	210.22	210.21	3.31	3.30	175.96	-1,969.63	139.03	1,974.64	1,967.24	7.40	267.018	
300.00	300.00	307.15	307.13	3.35	3.33	78.84	-1,968.72	138.95	1,973.61	1,966.14	7.47	264.298	
400.00	399.93	402.27	402.26	3.41	3.37	78.95	-1,967.99	139.17	1,972.19	1,964.62	7.57	260.567	
500.00	499.68	493.29	493.27	3.50	3.42	79.16	-1,967.62	139.33	1,970.46	1,962.76	7.70	255.779	
600.00	599.13	599.53	599.51	3.61	3.49	79.52	-1,967.27	139.39	1,968.19	1,960.30	7.89	249.534	
700.00	698.15	682.80	682.78	3.75	3.55	79.90	-1,967.15	139.47	1,965.55	1,957.45	8.09	242.843	
800.00	796.84	775.24	775.22	3.93	3.63	80.34	-1,967.60	139.52	1,963.23	1,954.88	8.35	235.191	
900.00	895.52	881.71	881.69	4.13	3.73	80.84	-1,968.10	139.52	1,961.02	1,952.37	8.65	226.683	
1,000.00	994.20	976.09	976.07	4.36	3.83	81.27	-1,968.31	139.71	1,958.71	1,949.74	8.97	218.243	
1,100.00	1,092.88	1,078.66	1,078.64	4.61	3.95	81.76	-1,968.71	139.61	1,956.68	1,947.35	9.34	209.576	
1,200.00	1,191.56	1,178.09	1,178.07	4.87	4.07	82.24	-1,968.88	139.06	1,954.56	1,944.85	9.72	201.099	
1,300.00	1,290.24	1,276.24	1,276.22	5.15	4.20	82.71	-1,969.08	138.72	1,952.61	1,942.49	10.12	192.907	
1,400.00	1,388.92	1,381.85	1,381.83	5.44	4.34	83.21	-1,969.15	138.68	1,950.68	1,940.12	10.55	184.828	
1,500.00	1,487.60	1,478.95	1,478.92	5.74	4.48	83.68	-1,968.99	138.31	1,948.65	1,937.66	10.99	177.297	
1,600.00	1,586.28	1,576.47	1,576.45	6.04	4.63	84.16	-1,968.96	137.65	1,946.89	1,935.44	11.44	170.148	
1,700.00	1,684.96	1,676.77	1,676.74	6.36	4.78	84.66	-1,968.91	137.03	1,945.25	1,933.34	11.91	163.323	
1,800.00	1,783.64	1,763.97	1,763.93	6.68	4.92	85.08	-1,968.99	136.66	1,943.91	1,931.54	12.37	157.166	
1,900.00	1,882.32	1,857.65	1,857.62	6.86	5.07	85.55	-1,969.67	135.97	1,943.32	1,930.83	12.49	155.631	
2,000.00	1,981.00	1,966.06	1,966.03	6.89	5.25	86.08	-1,970.25	135.28	1,942.70	1,930.00	12.70	152.919	
2,100.00	2,079.68	2,063.23	2,063.19	6.95	5.42	86.57	-1,970.37	134.45	1,941.83	1,928.91	12.92	150.270	
2,200.00	2,178.36	2,162.37	2,162.32	7.01	5.59	87.07	-1,970.70	133.36	1,941.34	1,928.17	13.16	147.492	
2,300.00	2,277.04	2,268.61	2,268.56	7.10	5.77	87.61	-1,970.75	132.26	1,940.70	1,927.27	13.43	144.476	
2,400.00	2,375.72	2,369.59	2,369.53	7.20	5.96	88.13	-1,970.46	131.01	1,939.91	1,926.20	13.71	141.484	
2,500.00	2,474.40	2,473.87	2,473.79	7.31	6.14	88.68	-1,970.00	129.45	1,939.16	1,925.14	14.01	138.393	
2,600.00	2,573.08	2,572.46	2,572.38	7.43	6.33	89.18	-1,969.36	128.48	1,938.31	1,923.99	14.32	135.376	
2,700.00	2,671.76	2,671.62	2,671.53	7.57	6.51	89.68	-1,968.80	127.62	1,937.67	1,923.03	14.64	132.358	
2,800.00	2,770.44	2,765.50	2,765.40	7.72	6.69	90.16	-1,968.26	126.57	1,937.21	1,922.25	14.97	129.447	
2,840.41	2,810.31	2,802.36	2,802.26	7.79	6.76	90.36	-1,968.12	126.02	1,937.17	1,922.07	15.10	128.291	
2,900.00	2,869.12	2,854.98	2,854.87	7.89	6.86	90.63	-1,968.03	125.11	1,937.29	1,922.00	15.30	126.659	
3,000.00	2,967.80	2,944.00	2,943.87	8.06	7.03	91.11	-1,968.20	123.25	1,938.03	1,922.39	15.64	123.945	
3,100.00	3,066.48	3,037.02	3,036.86	8.24	7.20	91.61	-1,968.76	121.24	1,939.34	1,923.35	16.00	121.242	
3,200.00	3,165.16	3,131.40	3,131.21	8.43	7.39	92.13	-1,969.38	118.85	1,940.95	1,924.59	16.37	118.579	
3,300.00	3,263.84	3,223.74	3,223.52	8.64	7.57	92.64	-1,970.33	116.15	1,943.15	1,926.41	16.75	116.031	
3,400.00	3,362.52	3,331.76	3,331.48	8.84	7.78	93.25	-1,971.15	112.95	1,945.28	1,928.12	17.17	113.321	
3,500.00	3,461.20	3,432.42	3,432.11	9.06	7.98	93.79	-1,971.74	110.61	1,947.32	1,929.74	17.58	110.774	
3,600.00	3,559.88	3,527.29	3,526.97	9.29	8.16	94.28	-1,972.44	109.21	1,949.50	1,931.51	17.99	108.373	
3,700.00	3,658.56	3,613.06	3,612.72	9.52	8.33	94.71	-1,973.47	107.89	1,952.30	1,933.91	18.39	106.179	
3,800.00	3,757.24	3,696.75	3,696.39	9.75	8.50	95.14	-1,975.04	106.38	1,955.96	1,937.17	18.79	104.114	
3,900.00	3,855.92	3,806.88	3,806.47	9.99	8.72	95.71	-1,977.16	104.16	1,959.87	1,940.62	19.25	101.816	
4,000.00	3,954.60	3,893.30	3,892.86	10.24	8.89	96.15	-1,978.88	102.54	1,963.96	1,944.29	19.67	99.860	
4,100.00	4,053.28	3,990.28	3,989.80	10.49	9.09	96.64	-1,981.19	101.00	1,968.51	1,948.40	20.11	97.871	
4,200.00	4,151.96	4,087.31	4,086.79	10.75	9.28	97.11	-1,983.57	99.53	1,973.27	1,952.70	20.56	95.953	
4,300.00	4,250.64	4,173.34	4,172.77	11.01	9.46	97.54	-1,985.86	97.86	1,978.48	1,957.48	21.00	94.227	
4,400.00	4,349.32	4,267.35	4,266.70	11.28	9.65	98.03	-1,988.71	95.37	1,984.36	1,962.91	21.45	92.508	
4,500.00	4,448.00	4,365.79	4,365.06	11.55	9.85	98.53	-1,991.72	92.77	1,990.43	1,968.52	21.92	90.810	
4,600.00	4,546.68	4,464.10	4,463.29	11.82	10.05	99.03	-1,994.71	90.15	1,996.65	1,974.26	22.39	89.175	
4,700.00	4,645.36	4,582.88	4,581.99	12.09	10.29	99.64	-1,997.90	87.06	2,002.71	1,979.79	22.91	87.408	
4,800.00	4,744.04	4,679.89	4,678.95	12.37	10.49	100.13	-1,999.79	84.70	2,008.15	1,984.76	23.39	85.863	
4,900.00	4,842.72	4,783.19	4,782.20	12.65	10.71	100.65	-2,001.86	82.07	2,013.83	1,989.95	23.88	84.328	
5,000.00	4,941.40	4,879.15	4,878.11	12.94	10.90	101.14	-2,003.48	79.27	2,019.49	1,995.13	24.36	82.901	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7100-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
5,100.00	5,040.08	4,987.32	4,986.21	13.22	11.13	101.69	-2,005.31	76.34	2,025.25	2,000.38	24.87	81.434	
5,200.00	5,138.76	5,094.90	5,093.76	13.51	11.35	102.23	-2,006.64	73.89	2,030.60	2,005.22	25.38	80.006	
5,300.00	5,237.44	5,205.81	5,204.65	13.80	11.58	102.78	-2,007.45	71.47	2,035.59	2,009.69	25.90	78.593	
5,400.00	5,336.12	5,298.07	5,296.88	14.10	11.78	103.23	-2,008.01	69.55	2,040.60	2,014.22	26.38	77.351	
5,500.00	5,434.80	5,394.93	5,393.71	14.39	11.98	103.70	-2,008.77	67.52	2,045.91	2,019.04	26.87	76.130	
5,600.00	5,533.48	5,491.68	5,490.44	14.69	12.18	104.17	-2,009.59	65.47	2,051.45	2,024.08	27.37	74.957	
5,700.00	5,632.16	5,590.01	5,588.75	14.98	12.39	104.65	-2,010.48	63.41	2,057.17	2,029.30	27.87	73.817	
5,800.00	5,730.84	5,684.83	5,683.54	15.28	12.59	105.11	-2,011.30	61.15	2,063.10	2,034.74	28.36	72.742	
5,900.00	5,829.52	5,790.27	5,788.94	15.59	12.81	105.63	-2,012.09	58.46	2,069.15	2,040.27	28.88	71.644	
6,000.00	5,928.20	5,900.10	5,898.74	15.89	13.04	106.15	-2,012.65	56.40	2,074.87	2,045.46	29.41	70.547	
6,100.00	6,026.87	6,003.02	6,001.65	16.19	13.26	106.62	-2,012.97	54.96	2,080.34	2,050.42	29.93	69.513	
6,200.00	6,125.55	6,118.29	6,116.92	16.50	13.50	107.14	-2,012.93	53.95	2,085.44	2,054.97	30.47	68.441	
6,300.00	6,224.23	6,214.59	6,213.21	16.80	13.70	107.57	-2,012.65	53.18	2,090.39	2,059.42	30.97	67.492	
6,400.00	6,322.91	6,313.62	6,312.24	17.11	13.91	108.01	-2,012.33	52.38	2,095.46	2,063.98	31.48	66.563	
6,500.00	6,421.59	6,418.47	6,417.09	17.42	14.13	108.48	-2,011.78	51.53	2,100.47	2,068.46	32.00	65.634	
6,600.00	6,520.27	6,521.26	6,519.87	17.73	14.34	108.94	-2,010.98	50.72	2,105.36	2,072.84	32.52	64.740	
6,700.00	6,619.08	6,623.80	6,622.40	18.02	14.56	105.75	-2,009.81	49.66	2,109.77	2,076.75	33.02	63.898	
6,800.00	6,718.91	6,726.55	6,725.13	18.18	14.77	-38.82	-2,008.41	48.44	2,108.48	2,075.09	33.39	63.148	
6,900.00	6,817.97	6,828.78	6,827.35	18.28	14.98	-57.58	-2,006.89	47.41	2,099.86	2,066.16	33.70	62.309	
7,000.00	6,913.82	6,918.43	6,916.99	18.32	15.17	-61.98	-2,005.72	46.84	2,084.49	2,050.56	33.93	61.427	
7,100.00	7,004.10	6,987.57	6,986.12	18.32	15.32	-65.45	-2,005.31	46.19	2,063.89	2,029.80	34.08	60.554	
7,200.00	7,086.58	7,066.97	7,065.52	18.29	15.48	-69.30	-2,005.30	45.10	2,039.08	2,004.84	34.23	59.563	
7,300.00	7,159.23	7,140.56	7,139.10	18.27	15.87	-73.52	-2,005.29	44.08	2,010.97	1,976.35	34.61	58.101	
7,400.00	7,220.27	7,202.69	7,201.22	18.29	16.38	-77.86	-2,005.28	43.23	1,981.27	1,946.13	35.14	56.382	
7,500.00	7,268.20	7,251.82	7,250.34	18.37	17.10	-82.00	-2,005.28	42.55	1,951.81	1,915.87	35.94	54.303	
7,600.00	7,301.82	7,286.74	7,285.26	18.53	17.61	-85.63	-2,005.27	42.07	1,924.40	1,887.78	36.62	52.550	
7,700.00	7,320.33	7,306.59	7,305.11	18.79	17.94	-88.47	-2,005.27	41.79	1,900.59	1,863.38	37.21	51.081	
7,800.00	7,323.82	7,311.46	7,309.98	19.15	18.04	-89.95	-2,005.27	41.73	1,881.60	1,843.94	37.66	49.964	
7,900.00	7,323.12	7,312.13	7,310.66	19.64	18.05	-89.97	-2,005.27	41.72	1,867.82	1,829.66	38.16	48.948	
8,000.00	7,322.42	7,312.81	7,311.33	20.26	18.06	-89.99	-2,005.27	41.71	1,859.33	1,820.54	38.79	47.936	
8,100.00	7,321.72	7,313.49	7,312.01	21.00	18.08	-90.01	-2,005.27	41.70	1,856.20	1,816.67	39.53	46.961	
8,108.25	7,321.66	7,313.55	7,312.07	21.07	18.08	-90.01	-2,005.27	41.70	1,856.18	1,816.58	39.60	46.879 CC, ES	
8,200.00	7,321.02	7,314.17	7,312.69	21.85	18.09	-90.03	-2,005.27	41.69	1,858.45	1,818.09	40.35	46.054	
8,300.00	7,320.32	7,314.85	7,313.37	22.79	18.11	-90.05	-2,005.27	41.68	1,866.06	1,824.81	41.25	45.242	
8,400.00	7,319.62	7,315.53	7,314.05	23.81	18.12	-90.07	-2,005.27	41.67	1,878.97	1,836.79	42.18	44.546	
8,500.00	7,318.92	7,316.21	7,314.73	24.91	18.13	-90.09	-2,005.27	41.66	1,897.07	1,853.93	43.13	43.980	
8,600.00	7,318.22	7,316.89	7,315.41	26.06	18.15	-90.12	-2,005.27	41.65	1,920.21	1,876.12	44.09	43.553	
8,700.00	7,317.52	7,317.57	7,316.09	27.27	18.16	-90.14	-2,005.27	41.64	1,948.22	1,903.19	45.03	43.266	
8,800.00	7,316.82	7,318.24	7,316.77	28.53	18.17	-90.16	-2,005.27	41.63	1,980.88	1,934.95	45.94	43.120	
8,900.00	7,316.12	7,318.92	7,317.44	29.83	18.19	-90.18	-2,005.27	41.62	2,017.98	1,971.17	46.81	43.109 SF	
9,000.00	7,315.42	7,319.60	7,318.12	31.17	18.20	-90.20	-2,005.27	41.61	2,059.27	2,011.63	47.64	43.228	
9,100.00	7,314.72	7,320.28	7,318.80	32.53	18.21	-90.22	-2,005.27	41.61	2,104.50	2,056.09	48.41	43.469	
9,200.00	7,314.02	7,320.96	7,319.48	33.93	18.23	-90.24	-2,005.27	41.60	2,153.43	2,104.29	49.14	43.824	
9,300.00	7,313.32	7,321.64	7,320.16	35.35	18.24	-90.26	-2,005.27	41.59	2,205.81	2,156.00	49.81	44.284	
9,400.00	7,312.62	7,322.32	7,320.84	36.79	18.25	-90.28	-2,005.27	41.58	2,261.41	2,210.97	50.43	44.841	
9,500.00	7,311.92	7,323.00	7,321.52	38.24	18.27	-90.30	-2,005.27	41.57	2,319.98	2,268.97	51.00	45.487	
9,600.00	7,311.22	7,323.68	7,322.20	39.72	18.28	-90.33	-2,005.27	41.56	2,381.31	2,329.78	51.53	46.215	
9,700.00	7,310.52	7,324.35	7,322.87	41.21	18.30	-90.35	-2,005.27	41.55	2,445.19	2,393.19	52.01	47.018	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448, 1008-SRC Energy_ISCWSA REV 2 MWD, 7659-SRC Energy_ISCWSA REV 2 MWD												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	24.00	24.00	3.28	3.29	12.21	808.03	174.86	826.74				
100.00	100.00	124.00	124.00	3.28	3.89	12.21	808.03	174.86	826.74	818.60	8.14	101.618	
106.14	106.14	130.14	130.14	3.28	4.01	12.21	808.03	174.86	826.74	818.48	8.26	100.118	
200.00	200.00	223.77	223.77	3.31	6.17	12.21	808.03	174.89	826.74	816.31	10.43	79.235	
300.00	300.00	323.79	323.79	3.35	7.91	-84.94	808.01	175.23	826.75	814.53	12.22	67.654	
400.00	399.93	423.93	423.93	3.41	10.76	-85.19	808.01	175.26	826.46	811.32	15.14	54.599	
500.00	499.68	519.60	519.60	3.50	13.94	-85.66	808.18	175.25	826.08	807.69	18.39	44.909	
600.00	599.13	621.59	621.59	3.61	17.41	-86.41	808.68	175.25	825.84	803.86	21.98	37.570	
700.00	698.15	722.15	722.15	3.75	20.89	-87.40	808.71	175.25	825.10	799.50	25.60	32.232	
800.00	796.84	820.14	820.13	3.93	23.32	-88.51	808.77	175.03	824.55	796.33	28.21	29.224	
900.00	895.52	919.25	919.25	4.13	25.51	-89.67	808.94	174.46	824.37	793.77	30.60	26.940	
931.72	926.82	950.90	950.90	4.20	26.21	-90.03	808.94	174.44	824.36	792.99	31.38	26.272	
1,000.00	994.20	1,017.66	1,017.66	4.36	27.18	-90.78	809.00	174.38	824.49	791.99	32.51	25.365	
1,100.00	1,092.88	1,121.26	1,121.25	4.61	27.19	-92.00	808.83	173.64	824.65	791.90	32.75	25.178	
1,200.00	1,191.56	1,221.08	1,221.07	4.87	27.19	-93.18	808.30	172.68	824.78	791.76	33.02	24.980	
1,300.00	1,290.24	1,319.27	1,319.25	5.15	27.20	-94.35	807.74	171.68	825.22	791.92	33.30	24.782	
1,400.00	1,388.92	1,418.83	1,418.80	5.44	27.21	-95.54	807.14	170.47	825.98	792.39	33.59	24.587	
1,500.00	1,487.60	1,517.53	1,517.49	5.74	27.22	-96.73	806.40	169.16	826.95	793.05	33.90	24.394	
1,600.00	1,586.28	1,612.59	1,612.54	6.04	27.23	-97.88	805.91	167.83	828.52	794.31	34.22	24.215	
1,700.00	1,684.96	1,707.40	1,707.34	6.36	27.25	-98.98	805.87	167.15	830.90	796.36	34.54	24.058	
1,800.00	1,783.64	1,805.35	1,805.29	6.68	27.27	-100.09	806.18	166.63	833.96	799.09	34.87	23.918	
1,900.00	1,882.32	1,908.60	1,908.54	6.86	27.29	-101.24	806.20	166.32	837.03	802.36	34.67	24.140	
2,000.00	1,981.00	2,010.93	2,010.87	6.89	27.31	-102.35	805.65	166.31	839.85	805.13	34.73	24.185	
2,100.00	2,079.68	2,108.67	2,108.61	6.95	27.34	-103.42	804.94	166.10	842.80	808.01	34.80	24.221	
2,200.00	2,178.36	2,206.60	2,206.54	7.01	27.37	-104.48	804.43	166.03	846.23	811.35	34.88	24.260	
2,300.00	2,277.04	2,310.52	2,310.45	7.10	27.40	-105.59	803.63	165.89	849.74	814.75	34.99	24.288	
2,400.00	2,375.72	2,419.08	2,419.00	7.20	27.44	-106.72	801.87	166.29	852.62	817.52	35.10	24.290	
2,500.00	2,474.40	2,540.32	2,540.17	7.31	27.48	-107.98	798.10	166.93	854.40	819.19	35.21	24.263	
2,600.00	2,573.08	2,677.36	2,676.81	7.43	27.54	-109.38	788.01	169.17	851.87	816.59	35.28	24.147	
2,700.00	2,671.76	2,826.18	2,824.54	7.57	27.62	-110.92	770.66	173.04	845.57	810.33	35.24	23.996	
2,800.00	2,770.44	2,933.33	2,930.12	7.72	27.68	-112.17	752.49	175.30	834.25	798.88	35.37	23.586	
2,900.00	2,869.12	3,027.76	3,023.42	7.89	27.74	-113.29	738.06	177.01	825.06	789.48	35.58	23.186	
3,000.00	2,967.80	3,152.73	3,146.43	8.06	27.84	-114.85	716.20	179.61	814.07	778.44	35.63	22.850	
3,100.00	3,066.48	3,248.61	3,240.51	8.24	27.92	-116.08	697.84	182.07	801.76	765.90	35.86	22.358	
3,200.00	3,165.16	3,333.17	3,323.66	8.43	27.99	-117.14	682.76	184.71	790.91	754.73	36.17	21.863	
3,300.00	3,263.84	3,412.39	3,401.87	8.64	28.06	-118.03	670.66	188.26	782.39	745.87	36.52	21.423	
3,400.00	3,362.52	3,506.71	3,495.29	8.84	28.14	-119.07	658.35	192.30	776.28	739.49	36.79	21.100	
3,500.00	3,461.20	3,621.92	3,609.20	9.06	28.26	-120.28	642.34	198.82	769.18	732.23	36.96	20.812	
3,600.00	3,559.88	3,733.96	3,719.60	9.29	28.38	-121.48	624.65	205.96	760.31	723.17	37.14	20.469	
3,700.00	3,658.56	3,858.32	3,841.53	9.52	28.55	-122.95	601.68	214.14	749.19	711.95	37.24	20.120	
3,800.00	3,757.24	3,976.35	3,956.43	9.75	28.74	-124.54	575.76	221.75	735.25	697.90	37.36	19.682	
3,900.00	3,855.92	4,079.14	4,055.99	9.99	28.92	-126.05	551.07	228.38	719.90	682.29	37.61	19.141	
4,000.00	3,954.60	4,157.70	4,132.19	10.24	29.06	-127.26	532.60	233.18	705.73	667.64	38.10	18.524	
4,100.00	4,053.28	4,231.36	4,204.31	10.49	29.18	-128.34	518.22	237.21	695.69	657.08	38.61	18.021	
4,200.00	4,151.96	4,319.04	4,290.59	10.75	29.31	-129.55	503.44	242.22	688.32	649.33	39.00	17.651	
4,300.00	4,250.64	4,410.09	4,380.42	11.01	29.45	-130.73	489.63	247.68	682.63	643.26	39.37	17.340	
4,400.00	4,349.32	4,506.30	4,475.46	11.28	29.60	-132.01	475.57	252.92	678.05	638.34	39.71	17.074	
4,500.00	4,448.00	4,607.99	4,575.83	11.55	29.77	-133.45	460.04	257.91	673.62	633.58	40.04	16.823	
4,600.00	4,546.68	4,702.94	4,669.51	11.82	29.94	-134.90	445.03	261.65	669.76	629.34	40.42	16.572	
4,700.00	4,645.36	4,797.47	4,762.90	12.09	30.10	-136.28	431.03	265.83	666.85	626.06	40.80	16.346	
4,800.00	4,744.04	4,890.64	4,855.05	12.37	30.26	-137.66	417.73	269.35	665.20	624.01	41.19	16.150	
4,900.00	4,842.72	4,991.62	4,954.87	12.65	30.45	-139.26	402.71	272.15	664.21	622.65	41.56	15.982	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448, 1008-SRC Energy_ISCWSA REV 2 MWD, 7659-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,000.00	4,941.40	5,092.30	5,054.22	12.94	30.64	-140.93	386.65	274.77	663.04	621.10	41.95	15.806		
5,053.00	4,993.70	5,140.71	5,102.00	13.09	30.74	-141.75	378.92	275.81	662.82	620.65	42.18	15.715		
5,100.00	5,040.08	5,187.81	5,148.50	13.22	30.83	-142.55	371.52	276.73	662.90	620.53	42.37	15.647		
5,172.11	5,111.23	5,263.43	5,223.16	13.43	30.98	-143.79	359.65	278.81	662.88	620.23	42.64	15.544		
5,200.00	5,138.76	5,289.18	5,248.58	13.51	31.03	-144.21	355.62	279.58	662.91	620.14	42.77	15.500		
5,300.00	5,237.44	5,391.99	5,350.07	13.80	31.24	-145.89	339.41	282.62	663.31	620.13	43.18	15.362		
5,357.10	5,293.78	5,455.77	5,412.88	13.97	31.38	-146.96	328.64	284.89	663.10	619.70	43.40	15.280		
5,400.00	5,336.12	5,484.83	5,441.57	14.10	31.44	-147.43	324.10	285.81	663.44	619.80	43.64	15.204		
5,500.00	5,434.80	5,574.24	5,530.08	14.39	31.62	-148.78	311.64	288.24	666.19	622.09	44.10	15.105		
5,600.00	5,533.48	5,676.24	5,631.06	14.69	31.82	-150.27	297.70	291.55	669.20	624.66	44.54	15.025		
5,700.00	5,632.16	5,772.62	5,726.57	14.98	32.01	-151.58	285.32	295.32	672.59	627.60	44.99	14.950		
5,800.00	5,730.84	5,868.58	5,821.71	15.28	32.20	-152.87	273.28	298.70	676.83	631.38	45.45	14.893		
5,900.00	5,829.52	5,978.86	5,930.87	15.59	32.45	-154.46	257.92	301.98	681.19	635.29	45.90	14.840		
6,000.00	5,928.20	6,079.91	6,030.47	15.89	32.69	-156.07	241.27	305.43	684.20	637.80	46.40	14.746		
6,100.00	6,026.87	6,174.45	6,123.68	16.19	32.92	-157.57	225.69	308.26	688.11	641.19	46.92	14.664		
6,200.00	6,125.55	6,284.82	6,232.18	16.50	33.21	-159.45	205.76	311.09	692.18	644.73	47.45	14.587		
6,300.00	6,224.23	6,395.32	6,340.05	16.80	33.55	-161.56	182.01	314.40	694.91	646.89	48.03	14.470		
6,400.00	6,322.91	6,521.39	6,461.79	17.11	34.00	-164.30	149.81	319.24	696.11	647.47	48.64	14.312		
6,500.00	6,421.59	6,624.07	6,566.10	17.42	34.49	-167.65	109.45	321.14	694.64	645.13	49.51	14.031		
6,525.48	6,446.74	6,651.75	6,581.04	17.50	34.64	-168.65	97.42	321.21	694.63	644.87	49.76	13.961		
6,600.00	6,520.27	6,699.25	6,623.37	17.73	34.91	-170.46	75.91	320.81	696.04	645.56	50.48	13.788		
6,700.00	6,619.08	6,761.00	6,676.27	18.02	35.27	-176.93	44.52	315.73	704.06	652.70	51.36	13.708		
6,800.00	6,718.91	6,788.99	6,699.52	18.18	35.44	37.13	29.52	311.54	708.57	656.94	51.63	13.724		
6,900.00	6,817.97	6,827.50	6,731.22	18.28	35.68	17.71	9.16	303.60	707.48	655.91	51.58	13.718		
7,000.00	6,913.82	6,854.00	6,752.78	18.32	35.85	14.18	-4.61	296.70	700.67	649.80	50.87	13.775		
7,100.00	7,004.10	6,913.18	6,800.39	18.32	36.18	11.09	-34.14	277.67	686.63	636.15	50.48	13.601		
7,200.00	7,086.58	6,948.00	6,828.06	18.29	36.38	9.55	-50.56	264.37	666.03	616.81	49.22	13.531		
7,300.00	7,159.23	6,999.41	6,867.90	18.27	36.65	7.66	-73.57	241.49	638.47	590.32	48.15	13.259		
7,400.00	7,220.27	7,043.00	6,900.33	18.29	36.89	6.18	-91.91	218.87	604.65	558.02	46.63	12.966		
7,500.00	7,268.20	7,085.61	6,930.78	18.37	37.09	4.79	-108.32	194.01	564.38	519.49	44.89	12.572		
7,600.00	7,301.82	7,137.00	6,965.80	18.53	37.34	3.13	-125.47	160.57	517.67	474.23	43.43	11.919		
7,700.00	7,320.33	7,171.55	6,987.91	18.79	37.47	2.06	-134.95	135.80	464.77	423.68	41.09	11.311		
7,800.00	7,323.82	7,213.22	7,012.44	19.15	37.63	0.85	-143.52	103.25	407.12	368.08	39.04	10.428		
7,900.00	7,323.12	7,272.49	7,043.70	19.64	37.82	-0.31	-150.58	53.43	353.12	315.38	37.74	9.357		
8,000.00	7,322.42	7,339.76	7,076.76	20.26	38.05	-0.76	-152.97	-5.08	303.47	266.77	36.70	8.270		
8,100.00	7,321.72	7,399.01	7,100.94	21.00	38.28	-1.15	-154.80	-59.12	261.97	227.12	34.85	7.517		
8,200.00	7,321.02	7,468.83	7,122.19	21.85	38.69	-2.39	-159.73	-125.40	230.83	197.01	33.82	6.825		
8,300.00	7,320.32	7,546.98	7,139.05	22.79	39.35	-5.11	-169.42	-201.07	209.09	175.24	33.85	6.177		
8,400.00	7,319.62	7,631.65	7,151.29	23.81	41.02	-8.34	-179.98	-284.16	195.25	160.42	34.84	5.605		
8,500.00	7,318.92	7,722.40	7,159.09	24.91	42.46	-11.82	-191.05	-373.88	187.99	151.47	36.52	5.148		
8,600.00	7,318.22	7,814.31	7,163.64	26.06	43.09	-15.29	-202.19	-464.99	185.13	146.41	38.72	4.781		
8,608.11	7,318.16	7,821.72	7,163.84	26.16	43.15	-15.56	-203.08	-472.35	185.11	146.19	38.93	4.756		
8,700.00	7,317.52	7,911.19	7,164.74	27.27	43.90	-18.31	-212.71	-561.29	186.26	145.09	41.17	4.524		
8,800.00	7,316.82	8,013.94	7,164.90	28.53	44.92	-20.08	-219.37	-663.82	187.31	144.21	43.10	4.346		
8,900.00	7,316.12	8,116.75	7,166.06	29.83	46.13	-21.20	-223.44	-766.53	186.69	141.80	44.90	4.158		
9,000.00	7,315.42	8,217.08	7,167.18	31.17	47.51	-21.59	-224.95	-866.85	185.23	138.71	46.52	3.981		
9,100.00	7,314.72	8,318.34	7,168.59	32.53	49.14	-21.95	-226.21	-968.09	183.43	135.21	48.22	3.804		
9,200.00	7,314.02	8,419.57	7,170.96	33.93	50.98	-22.30	-227.03	-1,069.28	180.60	130.57	50.03	3.610		
9,259.42	7,313.60	8,473.84	7,171.53	34.77	52.05	-22.49	-227.77	-1,123.54	179.75	128.31	51.44	3.494		
9,300.00	7,313.32	8,511.91	7,171.07	35.35	52.83	-22.60	-228.55	-1,161.60	180.12	127.75	52.37	3.439		
9,400.00	7,312.62	8,614.17	7,169.68	36.79	55.06	-22.76	-230.23	-1,263.84	181.04	126.86	54.19	3.341		
9,500.00	7,311.92	8,719.17	7,170.65	38.24	57.50	-23.10	-231.58	-1,368.82	179.70	123.62	56.08	3.204		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC Surveys (Grid to True)													Offset Site Error: 0.00 usft	
Survey Program: 100-SRC Energy_2" CONE_2.448, 1008-SRC Energy_ISCWSA REV 2 MWD, 7659-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
9,600.00	7,311.22	8,820.07	7,173.49	39.72	59.96	-23.42	-232.02	-1,469.68	176.31	118.03	58.27	3.026		
9,700.00	7,310.52	8,918.37	7,175.06	41.21	62.47	-23.64	-232.60	-1,567.96	174.09	113.48	60.61	2.872		
9,800.00	7,309.82	9,017.15	7,176.77	42.72	65.08	-23.76	-232.78	-1,666.73	171.60	108.71	62.89	2.728		
9,841.77	7,309.53	9,056.34	7,176.77	43.35	66.14	-23.77	-233.02	-1,705.92	171.29	107.32	63.96	2.678		
9,900.00	7,309.12	9,114.20	7,176.14	44.23	67.72	-23.73	-233.49	-1,763.78	171.49	106.29	65.20	2.630		
10,000.00	7,308.42	9,215.70	7,175.27	45.76	70.56	-23.46	-233.55	-1,865.27	171.30	104.31	67.00	2.557		
10,100.00	7,307.72	9,316.13	7,174.81	47.30	73.42	-22.92	-232.55	-1,965.69	170.36	101.79	68.56	2.485		
10,200.00	7,307.02	9,416.40	7,174.14	48.85	76.32	-22.23	-231.18	-2,065.95	169.48	99.53	69.95	2.423		
10,300.00	7,306.32	9,517.01	7,173.52	50.40	79.28	-21.25	-228.90	-2,166.53	168.24	97.32	70.92	2.372		
10,400.00	7,305.62	9,617.34	7,174.00	51.96	82.28	-21.03	-228.63	-2,266.84	166.74	93.93	72.80	2.290		
10,500.00	7,304.92	9,718.93	7,177.00	53.53	85.37	-22.78	-233.45	-2,368.27	164.80	87.62	77.18	2.135		
10,565.78	7,304.46	9,780.73	7,178.84	54.57	87.26	-23.98	-236.74	-2,429.95	163.77	83.11	80.65	2.030 CC		
10,600.00	7,304.22	9,812.15	7,179.13	55.11	88.23	-24.62	-238.81	-2,461.31	164.06	81.48	82.58	1.987		
10,700.00	7,303.52	9,909.20	7,178.37	56.69	91.23	-26.63	-246.10	-2,558.08	167.02	78.84	88.17	1.894		
10,800.00	7,302.82	10,007.55	7,176.74	58.28	94.30	-28.57	-253.88	-2,656.10	171.15	77.34	93.81	1.824		
10,900.00	7,302.12	10,105.66	7,174.25	59.87	97.38	-30.33	-261.85	-2,753.85	176.33	76.93	99.39	1.774		
11,000.00	7,301.42	10,216.03	7,173.27	61.46	100.86	-31.99	-268.93	-2,863.98	179.39	75.10	104.29	1.720		
11,005.68	7,301.38	10,222.35	7,173.38	61.55	101.06	-32.07	-269.21	-2,870.29	179.38	74.83	104.55	1.716		
11,100.00	7,300.72	10,314.06	7,172.87	63.06	103.98	-32.58	-271.77	-2,961.96	180.23	71.91	108.33	1.664		
11,200.00	7,300.02	10,413.86	7,171.03	64.67	107.16	-32.48	-272.99	-3,061.73	181.39	70.29	111.11	1.633		
11,300.00	7,299.32	10,515.02	7,169.21	66.27	110.40	-32.29	-273.87	-3,162.87	182.32	68.69	113.63	1.605		
11,400.00	7,298.62	10,616.42	7,168.58	67.88	113.67	-32.31	-274.77	-3,264.27	182.28	65.76	116.52	1.564		
11,500.00	7,297.93	10,718.01	7,167.82	69.50	116.95	-32.15	-275.06	-3,365.85	182.02	62.98	119.04	1.529		
11,600.00	7,297.23	10,821.50	7,169.48	71.11	120.30	-32.33	-275.10	-3,469.33	179.63	57.56	122.07	1.472 Level 3		
11,700.00	7,296.53	10,923.16	7,172.15	72.73	123.61	-32.58	-274.74	-3,570.95	176.17	50.78	125.39	1.405 Level 3		
11,800.00	7,295.83	11,018.85	7,174.87	74.35	126.73	-32.91	-274.57	-3,666.59	172.66	43.19	129.47	1.334 Level 3		
11,832.27	7,295.60	11,048.43	7,174.90	74.88	127.70	-32.93	-274.75	-3,696.18	172.41	41.70	130.71	1.319 Level 3		
11,900.00	7,295.13	11,115.27	7,174.04	75.97	129.89	-32.86	-275.31	-3,763.01	172.72	40.06	132.66	1.302 Level 3		
12,000.00	7,294.43	11,214.94	7,172.50	77.60	133.16	-32.63	-275.91	-3,862.66	173.30	38.07	135.23	1.282 Level 3		
12,100.00	7,293.73	11,314.66	7,171.32	79.23	136.44	-32.75	-277.48	-3,962.36	174.10	35.58	138.53	1.257 Level 3		
12,200.00	7,293.03	11,412.66	7,171.25	80.86	139.67	-33.76	-281.60	-4,060.27	175.41	31.37	144.04	1.218 Level 2		
12,300.00	7,292.33	11,511.59	7,171.25	82.49	142.94	-35.31	-287.77	-4,159.01	177.89	27.03	150.86	1.179 Level 2		
12,400.00	7,291.63	11,611.84	7,171.25	84.12	146.25	-36.87	-294.16	-4,259.06	180.58	22.80	157.78	1.144 Level 2		
12,500.00	7,290.93	11,710.79	7,171.25	85.76	161.66	-38.44	-300.75	-4,357.78	183.58	9.61	173.96	1.055 Level 2, ES, SF		
12,600.00	7,290.23	11,718.00	7,171.25	87.39	163.44	-38.55	-301.25	-4,364.98	208.55	42.66	165.90	1.257 Level 3		
12,700.00	7,289.53	11,718.00	7,171.25	89.03	163.44	-38.55	-301.25	-4,364.98	270.62	129.76	140.86	1.921		
12,800.00	7,288.83	11,718.00	7,171.25	90.67	163.44	-38.55	-301.25	-4,364.98	350.68	229.65	121.03	2.897		
12,900.00	7,288.13	11,718.00	7,171.25	92.31	163.44	-38.55	-301.25	-4,364.98	439.00	331.15	107.85	4.070		
13,000.00	7,287.43	11,718.00	7,171.25	93.95	163.44	-38.55	-301.25	-4,364.98	531.47	432.37	99.11	5.363		
13,100.00	7,286.73	11,718.00	7,171.25	95.59	163.44	-38.55	-301.25	-4,364.98	626.26	533.16	93.10	6.727		
13,200.00	7,286.03	11,718.00	7,171.25	97.24	163.44	-38.55	-301.25	-4,364.98	722.46	633.63	88.83	8.133		
13,300.00	7,285.33	11,718.00	7,171.25	98.88	163.44	-38.55	-301.25	-4,364.98	819.57	733.88	85.69	9.564		
13,400.00	7,284.63	11,718.00	7,171.25	100.53	163.44	-38.55	-301.25	-4,364.98	917.30	833.98	83.32	11.010		
13,500.00	7,283.93	11,718.00	7,171.25	102.17	163.44	-38.55	-301.25	-4,364.98	1,015.47	933.99	81.48	12.463		
13,600.00	7,283.23	11,718.00	7,171.25	103.82	163.44	-38.55	-301.25	-4,364.98	1,113.96	1,033.93	80.03	13.919		
13,700.00	7,282.53	11,718.00	7,171.25	105.47	163.44	-38.55	-301.25	-4,364.98	1,212.71	1,133.84	78.87	15.376		
13,800.00	7,281.83	11,718.00	7,171.25	107.12	163.44	-38.55	-301.25	-4,364.98	1,311.64	1,233.71	77.93	16.831		
13,900.00	7,281.13	11,718.00	7,171.25	108.77	163.44	-38.55	-301.25	-4,364.98	1,410.72	1,333.57	77.16	18.284		
14,000.00	7,280.43	11,718.00	7,171.25	110.42	163.44	-38.55	-301.25	-4,364.98	1,509.93	1,433.41	76.52	19.733		
14,100.00	7,279.73	11,718.00	7,171.25	112.07	163.44	-38.55	-301.25	-4,364.98	1,609.23	1,533.25	75.98	21.178		
14,200.00	7,279.03	11,718.00	7,171.25	113.72	163.44	-38.55	-301.25	-4,364.98	1,708.62	1,633.08	75.54	22.619		
14,300.00	7,278.33	11,718.00	7,171.25	115.37	163.44	-38.55	-301.25	-4,364.98	1,808.07	1,732.91	75.16	24.055		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
6N-66W-06 Offsets - Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC Surveys (Grid to True)												<b>Offset Well Error:</b>	3.28 usft
Survey Program: 100-SRC Energy_2" CONE_2.448, 1008-SRC Energy_ISCWSA REV 2 MWD, 7659-SRC Energy_ISCWSA REV 2 MWD													
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
14,400.00	7,277.63	11,718.00	7,171.25	117.03	163.44	-38.55	-301.25	-4,364.98	1,907.58	1,832.73	74.85	25.486	
14,500.00	7,276.93	11,718.00	7,171.25	118.68	163.44	-38.55	-301.25	-4,364.98	2,007.14	1,932.56	74.58	26.912	
14,600.00	7,276.23	11,718.00	7,171.25	120.33	163.44	-38.55	-301.25	-4,364.98	2,106.74	2,032.38	74.36	28.333	
14,700.00	7,275.53	11,718.00	7,171.25	121.99	163.44	-38.55	-301.25	-4,364.98	2,206.37	2,132.21	74.17	29.748	
14,800.00	7,274.83	11,718.00	7,171.25	123.64	163.44	-38.55	-301.25	-4,364.98	2,306.04	2,232.03	74.01	31.158	
14,900.00	7,274.13	11,718.00	7,171.25	125.30	163.44	-38.55	-301.25	-4,364.98	2,405.74	2,331.86	73.88	32.563	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DDC Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448, 1013-SRC Energy_ISCWSA REV 2 MWD, 7657-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	
0.00	0.00	24.00	24.00	3.28	3.29	11.52	844.47	172.08	861.82				
100.00	100.00	124.00	124.00	3.28	3.89	11.52	844.47	172.08	861.82	853.69	8.14	105.930	
200.00	200.00	224.00	224.00	3.31	6.52	11.52	844.47	172.08	861.82	851.03	10.79	79.889	
300.00	300.00	324.00	324.00	3.35	9.75	-85.66	844.47	172.08	861.79	847.73	14.06	61.305	
400.00	399.93	423.93	423.93	3.41	13.13	-85.90	844.47	172.08	861.53	844.02	17.51	49.212	
500.00	499.68	523.68	523.68	3.50	16.58	-86.37	844.47	172.08	861.06	840.02	21.04	40.931	
600.00	599.13	623.13	623.13	3.61	20.05	-87.07	844.47	172.08	860.46	835.84	24.62	34.956	
700.00	698.15	722.15	722.15	3.75	23.51	-88.00	844.47	172.08	859.85	831.63	28.23	30.461	
800.00	796.84	820.84	820.84	3.93	26.98	-89.06	844.47	172.08	859.44	827.56	31.87	26.965	
887.79	883.47	907.47	907.47	4.11	30.03	-90.00	844.47	172.08	859.32	824.22	35.10	24.483	
900.00	895.52	919.52	919.52	4.13	30.45	-90.13	844.47	172.08	859.32	823.77	35.55	24.172	
1,000.00	994.20	1,018.20	1,018.20	4.36	32.73	-91.20	844.47	172.08	859.51	821.46	38.05	22.588	
1,100.00	1,092.88	1,111.84	1,111.84	4.61	32.64	-92.18	844.84	172.51	860.43	822.22	38.21	22.520	
1,200.00	1,191.56	1,208.88	1,208.88	4.87	32.64	-93.20	845.47	172.93	861.89	823.42	38.47	22.403	
1,300.00	1,290.24	1,306.07	1,306.06	5.15	32.65	-94.22	846.28	173.41	863.82	825.07	38.75	22.291	
1,400.00	1,388.92	1,404.10	1,404.09	5.44	32.66	-95.24	847.24	173.80	866.18	827.13	39.04	22.184	
1,500.00	1,487.60	1,503.11	1,503.04	5.74	32.67	-96.10	848.17	176.82	868.82	829.47	39.35	22.080	
1,600.00	1,586.28	1,603.15	1,602.77	6.04	32.68	-96.66	849.06	184.46	871.63	831.96	39.67	21.974	
1,700.00	1,684.96	1,710.73	1,709.57	6.36	32.70	-96.95	849.59	197.37	874.13	834.13	40.00	21.854	
1,800.00	1,783.64	1,837.72	1,834.92	6.68	32.73	-96.97	847.80	217.53	874.80	834.47	40.33	21.690	
1,900.00	1,882.32	1,940.10	1,935.96	6.86	32.76	-96.99	844.15	233.65	873.25	833.10	40.15	21.749	
2,000.00	1,981.00	2,035.90	2,030.59	6.89	32.80	-97.04	841.06	248.26	872.04	831.81	40.23	21.679	
2,100.00	2,079.68	2,200.63	2,193.21	6.95	32.86	-97.23	830.19	271.90	867.51	827.34	40.17	21.598	
2,200.00	2,178.36	2,322.60	2,313.55	7.01	32.92	-97.64	815.55	285.22	857.46	817.29	40.17	21.346	
2,300.00	2,277.04	2,452.72	2,441.89	7.10	32.98	-98.50	795.98	293.72	844.44	804.35	40.10	21.061	
2,400.00	2,375.72	2,565.97	2,553.29	7.20	33.04	-99.51	776.01	297.67	829.07	788.96	40.11	20.670	
2,500.00	2,474.40	2,679.42	2,664.50	7.31	33.11	-100.53	754.05	302.24	812.19	772.07	40.12	20.243	
2,600.00	2,573.08	2,805.52	2,787.33	7.43	33.21	-101.62	726.38	308.80	792.87	752.87	40.00	19.821	
2,700.00	2,671.76	2,904.13	2,882.79	7.57	33.31	-102.40	702.59	315.59	771.42	731.26	40.16	19.207	
2,800.00	2,770.44	2,979.00	2,955.66	7.72	33.38	-103.10	685.92	319.72	752.01	711.42	40.58	18.530	
2,900.00	2,869.12	3,089.06	3,062.96	7.89	33.50	-104.23	662.05	325.06	733.54	692.89	40.65	18.047	
3,000.00	2,967.80	3,196.80	3,167.43	8.06	33.63	-105.39	636.31	330.72	712.98	672.25	40.73	17.505	
3,100.00	3,066.48	3,284.44	3,252.49	8.24	33.74	-106.39	615.69	335.17	693.09	652.03	41.06	16.880	
3,200.00	3,165.16	3,377.43	3,342.99	8.43	33.85	-107.50	594.83	339.90	674.55	633.21	41.33	16.319	
3,300.00	3,263.84	3,482.17	3,444.81	8.64	34.00	-108.81	570.92	345.47	655.88	614.40	41.48	15.813	
3,400.00	3,362.52	3,580.28	3,539.96	8.84	34.16	-110.03	547.82	351.66	636.61	594.90	41.71	15.262	
3,500.00	3,461.20	3,672.53	3,629.61	9.06	34.31	-111.21	526.92	357.59	618.47	576.44	42.03	14.715	
3,600.00	3,559.88	3,774.94	3,729.09	9.29	34.48	-112.67	503.34	363.63	600.43	558.21	42.22	14.222	
3,700.00	3,658.56	3,883.91	3,834.62	9.52	34.69	-114.43	476.79	369.29	581.66	539.35	42.30	13.749	
3,800.00	3,757.24	3,989.28	3,935.99	9.75	34.92	-116.34	448.56	374.73	560.98	518.55	42.43	13.221	
3,900.00	3,855.92	4,077.54	4,020.84	9.99	35.11	-118.18	424.49	378.12	540.86	498.02	42.85	12.623	
4,000.00	3,954.60	4,162.16	4,102.67	10.24	35.28	-120.06	403.11	380.82	523.54	480.21	43.33	12.083	
4,100.00	4,053.28	4,248.71	4,186.85	10.49	35.45	-121.98	383.21	383.70	509.02	465.24	43.78	11.626	
4,200.00	4,151.96	4,345.34	4,281.30	10.75	35.64	-123.87	363.63	389.27	496.73	452.63	44.10	11.264	
4,300.00	4,250.64	4,446.14	4,379.59	11.01	35.86	-125.89	342.30	395.91	483.84	439.47	44.37	10.905	
4,400.00	4,349.32	4,545.75	4,476.82	11.28	36.08	-127.94	321.75	402.75	471.92	427.25	44.67	10.565	
4,500.00	4,448.00	4,654.95	4,582.94	11.55	36.35	-130.40	297.23	410.57	458.89	414.07	44.82	10.239	
4,600.00	4,546.68	4,745.12	4,670.18	11.82	36.59	-132.81	275.06	415.85	445.56	400.24	45.31	9.833	
4,700.00	4,645.36	4,824.83	4,747.66	12.09	36.78	-135.26	256.48	417.62	436.34	390.37	45.97	9.492	
4,800.00	4,744.04	4,910.65	4,831.77	12.37	36.97	-137.91	239.46	417.82	432.22	385.71	46.51	9.292	
4,900.00	4,842.72	5,008.36	4,927.83	12.65	37.17	-140.73	221.64	419.04	429.92	382.98	46.94	9.159	
5,000.00	4,941.40	5,103.83	5,021.90	12.94	37.37	-143.31	205.45	421.18	428.92	381.52	47.40	9.049	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DDC Surveys (Grid to True)												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448, 1013-SRC Energy_ISCWSA REV 2 MWD, 7657-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,010.85	4,952.10	5,114.07	5,032.00	12.97	37.39	-143.58	203.77	421.42	428.91	381.46	47.45	9.039	
5,100.00	5,040.08	5,195.51	5,112.42	13.22	37.55	-145.68	191.03	423.21	429.73	381.83	47.90	8.972	
5,200.00	5,138.76	5,284.11	5,200.25	13.51	37.71	-147.74	179.53	424.90	433.38	384.98	48.40	8.954	
5,300.00	5,237.44	5,373.76	5,289.44	13.80	37.85	-149.53	170.64	426.32	439.81	390.95	48.87	9.000	
5,400.00	5,336.12	5,465.09	5,380.51	14.10	37.98	-151.07	164.00	427.55	448.50	399.20	49.30	9.097	
5,500.00	5,434.80	5,559.76	5,475.05	14.39	38.09	-152.46	158.93	428.33	459.05	409.33	49.72	9.232	
5,600.00	5,533.48	5,666.36	5,581.49	14.69	38.23	-153.86	153.51	430.12	469.34	419.20	50.14	9.361	
5,700.00	5,632.16	5,769.92	5,684.83	14.98	38.37	-155.10	147.68	433.62	478.12	427.57	50.55	9.459	
5,800.00	5,730.84	5,863.15	5,777.90	15.28	38.49	-156.06	143.49	437.13	487.37	436.41	50.97	9.562	
5,900.00	5,829.52	5,953.08	5,867.73	15.59	38.60	-156.97	140.01	439.00	498.53	447.15	51.38	9.702	
6,000.00	5,928.20	6,044.96	5,959.59	15.89	38.70	-157.80	137.75	439.89	511.46	459.68	51.78	9.877	
6,100.00	6,026.87	6,139.76	6,054.38	16.19	38.79	-158.49	136.94	440.52	525.54	473.37	52.17	10.074	
6,200.00	6,125.55	6,236.43	6,151.04	16.50	38.88	-159.08	136.95	441.02	540.21	487.65	52.56	10.279	
6,300.00	6,224.23	6,335.75	6,250.36	16.80	38.96	-159.62	137.31	441.45	555.18	502.23	52.95	10.486	
6,400.00	6,322.91	6,436.88	6,351.49	17.11	39.05	-160.12	137.73	442.39	569.77	516.43	53.34	10.682	
6,500.00	6,421.59	6,532.25	6,446.85	17.42	39.14	-160.57	138.07	443.29	584.37	530.65	53.72	10.878	
6,600.00	6,520.27	6,613.94	6,528.52	17.73	39.22	-161.12	137.22	442.19	600.51	546.44	54.07	11.106	
6,700.00	6,619.08	6,688.82	6,603.09	18.02	39.30	-165.98	133.58	436.58	619.71	565.34	54.37	11.398	
6,800.00	6,718.91	6,761.00	6,674.54	18.18	39.39	48.20	128.03	428.07	631.16	576.67	54.49	11.583	
6,900.00	6,817.97	6,835.68	6,747.60	18.28	39.49	29.63	119.96	414.99	632.52	578.00	54.51	11.603	
7,000.00	6,913.82	6,899.43	6,808.66	18.32	39.58	26.77	110.98	399.12	625.10	570.87	54.24	11.525	
7,100.00	7,004.10	6,967.36	6,872.04	18.32	39.69	25.80	99.76	377.45	609.11	555.23	53.89	11.304	
7,200.00	7,086.58	7,043.00	6,939.83	18.29	39.85	25.35	81.78	349.22	582.37	528.73	53.64	10.857	
7,300.00	7,159.23	7,108.04	6,995.81	18.27	40.00	25.60	64.04	321.28	546.49	493.40	53.09	10.293	
7,400.00	7,220.27	7,167.43	7,046.12	18.29	40.14	26.95	49.42	293.32	502.26	449.92	52.34	9.596	
7,500.00	7,268.20	7,213.58	7,083.09	18.37	40.25	29.10	37.54	268.42	451.87	400.79	51.08	8.847	
7,600.00	7,301.82	7,258.18	7,116.04	18.53	40.36	32.12	25.97	240.72	397.35	347.66	49.69	7.996	
7,700.00	7,320.33	7,303.34	7,146.35	18.79	40.48	36.37	14.56	209.27	339.56	291.10	48.46	7.007	
7,800.00	7,323.82	7,351.36	7,174.44	19.15	40.62	41.15	2.65	172.22	280.17	232.44	47.72	5.871	
7,900.00	7,323.12	7,404.96	7,200.58	19.64	40.79	43.49	-9.96	127.22	227.52	179.97	47.55	4.785	
8,000.00	7,322.42	7,464.00	7,223.01	20.26	41.00	46.19	-20.53	73.69	187.57	139.54	48.03	3.905	
8,100.00	7,321.72	7,527.49	7,239.42	21.00	41.22	49.49	-25.03	12.63	164.77	115.10	49.67	3.317	
8,160.30	7,321.29	7,567.32	7,245.80	21.51	41.37	51.79	-23.23	-26.63	160.84	109.55	51.29	3.136 CC	
8,200.00	7,321.02	7,597.03	7,248.86	21.85	42.13	53.53	-19.66	-55.95	162.23	109.68	52.56	3.087	
8,300.00	7,320.32	7,679.23	7,251.45	22.79	44.07	57.37	-5.18	-136.78	175.15	120.01	55.14	3.177	
8,400.00	7,319.62	7,777.74	7,252.14	23.81	44.28	61.03	14.30	-233.35	192.28	134.53	57.75	3.329	
8,500.00	7,318.92	7,875.24	7,253.38	24.91	44.56	64.22	33.75	-328.88	209.96	149.52	60.44	3.474	
8,600.00	7,318.22	7,972.29	7,254.91	26.06	44.95	67.02	53.60	-423.86	228.53	165.28	63.26	3.613	
8,700.00	7,317.52	8,070.58	7,256.91	27.27	45.53	69.55	73.90	-520.01	247.60	181.32	66.28	3.736	
8,800.00	7,316.82	8,174.00	7,258.09	28.53	46.42	71.53	94.00	-621.45	266.20	196.57	69.63	3.823	
8,900.00	7,316.12	8,286.38	7,258.22	29.83	47.80	72.88	111.10	-732.51	281.30	207.84	73.46	3.829	
9,000.00	7,315.42	8,397.21	7,256.94	31.17	49.58	73.47	121.96	-842.79	291.62	214.35	77.27	3.774	
9,100.00	7,314.72	8,522.40	7,251.89	32.53	52.03	72.92	124.89	-967.77	295.59	214.13	81.46	3.629	
9,200.00	7,314.02	8,633.10	7,247.15	33.93	54.47	71.99	120.67	-1,078.28	293.86	208.82	85.04	3.456	
9,300.00	7,313.32	8,744.44	7,244.41	35.35	57.09	71.17	112.47	-1,189.27	288.22	199.51	88.71	3.249	
9,400.00	7,312.62	8,846.57	7,244.70	36.79	59.62	70.78	102.79	-1,290.95	279.73	187.36	92.37	3.028	
9,500.00	7,311.92	8,948.34	7,244.82	38.24	62.24	70.33	93.02	-1,392.24	271.22	175.16	96.07	2.823	
9,600.00	7,311.22	9,042.81	7,245.91	39.72	64.74	70.09	84.17	-1,486.29	262.60	162.84	99.76	2.632	
9,700.00	7,310.52	9,137.94	7,246.26	41.21	67.33	69.86	77.53	-1,581.18	256.47	152.95	103.52	2.478	
9,800.00	7,309.82	9,243.11	7,248.91	42.72	70.25	70.15	71.08	-1,686.11	250.43	142.53	107.90	2.321	
9,900.00	7,309.12	9,336.69	7,252.60	44.23	72.91	70.71	65.18	-1,779.43	243.77	131.60	112.17	2.173	
10,000.00	7,308.42	9,433.30	7,254.57	45.76	75.70	71.04	61.05	-1,875.93	239.63	123.17	116.46	2.058	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DDC Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448, 1013-SRC Energy_ISCWSA REV 2 MWD, 7657-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning		
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
10,100.00	7,307.72	9,525.38	7,254.39	47.30	78.40	71.00	58.31	-1,967.96	237.48	117.10	120.37	1.973		
10,200.00	7,307.02	9,626.08	7,252.87	48.85	81.39	70.78	57.06	-2,068.65	237.38	112.77	124.61	1.905		
10,263.46	7,306.58	9,688.11	7,252.61	49.83	83.25	70.80	56.31	-2,130.67	237.11	109.78	127.33	1.862		
10,300.00	7,306.32	9,723.45	7,252.44	50.40	84.32	70.83	56.12	-2,166.01	237.20	108.32	128.88	1.840		
10,400.00	7,305.62	9,821.91	7,251.40	51.96	87.31	70.81	56.05	-2,264.46	238.05	104.86	133.19	1.787		
10,500.00	7,304.92	9,915.75	7,249.62	53.53	90.19	70.71	57.22	-2,358.28	240.43	103.25	137.18	1.753		
10,600.00	7,304.22	10,016.58	7,249.44	55.11	93.30	71.14	60.38	-2,459.05	244.03	102.03	142.00	1.719		
10,700.00	7,303.52	10,115.12	7,251.15	56.69	96.37	72.01	64.12	-2,557.50	247.68	100.68	147.00	1.685		
10,800.00	7,302.82	10,212.80	7,251.42	58.28	99.43	72.55	68.11	-2,655.09	252.09	100.33	151.76	1.661		
10,900.00	7,302.12	10,309.10	7,251.65	59.87	102.47	73.14	73.23	-2,751.26	257.72	101.26	156.46	1.647		
11,000.00	7,301.42	10,407.94	7,252.91	61.46	105.60	73.99	79.47	-2,849.90	264.04	102.48	161.56	1.634		
11,100.00	7,300.72	10,503.57	7,252.82	63.06	108.65	74.56	86.37	-2,945.27	271.63	105.41	166.22	1.634		
11,200.00	7,300.02	10,613.55	7,252.44	64.67	112.17	75.10	93.83	-3,054.99	279.01	106.94	172.07	1.621		
11,300.00	7,299.32	10,742.53	7,260.18	66.27	116.31	76.86	93.44	-3,183.67	277.79	98.68	179.11	1.551		
11,400.00	7,298.62	10,845.85	7,266.63	67.88	119.63	78.06	86.57	-3,286.55	270.59	86.03	184.56	1.466 Level 3		
11,500.00	7,297.93	10,938.55	7,267.27	69.50	122.62	78.09	80.48	-3,379.04	264.73	75.50	189.23	1.399 Level 3		
11,600.00	7,297.23	11,036.36	7,264.49	71.11	125.80	77.46	75.58	-3,476.68	261.11	67.54	193.57	1.349 Level 3		
11,700.00	7,296.53	11,134.23	7,259.86	72.73	128.98	76.40	70.65	-3,574.32	257.94	60.34	197.59	1.305 Level 3		
11,785.18	7,295.93	11,212.69	7,255.23	74.11	131.54	75.40	67.72	-3,652.58	256.65	56.00	200.66	1.279 Level 3		
11,800.00	7,295.83	11,226.14	7,254.44	74.35	131.98	75.24	67.46	-3,666.01	256.69	55.52	201.17	1.276 Level 3		
11,900.00	7,295.13	11,326.49	7,250.19	75.97	135.27	74.47	66.55	-3,766.25	257.57	52.21	205.36	1.254 Level 3		
12,000.00	7,294.43	11,425.51	7,249.71	77.60	138.53	74.55	66.30	-3,865.26	258.09	47.95	210.14	1.228 Level 2		
12,100.00	7,293.73	11,524.27	7,250.44	79.23	141.79	74.94	66.92	-3,964.02	259.15	43.97	215.18	1.204 Level 2		
12,200.00	7,293.03	11,623.68	7,250.66	80.86	145.08	75.24	67.77	-4,063.43	260.56	40.37	220.19	1.183 Level 2		
12,300.00	7,292.33	11,726.61	7,251.99	82.49	148.48	75.76	68.44	-4,166.34	261.52	35.92	225.60	1.159 Level 2		
12,400.00	7,291.63	11,826.06	7,254.49	84.12	151.78	76.50	68.88	-4,265.76	262.02	31.01	231.01	1.134 Level 2		
12,500.00	7,290.93	11,924.97	7,255.82	85.76	168.67	77.01	69.52	-4,364.66	263.00	13.42	249.58	1.054 Level 2, ES, SF		
12,600.00	7,290.23	11,923.00	7,255.79	87.39	168.20	77.00	69.50	-4,362.69	283.07	50.22	232.85	1.216 Level 2		
12,700.00	7,289.53	11,923.00	7,255.79	89.03	168.20	77.00	69.50	-4,362.69	333.29	132.19	201.10	1.657		
12,800.00	7,288.83	11,923.00	7,255.79	90.67	168.20	77.00	69.50	-4,362.69	402.54	231.59	170.95	2.355		
12,900.00	7,288.13	11,923.00	7,255.79	92.31	168.20	77.00	69.50	-4,362.69	482.69	335.11	147.58	3.271		
13,000.00	7,287.43	11,923.00	7,255.79	93.95	168.20	77.00	69.50	-4,362.69	569.16	438.74	130.42	4.364		
13,100.00	7,286.73	11,923.00	7,255.79	95.59	168.20	77.00	69.50	-4,362.69	659.47	541.59	117.87	5.595		
13,200.00	7,286.03	11,923.00	7,255.79	97.24	168.20	77.00	69.50	-4,362.69	752.23	643.63	108.60	6.927		
13,300.00	7,285.33	11,923.00	7,255.79	98.88	168.20	77.00	69.50	-4,362.69	846.64	745.02	101.62	8.331		
13,400.00	7,284.63	11,923.00	7,255.79	100.53	168.20	77.00	69.50	-4,362.69	942.21	845.92	96.29	9.785		
13,500.00	7,283.93	11,923.00	7,255.79	102.17	168.20	77.00	69.50	-4,362.69	1,038.61	946.47	92.15	11.271		
13,600.00	7,283.23	11,923.00	7,255.79	103.82	168.20	77.00	69.50	-4,362.69	1,135.64	1,046.75	88.88	12.777		
13,700.00	7,282.53	11,923.00	7,255.79	105.47	168.20	77.00	69.50	-4,362.69	1,233.14	1,146.86	86.28	14.293		
13,800.00	7,281.83	11,923.00	7,255.79	107.12	168.20	77.00	69.50	-4,362.69	1,331.01	1,246.83	84.17	15.813		
13,900.00	7,281.13	11,923.00	7,255.79	108.77	168.20	77.00	69.50	-4,362.69	1,429.17	1,346.72	82.46	17.333		
14,000.00	7,280.43	11,923.00	7,255.79	110.42	168.20	77.00	69.50	-4,362.69	1,527.57	1,446.53	81.04	18.849		
14,100.00	7,279.73	11,923.00	7,255.79	112.07	168.20	77.00	69.50	-4,362.69	1,626.17	1,546.30	79.88	20.359		
14,200.00	7,279.03	11,923.00	7,255.79	113.72	168.20	77.00	69.50	-4,362.69	1,724.93	1,646.03	78.90	21.862		
14,300.00	7,278.33	11,923.00	7,255.79	115.37	168.20	77.00	69.50	-4,362.69	1,823.83	1,745.74	78.08	23.357		
14,400.00	7,277.63	11,923.00	7,255.79	117.03	168.20	77.00	69.50	-4,362.69	1,922.84	1,845.44	77.40	24.844		
14,500.00	7,276.93	11,923.00	7,255.79	118.68	168.20	77.00	69.50	-4,362.69	2,021.94	1,945.13	76.82	26.322		
14,600.00	7,276.23	11,923.00	7,255.79	120.33	168.20	77.00	69.50	-4,362.69	2,121.13	2,044.81	76.32	27.791		
14,700.00	7,275.53	11,923.00	7,255.79	121.99	168.20	77.00	69.50	-4,362.69	2,220.40	2,144.49	75.91	29.251		
14,800.00	7,274.83	11,923.00	7,255.79	123.64	168.20	77.00	69.50	-4,362.69	2,319.72	2,244.17	75.56	30.702		
14,900.00	7,274.13	11,923.00	7,255.79	125.30	168.20	77.00	69.50	-4,362.69	2,419.11	2,343.85	75.26	32.145		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - HKS 6-22 - Noble 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_UNKNOWN													Offset Well Error: 3.28 usft	
Reference		Offset		Semi Major Axis			Distance							Warning
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		
10,000.00	7,308.42	7,548.92	7,413.84	45.76	22.21	100.72	384.19	-4,212.81	2,412.20	2,369.51	42.69	56.503		
10,100.00	7,307.72	7,545.03	7,409.95	47.30	22.08	100.34	384.30	-4,212.94	2,315.25	2,272.20	43.05	53.776		
10,200.00	7,307.02	7,541.13	7,406.06	48.85	21.95	99.96	384.41	-4,213.06	2,218.57	2,175.09	43.48	51.026		
10,300.00	7,306.32	7,537.24	7,402.17	50.40	21.82	99.57	384.52	-4,213.19	2,122.18	2,078.21	43.98	48.256		
10,400.00	7,305.62	7,533.34	7,398.27	51.96	21.70	99.19	384.63	-4,213.32	2,026.14	1,981.58	44.56	45.472		
10,500.00	7,304.92	7,529.45	7,394.38	53.53	21.57	98.81	384.74	-4,213.44	1,930.50	1,885.26	45.24	42.676		
10,600.00	7,304.22	7,525.55	7,390.49	55.11	21.44	98.42	384.85	-4,213.57	1,835.31	1,789.28	46.02	39.876		
10,700.00	7,303.52	7,521.65	7,386.60	56.69	21.31	98.04	384.97	-4,213.69	1,740.65	1,693.70	46.94	37.079		
10,800.00	7,302.82	7,517.76	7,382.71	58.28	21.19	97.65	385.08	-4,213.82	1,646.61	1,598.60	48.01	34.294		
10,900.00	7,302.12	7,513.86	7,378.81	59.87	21.06	97.27	385.19	-4,213.94	1,553.31	1,504.05	49.26	31.532		
11,000.00	7,301.42	7,509.97	7,374.92	61.46	20.93	96.88	385.30	-4,214.07	1,460.88	1,410.16	50.72	28.804		
11,100.00	7,300.72	7,506.07	7,371.03	63.06	20.81	96.50	385.41	-4,214.19	1,369.51	1,317.09	52.42	26.126		
11,200.00	7,300.02	7,502.18	7,367.14	64.67	20.68	96.11	385.52	-4,214.32	1,279.42	1,225.01	54.41	23.515		
11,300.00	7,299.32	7,501.72	7,363.25	66.27	20.66	95.72	385.64	-4,214.45	1,190.90	1,134.04	56.85	20.947		
11,400.00	7,298.62	7,505.62	7,359.35	67.88	20.79	95.33	385.75	-4,214.57	1,104.32	1,044.48	59.84	18.454		
11,500.00	7,297.93	7,509.51	7,355.46	69.50	20.92	94.95	385.86	-4,214.70	1,020.19	956.89	63.30	16.117		
11,600.00	7,297.23	7,486.59	7,351.57	71.11	20.27	94.56	385.97	-4,214.82	939.16	872.65	66.51	14.120		
11,700.00	7,296.53	7,482.70	7,347.68	72.73	20.17	94.17	386.08	-4,214.95	862.10	791.23	70.87	12.164		
11,800.00	7,295.83	7,478.80	7,343.79	74.35	20.08	93.78	386.19	-4,215.07	790.18	714.32	75.86	10.417		
11,900.00	7,295.13	7,474.91	7,339.89	75.97	19.98	93.39	386.30	-4,215.20	724.93	643.51	81.42	8.904		
12,000.00	7,294.43	7,471.01	7,336.00	77.60	19.88	93.00	386.42	-4,215.32	668.30	580.95	87.35	7.651		
12,100.00	7,293.73	7,467.12	7,332.11	79.23	19.78	92.61	386.53	-4,215.45	622.66	529.42	93.24	6.678		
12,200.00	7,293.03	7,463.22	7,328.22	80.86	19.68	92.22	386.64	-4,215.57	590.56	492.16	98.39	6.002		
12,300.00	7,292.33	7,459.32	7,324.32	82.49	19.59	91.83	386.75	-4,215.70	574.26	472.27	101.99	5.631		
12,345.06	7,292.01	7,457.57	7,322.57	83.22	19.54	91.66	386.80	-4,215.76	572.49	469.58	102.91	5.563 CC, ES		
12,400.00	7,291.63	7,455.43	7,320.43	84.12	19.49	91.44	386.86	-4,215.83	575.12	471.73	103.39	5.563 SF		
12,500.00	7,290.93	7,451.53	7,316.54	85.76	19.39	91.05	386.97	-4,215.95	593.06	490.59	102.47	5.788		
12,600.00	7,290.23	7,447.64	7,312.65	87.39	19.29	90.66	387.09	-4,216.08	626.61	526.95	99.67	6.287		
12,700.00	7,289.53	7,443.74	7,308.76	89.03	19.20	90.27	387.20	-4,216.20	673.45	577.74	95.72	7.036		
12,800.00	7,288.83	7,439.85	7,304.86	90.67	19.10	89.89	387.31	-4,216.33	731.03	639.75	91.28	8.008		
12,900.00	7,288.13	7,435.95	7,300.97	92.31	19.00	89.50	387.42	-4,216.45	797.02	710.18	86.84	9.178		
13,000.00	7,287.43	7,432.05	7,297.08	93.95	18.90	89.11	387.53	-4,216.58	869.51	786.85	82.66	10.519		
13,100.00	7,286.73	7,428.16	7,293.19	95.59	18.81	88.72	387.64	-4,216.70	947.01	868.15	78.86	12.009		
13,200.00	7,286.03	7,424.26	7,289.30	97.24	18.71	88.33	387.75	-4,216.83	1,028.38	952.93	75.45	13.629		
13,300.00	7,285.33	7,420.37	7,285.40	98.88	18.61	87.94	387.87	-4,216.95	1,112.78	1,040.34	72.44	15.361		
13,400.00	7,284.63	7,416.47	7,281.51	100.53	18.51	87.55	387.98	-4,217.08	1,199.57	1,129.78	69.78	17.190		
13,500.00	7,283.93	7,412.58	7,277.62	102.17	18.42	87.17	388.09	-4,217.21	1,288.26	1,220.82	67.44	19.101		
13,600.00	7,283.23	7,408.68	7,273.73	103.82	18.32	86.78	388.20	-4,217.33	1,378.49	1,313.11	65.38	21.085		
13,700.00	7,282.53	7,404.78	7,269.84	105.47	18.22	86.39	388.31	-4,217.46	1,469.98	1,406.43	63.55	23.131		
13,800.00	7,281.83	7,400.89	7,265.94	107.12	18.13	86.01	388.42	-4,217.58	1,562.50	1,500.57	61.93	25.230		
13,900.00	7,281.13	7,403.01	7,262.05	108.77	18.18	85.62	388.54	-4,217.71	1,655.88	1,595.24	60.64	27.308		
14,000.00	7,280.43	7,406.90	7,258.16	110.42	18.28	85.24	388.65	-4,217.83	1,749.98	1,690.44	59.54	29.390		
14,100.00	7,279.73	7,389.20	7,254.27	112.07	17.95	84.85	388.76	-4,217.96	1,844.69	1,786.53	58.16	31.716		
14,200.00	7,279.03	7,385.31	7,250.38	113.72	17.90	84.47	388.87	-4,218.08	1,939.93	1,882.76	57.17	33.934		
14,300.00	7,278.33	7,381.41	7,246.48	115.37	17.84	84.09	388.98	-4,218.21	2,035.62	1,979.35	56.27	36.173		
14,400.00	7,277.63	7,377.51	7,242.59	117.03	17.79	83.70	389.09	-4,218.34	2,131.70	2,076.23	55.47	38.429		
14,500.00	7,276.93	7,373.62	7,238.70	118.68	17.74	83.32	389.20	-4,218.46	2,228.11	2,173.37	54.74	40.700		
14,600.00	7,276.23	7,369.72	7,234.81	120.33	17.68	82.94	389.32	-4,218.59	2,324.82	2,270.73	54.09	42.982		
14,700.00	7,275.53	7,365.83	7,230.92	121.99	17.63	82.56	389.43	-4,218.71	2,421.79	2,368.30	53.49	45.272		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
9,900.00	7,309.12	7,330.12	7,330.12	44.23	257.97	-91.09	-1,027.74	-4,062.24	2,453.30	2,172.95	280.35	8.751	
10,000.00	7,308.42	7,329.42	7,329.42	45.76	257.95	-91.05	-1,027.74	-4,062.24	2,359.65	2,078.56	281.09	8.395	
10,100.00	7,307.72	7,328.72	7,328.72	47.30	257.92	-91.00	-1,027.74	-4,062.24	2,266.54	1,984.62	281.92	8.040	
10,200.00	7,307.02	7,328.02	7,328.02	48.85	257.90	-90.95	-1,027.74	-4,062.24	2,174.05	1,891.19	282.86	7.686	
10,300.00	7,306.32	7,327.32	7,327.32	50.40	257.87	-90.90	-1,027.74	-4,062.24	2,082.25	1,798.33	283.92	7.334	
10,400.00	7,305.62	7,326.62	7,326.62	51.96	257.85	-90.86	-1,027.74	-4,062.24	1,991.23	1,706.12	285.11	6.984	
10,500.00	7,304.92	7,325.92	7,325.92	53.53	257.82	-90.81	-1,027.74	-4,062.24	1,901.12	1,614.68	286.45	6.637	
10,600.00	7,304.22	7,325.22	7,325.22	55.11	257.80	-90.76	-1,027.74	-4,062.24	1,812.05	1,524.10	287.95	6.293	
10,700.00	7,303.52	7,324.52	7,324.52	56.69	257.77	-90.71	-1,027.74	-4,062.24	1,724.18	1,434.54	289.64	5.953	
10,800.00	7,302.82	7,323.82	7,323.82	58.28	257.75	-90.67	-1,027.74	-4,062.24	1,637.70	1,346.16	291.54	5.617	
10,900.00	7,302.12	7,323.12	7,323.12	59.87	257.73	-90.62	-1,027.74	-4,062.24	1,552.84	1,259.17	293.67	5.288	
11,000.00	7,301.42	7,322.42	7,322.42	61.46	257.70	-90.57	-1,027.74	-4,062.24	1,469.89	1,173.84	296.05	4.965	
11,100.00	7,300.72	7,321.72	7,321.72	63.06	257.68	-90.52	-1,027.74	-4,062.24	1,389.18	1,090.48	298.71	4.651	
11,200.00	7,300.02	7,321.02	7,321.02	64.67	257.65	-90.48	-1,027.74	-4,062.24	1,311.14	1,009.47	301.67	4.346	
11,300.00	7,299.32	7,320.32	7,320.32	66.27	257.63	-90.43	-1,027.74	-4,062.24	1,236.26	931.32	304.94	4.054	
11,400.00	7,298.62	7,319.62	7,319.62	67.88	257.60	-90.38	-1,027.74	-4,062.24	1,165.16	856.61	308.55	3.776	
11,500.00	7,297.93	7,318.93	7,318.93	69.50	257.58	-90.33	-1,027.74	-4,062.24	1,098.57	786.11	312.46	3.516	
11,600.00	7,297.23	7,318.23	7,318.23	71.11	257.55	-90.29	-1,027.74	-4,062.24	1,037.35	720.71	316.64	3.276	
11,700.00	7,296.53	7,317.53	7,317.53	72.73	257.53	-90.24	-1,027.74	-4,062.24	982.52	661.52	321.00	3.061	
11,800.00	7,295.83	7,316.83	7,316.83	74.35	257.50	-90.19	-1,027.74	-4,062.24	935.20	609.79	325.41	2.874	
11,900.00	7,295.13	7,316.13	7,316.13	75.97	257.48	-90.14	-1,027.74	-4,062.24	896.58	566.93	329.65	2.720	
12,000.00	7,294.43	7,315.43	7,315.43	77.60	257.45	-90.10	-1,027.74	-4,062.24	867.81	534.34	333.48	2.602	
12,100.00	7,293.73	7,314.73	7,314.73	79.23	257.43	-90.05	-1,027.74	-4,062.24	849.91	513.29	336.62	2.525	
12,200.00	7,293.03	7,314.03	7,314.03	80.86	257.40	-90.00	-1,027.74	-4,062.24	843.56	504.72	338.84	2.490	
12,203.77	7,293.00	7,314.00	7,314.00	80.92	257.40	-90.00	-1,027.74	-4,062.24	843.55	504.65	338.90	2.489	CC, ES, SF
12,300.00	7,292.33	7,313.33	7,313.33	82.49	257.38	-89.95	-1,027.74	-4,062.24	849.02	509.02	340.00	2.497	
12,400.00	7,291.63	7,312.63	7,312.63	84.12	257.35	-89.91	-1,027.74	-4,062.24	866.07	525.99	340.09	2.547	
12,500.00	7,290.93	7,311.93	7,311.93	85.76	257.33	-89.86	-1,027.74	-4,062.24	894.05	554.83	339.22	2.636	
12,600.00	7,290.23	7,311.23	7,311.23	87.39	257.30	-89.81	-1,027.74	-4,062.24	931.97	594.38	337.59	2.761	
12,700.00	7,289.53	7,310.53	7,310.53	89.03	257.28	-89.76	-1,027.74	-4,062.24	978.68	643.24	335.44	2.918	
12,800.00	7,288.83	7,309.83	7,309.83	90.67	257.25	-89.72	-1,027.74	-4,062.24	1,032.98	700.02	332.96	3.102	
12,900.00	7,288.13	7,309.13	7,309.13	92.31	257.23	-89.67	-1,027.74	-4,062.24	1,093.75	763.41	330.34	3.311	
13,000.00	7,287.43	7,308.43	7,308.43	93.95	257.20	-89.62	-1,027.74	-4,062.24	1,159.97	832.27	327.69	3.540	
13,100.00	7,286.73	7,307.73	7,307.73	95.59	257.18	-89.57	-1,027.74	-4,062.24	1,230.76	905.64	325.12	3.786	
13,200.00	7,286.03	7,307.03	7,307.03	97.24	257.15	-89.53	-1,027.74	-4,062.24	1,305.37	982.72	322.65	4.046	
13,300.00	7,285.33	7,306.33	7,306.33	98.88	257.13	-89.48	-1,027.74	-4,062.24	1,383.20	1,062.86	320.34	4.318	
13,400.00	7,284.63	7,305.63	7,305.63	100.53	257.11	-89.43	-1,027.74	-4,062.24	1,463.72	1,145.54	318.18	4.600	
13,500.00	7,283.93	7,304.93	7,304.93	102.17	257.08	-89.38	-1,027.74	-4,062.24	1,546.51	1,230.33	316.18	4.891	
13,600.00	7,283.23	7,304.23	7,304.23	103.82	257.06	-89.34	-1,027.74	-4,062.24	1,631.24	1,316.90	314.34	5.189	
13,700.00	7,282.53	7,303.53	7,303.53	105.47	257.03	-89.29	-1,027.74	-4,062.24	1,717.61	1,404.96	312.65	5.494	
13,800.00	7,281.83	7,302.83	7,302.83	107.12	257.01	-89.24	-1,027.74	-4,062.24	1,805.38	1,494.29	311.09	5.803	
13,900.00	7,281.13	7,302.13	7,302.13	108.77	256.98	-89.19	-1,027.74	-4,062.24	1,894.37	1,584.71	309.66	6.118	
14,000.00	7,280.43	7,301.43	7,301.43	110.42	256.96	-89.15	-1,027.74	-4,062.24	1,984.40	1,676.06	308.34	6.436	
14,100.00	7,279.73	7,300.73	7,300.73	112.07	256.93	-89.10	-1,027.74	-4,062.24	2,075.35	1,768.21	307.14	6.757	
14,200.00	7,279.03	7,300.03	7,300.03	113.72	256.91	-89.05	-1,027.74	-4,062.24	2,167.10	1,861.07	306.03	7.081	
14,300.00	7,278.33	7,300.67	7,299.33	115.37	256.93	-89.00	-1,027.74	-4,062.24	2,259.54	1,954.49	305.05	7.407	
14,400.00	7,277.63	7,301.37	7,298.63	117.03	256.95	-88.96	-1,027.74	-4,062.24	2,352.61	2,048.45	304.16	7.735	
14,500.00	7,276.93	7,302.07	7,297.93	118.68	256.98	-88.91	-1,027.74	-4,062.24	2,446.22	2,142.88	303.33	8.064	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to True)													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 7200-SRC Energy_UNKNOWNN													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,400.00	7,312.62	7,435.65	7,431.10	36.79	21.26	-106.32	-595.88	-3,694.51	2,469.62	2,430.01	39.61	62.351		
9,500.00	7,311.92	7,429.65	7,425.12	38.24	21.05	-105.57	-595.52	-3,694.83	2,371.22	2,331.62	39.60	59.881		
9,600.00	7,311.22	7,423.65	7,419.15	39.72	20.84	-104.82	-595.16	-3,695.15	2,272.94	2,233.33	39.62	57.374		
9,700.00	7,310.52	7,417.66	7,413.17	41.21	20.64	-104.05	-594.81	-3,695.47	2,174.81	2,135.14	39.67	54.827		
9,800.00	7,309.82	7,411.66	7,407.19	42.72	20.43	-103.28	-594.45	-3,695.79	2,076.83	2,037.08	39.76	52.239		
9,900.00	7,309.12	7,405.66	7,401.21	44.23	20.23	-102.51	-594.10	-3,696.11	1,979.05	1,939.15	39.89	49.612		
10,000.00	7,308.42	7,400.34	7,395.23	45.76	20.04	-101.72	-593.74	-3,696.43	1,881.47	1,841.37	40.10	46.915		
10,100.00	7,307.72	7,406.34	7,389.25	47.30	20.25	-100.93	-593.39	-3,696.75	1,784.14	1,743.37	40.77	43.762		
10,200.00	7,307.02	7,387.67	7,383.27	48.85	19.70	-100.14	-593.03	-3,697.07	1,687.10	1,646.34	40.76	41.387		
10,300.00	7,306.32	7,381.67	7,377.29	50.40	19.54	-99.34	-592.68	-3,697.39	1,590.41	1,549.17	41.24	38.564		
10,400.00	7,305.62	7,375.67	7,371.32	51.96	19.38	-98.54	-592.32	-3,697.72	1,494.13	1,452.30	41.83	35.715		
10,500.00	7,304.92	7,369.67	7,365.34	53.53	19.22	-97.73	-591.97	-3,698.04	1,398.35	1,355.77	42.57	32.845		
10,600.00	7,304.22	7,363.67	7,359.36	55.11	19.06	-96.91	-591.61	-3,698.36	1,303.17	1,259.68	43.49	29.964		
10,700.00	7,303.52	7,357.68	7,353.38	56.69	18.90	-96.10	-591.25	-3,698.68	1,208.74	1,164.11	44.63	27.082		
10,800.00	7,302.82	7,351.68	7,347.40	58.28	18.73	-95.27	-590.90	-3,699.00	1,115.25	1,069.20	46.05	24.217		
10,900.00	7,302.12	7,345.68	7,341.42	59.87	18.57	-94.45	-590.54	-3,699.32	1,022.96	975.13	47.82	21.390		
11,000.00	7,301.42	7,339.68	7,335.44	61.46	18.41	-93.62	-590.19	-3,699.64	932.22	882.18	50.04	18.629		
11,100.00	7,300.72	7,333.68	7,329.46	63.06	18.25	-92.79	-589.83	-3,699.96	843.53	790.71	52.82	15.970		
11,200.00	7,300.02	7,327.69	7,323.48	64.67	18.09	-91.95	-589.48	-3,700.28	757.62	701.31	56.31	13.456		
11,300.00	7,299.32	7,321.69	7,317.51	66.27	17.93	-91.12	-589.12	-3,700.60	675.54	614.88	60.67	11.136		
11,400.00	7,298.62	7,315.69	7,311.53	67.88	17.77	-90.28	-588.77	-3,700.93	598.88	532.83	66.05	9.067		
11,500.00	7,297.93	7,309.69	7,305.55	69.50	17.50	-89.44	-588.41	-3,701.25	529.99	457.60	72.38	7.322		
11,600.00	7,297.23	7,303.70	7,299.57	71.11	17.41	-88.60	-588.06	-3,701.57	472.27	392.62	79.65	5.929		
11,700.00	7,296.53	7,297.70	7,293.59	72.73	17.32	-87.75	-587.70	-3,701.89	430.26	343.60	86.65	4.965		
11,800.00	7,295.83	7,308.30	7,287.61	74.35	17.57	-86.91	-587.34	-3,702.21	408.82	316.88	91.94	4.447		
11,840.27	7,295.54	7,289.28	7,285.20	75.01	17.19	-86.57	-587.20	-3,702.34	406.84	314.26	92.58	4.395 CC, ES, SF		
11,900.00	7,295.13	7,285.70	7,281.63	75.97	17.14	-86.07	-586.99	-3,702.53	411.18	318.40	92.79	4.431		
12,000.00	7,294.43	7,279.70	7,275.65	77.60	17.05	-85.22	-586.63	-3,702.85	436.97	346.82	90.14	4.847		
12,100.00	7,293.73	7,273.71	7,269.68	79.23	16.96	-84.38	-586.28	-3,703.17	482.43	397.27	85.15	5.665		
12,200.00	7,293.03	7,267.71	7,263.70	80.86	16.87	-83.54	-585.92	-3,703.49	542.64	463.16	79.48	6.827		
12,300.00	7,292.33	7,261.71	7,257.72	82.49	16.77	-82.70	-585.57	-3,703.81	613.28	539.17	74.11	8.275		
12,400.00	7,291.63	7,255.71	7,251.74	84.12	16.68	-81.86	-585.21	-3,704.14	691.15	621.73	69.42	9.956		
12,500.00	7,290.93	7,249.71	7,245.76	85.76	16.59	-81.02	-584.86	-3,704.46	774.08	708.62	65.46	11.826		
12,600.00	7,290.23	7,243.72	7,239.78	87.39	16.50	-80.19	-584.50	-3,704.78	860.60	798.45	62.15	13.847		
12,700.00	7,289.53	7,237.72	7,233.80	89.03	16.41	-79.36	-584.15	-3,705.10	949.73	890.33	59.40	15.989		
12,800.00	7,288.83	7,231.72	7,227.82	90.67	16.32	-78.53	-583.79	-3,705.42	1,040.81	983.71	57.10	18.228		
12,900.00	7,288.13	7,225.72	7,221.85	92.31	16.23	-77.71	-583.43	-3,705.74	1,133.36	1,078.19	55.17	20.544		
13,000.00	7,287.43	7,219.72	7,215.87	93.95	16.14	-76.88	-583.08	-3,706.06	1,227.05	1,173.52	53.53	22.923		
13,100.00	7,286.73	7,213.73	7,209.89	95.59	16.05	-76.07	-582.72	-3,706.38	1,321.64	1,269.50	52.13	25.350		
13,200.00	7,286.03	7,207.73	7,203.91	97.24	15.96	-75.25	-582.37	-3,706.70	1,416.95	1,366.01	50.94	27.817		
13,300.00	7,285.33	7,201.73	7,197.93	98.88	15.87	-74.45	-582.01	-3,707.02	1,512.83	1,462.93	49.90	30.315		
13,400.00	7,284.63	7,195.73	7,191.95	100.53	15.83	-73.64	-581.66	-3,707.34	1,609.20	1,560.14	49.06	32.803		
13,500.00	7,283.93	7,189.73	7,185.97	102.17	15.81	-72.84	-581.30	-3,707.67	1,705.96	1,657.62	48.34	35.288		
13,600.00	7,283.23	7,183.74	7,179.99	103.82	15.80	-72.05	-580.95	-3,707.99	1,803.06	1,755.33	47.73	37.779		
13,700.00	7,282.53	7,177.74	7,174.01	105.47	15.78	-71.26	-580.59	-3,708.31	1,900.44	1,853.25	47.19	40.272		
13,800.00	7,281.83	7,171.74	7,168.04	107.12	15.76	-70.48	-580.24	-3,708.63	1,998.06	1,951.34	46.72	42.763		
13,900.00	7,281.13	7,165.74	7,162.06	108.77	15.74	-69.71	-579.88	-3,708.95	2,095.89	2,049.57	46.32	45.252		
14,000.00	7,280.43	7,159.74	7,156.08	110.42	15.72	-68.94	-579.52	-3,709.27	2,193.89	2,147.93	45.96	47.734		
14,100.00	7,279.73	7,153.75	7,150.10	112.07	15.71	-68.18	-579.17	-3,709.59	2,292.06	2,246.41	45.65	50.209		
14,200.00	7,279.03	7,147.75	7,144.12	113.72	15.69	-67.42	-578.81	-3,709.91	2,390.36	2,344.98	45.38	52.676		
14,300.00	7,278.33	7,141.75	7,138.14	115.37	15.67	-66.67	-578.46	-3,710.23	2,488.78	2,443.64	45.14	55.133		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - S B H 1 - Amirmex P&A Well - No Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	23.00	23.00	3.28	3.31	-79.61	291.86	-1,591.62	1,618.15					
100.00	100.00	123.00	123.00	3.28	4.18	-79.61	291.86	-1,591.62	1,618.15	1,609.90	8.25	196.105		
200.00	200.00	223.00	223.00	3.31	6.95	-79.61	291.86	-1,591.62	1,618.15	1,607.11	11.05	146.452		
200.00	200.00	223.00	223.00	3.31	6.95	-79.61	291.86	-1,591.62	1,618.15	1,607.11	11.05	146.452		
300.00	300.00	323.00	323.00	3.35	10.21	-176.76	291.86	-1,591.62	1,618.59	1,604.24	14.35	112.761		
400.00	399.93	422.93	422.93	3.41	13.61	-176.76	291.86	-1,591.62	1,622.07	1,604.26	17.82	91.043		
500.00	499.68	522.68	522.68	3.50	17.07	-176.77	291.86	-1,591.62	1,629.04	1,607.68	21.35	76.286		
600.00	599.13	622.13	622.13	3.61	20.54	-176.78	291.86	-1,591.62	1,639.47	1,614.54	24.93	65.755		
700.00	698.15	721.15	721.15	3.75	24.01	-176.79	291.86	-1,591.62	1,653.37	1,624.83	28.54	57.940		
800.00	796.84	819.84	819.84	3.93	27.47	-176.82	291.86	-1,591.62	1,669.50	1,637.34	32.15	51.921		
900.00	895.52	918.52	918.52	4.13	30.95	-176.85	291.86	-1,591.62	1,685.67	1,649.88	35.79	47.100		
1,000.00	994.20	1,017.20	1,017.20	4.36	34.43	-176.88	291.86	-1,591.62	1,701.84	1,662.39	39.44	43.145		
1,100.00	1,092.88	1,115.88	1,115.88	4.61	37.91	-176.91	291.86	-1,591.62	1,718.01	1,674.89	43.12	39.845		
1,200.00	1,191.56	1,214.56	1,214.56	4.87	41.39	-176.94	291.86	-1,591.62	1,734.18	1,687.38	46.80	37.051		
1,300.00	1,290.24	1,313.24	1,313.24	5.15	44.88	-176.96	291.86	-1,591.62	1,750.35	1,699.85	50.50	34.657		
1,400.00	1,388.92	1,411.92	1,411.92	5.44	48.37	-176.99	291.86	-1,591.62	1,766.53	1,712.31	54.22	32.583		
1,500.00	1,487.60	1,510.60	1,510.60	5.74	51.86	-177.02	291.86	-1,591.62	1,782.70	1,724.76	57.94	30.770		
1,600.00	1,586.28	1,609.28	1,609.28	6.04	55.35	-177.05	291.86	-1,591.62	1,798.87	1,737.21	61.67	29.172		
1,700.00	1,684.96	1,707.96	1,707.96	6.36	58.84	-177.07	291.86	-1,591.62	1,815.05	1,749.65	65.40	27.753		
1,800.00	1,783.64	1,806.64	1,806.64	6.68	62.33	-177.10	291.86	-1,591.62	1,831.22	1,762.08	69.14	26.485		
1,900.00	1,882.32	1,905.32	1,905.32	6.86	65.82	-177.12	291.86	-1,591.62	1,847.40	1,774.83	72.56	25.459		
2,000.00	1,981.00	2,004.00	2,004.00	6.89	69.31	-177.15	291.86	-1,591.62	1,863.57	1,787.50	76.07	24.497		
2,100.00	2,079.68	2,102.68	2,102.68	6.95	72.81	-177.17	291.86	-1,591.62	1,879.75	1,800.15	79.60	23.616		
2,200.00	2,178.36	2,201.36	2,201.36	7.01	76.30	-177.20	291.86	-1,591.62	1,895.92	1,812.79	83.14	22.805		
2,300.00	2,277.04	2,300.04	2,300.04	7.10	79.79	-177.22	291.86	-1,591.62	1,912.10	1,825.41	86.69	22.056		
2,400.00	2,375.72	2,401.28	2,398.72	7.20	83.38	-177.24	291.86	-1,591.62	1,928.28	1,837.93	90.35	21.342		
2,500.00	2,474.40	2,502.60	2,497.40	7.31	86.96	-177.27	291.86	-1,591.62	1,944.45	1,850.43	94.03	20.680		
2,600.00	2,573.08	2,603.92	2,596.08	7.43	90.55	-177.29	291.86	-1,591.62	1,960.63	1,862.91	97.72	20.064		
2,700.00	2,671.76	2,705.24	2,694.76	7.57	94.14	-177.31	291.86	-1,591.62	1,976.81	1,875.39	101.42	19.492		
2,800.00	2,770.44	2,806.56	2,793.44	7.72	97.73	-177.33	291.86	-1,591.62	1,992.99	1,887.85	105.13	18.957		
2,900.00	2,869.12	2,907.88	2,892.12	7.89	101.31	-177.36	291.86	-1,591.62	2,009.16	1,900.30	108.86	18.457		
3,000.00	2,967.80	3,009.20	2,990.80	8.06	104.90	-177.38	291.86	-1,591.62	2,025.34	1,912.75	112.59	17.988		
3,100.00	3,066.48	3,089.48	3,089.48	8.24	107.75	-177.40	291.86	-1,591.62	2,041.52	1,925.92	115.60	17.661		
3,200.00	3,165.16	3,188.16	3,188.16	8.43	111.24	-177.42	291.86	-1,591.62	2,057.70	1,938.44	119.26	17.254		
3,300.00	3,263.84	3,286.84	3,286.84	8.64	114.74	-177.44	291.86	-1,591.62	2,073.88	1,950.95	122.93	16.871		
3,400.00	3,362.52	3,385.52	3,385.52	8.84	118.23	-177.46	291.86	-1,591.62	2,090.06	1,963.45	126.61	16.508		
3,500.00	3,461.20	3,484.20	3,484.20	9.06	121.73	-177.48	291.86	-1,591.62	2,106.24	1,975.94	130.29	16.165		
3,600.00	3,559.88	3,582.88	3,582.88	9.29	125.22	-177.50	291.86	-1,591.62	2,122.42	1,988.43	133.99	15.841		
3,700.00	3,658.56	3,681.56	3,681.56	9.52	128.72	-177.52	291.86	-1,591.62	2,138.60	2,000.91	137.69	15.532		
3,800.00	3,757.24	3,780.24	3,780.24	9.75	132.21	-177.53	291.86	-1,591.62	2,154.78	2,013.38	141.39	15.240		
3,900.00	3,855.92	3,878.92	3,878.92	9.99	135.71	-177.55	291.86	-1,591.62	2,170.96	2,025.85	145.11	14.961		
4,000.00	3,954.60	3,977.60	3,977.60	10.24	139.20	-177.57	291.86	-1,591.62	2,187.14	2,038.31	148.82	14.696		
4,100.00	4,053.28	4,076.28	4,076.28	10.49	142.70	-177.59	291.86	-1,591.62	2,203.32	2,050.77	152.54	14.444		
4,200.00	4,151.96	4,174.96	4,174.96	10.75	146.19	-177.61	291.86	-1,591.62	2,219.50	2,063.23	156.27	14.203		
4,300.00	4,250.64	4,273.64	4,273.64	11.01	149.69	-177.62	291.86	-1,591.62	2,235.68	2,075.68	160.00	13.973		
4,400.00	4,349.32	4,372.32	4,372.32	11.28	153.19	-177.64	291.86	-1,591.62	2,251.86	2,088.12	163.74	13.753		
4,500.00	4,448.00	4,471.00	4,471.00	11.55	156.68	-177.66	291.86	-1,591.62	2,268.04	2,100.57	167.48	13.543		
4,600.00	4,546.68	4,569.68	4,569.68	11.82	160.18	-177.67	291.86	-1,591.62	2,284.22	2,113.01	171.22	13.341		
4,700.00	4,645.36	4,668.36	4,668.36	12.09	163.67	-177.69	291.86	-1,591.62	2,300.41	2,125.44	174.96	13.148		
4,800.00	4,744.04	4,767.04	4,767.04	12.37	167.17	-177.71	291.86	-1,591.62	2,316.59	2,137.88	178.71	12.963		
4,900.00	4,842.72	4,865.72	4,865.72	12.65	170.66	-177.72	291.86	-1,591.62	2,332.77	2,150.31	182.46	12.785		
5,000.00	4,941.40	4,964.40	4,964.40	12.94	174.16	-177.74	291.86	-1,591.62	2,348.95	2,162.74	186.22	12.614		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - S B H 1 - Amirmex P&A Well - No Surveys													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,100.00	5,040.08	5,063.08	5,063.08	13.22	177.66	-177.75	291.86	-1,591.62	2,365.14	2,175.16	189.97	12.450		
5,200.00	5,138.76	5,161.76	5,161.76	13.51	181.15	-177.77	291.86	-1,591.62	2,381.32	2,187.59	193.73	12.292		
5,300.00	5,237.44	5,260.44	5,260.44	13.80	184.65	-177.78	291.86	-1,591.62	2,397.50	2,200.01	197.49	12.140		
5,400.00	5,336.12	5,359.12	5,359.12	14.10	188.14	-177.80	291.86	-1,591.62	2,413.68	2,212.43	201.25	11.993		
5,500.00	5,434.80	5,457.80	5,457.80	14.39	191.64	-177.81	291.86	-1,591.62	2,429.87	2,224.85	205.02	11.852		
5,600.00	5,533.48	5,556.48	5,556.48	14.69	195.14	-177.83	291.86	-1,591.62	2,446.05	2,237.27	208.78	11.716		
5,700.00	5,632.16	5,655.16	5,655.16	14.98	198.63	-177.84	291.86	-1,591.62	2,462.23	2,249.68	212.55	11.584		
5,800.00	5,730.84	5,753.84	5,753.84	15.28	202.13	-177.86	291.86	-1,591.62	2,478.42	2,262.10	216.32	11.457		
5,900.00	5,829.52	5,852.52	5,852.52	15.59	205.62	-177.87	291.86	-1,591.62	2,494.60	2,274.51	220.09	11.334		
7,200.00	7,086.58	7,109.58	7,109.58	18.29	250.16	15.22	291.86	-1,591.62	2,490.11	2,222.90	267.21	9.319		
7,300.00	7,159.23	7,182.23	7,182.23	18.27	252.73	17.39	291.86	-1,591.62	2,423.02	2,153.28	269.74	8.983		
7,400.00	7,220.27	7,243.27	7,243.27	18.29	254.90	21.15	291.86	-1,591.62	2,345.64	2,073.78	271.86	8.628		
7,500.00	7,268.20	7,308.80	7,291.20	18.37	257.22	27.74	291.86	-1,591.62	2,259.92	1,985.78	274.14	8.244		
7,600.00	7,301.82	7,324.82	7,324.82	18.53	257.79	40.14	291.86	-1,591.62	2,168.01	1,893.33	274.68	7.893		
7,700.00	7,320.33	7,343.33	7,343.33	18.79	258.44	64.71	291.86	-1,591.62	2,072.21	1,796.88	275.33	7.526		
7,800.00	7,323.82	7,346.82	7,346.82	19.15	258.56	91.69	291.86	-1,591.62	1,974.92	1,699.43	275.49	7.169		
7,900.00	7,323.12	7,346.12	7,346.12	19.64	258.54	91.61	291.86	-1,591.62	1,877.76	1,602.23	275.52	6.815		
8,000.00	7,322.42	7,345.42	7,345.42	20.26	258.51	91.52	291.86	-1,591.62	1,780.90	1,505.32	275.58	6.462		
8,100.00	7,321.72	7,344.72	7,344.72	21.00	258.49	91.43	291.86	-1,591.62	1,684.41	1,408.75	275.67	6.110		
8,200.00	7,321.02	7,344.02	7,344.02	21.85	258.47	91.34	291.86	-1,591.62	1,588.36	1,312.57	275.79	5.759		
8,300.00	7,320.32	7,343.32	7,343.32	22.79	258.44	91.25	291.86	-1,591.62	1,492.82	1,216.86	275.97	5.409		
8,400.00	7,319.62	7,342.62	7,342.62	23.81	258.42	91.16	291.86	-1,591.62	1,397.91	1,121.71	276.21	5.061		
8,500.00	7,318.92	7,341.92	7,341.92	24.91	258.39	91.08	291.86	-1,591.62	1,303.76	1,027.24	276.53	4.715		
8,600.00	7,318.22	7,341.22	7,341.22	26.06	258.37	90.99	291.86	-1,591.62	1,210.55	933.60	276.95	4.371		
8,700.00	7,317.52	7,340.52	7,340.52	27.27	258.34	90.90	291.86	-1,591.62	1,118.51	840.99	277.52	4.030		
8,800.00	7,316.82	7,339.82	7,339.82	28.53	258.32	90.81	291.86	-1,591.62	1,027.96	749.69	278.27	3.694		
8,900.00	7,316.12	7,339.12	7,339.12	29.83	258.29	90.72	291.86	-1,591.62	939.33	660.08	279.25	3.364		
9,000.00	7,315.42	7,338.42	7,338.42	31.17	258.27	90.64	291.86	-1,591.62	853.21	572.67	280.54	3.041		
9,100.00	7,314.72	7,337.72	7,337.72	32.53	258.24	90.55	291.86	-1,591.62	770.46	488.23	282.22	2.730		
9,200.00	7,314.02	7,337.02	7,337.02	33.93	258.22	90.46	291.86	-1,591.62	692.27	407.88	284.38	2.434		
9,300.00	7,313.32	7,336.32	7,336.32	35.35	258.19	90.37	291.86	-1,591.62	620.27	333.28	287.09	2.161		
9,400.00	7,312.62	7,335.62	7,335.62	36.79	258.17	90.28	291.86	-1,591.62	557.22	266.88	290.33	1.919		
9,500.00	7,311.92	7,334.92	7,334.92	38.24	258.14	90.20	291.86	-1,591.62	506.08	212.16	293.92	1.722		
9,600.00	7,311.22	7,334.22	7,334.22	39.72	258.12	90.11	291.86	-1,591.62	470.90	173.55	297.35	1.584		
9,700.00	7,310.52	7,333.52	7,333.52	41.21	258.09	90.02	291.86	-1,591.62	455.38	155.52	299.86	1.519		
9,721.88	7,310.37	7,333.37	7,333.37	41.54	258.09	90.00	291.86	-1,591.62	454.85	154.64	300.21	1.515 CC, ES, SF		
9,800.00	7,309.82	7,332.82	7,332.82	42.72	258.07	89.93	291.86	-1,591.62	461.51	160.70	300.81	1.534		
9,900.00	7,309.12	7,332.12	7,332.12	44.23	258.04	89.84	291.86	-1,591.62	488.48	188.29	300.19	1.627		
10,000.00	7,308.42	7,331.42	7,331.42	45.76	258.02	89.75	291.86	-1,591.62	533.14	234.64	298.50	1.786		
10,100.00	7,307.72	7,330.72	7,330.72	47.30	257.99	89.67	291.86	-1,591.62	591.49	295.12	296.37	1.996		
10,200.00	7,307.02	7,330.02	7,330.02	48.85	257.97	89.58	291.86	-1,591.62	659.91	365.70	294.21	2.243		
10,300.00	7,306.32	7,329.32	7,329.32	50.40	257.94	89.49	291.86	-1,591.62	735.60	443.36	292.23	2.517		
10,400.00	7,305.62	7,328.62	7,328.62	51.96	257.92	89.40	291.86	-1,591.62	816.53	526.02	290.51	2.811		
10,500.00	7,304.92	7,327.92	7,327.92	53.53	257.90	89.31	291.86	-1,591.62	901.30	612.26	289.04	3.118		
10,600.00	7,304.22	7,327.22	7,327.22	55.11	257.87	89.23	291.86	-1,591.62	988.91	701.13	287.79	3.436		
10,700.00	7,303.52	7,326.52	7,326.52	56.69	257.85	89.14	291.86	-1,591.62	1,078.69	791.96	286.73	3.762		
10,800.00	7,302.82	7,325.82	7,325.82	58.28	257.82	89.05	291.86	-1,591.62	1,170.12	884.28	285.84	4.094		
10,900.00	7,302.12	7,325.12	7,325.12	59.87	257.80	88.96	291.86	-1,591.62	1,262.85	977.78	285.08	4.430		
11,000.00	7,301.42	7,324.42	7,324.42	61.46	257.77	88.87	291.86	-1,591.62	1,356.62	1,072.19	284.43	4.770		
11,100.00	7,300.72	7,323.72	7,323.72	63.06	257.75	88.79	291.86	-1,591.62	1,451.21	1,167.34	283.87	5.112		
11,200.00	7,300.02	7,323.02	7,323.02	64.67	257.72	88.70	291.86	-1,591.62	1,546.49	1,263.10	283.39	5.457		
11,300.00	7,299.32	7,322.32	7,322.32	66.27	257.70	88.61	291.86	-1,591.62	1,642.33	1,359.35	282.97	5.804		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 6N-66W-06 Offsets - S B H 1 - Amirmex P&A Well - No Surveys												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 100-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	
11,400.00	7,298.62	7,321.62	7,321.62	67.88	257.67	88.52	291.86	-1,591.62	1,738.63	1,456.02	282.61	6.152	
11,500.00	7,297.93	7,320.93	7,320.93	69.50	257.65	88.43	291.86	-1,591.62	1,835.34	1,553.04	282.30	6.501	
11,600.00	7,297.23	7,320.23	7,320.23	71.11	257.62	88.35	291.86	-1,591.62	1,932.37	1,650.35	282.03	6.852	
11,700.00	7,296.53	7,319.53	7,319.53	72.73	257.60	88.26	291.86	-1,591.62	2,029.70	1,747.91	281.79	7.203	
11,800.00	7,295.83	7,318.83	7,318.83	74.35	257.57	88.17	291.86	-1,591.62	2,127.27	1,845.69	281.58	7.555	
11,900.00	7,295.13	7,318.13	7,318.13	75.97	257.55	88.08	291.86	-1,591.62	2,225.06	1,943.66	281.39	7.907	
12,000.00	7,294.43	7,317.43	7,317.43	77.60	257.52	87.99	291.86	-1,591.62	2,323.03	2,041.80	281.23	8.260	
12,100.00	7,293.73	7,316.73	7,316.73	79.23	257.50	87.90	291.86	-1,591.62	2,421.17	2,140.08	281.09	8.613	



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - WEBER 6-13 - Noble SI Well - Actual Coretech Surveys (Grid to True)											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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	28.47	28.47	3.28	3.28	-120.36	-885.96	-1,512.71	1,753.06				
100.00	100.00	132.39	132.39	3.28	3.29	-120.37	-886.24	-1,512.28	1,752.84	1,745.47	7.36	238.006	
200.00	200.00	232.52	232.52	3.31	3.33	-120.38	-886.27	-1,511.89	1,752.52	1,745.09	7.43	236.004	
222.18	222.18	254.48	254.48	3.31	3.34	142.47	-886.25	-1,511.82	1,752.48	1,745.03	7.45	235.358	
300.00	300.00	331.93	331.93	3.35	3.40	142.47	-886.25	-1,511.57	1,752.57	1,745.03	7.54	232.534	
400.00	399.93	430.87	430.86	3.41	3.49	142.50	-886.34	-1,511.19	1,755.06	1,747.37	7.69	228.090	
500.00	499.68	527.70	527.70	3.50	3.61	142.57	-886.39	-1,511.02	1,760.48	1,752.58	7.90	222.912	
600.00	599.13	627.78	627.77	3.61	3.74	142.66	-886.68	-1,510.80	1,768.76	1,760.61	8.14	217.208	
700.00	698.15	727.28	727.28	3.75	3.88	142.79	-886.78	-1,510.53	1,779.69	1,771.26	8.42	211.299	
800.00	796.84	820.53	820.52	3.93	3.99	143.06	-886.99	-1,510.54	1,792.74	1,784.05	8.69	206.284	
900.00	895.52	925.25	925.24	4.13	4.06	143.39	-886.71	-1,510.66	1,805.74	1,796.80	8.94	202.039	
1,000.00	994.20	1,022.23	1,022.23	4.36	4.11	143.71	-886.08	-1,510.87	1,818.71	1,809.51	9.19	197.812	
1,100.00	1,092.88	1,116.83	1,116.82	4.61	4.18	144.02	-885.45	-1,511.28	1,831.91	1,822.43	9.47	193.377	
1,200.00	1,191.56	1,212.74	1,212.72	4.87	4.25	144.33	-884.88	-1,511.85	1,845.34	1,835.56	9.78	188.768	
1,300.00	1,290.24	1,310.76	1,310.74	5.15	4.35	144.64	-884.36	-1,512.53	1,858.94	1,848.83	10.11	183.899	
1,400.00	1,388.92	1,415.21	1,415.19	5.44	4.48	144.96	-883.95	-1,512.90	1,872.36	1,861.87	10.49	178.477	
1,500.00	1,487.60	1,505.74	1,505.72	5.74	4.61	145.23	-883.62	-1,513.34	1,885.96	1,875.09	10.88	173.406	
1,600.00	1,586.28	1,601.83	1,601.81	6.04	4.74	145.53	-883.20	-1,514.14	1,899.88	1,888.60	11.28	168.475	
1,700.00	1,684.96	1,695.95	1,695.92	6.36	4.89	145.81	-882.77	-1,515.11	1,914.03	1,902.33	11.69	163.672	
1,800.00	1,783.64	1,796.15	1,796.11	6.68	5.06	146.11	-882.45	-1,516.17	1,928.30	1,916.16	12.14	158.883	
1,900.00	1,882.32	1,898.43	1,898.39	6.86	5.24	146.40	-882.27	-1,517.02	1,942.48	1,930.22	12.26	158.439	
2,000.00	1,981.00	1,998.86	1,998.82	6.89	5.44	146.69	-881.90	-1,517.77	1,956.56	1,944.07	12.48	156.765	
2,100.00	2,079.68	2,094.74	2,094.69	6.95	5.65	146.96	-881.34	-1,518.61	1,970.70	1,957.97	12.72	154.884	
2,200.00	2,178.36	2,192.90	2,192.84	7.01	5.86	147.23	-880.95	-1,519.47	1,984.97	1,971.98	12.99	152.812	
2,300.00	2,277.04	2,302.13	2,302.07	7.10	6.10	147.52	-880.86	-1,519.98	1,999.04	1,985.75	13.29	150.365	
2,400.00	2,375.72	2,391.21	2,391.16	7.20	6.27	147.74	-881.10	-1,520.21	2,013.12	1,999.57	13.54	148.645	
2,500.00	2,474.40	2,494.28	2,494.22	7.31	6.43	147.98	-881.70	-1,520.49	2,027.38	2,013.58	13.80	146.914	
2,600.00	2,573.08	2,604.62	2,604.55	7.43	6.58	148.23	-882.29	-1,520.31	2,041.25	2,027.20	14.06	145.228	
2,700.00	2,671.76	2,709.38	2,709.31	7.57	6.71	148.47	-882.48	-1,519.82	2,054.73	2,040.42	14.31	143.566	
2,800.00	2,770.44	2,788.09	2,788.03	7.72	6.85	148.66	-882.64	-1,519.78	2,068.62	2,054.05	14.58	141.898	
2,900.00	2,869.12	2,890.79	2,890.73	7.89	7.03	148.88	-883.25	-1,520.00	2,082.95	2,068.05	14.90	139.755	
3,000.00	2,967.80	2,985.92	2,985.85	8.06	7.19	149.08	-883.99	-1,520.00	2,097.20	2,081.97	15.23	137.737	
3,100.00	3,066.48	3,078.28	3,078.21	8.24	7.37	149.28	-884.86	-1,520.20	2,111.72	2,096.15	15.57	135.652	
3,200.00	3,165.16	3,178.88	3,178.80	8.43	7.57	149.48	-886.05	-1,520.48	2,126.42	2,110.48	15.94	133.379	
3,300.00	3,263.84	3,283.12	3,283.03	8.64	7.78	149.68	-887.36	-1,520.50	2,140.93	2,124.59	16.34	131.061	
3,400.00	3,362.52	3,387.93	3,387.84	8.84	7.99	149.87	-888.66	-1,520.21	2,155.19	2,138.45	16.74	128.775	
3,500.00	3,461.20	3,488.03	3,487.93	9.06	8.19	150.05	-889.83	-1,519.76	2,169.29	2,152.15	17.14	126.587	
3,600.00	3,559.88	3,585.93	3,585.82	9.29	8.39	150.24	-890.79	-1,519.38	2,183.41	2,165.86	17.55	124.432	
3,700.00	3,658.56	3,679.56	3,679.44	9.52	8.61	150.42	-891.54	-1,519.23	2,197.67	2,179.70	17.97	122.298	
3,800.00	3,757.24	3,783.19	3,783.07	9.75	8.85	150.62	-891.97	-1,519.30	2,212.03	2,193.60	18.43	120.036	
3,900.00	3,855.92	3,870.64	3,870.53	9.99	9.05	150.80	-892.19	-1,519.43	2,226.43	2,207.58	18.85	118.110	
4,000.00	3,954.60	3,969.43	3,969.31	10.24	9.27	151.00	-892.31	-1,520.09	2,241.29	2,221.99	19.31	116.084	
4,100.00	4,053.28	4,073.44	4,073.32	10.49	9.52	151.22	-892.36	-1,520.53	2,255.92	2,236.13	19.79	113.988	
4,200.00	4,151.96	4,175.56	4,175.44	10.75	9.78	151.42	-892.45	-1,520.74	2,270.40	2,250.12	20.28	111.934	
4,300.00	4,250.64	4,271.08	4,270.96	11.01	10.02	151.61	-892.54	-1,520.90	2,284.87	2,264.10	20.77	110.014	
4,400.00	4,349.32	4,363.66	4,363.54	11.28	10.26	151.78	-892.97	-1,521.18	2,299.61	2,278.35	21.25	108.195	
4,500.00	4,448.00	4,467.27	4,467.15	11.55	10.53	151.96	-893.73	-1,521.37	2,314.36	2,292.58	21.77	106.302	
4,600.00	4,546.68	4,563.30	4,563.17	11.82	10.78	152.13	-894.36	-1,521.49	2,329.05	2,306.78	22.27	104.566	
4,700.00	4,645.36	4,661.26	4,661.13	12.09	11.04	152.30	-895.18	-1,521.72	2,343.92	2,321.13	22.79	102.854	
4,800.00	4,744.04	4,755.01	4,754.87	12.37	11.29	152.46	-895.79	-1,522.01	2,358.83	2,335.53	23.30	101.248	
4,900.00	4,842.72	4,851.53	4,851.39	12.65	11.53	152.63	-896.06	-1,522.74	2,374.04	2,350.24	23.80	99.741	
5,000.00	4,941.40	4,950.12	4,949.98	12.94	11.76	152.83	-895.72	-1,523.62	2,389.19	2,364.90	24.29	98.359	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 6N-66W-06 Offsets - WEBER 6-13 - Noble SI Well - Actual Coretech Surveys (Grid to True)												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	
5,100.00	5,040.08	5,047.41	5,047.27	13.22	11.98	153.02	-895.36	-1,524.61	2,404.48	2,379.70	24.78	97.037	
5,200.00	5,138.76	5,148.04	5,147.89	13.51	12.22	153.20	-895.26	-1,525.47	2,419.73	2,394.44	25.29	95.684	
5,300.00	5,237.44	5,248.36	5,248.21	13.80	12.46	153.39	-894.83	-1,526.37	2,434.93	2,409.14	25.79	94.398	
5,400.00	5,336.12	5,344.53	5,344.37	14.10	12.68	153.57	-894.54	-1,527.15	2,450.12	2,423.83	26.29	93.188	
5,500.00	5,434.80	5,437.66	5,437.50	14.39	12.92	153.74	-894.25	-1,528.14	2,465.57	2,438.77	26.80	92.012	
5,600.00	5,533.48	5,541.32	5,541.15	14.69	13.19	153.92	-894.28	-1,529.19	2,481.11	2,453.76	27.35	90.729	
5,700.00	5,632.16	5,649.83	5,649.66	14.98	13.48	154.11	-894.27	-1,529.77	2,496.19	2,468.27	27.92	89.416	
7,300.00	7,159.23	7,160.02	7,159.78	18.27	17.49	-23.65	-904.55	-1,535.22	2,450.83	2,415.72	35.10	69.819	
7,400.00	7,220.27	7,221.10	7,220.85	18.29	17.65	-29.45	-905.28	-1,535.68	2,375.89	2,340.64	35.25	67.409	
7,500.00	7,268.20	7,269.72	7,269.47	18.37	17.77	-38.33	-905.84	-1,536.06	2,293.03	2,257.68	35.35	64.872	
7,600.00	7,301.82	7,304.10	7,303.84	18.53	17.87	-52.16	-906.24	-1,536.33	2,204.40	2,168.95	35.45	62.183	
7,700.00	7,320.33	7,323.38	7,323.12	18.79	18.00	-72.23	-906.47	-1,536.48	2,112.33	2,076.72	35.61	59.311	
7,800.00	7,323.82	7,327.66	7,327.40	19.15	18.03	-89.21	-906.51	-1,536.51	2,019.18	1,983.47	35.71	56.545	
7,900.00	7,323.12	7,327.75	7,327.49	19.64	18.03	-89.22	-906.52	-1,536.52	1,926.57	1,890.76	35.81	53.793	
8,000.00	7,322.42	7,327.85	7,327.58	20.26	18.03	-89.22	-906.52	-1,536.52	1,834.74	1,798.77	35.97	51.009	
8,100.00	7,321.72	7,327.94	7,327.67	21.00	18.03	-89.23	-906.52	-1,536.52	1,743.80	1,707.62	36.18	48.193	
8,200.00	7,321.02	7,328.03	7,327.77	21.85	18.03	-89.24	-906.52	-1,536.52	1,653.91	1,617.44	36.47	45.345	
8,300.00	7,320.32	7,328.12	7,327.86	22.79	18.03	-89.24	-906.52	-1,536.52	1,565.25	1,528.39	36.86	42.468	
8,400.00	7,319.62	7,328.21	7,327.95	23.81	18.03	-89.25	-906.52	-1,536.52	1,478.03	1,440.68	37.35	39.569	
8,500.00	7,318.92	7,328.31	7,328.04	24.91	18.03	-89.26	-906.52	-1,536.52	1,392.53	1,354.55	37.99	36.659	
8,600.00	7,318.22	7,328.40	7,328.13	26.06	18.04	-89.26	-906.52	-1,536.52	1,309.10	1,270.31	38.78	33.755	
8,700.00	7,317.52	7,328.49	7,328.23	27.27	18.04	-89.27	-906.52	-1,536.52	1,228.13	1,188.36	39.77	30.878	
8,800.00	7,316.82	7,328.58	7,328.32	28.53	18.04	-89.28	-906.53	-1,536.52	1,150.17	1,109.18	40.99	28.061	
8,900.00	7,316.12	7,328.67	7,328.41	29.83	18.04	-89.29	-906.53	-1,536.52	1,075.86	1,033.40	42.46	25.340	
9,000.00	7,315.42	7,328.76	7,328.50	31.17	18.04	-89.29	-906.53	-1,536.52	1,006.00	961.80	44.20	22.761	
9,100.00	7,314.72	7,328.86	7,328.59	32.53	18.04	-89.30	-906.53	-1,536.52	941.61	895.38	46.22	20.372	
9,200.00	7,314.02	7,328.95	7,328.68	33.93	18.04	-89.31	-906.53	-1,536.52	883.86	835.35	48.50	18.223	
9,300.00	7,313.32	7,329.04	7,328.78	35.35	18.04	-89.31	-906.53	-1,536.53	834.13	783.16	50.98	16.363	
9,400.00	7,312.62	7,329.13	7,328.87	36.79	18.04	-89.32	-906.53	-1,536.53	793.95	740.42	53.53	14.832	
9,500.00	7,311.92	7,329.22	7,328.96	38.24	18.04	-89.33	-906.53	-1,536.53	764.81	708.82	55.99	13.661	
9,600.00	7,311.22	7,329.32	7,329.05	39.72	18.04	-89.34	-906.53	-1,536.53	748.01	689.86	58.15	12.863	
9,677.11	7,310.68	7,329.39	7,329.12	40.87	18.04	-89.34	-906.53	-1,536.53	744.02	684.53	59.49	12.506 CC, ES	
9,700.00	7,310.52	7,329.41	7,329.14	41.21	18.04	-89.34	-906.53	-1,536.53	744.37	684.55	59.83	12.442	
9,800.00	7,309.82	7,329.50	7,329.24	42.72	18.04	-89.35	-906.54	-1,536.53	754.10	693.20	60.90	12.383 SF	
9,900.00	7,309.12	7,329.59	7,329.33	44.23	18.04	-89.36	-906.54	-1,536.53	776.69	715.34	61.35	12.661	
10,000.00	7,308.42	7,329.68	7,329.42	45.76	18.04	-89.36	-906.54	-1,536.53	811.06	749.82	61.25	13.243	
10,100.00	7,307.72	7,329.77	7,329.51	47.30	18.04	-89.37	-906.54	-1,536.53	855.81	795.08	60.73	14.092	
10,200.00	7,307.02	7,329.87	7,329.60	48.85	18.05	-89.38	-906.54	-1,536.53	909.39	849.45	59.93	15.173	
10,300.00	7,306.32	7,329.96	7,329.69	50.40	18.05	-89.39	-906.54	-1,536.53	970.34	911.36	58.98	16.452	
10,400.00	7,305.62	7,330.05	7,329.79	51.96	18.05	-89.39	-906.54	-1,536.53	1,037.37	979.41	57.97	17.896	
10,500.00	7,304.92	7,330.14	7,329.88	53.53	18.05	-89.40	-906.54	-1,536.53	1,109.38	1,052.43	56.95	19.481	
10,600.00	7,304.22	7,330.23	7,329.97	55.11	18.05	-89.41	-906.54	-1,536.53	1,185.45	1,129.49	55.96	21.183	
10,700.00	7,303.52	7,330.33	7,330.06	56.69	18.05	-89.41	-906.55	-1,536.54	1,264.86	1,209.83	55.04	22.983	
10,800.00	7,302.82	7,330.42	7,330.15	58.28	18.05	-89.42	-906.55	-1,536.54	1,347.02	1,292.84	54.18	24.864	
10,900.00	7,302.12	7,330.51	7,330.25	59.87	18.05	-89.43	-906.55	-1,536.54	1,431.44	1,378.06	53.38	26.814	
11,000.00	7,301.42	7,330.60	7,330.34	61.46	18.05	-89.43	-906.55	-1,536.54	1,517.76	1,465.10	52.66	28.820	
11,100.00	7,300.72	7,330.69	7,330.43	63.06	18.05	-89.44	-906.55	-1,536.54	1,605.67	1,553.67	52.01	30.875	
11,200.00	7,300.02	7,330.78	7,330.52	64.67	18.05	-89.45	-906.55	-1,536.54	1,694.92	1,643.51	51.41	32.969	
11,300.00	7,299.32	7,330.88	7,330.61	66.27	18.05	-89.46	-906.55	-1,536.54	1,785.31	1,734.44	50.87	35.096	
11,400.00	7,298.62	7,330.97	7,330.71	67.88	18.05	-89.46	-906.55	-1,536.54	1,876.68	1,826.30	50.38	37.250	
11,500.00	7,297.93	7,331.06	7,330.80	69.50	18.05	-89.47	-906.55	-1,536.54	1,968.88	1,918.94	49.94	39.427	
11,600.00	7,297.23	7,331.15	7,330.89	71.11	18.05	-89.48	-906.56	-1,536.54	2,061.81	2,012.28	49.54	41.623	

Hewlett-Packard  
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 21C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 21C-1-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Offset Design	6N-66W-06 Offsets - WEBER 6-13 - Noble SI Well - Actual Coretech Surveys (Grid to True)											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	
11,700.00	7,296.53	7,331.24	7,330.98	72.73	18.05	-89.48	-906.56	-1,536.54	2,155.38	2,106.21	49.17	43.833	
11,800.00	7,295.83	7,331.34	7,331.07	74.35	18.06	-89.49	-906.56	-1,536.54	2,249.50	2,200.65	48.84	46.056	
11,900.00	7,295.13	7,331.43	7,331.16	75.97	18.06	-89.50	-906.56	-1,536.54	2,344.10	2,295.56	48.54	48.289	
12,000.00	7,294.43	7,331.52	7,331.26	77.60	18.06	-89.51	-906.56	-1,536.55	2,439.14	2,390.86	48.27	50.528	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 6N-67W-01 Offsets Incomplete - Simonsen 1Q-241 - PDC PR Well - Actual Ensign Surveys												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 152-SRC Energy_ISCWSA REV 2 MWD												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance				Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)		+N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,400.00	7,284.63	11,219.00	7,131.95	100.53	98.80	42.96	-72.92	-7,744.99	2,488.20	2,369.83	118.37	21.020	
13,500.00	7,283.93	11,217.96	7,131.95	102.17	98.77	42.75	-73.96	-7,745.04	2,388.57	2,270.07	118.50	20.157	
13,600.00	7,283.23	11,212.17	7,131.95	103.82	98.65	41.56	-79.74	-7,745.33	2,288.96	2,170.51	118.46	19.323	
13,700.00	7,282.53	11,206.38	7,131.94	105.47	98.52	40.33	-85.52	-7,745.63	2,189.38	2,070.96	118.41	18.489	
13,800.00	7,281.83	11,200.59	7,131.93	107.12	98.40	39.05	-91.30	-7,745.92	2,089.81	1,971.45	118.37	17.655	
13,900.00	7,281.13	11,194.80	7,131.91	108.77	98.27	37.72	-97.09	-7,746.22	1,990.27	1,871.95	118.32	16.821	
14,000.00	7,280.43	11,189.01	7,131.88	110.42	98.15	36.34	-102.87	-7,746.51	1,890.76	1,772.50	118.27	15.987	
14,100.00	7,279.73	11,184.23	7,131.86	112.07	98.05	35.16	-107.65	-7,746.76	1,791.29	1,673.03	118.27	15.146	
14,200.00	7,279.03	11,179.87	7,131.83	113.72	97.96	34.05	-112.00	-7,746.98	1,691.87	1,573.58	118.29	14.303	
14,300.00	7,278.33	11,175.36	7,131.81	115.37	97.86	32.88	-116.50	-7,747.22	1,592.50	1,474.19	118.31	13.461	
14,400.00	7,277.63	11,170.71	7,131.79	117.03	97.76	31.64	-121.15	-7,747.47	1,493.19	1,374.87	118.33	12.619	
14,500.00	7,276.93	11,165.89	7,131.76	118.68	97.66	30.31	-125.95	-7,747.74	1,393.97	1,275.62	118.35	11.779	
14,600.00	7,276.23	11,160.91	7,131.73	120.33	97.56	28.91	-130.93	-7,748.02	1,294.83	1,176.46	118.37	10.939	
14,700.00	7,275.53	11,155.68	7,131.71	121.99	97.45	27.39	-136.15	-7,748.32	1,195.82	1,077.42	118.39	10.100	
14,800.00	7,274.83	11,148.91	7,131.67	123.64	97.31	25.36	-142.91	-7,748.71	1,096.94	978.61	118.34	9.270	
14,900.00	7,274.13	11,142.14	7,131.65	125.30	97.17	23.27	-149.66	-7,749.10	998.25	879.95	118.30	8.438	
15,000.00	7,273.43	11,135.38	7,131.62	126.96	97.03	21.11	-156.42	-7,749.50	899.79	781.50	118.30	7.606	
15,100.00	7,272.74	11,128.62	7,131.61	128.61	96.89	18.89	-163.17	-7,749.89	801.66	683.31	118.36	6.773	
15,200.00	7,272.04	11,122.27	7,131.59	130.27	96.76	16.74	-169.50	-7,750.26	703.99	585.43	118.56	5.938	
15,300.00	7,271.34	11,116.59	7,131.59	131.93	96.64	14.79	-175.18	-7,750.59	607.02	487.99	119.03	5.100	
15,305.02	7,271.30	11,116.29	7,131.59	132.01	96.64	14.68	-175.47	-7,750.61	602.18	483.11	119.06	5.058 CC, ES, SF	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 7N-66W-31 Offsets Incomplete - Schneider X-31-36HN - PDC Planned Well - Planned Ensign Surveys													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		
0.00	0.00	17.00	17.00	3.28	3.28	3.42	2,350.52	140.38	2,354.71					
100.00	100.00	117.00	117.00	3.28	3.28	3.42	2,350.52	140.38	2,354.71	2,347.29	7.42	317.327		
200.00	200.00	227.00	227.00	3.31	3.31	3.42	2,350.46	140.41	2,354.67	2,347.20	7.47	315.219		
300.00	300.00	385.80	385.77	3.35	3.39	-93.74	2,347.73	141.52	2,353.02	2,345.44	7.59	310.147		
400.00	399.93	544.37	544.16	3.41	3.52	-93.88	2,340.94	144.30	2,349.08	2,341.31	7.77	302.353		
500.00	499.68	702.51	701.86	3.50	3.72	-94.15	2,330.13	148.72	2,342.89	2,334.87	8.03	291.928		
600.00	599.13	860.02	858.56	3.61	4.00	-94.55	2,315.37	154.75	2,334.49	2,326.13	8.36	279.322		
700.00	698.15	1,016.69	1,013.93	3.75	4.37	-95.09	2,296.73	162.37	2,323.93	2,315.16	8.77	265.102		
800.00	796.84	1,172.51	1,167.85	3.93	4.84	-95.50	2,274.30	171.53	2,311.16	2,301.90	9.25	249.815		
900.00	895.52	1,327.56	1,320.30	4.13	5.40	-95.84	2,248.14	182.22	2,296.00	2,286.19	9.81	234.152		
1,000.00	994.20	1,481.64	1,470.98	4.36	6.07	-96.14	2,218.38	194.39	2,278.46	2,268.04	10.42	218.630		
1,100.00	1,092.88	1,634.42	1,619.48	4.61	6.84	-96.40	2,185.17	207.96	2,258.55	2,247.46	11.09	203.580		
1,200.00	1,191.56	1,736.90	1,718.71	4.87	7.40	-96.56	2,161.47	217.65	2,237.28	2,225.60	11.67	191.641		
1,300.00	1,290.24	1,834.44	1,813.15	5.15	7.95	-96.71	2,138.89	226.88	2,216.01	2,203.74	12.27	180.664		
1,400.00	1,388.92	1,931.97	1,907.58	5.44	8.52	-96.87	2,116.32	236.10	2,194.76	2,181.88	12.88	170.456		
1,500.00	1,487.60	2,029.50	2,002.02	5.74	9.10	-97.03	2,093.75	245.33	2,173.52	2,160.02	13.50	160.986		
1,600.00	1,586.28	2,127.03	2,096.45	6.04	9.68	-97.20	2,071.17	254.56	2,152.30	2,138.16	14.14	152.215		
1,700.00	1,684.96	2,224.56	2,190.88	6.36	10.27	-97.37	2,048.60	263.78	2,131.10	2,116.31	14.79	144.097		
1,800.00	1,783.64	2,322.10	2,285.32	6.68	10.87	-97.54	2,026.02	273.01	2,109.92	2,094.47	15.45	136.581		
1,900.00	1,882.32	2,419.63	2,379.75	6.86	11.47	-97.72	2,003.45	282.23	2,088.75	2,072.99	15.76	132.540		
2,000.00	1,981.00	2,517.16	2,474.19	6.89	12.07	-97.89	1,980.87	291.46	2,067.61	2,051.46	16.15	128.032		
2,100.00	2,079.68	2,614.69	2,568.62	6.95	12.68	-98.08	1,958.30	300.69	2,046.48	2,029.93	16.56	123.612		
2,200.00	2,178.36	2,712.22	2,663.05	7.01	13.29	-98.26	1,935.72	309.91	2,025.38	2,008.40	16.98	119.292		
2,300.00	2,277.04	2,809.76	2,757.49	7.10	13.91	-98.45	1,913.15	319.14	2,004.29	1,986.88	17.42	115.082		
2,400.00	2,375.72	2,907.29	2,851.92	7.20	14.53	-98.65	1,890.58	328.37	1,983.23	1,965.36	17.87	110.990		
2,500.00	2,474.40	3,004.82	2,946.36	7.31	15.15	-98.85	1,868.00	337.59	1,962.19	1,943.85	18.33	107.022		
2,600.00	2,573.08	3,102.35	3,040.79	7.43	15.77	-99.05	1,845.43	346.82	1,941.17	1,922.36	18.81	103.182		
2,700.00	2,671.76	3,200.12	3,135.22	7.57	16.39	-99.26	1,822.85	356.05	1,920.18	1,900.87	19.30	99.469		
2,800.00	2,770.44	3,302.58	3,229.66	7.72	17.05	-99.47	1,800.28	365.27	1,899.21	1,879.38	19.82	95.802		
2,900.00	2,869.12	3,394.95	3,324.09	7.89	17.64	-99.68	1,777.70	374.50	1,878.26	1,857.95	20.32	92.452		
3,000.00	2,967.80	3,507.52	3,418.53	8.06	18.36	-99.90	1,755.13	383.73	1,857.35	1,836.45	20.89	88.893		
3,100.00	3,066.48	3,609.99	3,512.96	8.24	19.02	-100.13	1,732.55	392.95	1,836.46	1,815.02	21.44	85.647		
3,200.00	3,165.16	3,687.54	3,607.39	8.43	19.52	-100.36	1,709.98	402.18	1,815.60	1,793.69	21.90	82.895		
3,300.00	3,263.84	3,785.08	3,701.83	8.64	20.15	-100.60	1,687.41	411.40	1,794.76	1,772.32	22.45	79.960		
3,400.00	3,362.52	3,882.61	3,796.26	8.84	20.78	-100.84	1,664.83	420.63	1,773.96	1,750.96	23.00	77.144		
3,500.00	3,461.20	3,980.14	3,890.69	9.06	21.41	-101.09	1,642.26	429.86	1,753.19	1,729.64	23.55	74.443		
3,600.00	3,559.88	4,077.67	3,985.13	9.29	22.04	-101.34	1,619.68	439.08	1,732.45	1,708.34	24.11	71.853		
3,700.00	3,658.56	4,175.20	4,079.56	9.52	22.67	-101.60	1,597.11	448.31	1,711.74	1,687.07	24.68	69.370		
3,800.00	3,757.24	4,272.74	4,174.00	9.75	23.31	-101.87	1,574.53	457.54	1,691.07	1,665.83	25.24	66.990		
3,900.00	3,855.92	4,370.27	4,268.43	9.99	23.94	-102.14	1,551.96	466.76	1,670.44	1,644.62	25.82	64.708		
4,000.00	3,954.60	4,467.80	4,362.86	10.24	24.57	-102.42	1,529.39	475.99	1,649.84	1,623.45	26.39	62.519		
4,100.00	4,053.28	4,565.33	4,457.30	10.49	25.21	-102.71	1,506.81	485.22	1,629.28	1,602.32	26.97	60.420		
4,200.00	4,151.96	4,662.86	4,551.73	10.75	25.84	-103.00	1,484.24	494.44	1,608.77	1,581.22	27.54	58.406		
4,300.00	4,250.64	4,760.40	4,646.17	11.01	26.48	-103.30	1,461.66	503.67	1,588.29	1,560.16	28.12	56.474		
4,400.00	4,349.32	4,857.93	4,740.60	11.28	27.11	-103.61	1,439.09	512.89	1,567.86	1,539.15	28.71	54.619		
4,500.00	4,448.00	4,955.46	4,835.03	11.55	27.75	-103.93	1,416.51	522.12	1,547.47	1,518.18	29.29	52.838		
4,600.00	4,546.68	5,052.99	4,929.47	11.82	28.38	-104.26	1,393.94	531.35	1,527.13	1,497.26	29.87	51.126		
4,700.00	4,645.36	5,150.52	5,023.90	12.09	29.02	-104.59	1,371.36	540.57	1,506.84	1,476.38	30.45	49.482		
4,800.00	4,744.04	5,227.35	5,098.38	12.37	29.43	-104.86	1,353.94	547.69	1,487.13	1,456.17	30.95	48.046		
4,900.00	4,842.72	5,300.00	5,169.14	12.65	29.74	-105.14	1,338.69	553.93	1,469.18	1,437.77	31.41	46.770		
5,000.00	4,941.40	5,370.41	5,238.01	12.94	30.02	-105.43	1,325.11	559.48	1,453.07	1,421.22	31.85	45.618		
5,100.00	5,040.08	5,442.46	5,308.74	13.22	30.29	-105.75	1,312.42	564.66	1,438.82	1,406.54	32.28	44.568		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 7N-66W-31 Offsets Incomplete - Schneider X-31-36HN - PDC Planned Well - Planned Ensign Surveys													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		
5,200.00	5,138.76	5,514.79	5,379.99	13.51	30.55	-106.08	1,300.94	569.36	1,426.46	1,393.75	32.70	43.619		
5,300.00	5,237.44	5,587.34	5,451.70	13.80	30.78	-106.43	1,290.67	573.56	1,416.00	1,382.89	33.11	42.771		
5,400.00	5,336.12	5,660.07	5,523.77	14.10	31.00	-106.80	1,281.64	577.24	1,407.47	1,373.98	33.50	42.019		
5,500.00	5,434.80	5,732.93	5,596.14	14.39	31.20	-107.19	1,273.88	580.42	1,400.89	1,367.02	33.87	41.357		
5,600.00	5,533.48	5,805.86	5,668.72	14.69	31.38	-107.59	1,267.38	583.07	1,396.28	1,362.04	34.24	40.783		
5,700.00	5,632.16	5,878.80	5,741.45	14.98	31.54	-108.01	1,262.17	585.20	1,393.65	1,359.06	34.59	40.295		
5,782.02	5,713.09	5,938.60	5,801.15	15.23	31.65	-108.36	1,258.86	586.55	1,392.98	1,358.11	34.86	39.955 CC		
5,800.00	5,730.84	5,951.71	5,814.23	15.28	31.67	-108.44	1,258.25	586.80	1,393.01	1,358.09	34.92	39.888		
5,900.00	5,829.52	6,024.53	5,887.00	15.59	31.79	-108.87	1,255.62	587.88	1,394.37	1,359.12	35.25	39.558		
6,000.00	5,928.20	6,100.00	5,962.45	15.89	31.89	-109.34	1,254.25	588.44	1,397.75	1,362.17	35.57	39.292		
6,100.00	6,026.87	6,181.42	6,043.87	16.19	32.00	-109.85	1,254.08	588.51	1,402.94	1,367.01	35.93	39.050		
6,200.00	6,125.55	6,280.10	6,142.55	16.50	32.12	-110.46	1,254.08	588.51	1,408.58	1,372.23	36.35	38.747		
6,300.00	6,224.23	6,378.78	6,241.23	16.80	32.25	-111.07	1,254.08	588.51	1,414.39	1,377.61	36.79	38.450		
6,400.00	6,322.91	6,477.46	6,339.91	17.11	32.37	-111.67	1,254.08	588.51	1,420.36	1,383.14	37.22	38.159		
6,500.00	6,421.59	6,576.14	6,438.59	17.42	32.50	-112.27	1,254.08	588.51	1,426.49	1,388.82	37.66	37.874		
6,600.00	6,520.27	6,674.82	6,537.27	17.73	32.62	-112.86	1,254.08	588.51	1,432.77	1,394.66	38.11	37.595		
6,700.00	6,619.08	6,773.63	6,636.08	18.02	32.75	-117.31	1,254.08	588.51	1,438.97	1,400.42	38.55	37.329		
6,800.00	6,718.91	6,828.61	6,690.92	18.18	32.79	97.49	1,254.04	584.60	1,443.66	1,404.97	38.69	37.312		
6,900.00	6,817.97	6,900.00	6,761.28	18.28	32.82	79.36	1,253.93	572.74	1,446.67	1,407.84	38.83	37.260		
7,000.00	6,913.82	6,950.33	6,809.87	18.32	32.80	76.78	1,253.82	559.68	1,447.74	1,408.92	38.82	37.291		
7,100.00	7,004.10	7,000.00	6,856.67	18.32	32.79	76.00	1,253.66	543.07	1,447.14	1,408.34	38.79	37.303		
7,200.00	7,086.58	7,072.58	6,922.39	18.29	32.73	76.12	1,253.39	512.36	1,444.67	1,405.84	38.83	37.204		
7,300.00	7,159.23	7,134.25	6,975.18	18.27	32.66	76.67	1,253.10	480.53	1,440.72	1,401.82	38.90	37.038		
7,400.00	7,220.27	7,200.00	7,027.79	18.29	32.59	77.63	1,252.74	441.14	1,435.47	1,396.40	39.06	36.746		
7,500.00	7,268.20	7,259.54	7,071.70	18.37	32.50	78.83	1,252.37	400.97	1,429.22	1,389.80	39.42	36.252		
7,600.00	7,301.82	7,323.60	7,114.53	18.53	32.40	80.32	1,251.94	353.37	1,422.39	1,382.41	39.98	35.575		
7,700.00	7,320.33	7,388.99	7,153.09	18.79	32.31	82.03	1,251.46	300.59	1,415.43	1,374.65	40.77	34.717		
7,800.00	7,323.82	7,456.32	7,186.92	19.15	32.20	83.74	1,250.93	242.42	1,408.89	1,367.02	41.86	33.656		
7,900.00	7,323.12	7,529.94	7,216.66	19.64	32.10	84.97	1,250.32	175.13	1,404.38	1,361.16	43.22	32.495		
8,000.00	7,322.42	7,610.65	7,240.10	20.26	32.01	85.94	1,249.62	97.95	1,401.84	1,356.94	44.91	31.216		
8,100.00	7,321.72	7,696.64	7,254.12	21.00	31.95	86.54	1,248.85	13.18	1,400.65	1,353.67	46.99	29.809		
8,200.00	7,321.02	7,787.55	7,256.76	21.85	31.99	86.67	1,248.03	-77.63	1,400.38	1,350.93	49.45	28.320		
8,300.00	7,320.32	7,887.55	7,255.52	22.79	32.34	86.65	1,247.12	-177.61	1,400.36	1,347.93	52.43	26.710		
8,400.00	7,319.62	7,987.54	7,254.28	23.81	33.47	86.63	1,246.21	-277.60	1,400.34	1,344.62	55.72	25.130		
8,500.00	7,318.92	8,087.54	7,253.04	24.91	35.47	86.61	1,245.30	-377.59	1,400.32	1,341.04	59.29	23.620		
8,600.00	7,318.22	8,187.54	7,251.80	26.06	37.91	86.58	1,244.40	-477.57	1,400.30	1,337.24	63.07	22.204		
8,700.00	7,317.52	8,287.54	7,250.56	27.27	40.56	86.56	1,243.49	-577.56	1,400.28	1,333.26	67.03	20.892		
8,800.00	7,316.82	8,387.54	7,249.32	28.53	43.35	86.54	1,242.58	-677.55	1,400.26	1,329.13	71.13	19.685		
8,900.00	7,316.12	8,487.54	7,248.08	29.83	46.24	86.52	1,241.67	-777.53	1,400.24	1,324.88	75.36	18.580		
9,000.00	7,315.42	8,587.54	7,246.84	31.17	49.20	86.50	1,240.76	-877.52	1,400.22	1,320.53	79.70	17.570		
9,100.00	7,314.72	8,687.53	7,245.60	32.53	52.22	86.47	1,239.85	-977.51	1,400.20	1,316.09	84.11	16.646		
9,200.00	7,314.02	8,787.53	7,244.36	33.93	55.30	86.45	1,238.95	-1,077.49	1,400.19	1,311.58	88.61	15.802		
9,300.00	7,313.32	8,887.53	7,243.13	35.35	58.41	86.43	1,238.04	-1,177.48	1,400.17	1,307.01	93.16	15.030		
9,400.00	7,312.62	8,987.53	7,241.89	36.79	61.55	86.41	1,237.13	-1,277.47	1,400.15	1,302.38	97.77	14.321		
9,500.00	7,311.92	9,087.53	7,240.65	38.24	64.73	86.39	1,236.22	-1,377.45	1,400.13	1,297.71	102.42	13.670		
9,600.00	7,311.22	9,187.53	7,239.41	39.72	67.93	86.36	1,235.31	-1,477.44	1,400.11	1,293.00	107.11	13.071		
9,700.00	7,310.52	9,287.53	7,238.17	41.21	71.15	86.34	1,234.41	-1,577.43	1,400.10	1,288.25	111.84	12.518		
9,800.00	7,309.82	9,387.52	7,236.93	42.72	74.39	86.32	1,233.50	-1,677.41	1,400.08	1,283.47	116.60	12.007		
9,900.00	7,309.12	9,487.52	7,235.69	44.23	77.65	86.30	1,232.59	-1,777.40	1,400.06	1,278.67	121.39	11.533		
10,000.00	7,308.42	9,587.52	7,234.45	45.76	80.92	86.27	1,231.68	-1,877.39	1,400.04	1,273.84	126.20	11.094		
10,100.00	7,307.72	9,687.52	7,233.21	47.30	84.21	86.25	1,230.77	-1,977.38	1,400.03	1,268.99	131.04	10.684		
10,200.00	7,307.02	9,787.52	7,231.97	48.85	87.50	86.23	1,229.87	-2,077.36	1,400.01	1,264.12	135.89	10.303		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 7N-66W-31 Offsets Incomplete - Schneider X-31-36HN - PDC Planned Well - Planned Ensign Surveys													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		
10,300.00	7,306.32	9,887.52	7,230.73	50.40	90.81	86.21	1,228.96	-2,177.35	1,399.99	1,259.24	140.76	9.946		
10,400.00	7,305.62	9,987.51	7,229.49	51.96	94.13	86.19	1,228.05	-2,277.34	1,399.98	1,254.34	145.64	9.612		
10,500.00	7,304.92	10,087.51	7,228.26	53.53	97.45	86.16	1,227.14	-2,377.32	1,399.96	1,249.42	150.54	9.300		
10,600.00	7,304.22	10,187.51	7,227.02	55.11	100.78	86.14	1,226.23	-2,477.31	1,399.95	1,244.49	155.45	9.006		
10,700.00	7,303.52	10,287.51	7,225.78	56.69	104.12	86.12	1,225.33	-2,577.30	1,399.93	1,239.55	160.38	8.729		
10,800.00	7,302.82	10,387.51	7,224.54	58.28	107.47	86.10	1,224.42	-2,677.28	1,399.92	1,234.61	165.31	8.468		
10,900.00	7,302.12	10,487.51	7,223.30	59.87	110.82	86.07	1,223.51	-2,777.27	1,399.90	1,229.65	170.25	8.222		
11,000.00	7,301.42	10,587.51	7,222.06	61.46	114.17	86.05	1,222.60	-2,877.26	1,399.89	1,224.68	175.20	7.990		
11,100.00	7,300.72	10,687.50	7,220.82	63.06	117.54	86.03	1,221.69	-2,977.24	1,399.87	1,219.71	180.16	7.770		
11,200.00	7,300.02	10,787.50	7,219.58	64.67	120.90	86.01	1,220.79	-3,077.23	1,399.86	1,214.72	185.13	7.561		
11,300.00	7,299.32	10,887.50	7,218.34	66.27	124.27	85.99	1,219.88	-3,177.22	1,399.84	1,209.74	190.11	7.364		
11,400.00	7,298.62	10,987.50	7,217.10	67.88	127.64	85.96	1,218.97	-3,277.20	1,399.83	1,204.74	195.09	7.175		
11,500.00	7,297.93	11,087.50	7,215.86	69.50	131.02	85.94	1,218.06	-3,377.19	1,399.81	1,199.74	200.07	6.997		
11,600.00	7,297.23	11,187.50	7,214.63	71.11	134.40	85.92	1,217.15	-3,477.18	1,399.80	1,194.74	205.06	6.826		
11,700.00	7,296.53	11,287.50	7,213.39	72.73	137.78	85.90	1,216.25	-3,577.16	1,399.79	1,189.73	210.06	6.664		
11,800.00	7,295.83	11,387.49	7,212.15	74.35	141.17	85.88	1,215.34	-3,677.15	1,399.77	1,184.71	215.06	6.509		
11,900.00	7,295.13	11,487.49	7,210.91	75.97	144.56	85.85	1,214.43	-3,777.14	1,399.76	1,179.70	220.06	6.361		
12,000.00	7,294.43	11,587.49	7,209.67	77.60	147.95	85.83	1,213.52	-3,877.12	1,399.75	1,174.67	225.07	6.219		
12,100.00	7,293.73	11,687.49	7,208.43	79.23	151.34	85.81	1,212.61	-3,977.11	1,399.73	1,169.65	230.09	6.084		
12,200.00	7,293.03	11,787.49	7,207.19	80.86	154.73	85.79	1,211.71	-4,077.10	1,399.72	1,164.62	235.10	5.954		
12,300.00	7,292.33	11,887.49	7,205.95	82.49	158.13	85.76	1,210.80	-4,177.08	1,399.71	1,159.59	240.12	5.829		
12,400.00	7,291.63	11,987.49	7,204.71	84.12	161.53	85.74	1,209.89	-4,277.07	1,399.70	1,154.56	245.14	5.710		
12,500.00	7,290.93	12,087.48	7,203.47	85.76	164.93	85.72	1,208.98	-4,377.06	1,399.69	1,149.52	250.17	5.595		
12,600.00	7,290.23	12,187.48	7,202.23	87.39	168.33	85.70	1,208.07	-4,477.04	1,399.68	1,144.48	255.19	5.485		
12,700.00	7,289.53	12,287.48	7,200.99	89.03	171.73	85.68	1,207.17	-4,577.03	1,399.66	1,139.44	260.22	5.379		
12,800.00	7,288.83	12,387.48	7,199.76	90.67	175.14	85.65	1,206.26	-4,677.02	1,399.65	1,134.40	265.26	5.277		
12,900.00	7,288.13	12,487.48	7,198.52	92.31	178.54	85.63	1,205.35	-4,777.00	1,399.64	1,129.35	270.29	5.178		
13,000.00	7,287.43	12,587.48	7,197.28	93.95	181.95	85.61	1,204.44	-4,876.99	1,399.63	1,124.30	275.33	5.084		
13,100.00	7,286.73	12,687.48	7,196.04	95.59	185.36	85.59	1,203.53	-4,976.98	1,399.62	1,119.26	280.37	4.992		
13,200.00	7,286.03	12,787.47	7,194.80	97.24	188.77	85.56	1,202.63	-5,076.96	1,399.61	1,114.21	285.41	4.904		
13,300.00	7,285.33	12,887.47	7,193.56	98.88	192.18	85.54	1,201.72	-5,176.95	1,399.60	1,109.15	290.45	4.819		
13,400.00	7,284.63	12,987.47	7,192.32	100.53	195.59	85.52	1,200.81	-5,276.94	1,399.59	1,104.10	295.49	4.737		
13,500.00	7,283.93	13,087.47	7,191.08	102.17	199.00	85.50	1,199.90	-5,376.92	1,399.58	1,099.05	300.53	4.657		
13,600.00	7,283.23	13,187.47	7,189.84	103.82	202.42	85.48	1,198.99	-5,476.91	1,399.57	1,093.99	305.58	4.580		
13,700.00	7,282.53	13,287.47	7,188.60	105.47	205.83	85.45	1,198.08	-5,576.90	1,399.56	1,088.93	310.63	4.506		
13,800.00	7,281.83	13,387.46	7,187.36	107.12	209.25	85.43	1,197.18	-5,676.88	1,399.55	1,083.88	315.68	4.434		
13,900.00	7,281.13	13,487.46	7,186.13	108.77	212.66	85.41	1,196.27	-5,776.87	1,399.54	1,078.82	320.73	4.364		
14,000.00	7,280.43	13,587.46	7,184.89	110.42	216.08	85.39	1,195.36	-5,876.86	1,399.54	1,073.76	325.78	4.296		
14,100.00	7,279.73	13,687.46	7,183.65	112.07	219.50	85.37	1,194.45	-5,976.84	1,399.53	1,068.70	330.83	4.230		
14,200.00	7,279.03	13,787.46	7,182.41	113.72	222.92	85.34	1,193.54	-6,076.83	1,399.52	1,063.64	335.88	4.167		
14,300.00	7,278.33	13,887.46	7,181.17	115.37	226.34	85.32	1,192.64	-6,176.82	1,399.51	1,058.58	340.93	4.105		
14,400.00	7,277.63	13,987.46	7,179.93	117.03	229.76	85.30	1,191.73	-6,276.80	1,399.50	1,053.51	345.99	4.045		
14,500.00	7,276.93	14,087.45	7,178.69	118.68	233.18	85.28	1,190.82	-6,376.79	1,399.50	1,048.45	351.04	3.987		
14,600.00	7,276.23	14,187.45	7,177.45	120.33	236.60	85.25	1,189.91	-6,476.78	1,399.49	1,043.39	356.10	3.930		
14,700.00	7,275.53	14,287.45	7,176.21	121.99	240.02	85.23	1,189.00	-6,576.76	1,399.48	1,038.33	361.16	3.875		
14,800.00	7,274.83	14,387.45	7,174.97	123.64	243.44	85.21	1,188.10	-6,676.75	1,399.47	1,033.26	366.21	3.821		
14,900.00	7,274.13	14,487.45	7,173.73	125.30	246.86	85.19	1,187.19	-6,776.74	1,399.47	1,028.20	371.27	3.769		
15,000.00	7,273.43	14,587.45	7,172.49	126.96	250.29	85.17	1,186.28	-6,876.72	1,399.46	1,023.13	376.33	3.719		
15,100.00	7,272.74	14,687.45	7,171.26	128.61	253.71	85.14	1,185.37	-6,976.71	1,399.45	1,018.07	381.39	3.669		
15,200.00	7,272.04	14,787.44	7,170.02	130.27	257.13	85.12	1,184.46	-7,076.70	1,399.45	1,013.00	386.45	3.621		
15,300.00	7,271.34	14,887.44	7,168.78	131.93	260.56	85.10	1,183.56	-7,176.69	1,399.44	1,007.93	391.51	3.574		
15,305.02	7,271.30	14,892.47	7,168.72	132.01	260.73	85.10	1,183.51	-7,181.71	1,399.44	1,007.68	391.76	3.572 ES, SF		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 99-SRC Energy_ISCWSA REV 2 MWD, 7771-SRC Energy_2" CONE 2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
11,300.00	7,299.32	7,612.26	7,316.25	66.27	44.73	91.74	354.60	-5,571.12	2,463.30	2,412.89	50.41	48.862	
11,400.00	7,298.62	7,612.06	7,316.05	67.88	44.73	91.72	354.61	-5,571.12	2,365.95	2,315.00	50.95	46.435	
11,500.00	7,297.93	7,611.86	7,315.85	69.50	44.73	91.69	354.61	-5,571.12	2,268.83	2,217.27	51.56	44.006	
11,600.00	7,297.23	7,611.66	7,315.65	71.11	44.73	91.67	354.62	-5,571.11	2,171.97	2,119.73	52.24	41.577	
11,700.00	7,296.53	7,611.46	7,315.45	72.73	44.73	91.65	354.62	-5,571.11	2,075.41	2,022.39	53.01	39.150	
11,800.00	7,295.83	7,611.27	7,315.26	74.35	44.73	91.63	354.62	-5,571.11	1,979.18	1,925.30	53.89	36.729	
11,900.00	7,295.13	7,611.07	7,315.06	75.97	44.73	91.61	354.63	-5,571.11	1,883.36	1,828.48	54.88	34.318	
12,000.00	7,294.43	7,610.88	7,314.87	77.60	44.73	91.59	354.63	-5,571.11	1,787.99	1,731.98	56.01	31.921	
12,100.00	7,293.73	7,610.69	7,314.68	79.23	44.73	91.57	354.64	-5,571.11	1,693.15	1,635.84	57.31	29.543	
12,200.00	7,293.03	7,610.50	7,314.49	80.86	44.73	91.55	354.64	-5,571.11	1,598.95	1,540.14	58.80	27.191	
12,300.00	7,292.33	7,610.30	7,314.29	82.49	44.73	91.53	354.65	-5,571.11	1,505.49	1,444.96	60.53	24.872	
12,400.00	7,291.63	7,610.12	7,314.11	84.12	44.73	91.51	354.65	-5,571.11	1,412.93	1,350.39	62.53	22.594	
12,500.00	7,290.93	7,609.93	7,313.92	85.76	44.73	91.49	354.65	-5,571.11	1,321.45	1,256.57	64.88	20.368	
12,600.00	7,290.23	7,609.74	7,313.73	87.39	44.73	91.47	354.66	-5,571.10	1,231.29	1,163.66	67.64	18.205	
12,700.00	7,289.53	7,609.55	7,313.54	89.03	44.73	91.46	354.66	-5,571.10	1,142.78	1,071.88	70.90	16.118	
12,800.00	7,288.83	7,609.37	7,313.36	90.67	44.73	91.44	354.67	-5,571.10	1,056.32	981.52	74.80	14.122	
12,900.00	7,288.13	7,609.18	7,313.17	92.31	44.73	91.42	354.67	-5,571.10	972.46	892.99	79.47	12.237	
13,000.00	7,287.43	7,609.00	7,312.99	93.95	44.73	91.40	354.67	-5,571.10	891.93	806.83	85.10	10.481	
13,100.00	7,286.73	7,608.82	7,312.81	95.59	44.73	91.38	354.68	-5,571.10	815.72	723.86	91.87	8.879	
13,200.00	7,286.03	7,608.63	7,312.63	97.24	44.73	91.36	354.68	-5,571.10	745.16	645.23	99.93	7.457	
13,300.00	7,285.33	7,608.45	7,312.44	98.88	44.73	91.34	354.69	-5,571.10	682.01	572.70	109.31	6.239	
13,400.00	7,284.63	7,608.27	7,312.26	100.53	44.73	91.32	354.69	-5,571.10	628.49	508.81	119.68	5.252	
13,500.00	7,283.93	7,608.10	7,312.09	102.17	44.73	91.30	354.69	-5,571.10	587.25	457.04	130.21	4.510	
13,600.00	7,283.23	7,607.92	7,311.91	103.82	44.73	91.29	354.70	-5,571.10	561.00	421.52	139.48	4.022	
13,700.00	7,282.53	7,607.74	7,311.73	105.47	44.73	91.27	354.70	-5,571.09	551.89	406.01	145.88	3.783	
13,700.68	7,282.53	7,607.74	7,311.73	105.48	44.73	91.27	354.70	-5,571.09	551.89	405.98	145.91	3.782 CC, ES	
13,800.00	7,281.83	7,607.56	7,311.55	107.12	44.73	91.25	354.71	-5,571.09	560.76	412.44	148.31	3.781 SF	
13,900.00	7,281.13	7,607.39	7,311.38	108.77	44.73	91.23	354.71	-5,571.09	586.78	439.95	146.83	3.996	
14,000.00	7,280.43	7,607.21	7,311.21	110.42	44.73	91.21	354.71	-5,571.09	627.83	485.40	142.43	4.408	
14,100.00	7,279.73	7,607.04	7,311.03	112.07	44.73	91.19	354.72	-5,571.09	681.20	544.80	136.40	4.994	
14,200.00	7,279.03	7,606.87	7,310.86	113.72	44.73	91.18	354.72	-5,571.09	744.25	614.45	129.80	5.734	
14,300.00	7,278.33	7,606.70	7,310.69	115.37	44.73	91.16	354.73	-5,571.09	814.72	691.43	123.29	6.608	
14,400.00	7,277.63	7,606.53	7,310.52	117.03	44.73	91.14	354.73	-5,571.09	890.86	773.63	117.23	7.599	
14,500.00	7,276.93	7,606.36	7,310.35	118.68	44.73	91.12	354.73	-5,571.09	971.33	859.59	111.75	8.692	
14,600.00	7,276.23	7,606.19	7,310.18	120.33	44.73	91.11	354.74	-5,571.09	1,055.16	948.28	106.87	9.873	
14,700.00	7,275.53	7,606.02	7,310.01	121.99	44.73	91.09	354.74	-5,571.09	1,141.58	1,039.02	102.57	11.130	
14,800.00	7,274.83	7,605.85	7,309.84	123.64	44.73	91.07	354.74	-5,571.09	1,230.07	1,131.30	98.77	12.453	
14,900.00	7,274.13	7,605.69	7,309.68	125.30	44.73	91.05	354.75	-5,571.08	1,320.20	1,224.77	95.44	13.833	
15,000.00	7,273.43	7,605.52	7,309.51	126.96	44.73	91.04	354.75	-5,571.08	1,411.67	1,319.17	92.49	15.262	
15,100.00	7,272.74	7,605.35	7,309.35	128.61	44.73	91.02	354.76	-5,571.08	1,504.22	1,414.32	89.89	16.733	
15,200.00	7,272.04	7,605.19	7,309.18	130.27	44.73	91.00	354.76	-5,571.08	1,597.66	1,510.08	87.59	18.241	
15,300.00	7,271.34	7,605.03	7,309.02	131.93	44.73	90.99	354.76	-5,571.08	1,691.86	1,606.32	85.54	19.779	
15,305.02	7,271.30	7,605.02	7,309.01	132.01	44.73	90.98	354.76	-5,571.08	1,696.61	1,611.17	85.44	19.857	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 98-SRC Energy_ISCWSA REV 2 MWD, 7771-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		
11,900.00	7,295.13	7,597.77	7,281.42	75.97	44.60	-83.83	-326.52	-6,242.70	2,481.41	2,420.82	60.59	40.954		
12,000.00	7,294.43	7,598.07	7,281.72	77.60	44.60	-83.97	-326.54	-6,242.70	2,381.54	2,320.81	60.74	39.211		
12,100.00	7,293.73	7,598.38	7,282.02	79.23	44.60	-84.11	-326.55	-6,242.71	2,281.69	2,220.80	60.89	37.471		
12,200.00	7,293.03	7,598.68	7,282.33	80.86	44.60	-84.25	-326.56	-6,242.71	2,181.84	2,120.78	61.06	35.733		
12,300.00	7,292.33	7,598.99	7,282.64	82.49	44.60	-84.39	-326.57	-6,242.71	2,082.01	2,020.77	61.24	33.997		
12,400.00	7,291.63	7,599.31	7,282.96	84.12	44.60	-84.54	-326.58	-6,242.72	1,982.20	1,920.76	61.44	32.263		
12,500.00	7,290.93	7,599.63	7,283.28	85.76	44.60	-84.69	-326.59	-6,242.72	1,882.41	1,820.75	61.66	30.530		
12,600.00	7,290.23	7,599.96	7,283.60	87.39	44.60	-84.84	-326.60	-6,242.72	1,782.64	1,720.74	61.90	28.800		
12,700.00	7,289.53	7,600.29	7,283.93	89.03	44.60	-84.99	-326.62	-6,242.73	1,682.90	1,620.73	62.17	27.070		
12,800.00	7,288.83	7,600.62	7,284.27	90.67	44.60	-85.14	-326.63	-6,242.73	1,583.19	1,520.71	62.47	25.342		
12,900.00	7,288.13	7,600.96	7,284.61	92.31	44.60	-85.30	-326.64	-6,242.73	1,483.51	1,420.69	62.82	23.614		
13,000.00	7,287.43	7,601.31	7,284.96	93.95	44.60	-85.46	-326.65	-6,242.74	1,383.89	1,320.66	63.23	21.887		
13,100.00	7,286.73	7,601.66	7,285.31	95.59	44.60	-85.62	-326.67	-6,242.74	1,284.33	1,220.62	63.71	20.160		
13,200.00	7,286.03	7,602.02	7,285.66	97.24	44.60	-85.79	-326.68	-6,242.74	1,184.83	1,120.56	64.28	18.433		
13,300.00	7,285.33	7,602.38	7,286.03	98.88	44.60	-85.96	-326.69	-6,242.75	1,085.44	1,020.46	64.98	16.705		
13,400.00	7,284.63	7,602.75	7,286.40	100.53	44.60	-86.13	-326.71	-6,242.75	986.16	920.31	65.85	14.977		
13,500.00	7,283.93	7,603.13	7,286.77	102.17	44.60	-86.30	-326.72	-6,242.76	887.04	820.08	66.96	13.248		
13,600.00	7,283.23	7,603.51	7,287.15	103.82	44.60	-86.47	-326.73	-6,242.76	788.15	719.74	68.42	11.520		
13,700.00	7,282.53	7,603.90	7,287.54	105.47	44.60	-86.65	-326.75	-6,242.76	689.58	619.19	70.39	9.797		
13,800.00	7,281.83	7,604.29	7,287.93	107.12	44.61	-86.83	-326.76	-6,242.77	591.49	518.33	73.16	8.085		
13,900.00	7,281.13	7,604.69	7,288.33	108.77	44.61	-87.02	-326.78	-6,242.77	494.16	416.95	77.21	6.400		
14,000.00	7,280.43	7,605.10	7,288.74	110.42	44.61	-87.21	-326.79	-6,242.78	398.16	314.71	83.45	4.771		
14,100.00	7,279.73	7,605.51	7,289.15	112.07	44.61	-87.40	-326.81	-6,242.78	304.74	211.08	93.66	3.254		
14,200.00	7,279.03	7,605.93	7,289.57	113.72	44.61	-87.59	-326.82	-6,242.79	217.26	105.95	111.31	1.952		
14,300.00	7,278.33	7,606.36	7,290.00	115.37	44.61	-87.79	-326.84	-6,242.79	146.75	8.17	138.58	1.059 Level 2		
14,378.33	7,277.78	7,606.70	7,290.34	116.67	44.61	-87.95	-326.85	-6,242.80	124.10	-22.61	146.71	0.846 Level 1, CC, ES, SF		
14,400.00	7,277.63	7,606.79	7,290.44	117.03	44.61	-87.99	-326.85	-6,242.80	125.98	-16.51	142.48	0.884 Level 1		
14,500.00	7,276.93	7,607.24	7,290.88	118.68	44.61	-88.20	-326.87	-6,242.80	173.79	60.26	113.53	1.531		
14,600.00	7,276.23	7,607.69	7,291.33	120.33	44.61	-88.40	-326.88	-6,242.81	254.04	159.61	94.44	2.690		
14,700.00	7,275.53	7,608.15	7,291.79	121.99	44.61	-88.62	-326.90	-6,242.81	344.78	260.91	83.87	4.111		
14,800.00	7,274.83	7,608.62	7,292.26	123.64	44.61	-88.83	-326.92	-6,242.82	439.55	361.83	77.73	5.655		
14,900.00	7,274.13	7,609.09	7,292.73	125.30	44.61	-89.05	-326.93	-6,242.82	536.23	462.30	73.92	7.254		
15,000.00	7,273.43	7,609.58	7,293.22	126.96	44.61	-89.28	-326.95	-6,242.83	633.93	562.49	71.44	8.874		
15,100.00	7,272.74	7,610.07	7,293.71	128.61	44.61	-89.50	-326.97	-6,242.83	732.26	662.51	69.75	10.498		
15,200.00	7,272.04	7,610.57	7,294.21	130.27	44.62	-89.74	-326.99	-6,242.84	830.98	762.41	68.57	12.119		
15,300.00	7,271.34	7,611.09	7,294.72	131.93	44.62	-89.97	-327.01	-6,242.84	929.98	862.25	67.73	13.732		
15,305.02	7,271.30	7,611.11	7,294.75	132.01	44.62	-89.98	-327.01	-6,242.84	934.96	867.27	67.69	13.812		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 128-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,600.00	7,290.23	7,390.10	7,299.01	87.39	27.85	91.00	346.31	-6,888.85	2,481.32	2,427.00	54.32	45.682		
12,700.00	7,289.53	7,389.70	7,298.60	89.03	27.85	90.96	346.31	-6,888.85	2,383.95	2,328.77	55.19	43.197		
12,800.00	7,288.83	7,389.30	7,298.20	90.67	27.85	90.92	346.32	-6,888.85	2,286.82	2,230.67	56.15	40.729		
12,900.00	7,288.13	7,388.90	7,297.80	92.31	27.85	90.88	346.32	-6,888.85	2,189.94	2,132.73	57.20	38.283		
13,000.00	7,287.43	7,388.50	7,297.41	93.95	27.84	90.84	346.32	-6,888.85	2,093.35	2,034.98	58.37	35.861		
13,100.00	7,286.73	7,388.11	7,297.01	95.59	27.84	90.80	346.32	-6,888.84	1,997.10	1,937.43	59.67	33.467		
13,200.00	7,286.03	7,387.72	7,296.62	97.24	27.84	90.76	346.32	-6,888.84	1,901.24	1,840.12	61.12	31.107		
13,300.00	7,285.33	7,387.33	7,296.24	98.88	27.84	90.72	346.32	-6,888.84	1,805.83	1,743.09	62.73	28.785		
13,400.00	7,284.63	7,386.95	7,295.85	100.53	27.84	90.68	346.32	-6,888.84	1,710.94	1,646.39	64.55	26.508		
13,500.00	7,283.93	7,386.57	7,295.47	102.17	27.84	90.64	346.32	-6,888.84	1,616.66	1,550.08	66.58	24.281		
13,600.00	7,283.23	7,386.19	7,295.10	103.82	27.84	90.60	346.32	-6,888.84	1,523.12	1,454.24	68.88	22.113		
13,700.00	7,282.53	7,385.82	7,294.72	105.47	27.84	90.56	346.32	-6,888.84	1,430.45	1,358.97	71.49	20.010		
13,800.00	7,281.83	7,385.44	7,294.35	107.12	27.84	90.52	346.32	-6,888.84	1,338.84	1,264.39	74.45	17.983		
13,900.00	7,281.13	7,385.08	7,293.98	108.77	27.84	90.48	346.32	-6,888.83	1,248.51	1,170.67	77.84	16.040		
14,000.00	7,280.43	7,384.71	7,293.61	110.42	27.84	90.44	346.32	-6,888.83	1,159.77	1,078.05	81.72	14.192		
14,100.00	7,279.73	7,384.34	7,293.25	112.07	27.84	90.41	346.32	-6,888.83	1,073.02	986.84	86.18	12.451		
14,200.00	7,279.03	7,383.98	7,292.89	113.72	27.84	90.37	346.32	-6,888.83	988.77	897.46	91.31	10.829		
14,300.00	7,278.33	7,383.62	7,292.53	115.37	27.84	90.33	346.32	-6,888.83	907.72	810.52	97.20	9.339		
14,400.00	7,277.63	7,383.27	7,292.17	117.03	27.84	90.30	346.32	-6,888.83	830.81	726.89	103.92	7.995		
14,500.00	7,276.93	7,382.92	7,291.82	118.68	27.84	90.26	346.32	-6,888.83	759.30	647.81	111.49	6.811		
14,600.00	7,276.23	7,382.57	7,291.47	120.33	27.83	90.22	346.32	-6,888.83	694.86	575.07	119.78	5.801		
14,700.00	7,275.53	7,382.22	7,291.12	121.99	27.83	90.19	346.32	-6,888.82	639.63	511.17	128.46	4.979		
14,800.00	7,274.83	7,381.87	7,290.78	123.64	27.83	90.15	346.33	-6,888.82	596.16	459.35	136.81	4.358		
14,900.00	7,274.13	7,381.53	7,290.43	125.30	27.83	90.12	346.33	-6,888.82	567.19	423.39	143.80	3.944		
15,000.00	7,273.43	7,381.19	7,290.09	126.96	27.83	90.08	346.33	-6,888.82	554.97	406.74	148.23	3.744		
15,018.55	7,273.31	7,381.12	7,290.03	127.26	27.83	90.07	346.33	-6,888.82	554.66	405.97	148.69	3.730 CC, ES, SF		
15,100.00	7,272.74	7,380.85	7,289.75	128.61	27.83	90.05	346.33	-6,888.82	560.61	411.34	149.28	3.756		
15,200.00	7,272.04	7,380.51	7,289.42	130.27	27.83	90.01	346.33	-6,888.82	583.59	436.65	146.94	3.972		
15,300.00	7,271.34	7,380.18	7,289.08	131.93	27.83	89.98	346.33	-6,888.82	621.99	479.98	142.01	4.380		
15,305.02	7,271.30	7,380.16	7,289.07	132.01	27.83	89.98	346.33	-6,888.82	624.28	482.56	141.71	4.405		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> 7N-67W-36 Offsets Incomplete - Baldridge 7-1 - SRC PR Well - Actual Ensign Surveys												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 126-SRC Energy_ISCWSA REV 2 MWD, 7896-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	
12,700.00	7,289.53	7,794.60	7,322.11	89.03	52.44	-92.50	-967.67	-6,917.57	2,477.68	2,393.46	84.22	29.420	
12,800.00	7,288.83	7,793.30	7,320.81	90.67	52.44	-92.40	-967.68	-6,917.58	2,382.69	2,297.24	85.45	27.884	
12,900.00	7,288.13	7,792.01	7,319.52	92.31	52.44	-92.30	-967.68	-6,917.58	2,288.14	2,201.34	86.79	26.363	
13,000.00	7,287.43	7,790.72	7,318.23	93.95	52.44	-92.20	-967.69	-6,917.59	2,194.06	2,105.80	88.26	24.860	
13,100.00	7,286.73	7,789.44	7,316.95	95.59	52.44	-92.11	-967.70	-6,917.60	2,100.53	2,010.67	89.86	23.377	
13,200.00	7,286.03	7,788.16	7,315.67	97.24	52.44	-92.01	-967.70	-6,917.60	2,007.62	1,916.01	91.61	21.916	
13,300.00	7,285.33	7,786.89	7,314.40	98.88	52.43	-91.91	-967.71	-6,917.61	1,915.43	1,821.90	93.52	20.481	
13,400.00	7,284.63	7,785.63	7,313.14	100.53	52.43	-91.82	-967.71	-6,917.62	1,824.05	1,728.43	95.62	19.075	
13,500.00	7,283.93	7,784.37	7,311.88	102.17	52.43	-91.72	-967.72	-6,917.63	1,733.63	1,635.70	97.93	17.703	
13,600.00	7,283.23	7,783.12	7,310.63	103.82	52.43	-91.63	-967.72	-6,917.63	1,644.32	1,543.86	100.47	16.367	
13,700.00	7,282.53	7,781.87	7,309.38	105.47	52.43	-91.54	-967.73	-6,917.64	1,556.31	1,453.06	103.25	15.073	
13,800.00	7,281.83	7,780.63	7,308.14	107.12	52.43	-91.44	-967.73	-6,917.65	1,469.83	1,363.52	106.31	13.826	
13,900.00	7,281.13	7,779.39	7,306.90	108.77	52.43	-91.35	-967.74	-6,917.65	1,385.17	1,275.50	109.67	12.630	
14,000.00	7,280.43	7,778.16	7,305.67	110.42	52.43	-91.26	-967.75	-6,917.66	1,302.69	1,189.34	113.35	11.493	
14,100.00	7,279.73	7,776.94	7,304.45	112.07	52.43	-91.16	-967.75	-6,917.67	1,222.82	1,105.47	117.35	10.420	
14,200.00	7,279.03	7,775.72	7,303.23	113.72	52.43	-91.07	-967.76	-6,917.67	1,146.12	1,024.44	121.68	9.419	
14,300.00	7,278.33	7,774.50	7,302.01	115.37	52.42	-90.98	-967.76	-6,917.68	1,073.25	946.96	126.29	8.498	
14,400.00	7,277.63	7,773.29	7,300.81	117.03	52.42	-90.89	-967.77	-6,917.69	1,005.07	873.93	131.13	7.664	
14,500.00	7,276.93	7,772.09	7,299.60	118.68	52.42	-90.80	-967.78	-6,917.69	942.57	806.51	136.07	6.927	
14,600.00	7,276.23	7,770.89	7,298.41	120.33	52.42	-90.71	-967.78	-6,917.70	886.97	746.08	140.90	6.295	
14,700.00	7,275.53	7,769.70	7,297.21	121.99	52.42	-90.62	-967.79	-6,917.70	839.64	694.28	145.36	5.776	
14,800.00	7,274.83	7,768.51	7,296.03	123.64	52.42	-90.53	-967.79	-6,917.71	802.04	652.87	149.17	5.377	
14,900.00	7,274.13	7,767.33	7,294.84	125.30	52.42	-90.44	-967.80	-6,917.72	775.59	623.51	152.08	5.100	
15,000.00	7,273.43	7,766.16	7,293.67	126.96	52.42	-90.35	-967.81	-6,917.72	761.45	607.44	154.01	4.944	
15,058.68	7,273.02	7,765.47	7,292.98	127.93	52.42	-90.30	-967.81	-6,917.73	759.19	604.47	154.72	4.907 CC, ES	
15,100.00	7,272.74	7,764.98	7,292.50	128.61	52.42	-90.26	-967.81	-6,917.73	760.31	605.27	155.05	4.904 SF	
15,200.00	7,272.04	7,763.82	7,291.33	130.27	52.42	-90.17	-967.82	-6,917.73	772.23	616.95	155.28	4.973	
15,300.00	7,271.34	7,762.66	7,290.17	131.93	52.42	-90.09	-967.82	-6,917.74	796.61	641.92	154.69	5.150	
15,305.02	7,271.30	7,762.60	7,290.11	132.01	52.42	-90.08	-967.82	-6,917.74	798.15	643.51	154.64	5.161	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys													Offset Site Error:	0.00 usft
Survey Program: 98-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		
11,400.00	7,298.62	7,867.47	7,293.90	67.88	64.86	-89.58	-972.39	-5,560.27	2,428.46	2,337.67	90.79	26.748		
11,500.00	7,297.93	7,867.22	7,293.65	69.50	64.86	-89.57	-972.39	-5,560.27	2,333.91	2,241.84	92.08	25.348		
11,600.00	7,297.23	7,866.98	7,293.41	71.11	64.86	-89.55	-972.39	-5,560.26	2,239.84	2,146.36	93.48	23.960		
11,700.00	7,296.53	7,866.74	7,293.17	72.73	64.85	-89.53	-972.38	-5,560.26	2,146.30	2,051.29	95.02	22.588		
11,800.00	7,295.83	7,866.51	7,292.94	74.35	64.85	-89.51	-972.38	-5,560.26	2,053.38	1,956.67	96.70	21.234		
11,900.00	7,295.13	7,866.28	7,292.71	75.97	64.85	-89.50	-972.38	-5,560.26	1,961.14	1,862.60	98.55	19.901		
12,000.00	7,294.43	7,866.06	7,292.49	77.60	64.85	-89.48	-972.38	-5,560.26	1,869.71	1,769.14	100.57	18.591		
12,100.00	7,293.73	7,865.84	7,292.27	79.23	64.85	-89.46	-972.37	-5,560.26	1,779.20	1,676.41	102.79	17.309		
12,200.00	7,293.03	7,865.62	7,292.05	80.86	64.85	-89.45	-972.37	-5,560.26	1,689.76	1,584.53	105.22	16.059		
12,300.00	7,292.33	7,865.41	7,291.84	82.49	64.85	-89.43	-972.37	-5,560.26	1,601.56	1,493.67	107.90	14.843		
12,400.00	7,291.63	7,865.20	7,291.63	84.12	64.85	-89.42	-972.36	-5,560.26	1,514.84	1,404.01	110.83	13.669		
12,500.00	7,290.93	7,865.00	7,291.43	85.76	64.85	-89.40	-972.36	-5,560.25	1,429.85	1,315.82	114.03	12.539		
12,600.00	7,290.23	7,864.80	7,291.23	87.39	64.85	-89.39	-972.36	-5,560.25	1,346.92	1,229.40	117.53	11.461		
12,700.00	7,289.53	7,864.62	7,291.05	89.03	64.85	-89.37	-972.35	-5,560.26	1,266.46	1,145.15	121.31	10.439		
12,800.00	7,288.83	7,864.52	7,290.95	90.67	64.85	-89.37	-972.35	-5,560.26	1,188.97	1,063.59	125.39	9.482		
12,900.00	7,288.13	7,864.42	7,290.85	92.31	64.85	-89.36	-972.35	-5,560.25	1,115.07	985.37	129.70	8.597		
13,000.00	7,287.43	7,864.32	7,290.75	93.95	64.85	-89.35	-972.35	-5,560.25	1,045.52	911.34	134.18	7.792		
13,100.00	7,286.73	7,864.21	7,290.64	95.59	64.85	-89.34	-972.35	-5,560.25	981.25	842.56	138.69	7.075		
13,200.00	7,286.03	7,864.11	7,290.54	97.24	64.85	-89.34	-972.35	-5,560.25	923.35	780.35	143.00	6.457		
13,300.00	7,285.33	7,864.00	7,290.43	98.88	64.85	-89.33	-972.34	-5,560.25	873.10	726.31	146.79	5.948		
13,400.00	7,284.63	7,863.89	7,290.32	100.53	64.85	-89.32	-972.34	-5,560.25	831.89	682.21	149.67	5.558		
13,500.00	7,283.93	7,863.78	7,290.21	102.17	64.85	-89.31	-972.34	-5,560.25	801.10	649.89	151.21	5.298		
13,600.00	7,283.23	7,863.67	7,290.10	103.82	64.85	-89.30	-972.34	-5,560.25	781.98	630.94	151.05	5.177 SF		
13,700.00	7,282.53	7,863.56	7,289.99	105.47	64.85	-89.30	-972.34	-5,560.25	775.39	626.34	149.04	5.202 ES		
13,701.35	7,282.52	7,863.56	7,289.99	105.49	64.85	-89.30	-972.34	-5,560.25	775.39	626.38	149.00	5.204 CC		
13,800.00	7,281.83	7,863.44	7,289.88	107.12	64.85	-89.29	-972.34	-5,560.25	781.64	636.24	145.40	5.376		
13,900.00	7,281.13	7,863.33	7,289.76	108.77	64.85	-89.28	-972.34	-5,560.25	800.43	659.80	140.63	5.692		
14,000.00	7,280.43	7,863.21	7,289.64	110.42	64.85	-89.27	-972.33	-5,560.25	830.91	695.47	135.44	6.135		
14,100.00	7,279.73	7,863.09	7,289.52	112.07	64.85	-89.26	-972.33	-5,560.25	871.86	741.39	130.47	6.683		
14,200.00	7,279.03	7,862.97	7,289.40	113.72	64.85	-89.25	-972.33	-5,560.25	921.89	795.80	126.08	7.312		
14,300.00	7,278.33	7,862.85	7,289.28	115.37	64.85	-89.24	-972.33	-5,560.25	979.59	857.22	122.37	8.005		
14,400.00	7,277.63	7,862.73	7,289.16	117.03	64.85	-89.23	-972.33	-5,560.25	1,043.71	924.46	119.25	8.752		
14,500.00	7,276.93	7,862.60	7,289.04	118.68	64.85	-89.23	-972.33	-5,560.24	1,113.13	996.55	116.58	9.548		
14,600.00	7,276.23	7,862.48	7,288.91	120.33	64.85	-89.22	-972.33	-5,560.24	1,186.93	1,072.68	114.25	10.389		
14,700.00	7,275.53	7,862.35	7,288.78	121.99	64.85	-89.21	-972.32	-5,560.24	1,264.33	1,152.14	112.19	11.270		
14,800.00	7,274.83	7,862.22	7,288.65	123.64	64.85	-89.20	-972.32	-5,560.24	1,344.71	1,234.37	110.34	12.187		
14,900.00	7,274.13	7,862.09	7,288.52	125.30	64.85	-89.19	-972.32	-5,560.24	1,427.58	1,318.90	108.68	13.136		
15,000.00	7,273.43	7,861.95	7,288.39	126.96	64.85	-89.18	-972.32	-5,560.24	1,512.52	1,405.35	107.17	14.113		
15,100.00	7,272.74	7,861.82	7,288.25	128.61	64.85	-89.17	-972.32	-5,560.24	1,599.20	1,493.40	105.80	15.115		
15,200.00	7,272.04	7,861.68	7,288.11	130.27	64.85	-89.16	-972.32	-5,560.24	1,687.36	1,582.80	104.55	16.139		
15,300.00	7,271.34	7,861.54	7,287.97	131.93	64.85	-89.15	-972.31	-5,560.24	1,776.77	1,673.35	103.42	17.180		
15,305.02	7,271.30	7,861.54	7,287.97	132.01	64.85	-89.15	-972.31	-5,560.24	1,781.29	1,677.92	103.36	17.233		

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.00 usft
Survey Program: 96-SRC Energy_ISCWSA REV 2 MWD												<b>Offset Well Error:</b>	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
12,100.00	7,293.73	7,603.63	7,346.02	79.23	40.00	91.41	1,686.95	-5,567.16	2,462.49	2,362.28	100.21	24.574	
12,200.00	7,293.03	7,603.39	7,345.78	80.86	40.00	91.40	1,686.96	-5,567.16	2,399.34	2,296.05	103.29	23.229	
12,300.00	7,292.33	7,603.15	7,345.54	82.49	40.00	91.40	1,686.96	-5,567.16	2,338.77	2,232.31	106.46	21.969	
12,400.00	7,291.63	7,602.91	7,345.30	84.12	40.00	91.39	1,686.97	-5,567.15	2,280.97	2,171.28	109.69	20.795	
12,500.00	7,290.93	7,602.67	7,345.06	85.76	40.00	91.38	1,686.97	-5,567.15	2,226.16	2,113.19	112.97	19.707	
12,600.00	7,290.23	7,602.43	7,344.82	87.39	40.00	91.37	1,686.98	-5,567.15	2,174.57	2,058.30	116.27	18.703	
12,700.00	7,289.53	7,602.19	7,344.58	89.03	40.00	91.37	1,686.98	-5,567.15	2,126.44	2,006.86	119.58	17.783	
12,800.00	7,288.83	7,601.95	7,344.34	90.67	40.00	91.36	1,686.99	-5,567.15	2,082.00	1,959.14	122.86	16.946	
12,900.00	7,288.13	7,601.71	7,344.10	92.31	40.00	91.35	1,686.99	-5,567.15	2,041.49	1,915.42	126.08	16.192	
13,000.00	7,287.43	7,601.46	7,343.85	93.95	40.00	91.34	1,687.00	-5,567.15	2,005.16	1,875.97	129.20	15.520	
13,100.00	7,286.73	7,601.22	7,343.61	95.59	39.99	91.34	1,687.00	-5,567.15	1,973.23	1,841.06	132.18	14.929	
13,200.00	7,286.03	7,600.98	7,343.37	97.24	39.99	91.33	1,687.01	-5,567.15	1,945.93	1,810.95	134.98	14.417	
13,300.00	7,285.33	7,600.73	7,343.12	98.88	39.99	91.32	1,687.02	-5,567.15	1,923.44	1,785.88	137.56	13.983	
13,400.00	7,284.63	7,600.49	7,342.88	100.53	39.99	91.31	1,687.02	-5,567.14	1,905.93	1,766.05	139.88	13.625	
13,500.00	7,283.93	7,600.24	7,342.63	102.17	39.99	91.31	1,687.03	-5,567.14	1,893.56	1,751.65	141.91	13.343	
13,600.00	7,283.23	7,599.99	7,342.38	103.82	39.99	91.30	1,687.03	-5,567.14	1,886.41	1,742.80	143.61	13.135	
13,685.11	7,282.64	7,599.78	7,342.17	105.22	39.99	91.29	1,687.04	-5,567.14	1,884.49	1,739.70	144.79	13.015 CC	
13,700.00	7,282.53	7,599.75	7,342.14	105.47	39.99	91.29	1,687.04	-5,567.14	1,884.55	1,739.57	144.97	12.999 ES	
13,800.00	7,281.83	7,599.50	7,341.89	107.12	39.99	91.28	1,687.04	-5,567.14	1,887.99	1,742.01	145.98	12.933 SF	
13,900.00	7,281.13	7,599.25	7,341.64	108.77	39.99	91.28	1,687.05	-5,567.14	1,896.70	1,750.08	146.62	12.936	
14,000.00	7,280.43	7,599.00	7,341.39	110.42	39.99	91.27	1,687.05	-5,567.14	1,910.62	1,763.71	146.91	13.006	
14,100.00	7,279.73	7,598.75	7,341.14	112.07	39.99	91.26	1,687.06	-5,567.14	1,929.62	1,782.76	146.86	13.140	
14,200.00	7,279.03	7,598.50	7,340.89	113.72	39.99	91.25	1,687.07	-5,567.14	1,953.56	1,807.08	146.49	13.336	
14,300.00	7,278.33	7,598.25	7,340.64	115.37	39.99	91.25	1,687.07	-5,567.14	1,982.27	1,836.44	145.83	13.593	
14,400.00	7,277.63	7,598.00	7,340.39	117.03	39.99	91.24	1,687.08	-5,567.13	2,015.53	1,870.62	144.91	13.909	
14,500.00	7,276.93	7,597.75	7,340.14	118.68	39.99	91.23	1,687.08	-5,567.13	2,053.13	1,909.36	143.77	14.281	
14,600.00	7,276.23	7,597.49	7,339.88	120.33	39.99	91.22	1,687.09	-5,567.13	2,094.83	1,952.39	142.44	14.707	
14,700.00	7,275.53	7,597.24	7,339.63	121.99	39.99	91.22	1,687.09	-5,567.13	2,140.39	1,999.44	140.96	15.185	
14,800.00	7,274.83	7,596.98	7,339.38	123.64	39.99	91.21	1,687.10	-5,567.13	2,189.58	2,050.23	139.35	15.712	
14,900.00	7,274.13	7,596.73	7,339.12	125.30	39.99	91.20	1,687.11	-5,567.13	2,242.15	2,104.49	137.66	16.288	
15,000.00	7,273.43	7,596.47	7,338.87	126.96	39.99	91.19	1,687.11	-5,567.13	2,297.87	2,161.98	135.90	16.909	
15,100.00	7,272.74	7,596.22	7,338.61	128.61	39.99	91.19	1,687.12	-5,567.13	2,356.52	2,222.42	134.10	17.573	
15,200.00	7,272.04	7,595.96	7,338.35	130.27	39.99	91.18	1,687.12	-5,567.13	2,417.88	2,285.61	132.28	18.279	
15,300.00	7,271.34	7,595.70	7,338.09	131.93	39.99	91.17	1,687.13	-5,567.13	2,481.76	2,351.31	130.45	19.024	
15,305.02	7,271.30	7,595.69	7,338.08	132.01	39.99	91.17	1,687.13	-5,567.13	2,485.03	2,354.67	130.36	19.063	

# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 93-SRC Energy_ISCWSA REV 2 MWD													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
12,300.00	7,292.33	7,341.53	7,270.90	82.49	25.76	88.95	1,109.66	-6,224.80	2,432.63	2,363.90	68.74	35.390		
12,400.00	7,291.63	7,343.10	7,272.46	84.12	25.76	89.02	1,109.65	-6,224.84	2,349.06	2,277.90	71.16	33.011		
12,500.00	7,290.93	7,344.66	7,274.03	85.76	25.76	89.08	1,109.64	-6,224.88	2,266.81	2,193.06	73.75	30.736		
12,600.00	7,290.23	7,346.24	7,275.60	87.39	25.77	89.15	1,109.63	-6,224.91	2,186.04	2,109.52	76.52	28.568		
12,700.00	7,289.53	7,347.81	7,277.18	89.03	25.77	89.22	1,109.62	-6,224.95	2,106.92	2,027.44	79.48	26.509		
12,800.00	7,288.83	7,349.39	7,278.76	90.67	25.77	89.29	1,109.61	-6,224.98	2,029.65	1,947.01	82.64	24.560		
12,900.00	7,288.13	7,350.98	7,280.35	92.31	25.77	89.36	1,109.60	-6,225.02	1,954.43	1,868.43	86.00	22.725		
13,000.00	7,287.43	7,352.57	7,281.94	93.95	25.78	89.43	1,109.59	-6,225.06	1,881.52	1,791.94	89.58	21.004		
13,100.00	7,286.73	7,354.17	7,283.53	95.59	25.78	89.50	1,109.58	-6,225.09	1,811.20	1,717.84	93.36	19.399		
13,200.00	7,286.03	7,355.77	7,285.13	97.24	25.78	89.57	1,109.57	-6,225.13	1,743.78	1,646.43	97.35	17.912		
13,300.00	7,285.33	7,357.37	7,286.74	98.88	25.78	89.64	1,109.56	-6,225.17	1,679.61	1,578.08	101.53	16.542		
13,400.00	7,284.63	7,358.98	7,288.35	100.53	25.79	89.71	1,109.55	-6,225.20	1,619.08	1,513.20	105.88	15.292		
13,500.00	7,283.93	7,360.60	7,289.96	102.17	25.79	89.78	1,109.54	-6,225.24	1,562.60	1,452.25	110.35	14.160		
13,600.00	7,283.23	7,362.22	7,291.58	103.82	25.79	89.85	1,109.53	-6,225.28	1,510.64	1,395.73	114.91	13.146		
13,700.00	7,282.53	7,363.84	7,293.20	105.47	25.79	89.92	1,109.52	-6,225.31	1,463.67	1,344.20	119.47	12.251		
13,800.00	7,281.83	7,365.47	7,294.83	107.12	25.80	89.99	1,109.50	-6,225.35	1,422.18	1,298.23	123.95	11.474		
13,900.00	7,281.13	7,367.10	7,296.46	108.77	25.80	90.06	1,109.49	-6,225.39	1,386.68	1,258.43	128.25	10.812		
14,000.00	7,280.43	7,368.74	7,298.10	110.42	25.80	90.14	1,109.48	-6,225.43	1,357.64	1,225.37	132.26	10.265		
14,100.00	7,279.73	7,370.38	7,299.74	112.07	25.80	90.21	1,109.47	-6,225.46	1,335.46	1,199.60	135.86	9.830		
14,200.00	7,279.03	7,372.03	7,301.39	113.72	25.81	90.28	1,109.46	-6,225.50	1,320.50	1,181.57	138.93	9.505		
14,300.00	7,278.33	7,373.69	7,303.05	115.37	25.81	90.35	1,109.45	-6,225.54	1,313.01	1,171.63	141.38	9.287		
14,348.70	7,277.99	7,374.49	7,303.85	116.18	25.81	90.39	1,109.44	-6,225.56	1,312.10	1,169.78	142.33	9.219 CC, ES		
14,400.00	7,277.63	7,375.34	7,304.70	117.03	25.81	90.42	1,109.44	-6,225.58	1,313.10	1,169.96	143.14	9.173		
14,500.00	7,276.93	7,377.01	7,306.37	118.68	25.81	90.50	1,109.43	-6,225.62	1,320.79	1,176.61	144.19	9.160 SF		
14,600.00	7,276.23	7,378.68	7,308.03	120.33	25.82	90.57	1,109.41	-6,225.66	1,335.94	1,191.42	144.52	9.244		
14,700.00	7,275.53	7,380.35	7,309.71	121.99	25.82	90.64	1,109.40	-6,225.70	1,358.30	1,214.12	144.18	9.421		
14,800.00	7,274.83	7,382.03	7,311.39	123.64	25.82	90.72	1,109.39	-6,225.73	1,387.53	1,244.28	143.24	9.687		
14,900.00	7,274.13	7,383.71	7,313.07	125.30	25.82	90.79	1,109.38	-6,225.77	1,423.19	1,281.40	141.79	10.037		
15,000.00	7,273.43	7,385.40	7,314.76	126.96	25.83	90.86	1,109.37	-6,225.81	1,464.82	1,324.90	139.92	10.469		
15,100.00	7,272.74	7,387.09	7,316.45	128.61	25.83	90.94	1,109.35	-6,225.85	1,511.92	1,374.19	137.73	10.978		
15,200.00	7,272.04	7,388.79	7,318.15	130.27	25.83	91.01	1,109.34	-6,225.89	1,564.01	1,428.70	135.31	11.559		
15,300.00	7,271.34	7,390.50	7,319.85	131.93	25.83	91.09	1,109.33	-6,225.93	1,620.60	1,487.85	132.74	12.209		
15,305.02	7,271.30	7,390.58	7,319.94	132.01	25.83	91.09	1,109.33	-6,225.93	1,623.55	1,490.94	132.61	12.243		



# Hewlett-Packard

## Anticollision Report

<b>Company:</b>	SRC ENERGY	<b>Local Co-ordinate Reference:</b>	Well GOLDEN EAGLE 21C-1-M
<b>Project:</b>	WELD COUNTY (NAD83, TRUE NORTH)	<b>TVD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Reference Site:</b>	6N-66W-06 GOLDEN EAGLE 1-6 PAD	<b>MD Reference:</b>	RKB = 4' @ 4876.00usft (IKON 12)
<b>Site Error:</b>	0.00 usft	<b>North Reference:</b>	True
<b>Reference Well:</b>	GOLDEN EAGLE 21C-1-M	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	3.28 usft	<b>Output errors are at</b>	2.45 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	EDM 5000.14 Single User Db
<b>Reference Design:</b>	Design #2	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to RKB = 4' @ 4876.00usft (IKON 12)

Offset Depths are relative to Offset Datum

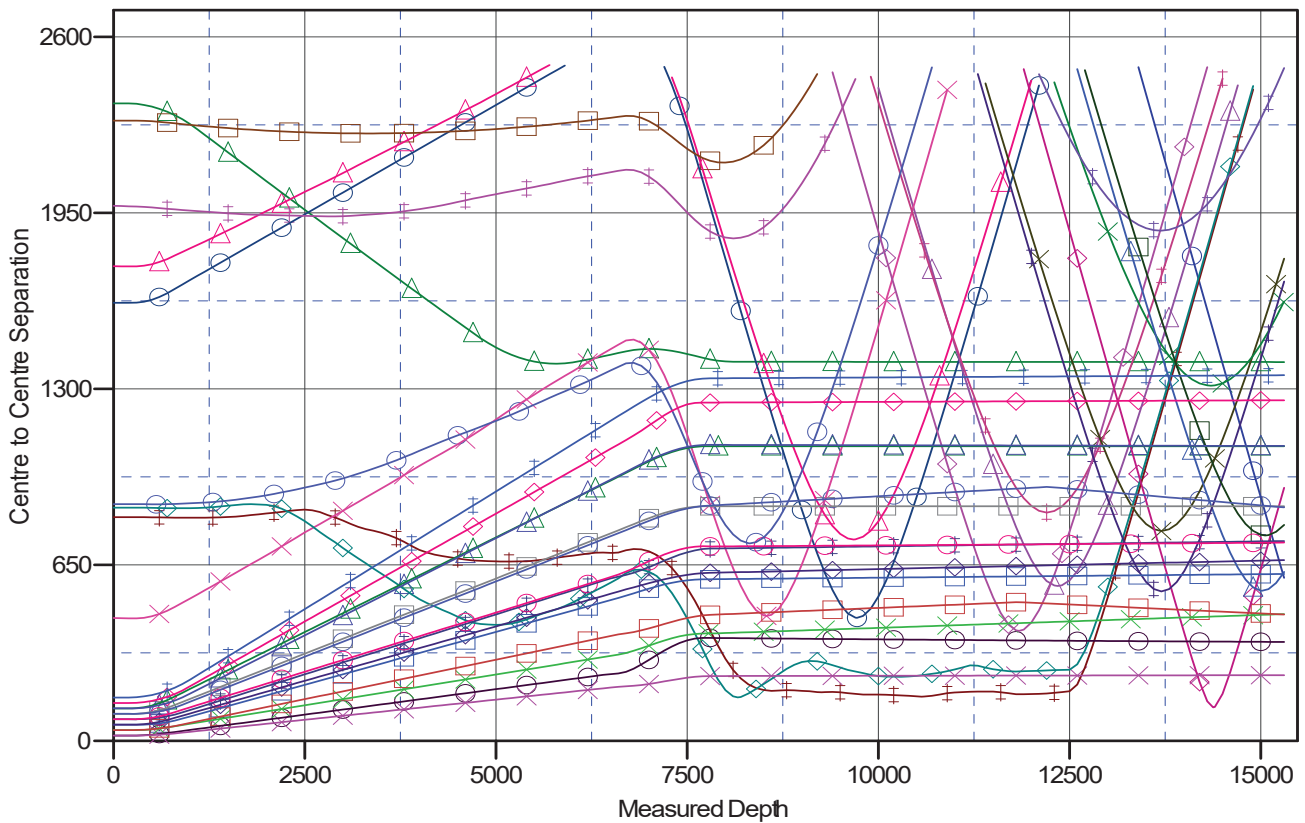
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 21C-1-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.44°

### Ladder Plot



### LEGEND

Schneider X-31-36HN PCD Planned Well (Planned Ensign Survey) V0	HKS6-25 Noble SI Well Actual VES Survey (Grid to True) V0	GOLDEN EAGLE 2N-1A-M, Wellbore #1, Design #1 V0
Simonsen 1Q-24-1, PCD PR Well Actual Ensign Survey V0	Baldrige 8-1, SRC PR Well Actual Ensign Survey V0	GOLDEN EAGLE 25C-1-M, Wellbore #1, Design #1 V0
Ced Farms PCD 6-67H Noble PR Well Actual DCC Survey (Grid to True) V0	Schneider 37-36, SRC PR Well Actual Ensign Survey V0	GOLDEN EAGLE 28N-1B-M, Wellbore #1, Design #1 V0
SBH1 Amnirmax P&A Well, No Survey V0	Baldrige 17-1, SRC PR Well Actual Ensign Survey V0	GOLDEN EAGLE 25N-1A-M, Wellbore #1, Design #1 V0
HKS6-22 Noble SI Well Actual VES Survey (Grid to True) V0	Baldrige 2-1, SRC PR Well Actual Ensign Survey V0	GOLDEN EAGLE 21N-1C-M, Wellbore #1, Design #1 V0
CEOL FARM 6-11, Noble P&A Well Actual VES Survey (Grid to True) V0	Baldrige 1-1, SRC PR Well Actual Ensign Survey V0	GOLDEN EAGLE 2N-1B-M, Wellbore #1, Design #1 V0
WEBER 6-5, Noble SI Well Actual Crested Survey (Grid to True) V0	Schneider 16-36, SRC PR Well Actual Ensign Survey V0	GOLDEN EAGLE 25N-1B-M, Wellbore #1, Design #1 V0
HKS6-23 Noble SI Well, No Survey V0	Baldrige 7-1, SRC PR Well Actual Ensign Survey V0	GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
CEOL FARM 6-41, PetroCanada DA Well, No Survey V0	GOLDEN EAGLE 28N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
CEOL FARM 6-14, Noble P&A Well Actual VES Survey (Grid to True) V0	GOLDEN EAGLE 7N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
Ced Farms PCD 6-68-1H Noble PR Well Actual DCC Survey (Grid to True) V0	GOLDEN EAGLE 7C-1-M, Wellbore #1, Design #1 V0	
CEOL FARM 6-41X, Noble P&A Well Actual VES Survey (Grid to True) V0	GOLDEN EAGLE 28C-1-M, Wellbore #1, Design #1 V0	



# Hewlett-Packard

## Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 21C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4876.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 21C-1-M	Survey Calculation Method:	Minimum Curvature
Well Error:	3.28 usft	Output errors are at	2.45 sigma
Reference Wellbore	Wellbore #1	Database:	EDM 5000.14 Single User Db
Reference Design:	Design #2	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4876.00usft (IKON 12)

Offset Depths are relative to Offset Datum

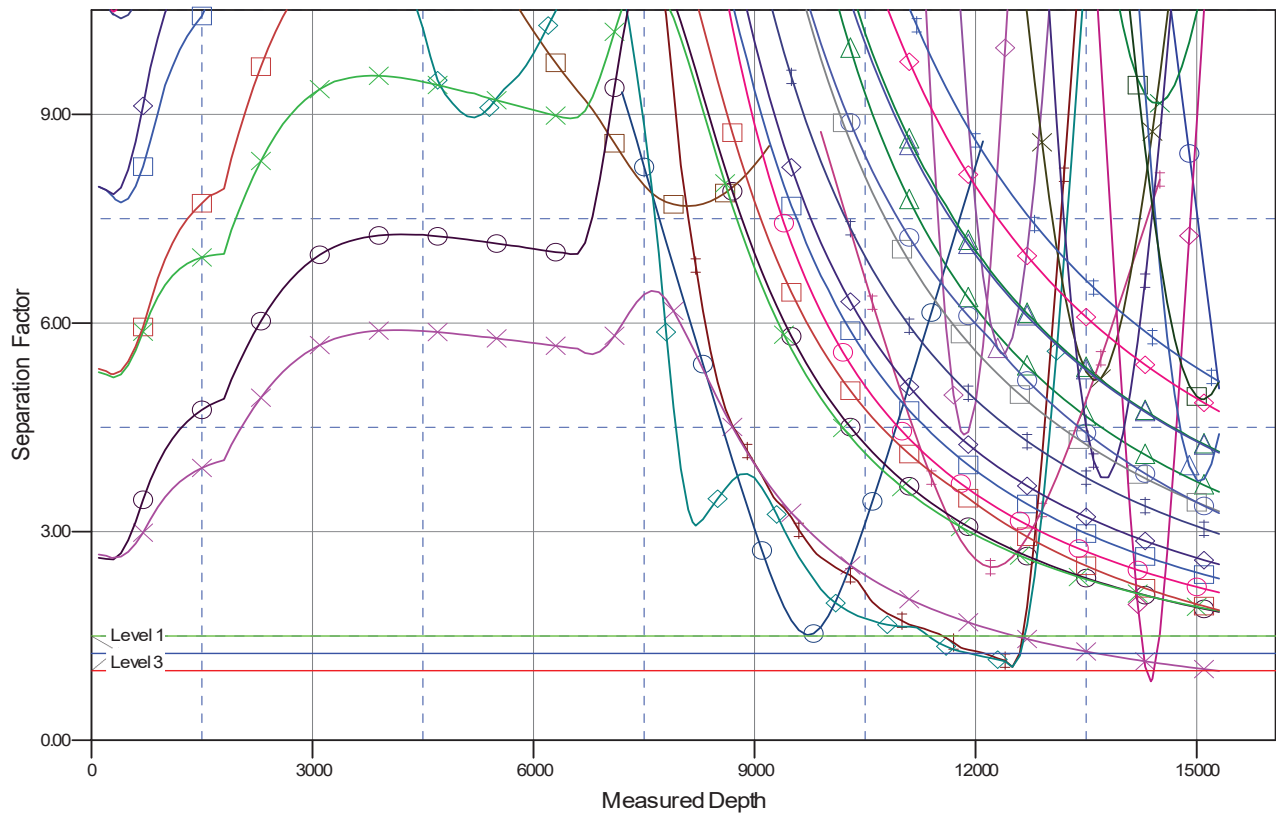
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 21C-1-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.44°

## Separation Factor Plot



### LEGEND

Schneider X-31-36HN PDC Planned Wellbore Design Survey V0	HKS-25 Noble SI Well Actual VES Survey (Grid to True) V0	GOLDEN EAGLE 21N-1A-M, Wellbore #1, Design #1 V0
Simonson 10-241, PDC PR Well Actual Ensign Survey V0	Baldrige 8-1, SRCPR Well Actual Ensign Survey V0	GOLDEN EAGLE 25C-1-M, Wellbore #1, Design #1 V0
CedFarms PDC 6-67HN Noble PR Well Actual DCC Survey (Grid to True) V0	Schneider 37-36, SRCPR Well Actual Ensign Survey V0	GOLDEN EAGLE 28N-1B-M, Wellbore #1, Design #1 V0
SBH1 Amimex P&A Well No Survey V0	Baldrige 17-1, SRCPR Well Actual Ensign Survey V0	GOLDEN EAGLE 25N-1A-M, Wellbore #1, Design #1 V0
HKS-22 Noble SI Well Actual VES Survey (Grid to True) V0	Baldrige 2-1, SRCPR Well Actual Ensign Survey V0	GOLDEN EAGLE 21N-1C-M, Wellbore #1, Design #1 V0
CEOL FARM 6-11, Noble P&A Well Actual VES Survey (Grid to True) V0	Baldrige 1-1, SRCPR Well Actual Ensign Survey V0	GOLDEN EAGLE 24N-1B-M, Wellbore #1, Design #1 V0
WEBER 6-13, Noble SI Well Actual VES Survey (Grid to True) V0	Schneider 16-36, SRCPR Well Actual Ensign Survey V0	GOLDEN EAGLE 25N-1B-M, Wellbore #1, Design #1 V0
HKS-23 Noble SI Well No Survey V0	Baldrige 7-1, SRCPR Well Actual Ensign Survey V0	GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
CEOL FARM 6-41, PetroCanada DA Well No Survey V0	GOLDEN EAGLE 28N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
CEOL FARM 6-14, Noble P&A Well Actual VES Survey (Grid to True) V0	GOLDEN EAGLE 7N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
CedFarms PDC 6-68-1HN Noble PR Well Actual DCC Survey (Grid to True) V0	GOLDEN EAGLE 7C-1-M, Wellbore #1, Design #1 V0	
CEOL FARM 6-41X, Noble P&A Well Actual VES Survey (Grid to True) V0	GOLDEN EAGLE 28C-1-M, Wellbore #1, Design #1 V0	