

SRC ENERGY

**WELD COUNTY (NAD83, TRUE NORTH)
6N-66W-06 GOLDEN EAGLE 1-6 PAD
GOLDEN EAGLE 25C-1-M**

**Wellbore #1
Design #1**

Anticollision Report

13 December, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

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

Survey Tool Program	Date	12/13/2018		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.00	1,800.00	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:crustal field declination	
1,800.00	15,551.15	Design #1 (Wellbore #1)	SRC Energy_ISCWSA REV ; Fixed:v2:Rockies, crustal dec + 3-axis correction	

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
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 21C-1-M - Wellbore #1 - Design #1	200.00	201.00	139.09	131.51	18.363	CC, ES
GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1	15,551.16	15,305.08	1,258.44	992.22	4.727	SF
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	200.00	201.00	99.78	92.21	13.174	CC, ES
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	15,551.16	15,199.88	854.43	593.31	3.272	SF
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	200.00	201.00	119.89	112.31	15.828	CC, ES
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	15,551.16	15,233.05	1,051.18	786.18	3.967	SF
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	200.00	200.00	20.09	12.51	2.652	CC, ES
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	15,551.16	15,283.72	321.94	159.86	1.986	SF
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	200.00	200.00	19.74	12.17	2.607	CC, ES
GOLDEN EAGLE 25N-1B-M - Wellbore #1 - Design #1	15,551.16	15,331.06	262.56	48.42	1.226	Level 2, SF
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	200.00	202.00	199.93	192.35	26.395	CC, ES
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	15,551.16	15,257.27	1,926.33	1,660.64	7.250	SF
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	200.00	202.00	220.03	212.46	29.049	CC, ES
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	15,551.16	15,006.87	1,950.93	1,583.67	5.312	SF
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	200.00	198.00	259.89	252.31	34.317	CC, ES
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	15,551.16	15,084.51	2,339.31	2,074.48	8.833	SF
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	200.00	202.00	239.78	232.20	31.655	CC, ES
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	15,551.16	15,153.54	2,121.82	1,856.60	8.000	SF
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	200.00	199.00	159.74	152.16	21.092	CC, ES
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	15,551.16	15,023.76	1,501.73	1,239.62	5.729	SF
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	200.00	202.00	179.84	172.27	23.743	CC, ES
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	15,551.16	15,102.08	1,701.24	1,436.47	6.425	SF
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	200.00	201.00	80.06	72.49	10.570	CC, ES
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	15,551.16	15,413.50	641.72	374.63	2.403	SF
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	200.00	200.00	59.96	52.38	7.916	CC, ES
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	15,551.16	15,126.01	668.64	424.35	2.737	SF
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	200.00	200.00	39.85	32.28	5.261	CC, ES
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	15,551.16	15,338.16	420.63	162.36	1.629	SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
6N-66W-06 Offsets						
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	227.34	227.61	558.67	551.26	75.409	CC, ES
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	9,200.00	7,382.67	1,764.87	1,716.22	36.273	SF
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	8,553.38	7,356.94	520.29	478.04	12.314	CC, ES
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	8,600.00	7,356.95	522.37	479.76	12.258	SF
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	8,206.39	7,318.34	886.05	605.18	3.155	CC, ES, SF
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	8,341.50	7,326.72	606.15	563.61	14.247	CC, ES
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	8,400.00	7,327.00	608.97	565.99	14.169	SF
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	106.71	129.71	961.56	953.31	116.567	CC
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	12,732.76	11,718.00	1,150.12	901.61	4.628	ES, SF
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	200.00	223.00	997.03	986.27	92.685	CC
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	400.00	422.88	1,000.40	982.94	57.276	ES
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	12,800.00	11,923.00	1,514.44	1,258.30	5.913	SF
HERGERT #1-6 - PDC PR Well - No Surveys	9,778.47	7,324.94	1,957.51	1,658.04	6.537	CC
HERGERT #1-6 - PDC PR Well - No Surveys	9,800.00	7,324.75	1,957.63	1,657.82	6.530	ES
HERGERT #1-6 - PDC PR Well - No Surveys	10,000.00	7,322.91	1,970.01	1,667.16	6.505	SF
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,573.72	7,501.71	1,826.76	1,720.98	17.269	CC
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,600.00	7,502.79	1,826.95	1,720.78	17.209	ES
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,700.00	7,506.90	1,831.11	1,723.65	17.039	SF
HKS 6-23 - Noble SI Well - No Surveys	12,435.74	7,318.61	411.21	70.47	1.207	Level 2, CC, ES, SF
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	12,066.82	7,369.93	844.92	748.45	8.758	CC, ES
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	12,100.00	7,367.87	845.57	748.88	8.745	SF
HOUGHTON #1 - Amirmex P&A Well - No Surveys	8,292.89	7,321.55	2,061.97	1,780.37	7.322	CC
HOUGHTON #1 - Amirmex P&A Well - No Surveys	8,300.00	7,321.48	2,061.99	1,780.34	7.321	ES
HOUGHTON #1 - Amirmex P&A Well - No Surveys	8,400.00	7,320.57	2,064.75	1,782.34	7.311	SF
S B H 1 - Amirmex P&A Well - No Surveys	200.00	222.00	1,660.05	1,649.03	150.669	CC
S B H 1 - Amirmex P&A Well - No Surveys	9,952.30	7,343.35	1,706.74	1,404.08	5.639	ES
S B H 1 - Amirmex P&A Well - No Surveys	10,100.00	7,342.00	1,713.12	1,408.79	5.629	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	9,909.00	7,353.85	507.62	445.77	8.208	CC, ES, SF
6N-67W-01 Offsets Incomplete						
CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual V	15,327.42	7,280.80	2,138.17	1,965.65	12.394	CC
CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual V	15,400.00	7,280.54	2,139.40	1,965.57	12.308	ES
CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual V	15,551.16	7,280.00	2,149.84	1,973.76	12.210	SF
Simonsen 1Q-241 - PDC PR Well - Actual Ensign Survey	15,551.16	9,785.94	611.29	518.98	6.622	CC, ES, SF
7N-66W-31 Offsets Incomplete						
Schneider X-31-36HN - PDC Planned Well - Planned En	4,884.73	5,349.80	2,291.45	2,258.62	69.813	CC
Schneider X-31-36HN - PDC Planned Well - Planned En	4,900.00	5,359.45	2,291.46	2,258.57	69.665	ES
Schneider X-31-36HN - PDC Planned Well - Planned En	6,500.00	6,470.35	2,493.03	2,453.69	63.366	SF

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Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Summary						
Site Name	Reference Measured Depth (usft)	Offset Measured Depth (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
7N-67W-36 Offsets Incomplete						
Baldrige 1-1 - SRC PR Well - Actual Ensign Surveys	13,930.93	7,634.44	1,808.06	1,660.53	12.255	CC
Baldrige 1-1 - SRC PR Well - Actual Ensign Surveys	14,000.00	7,634.14	1,809.38	1,660.40	12.145	ES
Baldrige 1-1 - SRC PR Well - Actual Ensign Surveys	14,200.00	7,633.30	1,827.97	1,675.86	12.017	SF
Baldrige 17-1 - SRC PR Well - Actual Ensign Surveys	14,609.66	7,646.54	1,132.47	984.09	7.632	CC, ES
Baldrige 17-1 - SRC PR Well - Actual Ensign Surveys	14,800.00	7,647.51	1,148.36	996.05	7.540	SF
Baldrige 2-1 - SRC PR Well - Actual Ensign Surveys	15,248.93	7,381.30	1,812.68	1,662.54	12.073	CC
Baldrige 2-1 - SRC PR Well - Actual Ensign Surveys	15,300.00	7,381.02	1,813.40	1,662.52	12.019	ES
Baldrige 2-1 - SRC PR Well - Actual Ensign Surveys	15,400.00	7,380.48	1,818.96	1,666.90	11.962	SF
Baldrige 7-1 - SRC PR Well - Actual Ensign Surveys	15,290.69	7,757.18	498.85	342.70	3.195	CC
Baldrige 7-1 - SRC PR Well - Actual Ensign Surveys	15,300.00	7,757.05	498.93	342.64	3.192	ES, SF
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	13,933.21	7,881.81	480.95	330.35	3.194	CC, ES
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	14,000.00	7,881.42	485.57	330.71	3.136	SF
ICE MAN 2W-15-7N - XOG Planned Well - Planned MW						Out of range
Schneider 16-36 - SRC PR Well - Actual Ensign Surveys						Out of range
Schneider 20-36 - SRC PR Well - Actual Ensign Surveys						Out of range
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys						Out of range

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-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 Measured Depth (usft)	Vertical Depth (usft)	Offset Measured Depth (usft)	Vertical Depth (usft)	Semi Major Axis Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Distance Between Centres (usft)	Distance Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
0.00	0.00	1.00	-1.00	3.28	3.28	-3.67	138.80	-8.90	139.09					
100.00	100.00	101.00	99.00	3.28	3.28	-3.67	138.80	-8.90	139.09	131.56	7.53	18.473		
200.00	200.00	201.00	199.00	3.31	3.31	-3.67	138.80	-8.90	139.09	131.51	7.57	18.363	CC, ES	
300.00	299.99	299.45	299.45	3.35	3.35	-139.56	138.75	-8.47	139.86	132.20	7.66	18.263		
400.00	399.88	400.35	400.28	3.41	3.41	-139.32	138.31	-4.98	142.65	134.87	7.78	18.342		
500.00	499.55	501.14	500.82	3.49	3.50	-138.61	137.43	2.02	147.44	139.49	7.94	18.557		
600.00	598.89	601.76	600.87	3.60	3.61	-137.49	136.12	12.50	154.26	146.09	8.17	18.890		
700.00	697.76	702.11	700.23	3.75	3.75	-136.06	134.37	26.43	163.16	154.71	8.45	19.311		
800.00	796.05	801.53	798.35	3.95	3.93	-134.83	132.37	42.34	174.34	165.54	8.80	19.814		
900.00	893.63	900.59	896.11	4.19	4.13	-134.47	130.38	58.22	187.98	178.77	9.21	20.414		
1,000.00	990.55	1,000.66	993.56	4.48	4.36	-134.82	128.39	74.06	203.65	193.97	9.68	21.047		
1,100.00	1,087.39	1,101.95	1,090.98	4.81	4.61	-135.25	126.41	89.89	219.54	209.35	10.18	21.555		
1,200.00	1,184.23	1,203.23	1,188.40	5.17	4.88	-135.63	124.42	105.72	235.44	224.71	10.73	21.940		
1,300.00	1,281.07	1,304.51	1,285.82	5.55	5.16	-135.96	122.44	121.55	251.35	240.04	11.31	22.227		
1,400.00	1,377.91	1,405.80	1,383.24	5.95	5.45	-136.25	120.45	137.37	267.27	255.36	11.91	22.438		
1,500.00	1,474.75	1,507.08	1,480.66	6.36	5.76	-136.51	118.47	153.20	283.19	270.65	12.54	22.590		
1,600.00	1,571.59	1,608.36	1,578.08	6.79	6.07	-136.74	116.48	169.03	299.12	285.94	13.18	22.697		
1,700.00	1,668.44	1,709.65	1,675.49	7.23	6.39	-136.95	114.50	184.86	315.05	301.21	13.84	22.768		
1,800.00	1,765.28	1,789.07	1,772.91	7.67	6.64	-137.13	112.51	200.69	330.99	316.55	14.44	22.922		
1,900.00	1,862.12	1,887.79	1,870.33	7.92	6.83	-137.30	110.52	216.52	346.92	332.48	14.44	24.022		
2,000.00	1,958.96	1,986.50	1,967.75	7.98	6.88	-137.46	108.54	232.35	362.87	348.34	14.53	24.973		
2,100.00	2,055.80	2,085.22	2,065.17	8.06	6.93	-137.60	106.55	248.18	378.81	364.18	14.63	25.885		
2,200.00	2,152.64	2,183.94	2,162.59	8.16	7.00	-137.73	104.57	264.01	394.76	379.99	14.77	26.723		
2,300.00	2,249.48	2,282.65	2,260.01	8.28	7.08	-137.85	102.58	279.84	410.71	395.76	14.94	27.486		
2,400.00	2,346.32	2,381.37	2,357.43	8.42	7.17	-137.96	100.60	295.66	426.66	411.51	15.14	28.173		
2,500.00	2,443.16	2,480.09	2,454.85	8.58	7.28	-138.07	98.61	311.49	442.61	427.23	15.38	28.786		
2,600.00	2,540.00	2,578.80	2,552.27	8.76	7.40	-138.16	96.62	327.32	458.56	442.92	15.64	29.326		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design 6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-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		
2,700.00	2,636.84	2,677.52	2,649.68	8.95	7.54	-138.25	94.64	343.15	474.51	458.59	15.92	29.799		
2,800.00	2,733.69	2,776.24	2,747.10	9.16	7.68	-138.34	92.65	358.98	490.47	474.23	16.24	30.206		
2,900.00	2,830.53	2,874.95	2,844.52	9.38	7.84	-138.42	90.67	374.81	506.42	489.85	16.57	30.554		
3,000.00	2,927.37	2,973.67	2,941.94	9.61	8.01	-138.49	88.68	390.64	522.38	505.44	16.93	30.847		
3,100.00	3,024.21	3,072.39	3,039.36	9.85	8.19	-138.56	86.70	406.47	538.34	521.02	17.32	31.089		
3,200.00	3,121.05	3,171.10	3,136.78	10.11	8.37	-138.63	84.71	422.30	554.30	536.58	17.72	31.287		
3,300.00	3,217.89	3,269.82	3,234.20	10.38	8.57	-138.69	82.73	438.12	570.25	552.12	18.14	31.444		
3,400.00	3,314.73	3,368.54	3,331.62	10.65	8.77	-138.75	80.74	453.95	586.21	567.64	18.57	31.564		
3,500.00	3,411.57	3,467.25	3,429.04	10.94	8.98	-138.80	78.75	469.78	602.17	583.15	19.02	31.653		
3,600.00	3,508.41	3,565.97	3,526.46	11.23	9.20	-138.85	76.77	485.61	618.13	598.64	19.49	31.714		
3,700.00	3,605.25	3,664.69	3,623.87	11.53	9.43	-138.90	74.78	501.44	634.09	614.12	19.97	31.750		
3,800.00	3,702.09	3,763.40	3,721.29	11.84	9.66	-138.95	72.80	517.27	650.06	629.59	20.46	31.765		
3,900.00	3,798.94	3,862.12	3,818.71	12.15	9.90	-139.00	70.81	533.10	666.02	645.05	20.97	31.762		
4,000.00	3,895.78	3,960.84	3,916.13	12.47	10.14	-139.04	68.83	548.93	681.98	660.50	21.48	31.742		
4,100.00	3,992.62	4,059.55	4,013.55	12.80	10.39	-139.08	66.84	564.76	697.94	675.93	22.01	31.709		
4,200.00	4,089.46	4,158.27	4,110.97	13.13	10.64	-139.12	64.85	580.58	713.91	691.36	22.55	31.665		
4,300.00	4,186.30	4,256.98	4,208.39	13.46	10.89	-139.16	62.87	596.41	729.87	706.78	23.09	31.611		
4,400.00	4,283.14	4,355.70	4,305.81	13.80	11.15	-139.19	60.88	612.24	745.83	722.19	23.64	31.548		
4,500.00	4,379.98	4,454.42	4,403.23	14.15	11.42	-139.23	58.90	628.07	761.80	737.60	24.20	31.478		
4,600.00	4,476.82	4,553.13	4,500.65	14.49	11.68	-139.26	56.91	643.90	777.76	752.99	24.77	31.403		
4,700.00	4,573.66	4,651.85	4,598.06	14.84	11.95	-139.29	54.93	659.73	793.72	768.38	25.34	31.323		
4,800.00	4,670.50	4,750.57	4,695.48	15.20	12.23	-139.32	52.94	675.56	809.69	783.77	25.92	31.239		
4,900.00	4,767.35	4,849.28	4,792.90	15.56	12.50	-139.35	50.96	691.39	825.65	799.15	26.50	31.152		
5,000.00	4,864.19	4,948.00	4,890.32	15.92	12.78	-139.38	48.97	707.22	841.62	814.52	27.09	31.063		
5,100.00	4,961.03	5,046.72	4,987.74	16.28	13.06	-139.41	46.98	723.04	857.58	829.89	27.69	30.973		
5,200.00	5,057.87	5,145.43	5,085.16	16.64	13.35	-139.43	45.00	738.87	873.55	845.26	28.29	30.880		
5,300.00	5,154.71	5,244.15	5,182.58	17.01	13.63	-139.46	43.01	754.70	889.51	860.62	28.89	30.788		
5,400.00	5,251.55	5,342.87	5,280.00	17.38	13.92	-139.48	41.03	770.53	905.48	875.98	29.50	30.694		
5,500.00	5,348.39	5,441.58	5,377.42	17.75	14.21	-139.50	39.04	786.36	921.45	891.33	30.11	30.601		
5,600.00	5,445.23	5,540.30	5,474.84	18.13	14.50	-139.53	37.06	802.19	937.41	906.68	30.73	30.508		
5,700.00	5,542.07	5,639.02	5,572.26	18.50	14.79	-139.55	35.07	818.02	953.38	922.03	31.35	30.415		
5,800.00	5,638.91	5,737.73	5,669.67	18.88	15.09	-139.57	33.08	833.85	969.34	937.38	31.97	30.322		
5,900.00	5,735.75	5,836.45	5,767.09	19.26	15.38	-139.59	31.10	849.68	985.31	952.72	32.59	30.231		
6,000.00	5,832.60	5,935.17	5,864.51	19.64	15.68	-139.61	29.11	865.51	1,001.28	968.06	33.22	30.140		
6,100.00	5,929.44	6,033.88	5,961.93	20.02	15.98	-139.63	27.13	881.33	1,017.24	983.39	33.85	30.050		
6,200.00	6,026.28	6,132.60	6,059.35	20.40	16.28	-139.65	25.14	897.16	1,033.21	998.73	34.48	29.962		
6,300.00	6,123.12	6,231.32	6,156.77	20.79	16.58	-139.67	23.16	912.99	1,049.18	1,014.06	35.12	29.874		
6,400.00	6,219.96	6,330.03	6,254.19	21.17	16.88	-139.68	21.17	928.82	1,065.14	1,029.39	35.76	29.788		
6,500.00	6,316.80	6,428.75	6,351.61	21.56	17.19	-139.70	19.19	944.65	1,081.11	1,044.71	36.40	29.703		
6,600.00	6,413.64	6,527.47	6,449.03	21.94	17.49	-139.72	17.20	960.48	1,097.08	1,060.04	37.04	29.620		
6,700.00	6,510.48	6,626.18	6,546.45	22.33	17.80	-139.73	15.21	976.31	1,113.04	1,075.36	37.68	29.537		
6,800.00	6,607.32	6,718.10	6,637.44	22.72	18.04	-140.05	13.34	988.92	1,129.19	1,090.94	38.25	29.523		
6,900.00	6,705.10	6,804.50	6,723.75	22.99	18.17	-179.90	11.47	989.88	1,145.86	1,107.26	38.60	29.684		
7,000.00	6,803.10	6,890.20	6,808.71	23.16	18.26	136.65	9.53	979.29	1,162.45	1,123.63	38.83	29.941		
7,100.00	6,898.92	6,975.50	6,891.09	23.27	18.30	114.68	7.54	957.51	1,178.53	1,139.59	38.95	30.259		
7,200.00	6,990.18	7,060.69	6,969.72	23.33	18.31	103.96	5.55	924.98	1,193.70	1,154.71	38.99	30.614		
7,300.00	7,074.65	7,146.03	7,043.44	23.34	18.29	97.84	3.57	882.15	1,207.58	1,168.60	38.98	30.976		
7,400.00	7,150.25	7,231.79	7,111.08	23.30	18.27	93.99	1.64	829.57	1,219.86	1,180.90	38.97	31.306		
7,500.00	7,215.10	7,318.20	7,171.47	23.24	18.26	91.47	-0.21	767.89	1,230.27	1,191.28	38.98	31.558		
7,600.00	7,267.63	7,405.50	7,223.44	23.15	18.28	89.88	-1.95	697.85	1,238.57	1,199.48	39.09	31.687		
7,700.00	7,306.52	7,493.89	7,265.81	23.04	18.35	89.00	-3.54	620.37	1,244.60	1,205.27	39.33	31.648		
7,800.00	7,330.84	7,583.58	7,297.41	22.92	18.49	88.73	-4.96	536.53	1,248.25	1,208.52	39.73	31.418		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-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					
7,900.00	7,339.97	7,674.74	7,317.16	22.81	18.71	89.00	-6.16	447.61	1,249.46	1,209.15	40.31	30.997					
7,991.55	7,340.29	7,759.93	7,323.96	22.73	18.98	89.30	-7.04	362.77	1,249.51	1,208.52	40.99	30.485					
8,000.00	7,339.23	7,767.85	7,324.01	22.72	19.01	89.35	-7.11	354.85	1,249.32	1,208.26	41.05	30.431					
8,100.00	7,338.31	7,867.53	7,323.33	22.74	19.47	89.36	-7.96	255.17	1,249.43	1,207.40	42.03	29.727					
8,200.00	7,337.40	7,967.53	7,322.63	22.95	20.05	89.37	-8.81	155.18	1,249.55	1,206.32	43.24	28.900					
8,300.00	7,336.48	8,067.53	7,321.93	23.46	20.75	89.38	-9.66	55.19	1,249.67	1,205.01	44.67	27.978					
8,400.00	7,335.57	8,167.53	7,321.23	24.21	21.57	89.39	-10.51	-44.81	1,249.79	1,203.49	46.30	26.995					
8,500.00	7,334.65	8,267.53	7,320.53	25.11	22.48	89.40	-11.36	-144.80	1,249.91	1,201.80	48.11	25.981					
8,600.00	7,333.73	8,367.53	7,319.83	26.11	23.48	89.41	-12.21	-244.80	1,250.03	1,199.95	50.08	24.959					
8,700.00	7,332.82	8,467.53	7,319.13	27.17	24.55	89.42	-13.06	-344.79	1,250.15	1,197.95	52.20	23.950					
8,800.00	7,331.90	8,567.53	7,318.44	28.30	25.69	89.43	-13.91	-444.78	1,250.26	1,195.83	54.44	22.967					
8,900.00	7,330.99	8,667.53	7,317.74	29.48	26.88	89.44	-14.76	-544.78	1,250.38	1,193.59	56.79	22.018					
9,000.00	7,330.07	8,767.53	7,317.04	30.71	28.13	89.45	-15.62	-644.77	1,250.50	1,191.26	59.24	21.110					
9,100.00	7,329.16	8,867.53	7,316.34	31.97	29.41	89.46	-16.47	-744.76	1,250.62	1,188.85	61.77	20.246					
9,200.00	7,328.24	8,967.53	7,315.64	33.27	30.74	89.47	-17.32	-844.76	1,250.74	1,186.36	64.38	19.427					
9,300.00	7,327.32	9,067.53	7,314.94	34.60	32.09	89.48	-18.17	-944.75	1,250.86	1,183.80	67.06	18.654					
9,400.00	7,326.41	9,167.53	7,314.24	35.96	33.48	89.49	-19.02	-1,044.74	1,250.98	1,181.19	69.79	17.925					
9,500.00	7,325.49	9,267.53	7,313.54	37.35	34.89	89.50	-19.87	-1,144.74	1,251.10	1,178.52	72.58	17.238					
9,600.00	7,324.58	9,367.53	7,312.84	38.75	36.32	89.51	-20.72	-1,244.73	1,251.22	1,175.81	75.41	16.593					
9,700.00	7,323.66	9,467.53	7,312.14	40.17	37.78	89.52	-21.57	-1,344.73	1,251.34	1,173.05	78.28	15.985					
9,800.00	7,322.75	9,567.53	7,311.44	41.62	39.25	89.53	-22.42	-1,444.72	1,251.45	1,170.26	81.19	15.414					
9,900.00	7,321.83	9,667.53	7,310.74	43.07	40.74	89.54	-23.27	-1,544.71	1,251.57	1,167.44	84.13	14.876					
10,000.00	7,320.91	9,767.53	7,310.04	44.55	42.24	89.55	-24.12	-1,644.71	1,251.69	1,164.59	87.11	14.370					
10,100.00	7,320.00	9,867.53	7,309.34	46.03	43.75	89.56	-24.97	-1,744.70	1,251.81	1,161.71	90.11	13.893					
10,200.00	7,319.08	9,967.53	7,308.64	47.53	45.27	89.57	-25.82	-1,844.69	1,251.93	1,158.80	93.13	13.443					
10,300.00	7,318.17	10,067.53	7,307.94	49.04	46.81	89.58	-26.67	-1,944.69	1,252.05	1,155.88	96.17	13.019					
10,400.00	7,317.25	10,167.52	7,307.24	50.56	48.35	89.59	-27.52	-2,044.68	1,252.17	1,152.93	99.24	12.618					
10,500.00	7,316.34	10,267.52	7,306.54	52.09	49.91	89.60	-28.38	-2,144.67	1,252.29	1,149.97	102.32	12.239					
10,600.00	7,315.42	10,367.52	7,305.84	53.62	51.47	89.61	-29.23	-2,244.67	1,252.41	1,146.99	105.42	11.880					
10,700.00	7,314.50	10,467.52	7,305.14	55.17	53.03	89.62	-30.08	-2,344.66	1,252.53	1,144.00	108.53	11.541					
10,800.00	7,313.59	10,567.52	7,304.44	56.72	54.61	89.63	-30.93	-2,444.66	1,252.65	1,140.99	111.66	11.218					
10,900.00	7,312.67	10,667.52	7,303.74	58.28	56.19	89.64	-31.78	-2,544.65	1,252.77	1,137.97	114.80	10.913					
11,000.00	7,311.76	10,767.52	7,303.04	59.84	57.77	89.65	-32.63	-2,644.64	1,252.89	1,134.94	117.95	10.622					
11,100.00	7,310.84	10,867.52	7,302.34	61.41	59.36	89.66	-33.48	-2,744.64	1,253.01	1,131.89	121.11	10.346					
11,200.00	7,309.93	10,967.52	7,301.65	62.99	60.95	89.67	-34.33	-2,844.63	1,253.13	1,128.84	124.29	10.083					
11,300.00	7,309.01	11,067.52	7,300.95	64.57	62.55	89.68	-35.18	-2,944.62	1,253.25	1,125.78	127.47	9.832					
11,400.00	7,308.10	11,167.52	7,300.25	66.15	64.16	89.69	-36.03	-3,044.62	1,253.37	1,122.71	130.66	9.593					
11,500.00	7,307.18	11,267.52	7,299.55	67.74	65.76	89.70	-36.88	-3,144.61	1,253.49	1,119.63	133.85	9.365					
11,600.00	7,306.26	11,367.52	7,298.85	69.33	67.37	89.71	-37.73	-3,244.60	1,253.61	1,116.55	137.06	9.147					
11,700.00	7,305.35	11,467.52	7,298.15	70.93	68.98	89.72	-38.58	-3,344.60	1,253.72	1,113.46	140.27	8.938					
11,800.00	7,304.43	11,567.52	7,297.45	72.53	70.60	89.73	-39.43	-3,444.59	1,253.84	1,110.36	143.49	8.738					
11,900.00	7,303.52	11,667.52	7,296.75	74.13	72.22	89.74	-40.29	-3,544.59	1,253.96	1,107.25	146.71	8.547					
12,000.00	7,302.60	11,767.52	7,296.05	75.74	73.84	89.75	-41.14	-3,644.58	1,254.08	1,104.15	149.94	8.364					
12,100.00	7,301.69	11,867.52	7,295.35	77.34	75.46	89.76	-41.99	-3,744.57	1,254.20	1,101.03	153.17	8.188					
12,200.00	7,300.77	11,967.52	7,294.65	78.96	77.08	89.77	-42.84	-3,844.57	1,254.32	1,097.91	156.41	8.019					
12,300.00	7,299.85	12,067.52	7,293.95	80.57	78.71	89.78	-43.69	-3,944.56	1,254.44	1,094.79	159.66	7.857					
12,400.00	7,298.94	12,167.52	7,293.25	82.19	80.34	89.79	-44.54	-4,044.55	1,254.56	1,091.66	162.90	7.701					
12,500.00	7,298.02	12,267.52	7,292.55	83.80	81.97	89.80	-45.39	-4,144.55	1,254.69	1,088.53	166.16	7.551					
12,600.00	7,297.11	12,367.52	7,291.85	85.42	83.60	89.81	-46.24	-4,244.54	1,254.81	1,085.39	169.41	7.407					
12,700.00	7,296.19	12,467.52	7,291.15	87.05	85.24	89.81	-47.09	-4,344.53	1,254.93	1,082.25	172.67	7.268					
12,800.00	7,295.28	12,567.52	7,290.45	88.67	86.87	89.82	-47.94	-4,444.53	1,255.05	1,079.11	175.93	7.134					
12,900.00	7,294.36	12,667.52	7,289.75	90.30	88.51	89.83	-48.79	-4,544.52	1,255.17	1,075.97	179.20	7.004					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design											6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-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			
13,000.00	7,293.44	12,767.52	7,289.05	91.92	90.15	89.84	-49.64	-4,644.52	1,255.29	1,072.82	182.47	6.879				
13,100.00	7,292.53	12,867.52	7,288.35	93.55	91.79	89.85	-50.49	-4,744.51	1,255.41	1,069.67	185.74	6.759				
13,200.00	7,291.61	12,967.52	7,287.65	95.18	93.43	89.86	-51.34	-4,844.50	1,255.53	1,066.51	189.01	6.643				
13,300.00	7,290.70	13,067.52	7,286.95	96.82	95.07	89.87	-52.19	-4,944.50	1,255.65	1,063.36	192.29	6.530				
13,400.00	7,289.78	13,167.52	7,286.25	98.45	96.71	89.88	-53.05	-5,044.49	1,255.77	1,060.20	195.57	6.421				
13,500.00	7,288.87	13,267.52	7,285.56	100.08	98.36	89.89	-53.90	-5,144.48	1,255.89	1,057.04	198.85	6.316				
13,600.00	7,287.95	13,367.52	7,284.86	101.72	100.00	89.90	-54.75	-5,244.48	1,256.01	1,053.87	202.14	6.214				
13,700.00	7,287.03	13,467.51	7,284.16	103.36	101.65	89.91	-55.60	-5,344.47	1,256.13	1,050.71	205.42	6.115				
13,800.00	7,286.12	13,567.51	7,283.46	105.00	103.30	89.92	-56.45	-5,444.46	1,256.25	1,047.54	208.71	6.019				
13,900.00	7,285.20	13,667.51	7,282.76	106.64	104.94	89.93	-57.30	-5,544.46	1,256.37	1,044.37	212.00	5.926				
14,000.00	7,284.29	13,767.51	7,282.06	108.28	106.59	89.94	-58.15	-5,644.45	1,256.49	1,041.20	215.29	5.836				
14,100.00	7,283.37	13,867.51	7,281.36	109.92	108.24	89.95	-59.00	-5,744.45	1,256.61	1,038.03	218.58	5.749				
14,200.00	7,282.46	13,967.51	7,280.66	111.56	109.89	89.96	-59.85	-5,844.44	1,256.73	1,034.85	221.88	5.664				
14,300.00	7,281.54	14,067.51	7,279.96	113.20	111.54	89.97	-60.70	-5,944.43	1,256.85	1,031.68	225.18	5.582				
14,400.00	7,280.63	14,167.51	7,279.26	114.85	113.19	89.98	-61.55	-6,044.43	1,256.97	1,028.50	228.47	5.502				
14,500.00	7,279.71	14,267.51	7,278.56	116.49	114.85	89.99	-62.40	-6,144.42	1,257.10	1,025.32	231.77	5.424				
14,600.00	7,278.79	14,367.51	7,277.86	118.14	116.50	90.00	-63.25	-6,244.41	1,257.22	1,022.14	235.07	5.348				
14,700.00	7,277.88	14,467.51	7,277.16	119.79	118.15	90.01	-64.10	-6,344.41	1,257.34	1,018.96	238.38	5.275				
14,800.00	7,276.96	14,567.51	7,276.46	121.43	119.81	90.02	-64.96	-6,444.40	1,257.46	1,015.78	241.68	5.203				
14,900.00	7,276.05	14,667.51	7,275.76	123.08	121.46	90.03	-65.81	-6,544.39	1,257.58	1,012.59	244.99	5.133				
15,000.00	7,275.13	14,767.51	7,275.06	124.73	123.12	90.04	-66.66	-6,644.39	1,257.70	1,009.41	248.29	5.065				
15,100.00	7,274.22	14,867.51	7,274.36	126.38	124.77	90.05	-67.51	-6,744.38	1,257.82	1,006.22	251.60	4.999				
15,200.00	7,273.30	14,967.51	7,273.66	128.03	126.43	90.06	-68.36	-6,844.38	1,257.94	1,003.04	254.91	4.935				
15,300.00	7,272.38	15,067.51	7,272.96	129.68	128.09	90.07	-69.21	-6,944.37	1,258.06	999.85	258.22	4.872				
15,400.00	7,271.47	15,167.51	7,272.26	131.33	129.74	90.08	-70.06	-7,044.36	1,258.19	996.66	261.53	4.811				
15,500.00	7,270.55	15,267.51	7,271.56	132.98	131.40	90.09	-70.91	-7,144.36	1,258.31	993.47	264.84	4.751				
15,500.06	7,270.55	15,267.56	7,271.56	132.98	131.40	90.09	-70.91	-7,144.41	1,258.31	993.47	264.84	4.751				
15,551.16	7,270.08	15,305.08	7,271.30	133.83	132.02	90.09	-71.23	-7,181.93	1,258.44	992.22	266.22	4.727 SF				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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				
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	CC, ES			
300.00	299.99	299.84	299.84	3.35	3.35	-140.59	99.28	-7.67	100.44	92.78	7.66	13.116				
400.00	399.88	401.58	401.51	3.41	3.41	-140.46	97.80	-4.41	102.23	94.46	7.77	13.151				
500.00	499.55	503.31	502.98	3.49	3.50	-139.83	94.84	2.13	104.99	97.06	7.94	13.230				
600.00	598.89	605.00	604.09	3.60	3.61	-138.76	90.40	11.95	108.75	100.60	8.15	13.345				
700.00	697.76	706.63	704.70	3.75	3.76	-137.32	84.48	25.02	113.55	105.12	8.42	13.478				
800.00	796.05	807.89	804.37	3.95	3.94	-135.62	77.15	41.23	119.44	110.67	8.77	13.617				
900.00	893.63	907.55	902.26	4.19	4.17	-134.67	69.42	58.31	127.36	118.17	9.19	13.855				
1,000.00	990.55	1,007.05	999.99	4.48	4.41	-134.74	61.70	75.36	137.33	127.66	9.67	14.200				
1,100.00	1,087.39	1,106.53	1,097.69	4.81	4.68	-134.94	53.99	92.40	147.51	137.32	10.19	14.472				
1,200.00	1,184.23	1,206.01	1,195.39	5.17	4.97	-135.12	46.28	109.44	157.70	146.95	10.75	14.663				
1,300.00	1,281.07	1,305.49	1,293.10	5.55	5.28	-135.27	38.56	126.49	167.89	156.54	11.35	14.793				
1,400.00	1,377.91	1,404.97	1,390.80	5.95	5.60	-135.41	30.85	143.53	178.08	166.11	11.97	14.875				
1,500.00	1,474.75	1,504.44	1,488.50	6.36	5.93	-135.53	23.13	160.58	188.27	175.65	12.62	14.923				
1,600.00	1,571.59	1,603.92	1,586.21	6.79	6.27	-135.64	15.42	177.62	198.46	185.18	13.28	14.944				
1,700.00	1,668.44	1,703.40	1,683.91	7.23	6.62	-135.74	7.71	194.67	208.65	194.69	13.96	14.946				
1,800.00	1,765.28	1,802.88	1,781.61	7.67	6.97	-135.83	-0.01	211.71	218.84	204.19	14.65	14.933				
1,900.00	1,862.12	1,902.36	1,879.32	7.92	7.16	-135.91	-7.72	228.75	229.03	214.38	14.65	15.636				
2,000.00	1,958.96	2,001.84	1,977.02	7.98	7.20	-135.98	-15.43	245.80	239.22	224.50	14.73	16.245				
2,100.00	2,055.80	2,101.32	2,074.73	8.06	7.27	-136.05	-23.15	262.84	249.42	234.58	14.84	16.808				
2,200.00	2,152.64	2,200.80	2,172.43	8.16	7.34	-136.12	-30.86	279.89	259.61	244.62	14.99	17.321				
2,300.00	2,249.48	2,300.27	2,270.13	8.28	7.44	-136.17	-38.58	296.93	269.80	254.63	15.17	17.785				
2,400.00	2,346.32	2,400.25	2,367.84	8.42	7.55	-136.23	-46.29	313.98	280.00	264.61	15.39	18.198				
2,500.00	2,443.16	2,500.77	2,465.54	8.58	7.67	-136.28	-54.00	331.02	290.19	274.56	15.63	18.562				
2,600.00	2,540.00	2,601.29	2,563.24	8.76	7.82	-136.33	-61.72	348.07	300.39	284.47	15.91	18.878				
2,700.00	2,636.84	2,701.81	2,660.95	8.95	7.97	-136.37	-69.43	365.11	310.58	294.36	16.22	19.151				
2,800.00	2,733.69	2,802.33	2,758.65	9.16	8.14	-136.41	-77.14	382.15	320.77	304.22	16.55	19.381				
2,900.00	2,830.53	2,902.85	2,856.35	9.38	8.32	-136.45	-84.86	399.20	330.97	314.06	16.91	19.574				
3,000.00	2,927.37	3,003.37	2,954.06	9.61	8.51	-136.48	-92.57	416.24	341.16	323.87	17.29	19.732				
3,100.00	3,024.21	3,103.90	3,051.76	9.85	8.71	-136.52	-100.29	433.29	351.36	333.67	17.69	19.858				
3,200.00	3,121.05	3,204.42	3,149.47	10.11	8.92	-136.55	-108.00	450.33	361.55	343.44	18.12	19.957				
3,300.00	3,217.89	3,304.94	3,247.17	10.38	9.15	-136.58	-115.71	467.38	371.75	353.19	18.56	20.030				
3,400.00	3,314.73	3,405.46	3,344.87	10.65	9.38	-136.61	-123.43	484.42	381.94	362.93	19.02	20.082				
3,500.00	3,411.57	3,494.02	3,442.58	10.94	9.59	-136.64	-131.14	501.47	392.14	372.67	19.47	20.143				
3,600.00	3,508.41	3,606.50	3,540.28	11.23	9.86	-136.66	-138.85	518.51	402.34	382.35	19.99	20.130				
3,700.00	3,605.25	3,707.02	3,637.98	11.53	10.11	-136.69	-146.57	535.55	412.53	392.04	20.49	20.131				
3,800.00	3,702.09	3,807.55	3,735.69	11.84	10.37	-136.71	-154.28	552.60	422.73	401.72	21.01	20.120				
3,900.00	3,798.94	3,908.07	3,833.39	12.15	10.64	-136.73	-162.00	569.64	432.92	411.38	21.54	20.098				
4,000.00	3,895.78	4,008.59	3,931.10	12.47	10.91	-136.75	-169.71	586.69	443.12	421.04	22.08	20.067				
4,100.00	3,992.62	4,109.11	4,028.80	12.80	11.18	-136.77	-177.42	603.73	453.31	430.68	22.63	20.029				
4,200.00	4,089.46	4,209.63	4,126.50	13.13	11.46	-136.79	-185.14	620.78	463.51	440.32	23.19	19.984				
4,300.00	4,186.30	4,289.85	4,224.21	13.46	11.69	-136.81	-192.85	637.82	473.71	450.00	23.71	19.981				
4,400.00	4,283.14	4,389.33	4,321.91	13.80	11.97	-136.83	-200.56	654.87	483.90	459.62	24.28	19.928				
4,500.00	4,379.98	4,488.81	4,419.61	14.15	12.26	-136.85	-208.28	671.91	494.10	469.23	24.86	19.872				
4,600.00	4,476.82	4,588.29	4,517.32	14.49	12.55	-136.86	-215.99	688.95	504.29	478.84	25.45	19.813				
4,700.00	4,573.66	4,687.76	4,615.02	14.84	12.85	-136.88	-223.71	706.00	514.49	488.44	26.05	19.752				
4,800.00	4,670.50	4,787.24	4,712.72	15.20	13.15	-136.90	-231.42	723.04	524.69	498.04	26.65	19.689				
4,900.00	4,767.35	4,886.72	4,810.43	15.56	13.45	-136.91	-239.13	740.09	534.88	507.63	27.26	19.624				
5,000.00	4,864.19	4,986.20	4,908.13	15.92	13.75	-136.92	-246.85	757.13	545.08	517.21	27.87	19.559				
5,100.00	4,961.03	5,085.68	5,005.84	16.28	14.06	-136.94	-254.56	774.18	555.27	526.79	28.49	19.493				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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		
5,200.00	5,057.87	5,185.16	5,103.54	16.64	14.37	-136.95	-262.27	791.22	565.47	536.36	29.11	19.427		
5,300.00	5,154.71	5,284.64	5,201.24	17.01	14.68	-136.96	-269.99	808.27	575.67	545.93	29.73	19.360		
5,400.00	5,251.55	5,384.12	5,298.95	17.38	14.99	-136.97	-277.70	825.31	585.86	555.50	30.36	19.294		
5,500.00	5,348.39	5,483.59	5,396.65	17.75	15.31	-136.99	-285.42	842.35	596.06	565.06	31.00	19.228		
5,600.00	5,445.23	5,583.07	5,494.35	18.13	15.62	-137.00	-293.13	859.40	606.26	574.62	31.64	19.163		
5,700.00	5,542.07	5,682.55	5,592.06	18.50	15.94	-137.01	-300.84	876.44	616.45	584.17	32.28	19.098		
5,800.00	5,638.91	5,782.03	5,689.76	18.88	16.26	-137.02	-308.56	893.49	626.65	593.73	32.92	19.034		
5,900.00	5,735.75	5,881.51	5,787.46	19.26	16.58	-137.03	-316.27	910.53	636.85	603.28	33.57	18.971		
6,000.00	5,832.60	5,980.99	5,885.17	19.64	16.91	-137.04	-323.98	927.58	647.04	612.82	34.22	18.908		
6,100.00	5,929.44	6,080.47	5,982.87	20.02	17.23	-137.05	-331.70	944.62	657.24	622.37	34.87	18.847		
6,200.00	6,026.28	6,179.95	6,080.58	20.40	17.56	-137.06	-339.41	961.66	667.43	631.91	35.53	18.786		
6,300.00	6,123.12	6,279.42	6,178.28	20.79	17.88	-137.07	-347.13	978.71	677.63	641.45	36.19	18.726		
6,400.00	6,219.96	6,378.90	6,275.98	21.17	18.21	-137.08	-354.84	995.75	687.83	650.98	36.85	18.668		
6,500.00	6,316.80	6,478.38	6,373.69	21.56	18.54	-137.08	-362.55	1,012.80	698.02	660.52	37.51	18.610		
6,600.00	6,413.64	6,577.43	6,471.34	21.94	18.81	-137.31	-370.32	1,027.15	708.24	670.14	38.10	18.590		
6,700.00	6,510.48	6,673.50	6,566.99	22.33	18.96	-138.59	-378.20	1,027.67	718.76	680.31	38.45	18.693		
6,800.00	6,607.32	6,762.90	6,655.12	22.72	19.05	-140.94	-385.74	1,015.20	730.54	691.92	38.62	18.918		
6,900.00	6,705.10	6,846.33	6,735.02	22.99	19.09	177.51	-392.80	992.49	744.17	705.56	38.61	19.273		
7,000.00	6,803.10	6,926.73	6,808.59	23.16	19.09	132.47	-399.53	960.87	758.84	720.32	38.52	19.700		
7,100.00	6,898.92	7,004.74	6,875.60	23.27	19.07	109.06	-405.87	921.53	773.80	735.43	38.37	20.166		
7,200.00	6,990.18	7,080.86	6,935.87	23.33	19.04	97.04	-411.80	875.50	788.36	750.17	38.19	20.643		
7,300.00	7,074.65	7,155.50	6,989.24	23.34	19.00	89.77	-417.28	823.67	801.87	763.87	38.01	21.099		
7,400.00	7,150.25	7,229.00	7,035.51	23.30	18.98	84.93	-422.27	766.84	813.81	775.94	37.87	21.491		
7,500.00	7,215.10	7,300.00	7,073.73	23.24	18.96	81.59	-426.66	707.20	823.71	785.89	37.82	21.779		
7,600.00	7,267.63	7,373.70	7,106.13	23.15	18.97	79.31	-430.70	641.18	831.22	793.31	37.91	21.927		
7,700.00	7,306.52	7,445.38	7,130.14	23.04	19.00	77.90	-434.07	573.77	836.10	797.93	38.17	21.906		
7,800.00	7,330.84	7,516.89	7,146.41	22.92	19.08	77.24	-436.85	504.23	838.19	799.57	38.62	21.705		
7,900.00	7,339.97	7,588.43	7,154.82	22.81	19.21	77.27	-439.01	433.25	837.42	798.18	39.24	21.340		
8,000.00	7,339.23	7,670.34	7,155.64	22.72	19.44	77.39	-440.77	351.39	835.84	795.85	39.99	20.901		
8,100.00	7,338.31	7,770.34	7,154.62	22.74	19.87	77.36	-442.76	251.41	834.87	793.96	40.92	20.404		
8,200.00	7,337.40	7,870.33	7,153.60	22.95	20.44	77.34	-444.74	151.44	833.91	791.83	42.08	19.818		
8,300.00	7,336.48	7,970.33	7,152.59	23.46	21.16	77.32	-446.72	51.47	832.95	789.49	43.46	19.165		
8,400.00	7,335.57	8,070.32	7,151.57	24.21	22.00	77.30	-448.70	-48.50	831.98	786.94	45.05	18.470		
8,500.00	7,334.65	8,170.32	7,150.55	25.11	22.94	77.28	-450.68	-148.47	831.02	784.21	46.81	17.754		
8,600.00	7,333.73	8,270.31	7,149.54	26.11	23.96	77.25	-452.66	-248.44	830.06	781.32	48.73	17.033		
8,700.00	7,332.82	8,370.31	7,148.52	27.17	25.06	77.23	-454.65	-348.41	829.09	778.29	50.80	16.321		
8,800.00	7,331.90	8,470.30	7,147.50	28.30	26.22	77.21	-456.63	-448.38	828.13	775.14	52.99	15.628		
8,900.00	7,330.99	8,570.30	7,146.49	29.48	27.43	77.19	-458.61	-548.35	827.17	771.88	55.29	14.960		
9,000.00	7,330.07	8,670.29	7,145.47	30.71	28.69	77.16	-460.59	-648.32	826.21	768.52	57.69	14.321		
9,100.00	7,329.16	8,770.29	7,144.45	31.97	29.99	77.14	-462.57	-748.29	825.24	765.07	60.17	13.715		
9,200.00	7,328.24	8,870.28	7,143.44	33.27	31.32	77.12	-464.55	-848.26	824.28	761.55	62.73	13.140		
9,300.00	7,327.32	8,970.27	7,142.42	34.60	32.69	77.10	-466.54	-948.23	823.32	757.97	65.35	12.598		
9,400.00	7,326.41	9,070.27	7,141.40	35.96	34.08	77.07	-468.52	-1,048.20	822.36	754.32	68.03	12.088		
9,500.00	7,325.49	9,170.26	7,140.39	37.35	35.50	77.05	-470.50	-1,148.17	821.39	750.63	70.77	11.607		
9,600.00	7,324.58	9,270.26	7,139.37	38.75	36.93	77.03	-472.48	-1,248.14	820.43	746.89	73.54	11.156		
9,700.00	7,323.66	9,370.25	7,138.35	40.17	38.39	77.01	-474.46	-1,348.11	819.47	743.11	76.36	10.732		
9,800.00	7,322.75	9,470.25	7,137.34	41.62	39.86	76.98	-476.44	-1,448.08	818.51	739.29	79.21	10.333		
9,900.00	7,321.83	9,570.24	7,136.32	43.07	41.35	76.96	-478.43	-1,548.05	817.55	735.45	82.10	9.958		
10,000.00	7,320.91	9,670.24	7,135.30	44.55	42.86	76.94	-480.41	-1,648.02	816.59	731.57	85.02	9.605		
10,100.00	7,320.00	9,770.23	7,134.29	46.03	44.37	76.91	-482.39	-1,747.99	815.63	727.67	87.96	9.273		
10,200.00	7,319.08	9,870.23	7,133.27	47.53	45.90	76.89	-484.37	-1,847.96	814.66	723.74	90.92	8.960		
10,300.00	7,318.17	9,970.22	7,132.25	49.04	47.43	76.87	-486.35	-1,947.93	813.70	719.80	93.90	8.665		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,400.00	7,317.25	10,070.22	7,131.24	50.56	48.97	76.85	-488.33	-2,047.90	812.74	715.83	96.91	8.387		
10,500.00	7,316.34	10,170.21	7,130.22	52.09	50.53	76.82	-490.32	-2,147.87	811.78	711.85	99.93	8.123		
10,600.00	7,315.42	10,270.21	7,129.20	53.62	52.09	76.80	-492.30	-2,247.84	810.82	707.85	102.97	7.875		
10,700.00	7,314.50	10,370.20	7,128.19	55.17	53.65	76.78	-494.28	-2,347.81	809.86	703.84	106.02	7.639		
10,800.00	7,313.59	10,470.20	7,127.17	56.72	55.23	76.75	-496.26	-2,447.78	808.90	699.82	109.08	7.415		
10,900.00	7,312.67	10,570.19	7,126.15	58.28	56.80	76.73	-498.24	-2,547.75	807.94	695.78	112.16	7.204		
11,000.00	7,311.76	10,670.19	7,125.14	59.84	58.39	76.71	-500.22	-2,647.72	806.98	691.73	115.25	7.002		
11,100.00	7,310.84	10,770.18	7,124.12	61.41	59.98	76.68	-502.21	-2,747.69	806.02	687.68	118.34	6.811		
11,200.00	7,309.93	10,870.18	7,123.10	62.99	61.57	76.66	-504.19	-2,847.66	805.06	683.61	121.45	6.629		
11,300.00	7,309.01	10,970.17	7,122.09	64.57	63.17	76.64	-506.17	-2,947.63	804.10	679.54	124.57	6.455		
11,400.00	7,308.10	11,070.17	7,121.07	66.15	64.77	76.61	-508.15	-3,047.60	803.14	675.45	127.69	6.290		
11,500.00	7,307.18	11,170.16	7,120.05	67.74	66.37	76.59	-510.13	-3,147.57	802.18	671.36	130.82	6.132		
11,600.00	7,306.26	11,270.16	7,119.04	69.33	67.98	76.56	-512.11	-3,247.54	801.22	667.27	133.95	5.981		
11,700.00	7,305.35	11,370.15	7,118.02	70.93	69.59	76.54	-514.10	-3,347.51	800.26	663.17	137.10	5.837		
11,800.00	7,304.43	11,470.15	7,117.00	72.53	71.20	76.52	-516.08	-3,447.48	799.30	659.06	140.25	5.699		
11,900.00	7,303.52	11,570.14	7,115.99	74.13	72.82	76.49	-518.06	-3,547.45	798.35	654.95	143.40	5.567		
12,000.00	7,302.60	11,670.14	7,114.97	75.74	74.44	76.47	-520.04	-3,647.42	797.39	650.83	146.56	5.441		
12,069.25	7,301.97	11,731.74	7,114.34	76.85	75.43	76.46	-521.12	-3,709.01	796.90	648.32	148.58	5.363		
12,100.00	7,301.69	11,755.95	7,114.10	77.34	75.83	76.46	-521.26	-3,733.21	797.02	647.62	149.40	5.335		
12,200.00	7,300.77	11,849.20	7,113.15	78.96	77.34	76.47	-520.70	-3,826.46	798.55	646.14	152.42	5.239		
12,300.00	7,299.85	11,949.19	7,112.13	80.57	78.97	76.49	-519.98	-3,926.44	800.22	644.61	155.61	5.142		
12,400.00	7,298.94	12,049.18	7,111.11	82.19	80.60	76.52	-519.27	-4,026.42	801.89	643.07	158.82	5.049		
12,500.00	7,298.02	12,149.16	7,110.09	83.80	82.23	76.54	-518.55	-4,126.40	803.55	641.53	162.02	4.960		
12,600.00	7,297.11	12,249.15	7,109.08	85.42	83.86	76.56	-517.83	-4,226.38	805.22	639.99	165.23	4.873		
12,700.00	7,296.19	12,349.13	7,108.06	87.05	85.49	76.58	-517.12	-4,326.35	806.88	638.44	168.44	4.790		
12,800.00	7,295.28	12,449.12	7,107.04	88.67	87.13	76.60	-516.40	-4,426.33	808.55	636.89	171.66	4.710		
12,900.00	7,294.36	12,549.10	7,106.02	90.30	88.76	76.62	-515.68	-4,526.31	810.22	635.34	174.88	4.633		
13,000.00	7,293.44	12,649.09	7,105.01	91.92	90.40	76.64	-514.97	-4,626.29	811.88	633.78	178.11	4.558		
13,100.00	7,292.53	12,749.08	7,103.99	93.55	92.04	76.66	-514.25	-4,726.27	813.55	632.22	181.33	4.486		
13,200.00	7,291.61	12,849.06	7,102.97	95.18	93.68	76.68	-513.53	-4,826.24	815.22	630.65	184.56	4.417		
13,300.00	7,290.70	12,949.05	7,101.95	96.82	95.32	76.70	-512.81	-4,926.22	816.88	629.09	187.80	4.350		
13,400.00	7,289.78	13,049.03	7,100.94	98.45	96.97	76.72	-512.10	-5,026.20	818.55	627.52	191.03	4.285		
13,500.00	7,288.87	13,149.02	7,099.92	100.08	98.61	76.74	-511.38	-5,126.18	820.22	625.95	194.27	4.222		
13,600.00	7,287.95	13,249.00	7,098.90	101.72	100.26	76.76	-510.66	-5,226.15	821.89	624.37	197.51	4.161		
13,700.00	7,287.03	13,348.99	7,097.88	103.36	101.90	76.78	-509.95	-5,326.13	823.55	622.80	200.75	4.102		
13,800.00	7,286.12	13,448.98	7,096.86	105.00	103.55	76.80	-509.23	-5,426.11	825.22	621.22	204.00	4.045		
13,900.00	7,285.20	13,548.96	7,095.85	106.64	105.20	76.82	-508.51	-5,526.09	826.89	619.64	207.25	3.990		
14,000.00	7,284.29	13,648.95	7,094.83	108.28	106.85	76.84	-507.79	-5,626.07	828.55	618.06	210.50	3.936		
14,100.00	7,283.37	13,748.93	7,093.81	109.92	108.50	76.86	-507.08	-5,726.04	830.22	616.47	213.75	3.884		
14,200.00	7,282.46	13,848.92	7,092.79	111.56	110.15	76.88	-506.36	-5,826.02	831.89	614.89	217.00	3.834		
14,300.00	7,281.54	13,948.90	7,091.78	113.20	111.80	76.90	-505.64	-5,926.00	833.56	613.30	220.26	3.784		
14,400.00	7,280.63	14,048.89	7,090.76	114.85	113.45	76.92	-504.93	-6,025.98	835.23	611.71	223.51	3.737		
14,500.00	7,279.71	14,148.88	7,089.74	116.49	115.10	76.94	-504.21	-6,125.96	836.89	610.12	226.77	3.690		
14,600.00	7,278.79	14,248.86	7,088.72	118.14	116.76	76.96	-503.49	-6,225.93	838.56	608.53	230.03	3.645		
14,700.00	7,277.88	14,348.85	7,087.71	119.79	118.41	76.98	-502.78	-6,325.91	840.23	606.93	233.30	3.602		
14,800.00	7,276.96	14,448.83	7,086.69	121.43	120.06	77.00	-502.06	-6,425.89	841.90	605.34	236.56	3.559		
14,900.00	7,276.05	14,548.82	7,085.67	123.08	121.72	77.02	-501.34	-6,525.87	843.57	603.74	239.83	3.517		
15,000.00	7,275.13	14,648.80	7,084.65	124.73	123.37	77.03	-500.62	-6,625.85	845.24	602.14	243.09	3.477		
15,100.00	7,274.22	14,748.79	7,083.63	126.38	125.03	77.05	-499.91	-6,725.82	846.90	600.54	246.36	3.438		
15,200.00	7,273.30	14,848.77	7,082.62	128.03	126.69	77.07	-499.19	-6,825.80	848.57	598.94	249.63	3.399		
15,300.00	7,272.38	14,948.76	7,081.60	129.68	128.34	77.09	-498.47	-6,925.78	850.24	597.34	252.90	3.362		
15,400.00	7,271.47	15,048.75	7,080.58	131.33	130.00	77.11	-497.76	-7,025.76	851.91	595.74	256.17	3.326		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,270.55	15,148.73	7,079.56	132.98	131.66	77.13	-497.04	-7,125.74	853.58	594.14	259.44	3.290	
15,551.16	7,270.08	15,199.88	7,079.04	133.83	132.51	77.14	-496.67	-7,176.88	854.43	593.31	261.12	3.272 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	1.00	-1.00	3.28	3.28	-4.66	119.49	-9.73	119.89				
100.00	100.00	101.00	99.00	3.28	3.28	-4.66	119.49	-9.73	119.89	112.36	7.53	15.924	
200.00	200.00	201.00	199.00	3.31	3.31	-4.66	119.49	-9.73	119.89	112.31	7.57	15.828	CC, ES
300.00	299.99	299.60	299.60	3.35	3.35	-140.64	119.42	-9.47	120.65	112.99	7.66	15.755	
400.00	399.88	401.14	401.08	3.41	3.41	-140.58	118.51	-6.40	123.01	115.24	7.78	15.821	
500.00	499.55	502.66	502.37	3.49	3.50	-140.01	116.58	0.12	126.78	118.84	7.94	15.968	
600.00	598.89	604.09	603.26	3.60	3.61	-138.98	113.64	10.06	131.99	123.84	8.16	16.182	
700.00	697.76	705.39	703.60	3.75	3.75	-137.58	109.69	23.40	138.68	130.25	8.43	16.443	
800.00	796.05	805.83	802.60	3.95	3.93	-136.05	104.89	39.64	147.01	138.23	8.78	16.742	
900.00	893.63	905.24	900.49	4.19	4.14	-135.37	99.98	56.21	157.74	148.54	9.19	17.156	
1,000.00	990.55	1,004.41	998.16	4.48	4.38	-135.52	95.09	72.74	170.52	160.86	9.66	17.646	
1,100.00	1,087.39	1,103.56	1,095.79	4.81	4.63	-135.79	90.21	89.27	183.53	173.36	10.17	18.039	
1,200.00	1,184.23	1,202.71	1,193.43	5.17	4.91	-136.02	85.32	105.79	196.54	185.82	10.72	18.331	
1,300.00	1,281.07	1,301.85	1,291.07	5.55	5.19	-136.22	80.43	122.32	209.56	198.25	11.30	18.542	
1,400.00	1,377.91	1,401.00	1,388.71	5.95	5.49	-136.40	75.54	138.85	222.57	210.66	11.91	18.691	
1,500.00	1,474.75	1,500.15	1,486.35	6.36	5.80	-136.56	70.65	155.37	235.59	223.05	12.54	18.792	
1,600.00	1,571.59	1,600.71	1,583.98	6.79	6.13	-136.70	65.76	171.90	248.61	235.42	13.19	18.850	
1,700.00	1,668.44	1,701.56	1,681.62	7.23	6.46	-136.83	60.87	188.42	261.63	247.77	13.86	18.879	
1,800.00	1,765.28	1,802.41	1,779.26	7.67	6.80	-136.95	55.98	204.95	274.65	260.11	14.54	18.893	
1,900.00	1,862.12	1,903.26	1,876.90	7.92	6.98	-137.05	51.09	221.47	287.67	273.14	14.53	19.800	
2,000.00	1,958.96	2,004.12	1,974.53	7.98	7.02	-137.15	46.21	238.00	300.70	286.09	14.60	20.589	
2,100.00	2,055.80	2,104.97	2,072.17	8.06	7.08	-137.23	41.32	254.53	313.72	299.00	14.72	21.318	
2,200.00	2,152.64	2,205.82	2,169.81	8.16	7.15	-137.32	36.43	271.05	326.75	311.88	14.86	21.985	
2,300.00	2,249.48	2,306.68	2,267.45	8.28	7.24	-137.39	31.54	287.58	339.77	324.73	15.04	22.588	
2,400.00	2,346.32	2,407.53	2,365.09	8.42	7.35	-137.46	26.65	304.10	352.80	337.54	15.25	23.127	
2,500.00	2,443.16	2,491.62	2,462.72	8.58	7.45	-137.52	21.76	320.63	365.82	350.35	15.48	23.635	
2,600.00	2,540.00	2,609.23	2,560.36	8.76	7.60	-137.58	16.87	337.15	378.85	363.08	15.77	24.022	
2,700.00	2,636.84	2,689.91	2,658.00	8.95	7.72	-137.64	11.98	353.68	391.88	375.84	16.04	24.428	
2,800.00	2,733.69	2,789.06	2,755.64	9.16	7.88	-137.69	7.09	370.21	404.91	388.54	16.36	24.743	
2,900.00	2,830.53	2,888.21	2,853.28	9.38	8.04	-137.74	2.21	386.73	417.93	401.22	16.71	25.009	
3,000.00	2,927.37	2,987.35	2,950.91	9.61	8.22	-137.79	-2.68	403.26	430.96	413.88	17.08	25.231	
3,100.00	3,024.21	3,086.50	3,048.55	9.85	8.41	-137.83	-7.57	419.78	443.99	426.52	17.47	25.412	
3,200.00	3,121.05	3,185.65	3,146.19	10.11	8.61	-137.87	-12.46	436.31	457.02	439.14	17.88	25.557	
3,300.00	3,217.89	3,284.80	3,243.83	10.38	8.82	-137.91	-17.35	452.84	470.05	451.74	18.31	25.669	
3,400.00	3,314.73	3,383.94	3,341.46	10.65	9.03	-137.95	-22.24	469.36	483.08	464.32	18.76	25.753	
3,500.00	3,411.57	3,483.09	3,439.10	10.94	9.25	-137.98	-27.13	485.89	496.11	476.89	19.22	25.811	
3,600.00	3,508.41	3,582.24	3,536.74	11.23	9.48	-138.02	-32.02	502.41	509.14	489.44	19.70	25.847	
3,700.00	3,605.25	3,681.38	3,634.38	11.53	9.72	-138.05	-36.91	518.94	522.17	501.98	20.19	25.864	
3,800.00	3,702.09	3,780.53	3,732.02	11.84	9.96	-138.08	-41.79	535.46	535.20	514.50	20.69	25.864	
3,900.00	3,798.94	3,879.68	3,829.65	12.15	10.21	-138.11	-46.68	551.99	548.23	527.02	21.21	25.849	
4,000.00	3,895.78	3,978.82	3,927.29	12.47	10.47	-138.13	-51.57	568.52	561.26	539.52	21.74	25.823	
4,100.00	3,992.62	4,077.97	4,024.93	12.80	10.72	-138.16	-56.46	585.04	574.29	552.01	22.27	25.785	
4,200.00	4,089.46	4,177.12	4,122.57	13.13	10.99	-138.18	-61.35	601.57	587.32	564.50	22.82	25.739	
4,300.00	4,186.30	4,276.27	4,220.20	13.46	11.26	-138.21	-66.24	618.09	600.35	576.97	23.37	25.686	
4,400.00	4,283.14	4,375.41	4,317.84	13.80	11.53	-138.23	-71.13	634.62	613.38	589.44	23.94	25.626	
4,500.00	4,379.98	4,474.56	4,415.48	14.15	11.80	-138.25	-76.02	651.14	626.41	601.90	24.51	25.561	
4,600.00	4,476.82	4,573.71	4,513.12	14.49	12.08	-138.27	-80.91	667.67	639.44	614.36	25.08	25.493	
4,700.00	4,573.66	4,672.85	4,610.76	14.84	12.36	-138.29	-85.79	684.20	652.47	626.80	25.67	25.420	
4,800.00	4,670.50	4,772.00	4,708.39	15.20	12.65	-138.31	-90.68	700.72	665.50	639.24	26.26	25.345	
4,900.00	4,767.35	4,871.15	4,806.03	15.56	12.94	-138.33	-95.57	717.25	678.53	651.68	26.85	25.268	
5,000.00	4,864.19	4,970.30	4,903.67	15.92	13.23	-138.35	-100.46	733.77	691.56	664.11	27.45	25.190	
5,100.00	4,961.03	5,069.44	5,001.31	16.28	13.52	-138.36	-105.35	750.30	704.59	676.53	28.06	25.110	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
5,200.00	5,057.87	5,168.59	5,098.95	16.64	13.82	-138.38	-110.24	766.82	717.63	688.96	28.67	25.030		
5,300.00	5,154.71	5,267.74	5,196.58	17.01	14.12	-138.40	-115.13	783.35	730.66	701.37	29.29	24.950		
5,400.00	5,251.55	5,366.88	5,294.22	17.38	14.41	-138.41	-120.02	799.88	743.69	713.78	29.90	24.869		
5,500.00	5,348.39	5,466.03	5,391.86	17.75	14.72	-138.43	-124.91	816.40	756.72	726.19	30.53	24.788		
5,600.00	5,445.23	5,565.18	5,489.50	18.13	15.02	-138.44	-129.79	832.93	769.75	738.60	31.15	24.708		
5,700.00	5,542.07	5,664.33	5,587.13	18.50	15.33	-138.45	-134.68	849.45	782.78	751.00	31.78	24.629		
5,800.00	5,638.91	5,763.47	5,684.77	18.88	15.63	-138.47	-139.57	865.98	795.81	763.40	32.42	24.550		
5,900.00	5,735.75	5,862.62	5,782.41	19.26	15.94	-138.48	-144.46	882.51	808.85	775.79	33.05	24.472		
6,000.00	5,832.60	5,961.77	5,880.05	19.64	16.25	-138.49	-149.35	899.03	821.88	788.19	33.69	24.395		
6,100.00	5,929.44	6,060.91	5,977.69	20.02	16.56	-138.51	-154.24	915.56	834.91	800.58	34.33	24.319		
6,200.00	6,026.28	6,160.06	6,075.32	20.40	16.87	-138.52	-159.13	932.08	847.94	812.96	34.98	24.244		
6,300.00	6,123.12	6,259.21	6,172.96	20.79	17.19	-138.53	-164.02	948.61	860.97	825.35	35.62	24.170		
6,400.00	6,219.96	6,358.36	6,270.60	21.17	17.50	-138.54	-168.91	965.13	874.00	837.73	36.27	24.097		
6,500.00	6,316.80	6,457.50	6,368.24	21.56	17.82	-138.55	-173.79	981.66	887.03	850.11	36.92	24.025		
6,600.00	6,413.64	6,556.65	6,465.88	21.94	18.13	-138.56	-178.68	998.19	900.07	862.49	37.57	23.955		
6,700.00	6,510.48	6,650.02	6,558.44	22.33	18.35	-138.88	-183.36	1,008.83	913.36	875.27	38.10	23.975		
6,800.00	6,607.32	6,739.10	6,647.30	22.72	18.47	-140.16	-187.96	1,006.40	927.61	889.17	38.44	24.133		
6,900.00	6,705.10	6,824.11	6,730.99	22.99	18.54	179.15	-192.39	992.52	942.91	904.30	38.61	24.423		
7,000.00	6,803.10	6,906.90	6,810.00	23.16	18.57	134.90	-196.67	968.40	958.58	919.91	38.67	24.790		
7,100.00	6,898.92	6,987.92	6,883.67	23.27	18.56	112.20	-200.76	935.06	974.06	935.41	38.65	25.202		
7,200.00	6,990.18	7,067.56	6,951.39	23.33	18.54	100.81	-204.60	893.41	988.82	950.24	38.58	25.630		
7,300.00	7,074.65	7,146.18	7,012.63	23.34	18.52	94.09	-208.18	844.31	1,002.38	963.89	38.49	26.042		
7,400.00	7,150.25	7,224.07	7,066.88	23.30	18.49	89.72	-211.46	788.58	1,014.33	975.90	38.42	26.398		
7,500.00	7,215.10	7,300.00	7,112.84	23.24	18.48	86.76	-214.35	728.27	1,024.32	985.89	38.43	26.656		
7,600.00	7,267.63	7,378.70	7,152.56	23.15	18.51	84.80	-216.98	660.44	1,032.08	993.54	38.54	26.777		
7,700.00	7,306.52	7,455.90	7,183.11	23.04	18.57	83.64	-219.16	589.63	1,037.43	998.63	38.81	26.733		
7,800.00	7,330.84	7,533.30	7,204.93	22.92	18.69	83.15	-220.93	515.43	1,040.25	1,001.01	39.24	26.507		
7,900.00	7,339.97	7,611.13	7,217.64	22.81	18.86	83.29	-222.24	438.72	1,040.50	1,000.66	39.85	26.113		
7,993.57	7,340.28	7,685.25	7,220.98	22.73	19.09	83.47	-223.05	364.72	1,040.15	999.61	40.53	25.661		
8,000.00	7,339.23	7,708.32	7,220.92	22.72	19.18	83.52	-223.10	358.28	1,039.86	999.20	40.66	25.574		
8,100.00	7,338.31	7,808.32	7,220.05	22.74	19.63	83.53	-223.92	258.29	1,040.01	998.38	41.63	24.985		
8,200.00	7,337.40	7,908.32	7,219.18	22.95	20.24	83.53	-224.74	158.30	1,040.16	997.32	42.83	24.284		
8,300.00	7,336.48	8,008.32	7,218.30	23.46	20.96	83.53	-225.55	58.30	1,040.31	996.04	44.26	23.503		
8,400.00	7,335.57	8,108.32	7,217.43	24.21	21.81	83.53	-226.37	-41.69	1,040.46	994.56	45.89	22.671		
8,500.00	7,334.65	8,208.32	7,216.56	25.11	22.74	83.54	-227.19	-141.68	1,040.61	992.90	47.71	21.813		
8,600.00	7,333.73	8,308.32	7,215.69	26.11	23.77	83.54	-228.00	-241.68	1,040.76	991.08	49.68	20.950		
8,700.00	7,332.82	8,408.32	7,214.82	27.17	24.86	83.54	-228.82	-341.67	1,040.90	989.11	51.79	20.098		
8,800.00	7,331.90	8,508.32	7,213.94	28.30	26.02	83.55	-229.64	-441.66	1,041.05	987.03	54.03	19.269		
8,900.00	7,330.99	8,608.32	7,213.07	29.48	27.23	83.55	-230.45	-541.65	1,041.20	984.83	56.38	18.469		
9,000.00	7,330.07	8,708.32	7,212.20	30.71	28.49	83.55	-231.27	-641.65	1,041.35	982.53	58.82	17.704		
9,100.00	7,329.16	8,808.32	7,211.33	31.97	29.79	83.56	-232.09	-741.64	1,041.50	980.15	61.35	16.976		
9,200.00	7,328.24	8,908.32	7,210.45	33.27	31.12	83.56	-232.90	-841.63	1,041.65	977.70	63.95	16.287		
9,300.00	7,327.32	9,008.32	7,209.58	34.60	32.49	83.56	-233.72	-941.62	1,041.80	975.18	66.62	15.637		
9,400.00	7,326.41	9,108.32	7,208.71	35.96	33.89	83.57	-234.53	-1,041.62	1,041.95	972.60	69.35	15.024		
9,500.00	7,325.49	9,208.32	7,207.84	37.35	35.30	83.57	-235.35	-1,141.61	1,042.10	969.97	72.13	14.447		
9,600.00	7,324.58	9,308.32	7,206.96	38.75	36.75	83.57	-236.17	-1,241.60	1,042.25	967.29	74.96	13.905		
9,700.00	7,323.66	9,408.32	7,206.09	40.17	38.21	83.58	-236.98	-1,341.60	1,042.40	964.57	77.82	13.394		
9,800.00	7,322.75	9,508.32	7,205.22	41.62	39.68	83.58	-237.80	-1,441.59	1,042.55	961.82	80.73	12.915		
9,900.00	7,321.83	9,608.32	7,204.35	43.07	41.17	83.58	-238.62	-1,541.58	1,042.70	959.03	83.66	12.463		
10,000.00	7,320.91	9,708.32	7,203.47	44.55	42.68	83.59	-239.43	-1,641.57	1,042.85	956.22	86.63	12.038		
10,100.00	7,320.00	9,808.32	7,202.60	46.03	44.20	83.59	-240.25	-1,741.57	1,042.99	953.38	89.62	11.638		
10,200.00	7,319.08	9,908.32	7,201.73	47.53	45.72	83.59	-241.07	-1,841.56	1,043.14	950.51	92.63	11.261		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	7,318.17	10,008.32	7,200.86	49.04	47.26	83.60	-241.88	-1,941.55	1,043.29	947.63	95.67	10.905				
10,400.00	7,317.25	10,108.32	7,199.98	50.56	48.81	83.60	-242.70	-2,041.54	1,043.44	944.72	98.72	10.569				
10,500.00	7,316.34	10,208.32	7,199.11	52.09	50.36	83.60	-243.52	-2,141.54	1,043.59	941.79	101.80	10.252				
10,600.00	7,315.42	10,308.32	7,198.24	53.62	51.93	83.61	-244.33	-2,241.53	1,043.74	938.85	104.89	9.951				
10,700.00	7,314.50	10,408.32	7,197.37	55.17	53.50	83.61	-245.15	-2,341.52	1,043.89	935.90	107.99	9.666				
10,800.00	7,313.59	10,508.32	7,196.49	56.72	55.07	83.61	-245.97	-2,441.52	1,044.04	932.93	111.11	9.396				
10,900.00	7,312.67	10,591.68	7,195.62	58.28	56.39	83.62	-246.78	-2,541.51	1,044.19	930.21	113.98	9.161				
11,000.00	7,311.76	10,708.32	7,194.75	59.84	58.24	83.62	-247.60	-2,641.50	1,044.34	926.96	117.38	8.897				
11,100.00	7,310.84	10,808.32	7,193.88	61.41	59.83	83.62	-248.42	-2,741.49	1,044.49	923.95	120.54	8.665				
11,200.00	7,309.93	10,908.32	7,193.00	62.99	61.42	83.63	-249.23	-2,841.49	1,044.64	920.94	123.70	8.445				
11,300.00	7,309.01	11,008.32	7,192.13	64.57	63.02	83.63	-250.05	-2,941.48	1,044.79	917.92	126.87	8.235				
11,400.00	7,308.10	11,108.32	7,191.26	66.15	64.63	83.63	-250.86	-3,041.47	1,044.94	914.89	130.05	8.035				
11,500.00	7,307.18	11,208.32	7,190.39	67.74	66.23	83.64	-251.68	-3,141.46	1,045.09	911.85	133.24	7.844				
11,600.00	7,306.26	11,308.32	7,189.51	69.33	67.84	83.64	-252.50	-3,241.46	1,045.23	908.80	136.43	7.661				
11,700.00	7,305.35	11,408.32	7,188.64	70.93	69.46	83.64	-253.31	-3,341.45	1,045.38	905.75	139.63	7.487				
11,800.00	7,304.43	11,508.32	7,187.77	72.53	71.07	83.65	-254.13	-3,441.44	1,045.53	902.69	142.84	7.320				
11,900.00	7,303.52	11,608.32	7,186.90	74.13	72.69	83.65	-254.95	-3,541.44	1,045.68	899.63	146.05	7.160				
12,000.00	7,302.60	11,708.32	7,186.02	75.74	74.31	83.65	-255.76	-3,641.43	1,045.83	896.56	149.27	7.006				
12,100.00	7,301.69	11,808.32	7,185.15	77.34	75.94	83.66	-256.58	-3,741.42	1,045.98	893.48	152.50	6.859				
12,200.00	7,300.77	11,908.32	7,184.28	78.96	77.56	83.66	-257.40	-3,841.41	1,046.13	890.40	155.73	6.718				
12,300.00	7,299.85	12,008.32	7,183.41	80.57	79.19	83.66	-258.21	-3,941.41	1,046.28	887.32	158.96	6.582				
12,400.00	7,298.94	12,108.32	7,182.53	82.19	80.82	83.67	-259.03	-4,041.40	1,046.43	884.23	162.20	6.452				
12,500.00	7,298.02	12,208.32	7,181.66	83.80	82.45	83.67	-259.85	-4,141.39	1,046.58	881.14	165.44	6.326				
12,600.00	7,297.11	12,308.32	7,180.79	85.42	84.08	83.67	-260.66	-4,241.38	1,046.73	878.04	168.69	6.205				
12,700.00	7,296.19	12,408.32	7,179.92	87.05	85.72	83.68	-261.48	-4,341.38	1,046.88	874.94	171.93	6.089				
12,800.00	7,295.28	12,508.32	7,179.04	88.67	87.35	83.68	-262.30	-4,441.37	1,047.03	871.84	175.19	5.977				
12,900.00	7,294.36	12,608.32	7,178.17	90.30	88.99	83.68	-263.11	-4,541.36	1,047.18	868.73	178.44	5.868				
13,000.00	7,293.44	12,708.32	7,177.30	91.92	90.63	83.69	-263.93	-4,641.36	1,047.33	865.62	181.70	5.764				
13,100.00	7,292.53	12,808.32	7,176.43	93.55	92.27	83.69	-264.75	-4,741.35	1,047.48	862.51	184.96	5.663				
13,200.00	7,291.61	12,908.32	7,175.55	95.18	93.91	83.69	-265.56	-4,841.34	1,047.63	859.40	188.23	5.566				
13,300.00	7,290.70	13,008.32	7,174.68	96.82	95.55	83.70	-266.38	-4,941.33	1,047.77	856.28	191.49	5.472				
13,400.00	7,289.78	13,108.32	7,173.81	98.45	97.20	83.70	-267.19	-5,041.33	1,047.92	853.16	194.76	5.380				
13,500.00	7,288.87	13,208.32	7,172.94	100.08	98.84	83.70	-268.01	-5,141.32	1,048.07	850.04	198.04	5.292				
13,600.00	7,287.95	13,308.32	7,172.07	101.72	100.49	83.71	-268.83	-5,241.31	1,048.22	846.91	201.31	5.207				
13,700.00	7,287.03	13,408.32	7,171.19	103.36	102.13	83.71	-269.64	-5,341.30	1,048.37	843.79	204.59	5.124				
13,800.00	7,286.12	13,508.32	7,170.32	105.00	103.78	83.71	-270.46	-5,441.30	1,048.52	840.66	207.86	5.044				
13,900.00	7,285.20	13,608.32	7,169.45	106.64	105.43	83.72	-271.28	-5,541.29	1,048.67	837.53	211.14	4.967				
14,000.00	7,284.29	13,708.32	7,168.58	108.28	107.08	83.72	-272.09	-5,641.28	1,048.82	834.40	214.43	4.891				
14,100.00	7,283.37	13,808.32	7,167.70	109.92	108.73	83.72	-272.91	-5,741.28	1,048.97	831.26	217.71	4.818				
14,200.00	7,282.46	13,908.32	7,166.83	111.56	110.38	83.73	-273.73	-5,841.27	1,049.12	828.13	220.99	4.747				
14,300.00	7,281.54	14,008.33	7,165.96	113.20	112.03	83.73	-274.54	-5,941.26	1,049.27	824.99	224.28	4.678				
14,400.00	7,280.63	14,108.33	7,165.09	114.85	113.68	83.73	-275.36	-6,041.25	1,049.42	821.85	227.57	4.611				
14,500.00	7,279.71	14,208.33	7,164.21	116.49	115.33	83.74	-276.18	-6,141.25	1,049.57	818.71	230.86	4.546				
14,600.00	7,278.79	14,308.33	7,163.34	118.14	116.99	83.74	-276.99	-6,241.24	1,049.72	815.57	234.15	4.483				
14,700.00	7,277.88	14,408.33	7,162.47	119.79	118.64	83.74	-277.81	-6,341.23	1,049.87	812.42	237.44	4.422				
14,800.00	7,276.96	14,508.33	7,161.60	121.43	120.29	83.75	-278.63	-6,441.22	1,050.02	809.28	240.74	4.362				
14,900.00	7,276.05	14,608.33	7,160.72	123.08	121.95	83.75	-279.44	-6,541.22	1,050.17	806.14	244.03	4.303				
15,000.00	7,275.13	14,708.33	7,159.85	124.73	123.60	83.75	-280.26	-6,641.21	1,050.32	802.99	247.33	4.247				
15,100.00	7,274.22	14,808.33	7,158.98	126.38	125.26	83.76	-281.08	-6,741.20	1,050.46	799.84	250.62	4.191				
15,200.00	7,273.30	14,908.33	7,158.11	128.03	126.92	83.76	-281.89	-6,841.20	1,050.61	796.69	253.92	4.138				
15,300.00	7,272.38	15,008.33	7,157.23	129.68	128.57	83.76	-282.71	-6,941.19	1,050.76	793.54	257.22	4.085				
15,400.00	7,271.47	15,091.67	7,156.36	131.33	129.95	83.77	-283.53	-7,041.18	1,050.91	790.67	260.25	4.038				

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,270.55	15,191.67	7,155.49	132.98	131.61	83.77	-284.34	-7,141.17	1,051.06	787.52	263.55	3.988	
15,551.16	7,270.08	15,233.05	7,155.13	133.83	132.30	83.77	-284.68	-7,182.54	1,051.18	786.18	265.00	3.967 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	0.00	0.00	3.28	3.28	176.03	-20.04	1.39	20.09							
100.00	100.00	100.00	100.00	3.28	3.28	176.03	-20.04	1.39	20.09	12.56	7.53	2.668				
200.00	200.00	200.00	200.00	3.31	3.31	176.03	-20.04	1.39	20.09	12.51	7.57	2.652	CC, ES			
300.00	299.99	299.45	299.43	3.35	3.35	39.19	-21.29	2.58	20.57	12.92	7.65	2.688				
400.00	399.88	398.88	398.72	3.41	3.41	38.16	-25.03	6.15	21.13	13.37	7.76	2.722				
500.00	499.55	498.28	497.75	3.49	3.49	37.30	-31.27	12.09	21.70	13.79	7.91	2.743				
600.00	598.89	597.67	596.39	3.60	3.60	36.59	-39.99	20.39	22.28	14.18	8.11	2.749				
700.00	697.76	697.03	694.54	3.75	3.76	36.03	-51.18	31.05	22.87	14.52	8.35	2.739				
800.00	796.05	796.37	792.07	3.95	3.96	35.60	-64.83	44.04	23.47	14.82	8.65	2.714				
900.00	893.63	895.69	888.87	4.19	4.20	35.30	-80.91	59.36	24.06	15.06	9.00	2.673				
1,000.00	990.55	995.17	985.03	4.48	4.51	34.50	-99.36	76.93	25.05	15.62	9.43	2.657				
1,100.00	1,087.39	1,104.84	1,081.44	4.81	4.89	33.02	-118.56	95.22	26.57	16.63	9.94	2.673				
1,200.00	1,184.23	1,195.15	1,177.85	5.17	5.23	31.69	-137.77	113.50	28.11	17.68	10.43	2.694				
1,300.00	1,281.07	1,304.87	1,274.25	5.55	5.68	30.51	-156.97	131.79	29.67	18.66	11.01	2.694				
1,400.00	1,377.91	1,395.12	1,370.66	5.95	6.06	29.45	-176.17	150.08	31.23	19.68	11.55	2.704				
1,500.00	1,474.75	1,504.90	1,467.06	6.36	6.54	28.48	-195.38	168.37	32.81	20.64	12.17	2.696				
1,600.00	1,571.59	1,604.91	1,563.47	6.79	6.99	27.61	-214.58	186.65	34.39	21.62	12.77	2.693				
1,700.00	1,668.44	1,704.92	1,659.87	7.23	7.45	26.81	-233.79	204.94	35.98	22.60	13.38	2.688				
1,800.00	1,765.28	1,795.06	1,756.28	7.67	7.87	26.08	-252.99	223.23	37.58	23.60	13.98	2.689				
1,900.00	1,862.12	1,904.95	1,852.68	7.92	8.16	25.41	-272.19	241.52	39.18	25.25	13.93	2.813				
2,000.00	1,958.96	1,995.04	1,949.09	7.98	8.22	24.79	-291.40	259.80	40.79	26.84	13.95	2.923				
2,100.00	2,055.80	2,104.98	2,045.49	8.06	8.31	24.22	-310.60	278.09	42.40	28.37	14.03	3.023				
2,200.00	2,152.64	2,195.01	2,141.90	8.16	8.41	23.69	-329.80	296.38	44.02	29.89	14.13	3.115				
2,300.00	2,249.48	2,305.01	2,238.31	8.28	8.56	23.20	-349.01	314.67	45.64	31.36	14.28	3.195				
2,400.00	2,346.32	2,405.02	2,334.71	8.42	8.70	22.74	-368.21	332.95	47.26	32.80	14.46	3.267				
2,500.00	2,443.16	2,505.03	2,431.12	8.58	8.87	22.31	-387.42	351.24	48.89	34.20	14.68	3.330				
2,600.00	2,540.00	2,605.05	2,527.52	8.76	9.06	21.91	-406.62	369.53	50.51	35.58	14.93	3.383				
2,700.00	2,636.84	2,705.06	2,623.93	8.95	9.26	21.54	-425.82	387.82	52.15	36.93	15.21	3.428				
2,800.00	2,733.69	2,805.08	2,720.33	9.16	9.48	21.19	-445.03	406.10	53.78	38.26	15.52	3.465				
2,900.00	2,830.53	2,894.91	2,816.74	9.38	9.68	20.86	-464.23	424.39	55.41	39.57	15.84	3.498				
3,000.00	2,927.37	3,005.10	2,913.14	9.61	9.95	20.54	-483.44	442.68	57.05	40.83	16.22	3.517				
3,100.00	3,024.21	3,105.12	3,009.55	9.85	10.21	20.25	-502.64	460.97	58.69	42.08	16.61	3.534				
3,200.00	3,121.05	3,205.13	3,105.95	10.11	10.48	19.97	-521.84	479.25	60.33	43.31	17.01	3.546				
3,300.00	3,217.89	3,305.15	3,202.36	10.38	10.76	19.71	-541.05	497.54	61.97	44.52	17.44	3.553				
3,400.00	3,314.73	3,394.84	3,298.77	10.65	11.01	19.45	-560.25	515.83	63.61	45.74	17.86	3.561				
3,500.00	3,411.57	3,505.17	3,395.17	10.94	11.34	19.22	-579.45	534.12	65.25	46.90	18.35	3.555				
3,600.00	3,508.41	3,605.19	3,491.58	11.23	11.65	18.99	-598.66	552.40	66.90	48.06	18.83	3.552				
3,700.00	3,605.25	3,705.20	3,587.98	11.53	11.96	18.78	-617.86	570.69	68.54	49.21	19.33	3.546				
3,800.00	3,702.09	3,794.79	3,684.39	11.84	12.25	18.57	-637.07	588.98	70.19	50.38	19.81	3.543				
3,900.00	3,798.94	3,905.23	3,780.79	12.15	12.61	18.37	-656.27	607.27	71.83	51.48	20.36	3.529				
4,000.00	3,895.78	3,994.76	3,877.20	12.47	12.91	18.19	-675.47	625.55	73.48	52.62	20.86	3.523				
4,100.00	3,992.62	4,094.74	3,973.60	12.80	13.25	18.01	-694.68	643.84	75.13	53.73	21.40	3.510				
4,200.00	4,089.46	4,205.27	4,070.01	13.13	13.63	17.84	-713.88	662.13	76.78	54.80	21.98	3.492				
4,300.00	4,186.30	4,305.28	4,166.41	13.46	13.98	17.67	-733.08	680.42	78.43	55.88	22.55	3.479				
4,400.00	4,283.14	4,405.30	4,262.82	13.80	14.33	17.52	-752.29	698.70	80.08	56.96	23.12	3.464				
4,500.00	4,379.98	4,505.31	4,359.23	14.15	14.69	17.37	-771.49	716.99	81.73	58.04	23.69	3.449				
4,600.00	4,476.82	4,594.67	4,455.63	14.49	15.01	17.22	-790.70	735.28	83.38	59.14	24.25	3.439				
4,700.00	4,573.66	4,694.66	4,552.04	14.84	15.37	17.08	-809.90	753.57	85.03	60.20	24.84	3.424				
4,800.00	4,670.50	4,794.65	4,648.44	15.20	15.74	16.95	-829.10	771.85	86.69	61.25	25.43	3.408				
4,900.00	4,767.35	4,905.37	4,744.85	15.56	16.15	16.82	-848.31	790.14	88.34	62.27	26.07	3.388				
5,000.00	4,864.19	5,005.38	4,841.25	15.92	16.53	16.69	-867.51	808.43	89.99	63.31	26.68	3.373				
5,100.00	4,961.03	5,105.39	4,937.66	16.28	16.90	16.57	-886.71	826.72	91.65	64.35	27.29	3.358				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	5,057.87	5,194.59	5,034.06	16.64	17.24	16.46	-905.92	845.00	93.30	65.42	27.88	3.347					
5,300.00	5,154.71	5,305.42	5,130.47	17.01	17.67	16.35	-925.12	863.29	94.96	66.42	28.53	3.328					
5,400.00	5,251.55	5,394.56	5,226.87	17.38	18.01	16.24	-944.33	881.58	96.61	67.48	29.13	3.317					
5,500.00	5,348.39	5,494.55	5,323.28	17.75	18.39	16.14	-963.53	899.87	98.27	68.51	29.76	3.302					
5,600.00	5,445.23	5,605.46	5,419.69	18.13	18.82	16.04	-982.73	918.15	99.92	69.50	30.43	3.284					
5,700.00	5,542.07	5,705.48	5,516.09	18.50	19.21	15.94	-1,001.94	936.44	101.58	70.52	31.06	3.270					
5,800.00	5,638.91	5,794.51	5,612.50	18.88	19.56	15.84	-1,021.14	954.73	103.23	71.57	31.67	3.260					
5,900.00	5,735.75	5,905.51	5,708.90	19.26	20.00	15.75	-1,040.35	973.02	104.89	72.54	32.35	3.243					
6,000.00	5,832.60	5,994.48	5,805.31	19.64	20.35	15.66	-1,059.55	991.30	106.55	73.59	32.96	3.233					
6,100.00	5,929.44	6,105.53	5,901.71	20.02	20.79	15.58	-1,078.75	1,009.59	108.20	74.56	33.64	3.216					
6,200.00	6,026.28	6,205.55	5,998.12	20.40	21.19	15.50	-1,097.96	1,027.88	109.86	75.57	34.29	3.204					
6,300.00	6,123.12	6,305.56	6,094.52	20.79	21.59	15.41	-1,117.16	1,046.17	111.52	76.57	34.95	3.191					
6,400.00	6,219.96	6,405.57	6,190.93	21.17	21.99	15.34	-1,136.36	1,064.45	113.18	77.58	35.60	3.179					
6,500.00	6,316.80	6,494.41	6,287.33	21.56	22.34	15.26	-1,155.57	1,082.74	114.83	78.61	36.22	3.170					
6,600.00	6,413.64	6,600.54	6,390.31	21.94	22.67	17.26	-1,176.13	1,097.52	114.57	77.58	37.00	3.097					
6,700.00	6,510.48	6,705.24	6,492.81	22.33	22.88	27.27	-1,196.80	1,095.47	109.04	70.57	38.46	2.835					
6,778.36	6,586.38	6,781.26	6,566.29	22.64	22.98	40.45	-1,211.73	1,083.25	106.07	65.42	40.65	2.609					
6,800.00	6,607.32	6,801.06	6,585.15	22.72	23.00	44.70	-1,215.58	1,078.60	106.41	65.03	41.38	2.572					
6,900.00	6,705.10	6,889.00	6,666.82	22.99	23.06	25.64	-1,232.35	1,050.84	116.88	73.34	43.54	2.684					
7,000.00	6,803.10	6,972.78	6,740.41	23.16	23.09	-1.57	-1,247.59	1,013.96	137.62	94.36	43.26	3.181					
7,100.00	6,898.92	7,053.24	6,806.02	23.27	23.09	-11.83	-1,261.30	969.54	162.93	121.31	41.62	3.915					
7,200.00	6,990.18	7,131.04	6,863.73	23.33	23.05	-14.22	-1,273.50	918.89	189.10	149.57	39.53	4.784					
7,300.00	7,074.65	7,206.74	6,913.65	23.34	23.01	-14.35	-1,284.19	863.05	214.07	176.61	37.46	5.715					
7,400.00	7,150.25	7,280.77	6,955.84	23.30	22.95	-13.87	-1,293.37	802.97	236.63	200.98	35.65	6.637					
7,500.00	7,215.10	7,353.50	6,990.35	23.24	22.88	-13.31	-1,301.05	739.46	256.03	221.75	34.28	7.469					
7,600.00	7,267.63	7,425.23	7,017.21	23.15	22.80	-12.80	-1,307.21	673.27	271.78	238.32	33.45	8.124					
7,700.00	7,306.52	7,496.24	7,036.44	23.04	22.71	-12.42	-1,311.86	605.11	283.55	250.29	33.25	8.527					
7,800.00	7,330.84	7,566.77	7,048.05	22.92	22.62	-12.15	-1,314.99	535.65	291.12	257.42	33.69	8.640					
7,900.00	7,339.97	7,637.03	7,052.05	22.81	22.54	-12.02	-1,316.59	465.56	294.37	259.64	34.72	8.478					
8,000.00	7,339.23	7,732.62	7,050.89	22.72	22.46	-11.98	-1,317.45	369.98	294.78	258.99	35.79	8.237					
8,100.00	7,338.31	7,832.62	7,049.59	22.74	22.46	-11.95	-1,318.33	269.99	295.14	258.28	36.86	8.007					
8,200.00	7,337.40	7,932.62	7,048.29	22.95	22.66	-11.91	-1,319.21	170.01	295.49	257.50	38.00	7.777					
8,300.00	7,336.48	8,032.62	7,046.99	23.46	23.17	-11.88	-1,320.09	70.02	295.85	256.66	39.19	7.549					
8,400.00	7,335.57	8,132.62	7,045.69	24.21	23.93	-11.85	-1,320.97	-29.97	296.21	255.77	40.44	7.325					
8,500.00	7,334.65	8,232.62	7,044.40	25.11	24.85	-11.82	-1,321.84	-129.96	296.56	254.83	41.73	7.107					
8,600.00	7,333.73	8,332.62	7,043.10	26.11	25.86	-11.78	-1,322.72	-229.94	296.92	253.86	43.06	6.895					
8,700.00	7,332.82	8,432.62	7,041.80	27.17	26.95	-11.75	-1,323.60	-329.93	297.28	252.84	44.44	6.690					
8,800.00	7,331.90	8,532.62	7,040.50	28.30	28.10	-11.72	-1,324.48	-429.92	297.63	251.79	45.84	6.492					
8,900.00	7,330.99	8,632.61	7,039.20	29.48	29.29	-11.69	-1,325.36	-529.90	297.99	250.71	47.28	6.302					
9,000.00	7,330.07	8,732.61	7,037.90	30.71	30.54	-11.65	-1,326.24	-629.89	298.35	249.60	48.75	6.120					
9,100.00	7,329.16	8,832.61	7,036.60	31.97	31.81	-11.62	-1,327.12	-729.88	298.70	248.46	50.24	5.945					
9,200.00	7,328.24	8,932.61	7,035.30	33.27	33.13	-11.59	-1,328.00	-829.86	299.06	247.30	51.76	5.778					
9,300.00	7,327.32	9,032.61	7,034.00	34.60	34.47	-11.56	-1,328.88	-929.85	299.42	246.12	53.30	5.617					
9,400.00	7,326.41	9,132.61	7,032.70	35.96	35.84	-11.52	-1,329.75	-1,029.84	299.78	244.92	54.86	5.464					
9,500.00	7,325.49	9,232.61	7,031.40	37.35	37.23	-11.49	-1,330.63	-1,129.82	300.14	243.70	56.44	5.318					
9,600.00	7,324.58	9,332.61	7,030.10	38.75	38.65	-11.46	-1,331.51	-1,229.81	300.49	242.46	58.03	5.178					
9,700.00	7,323.66	9,432.61	7,028.80	40.17	40.08	-11.43	-1,332.39	-1,329.80	300.85	241.21	59.64	5.045					
9,800.00	7,322.75	9,532.61	7,027.50	41.62	41.53	-11.40	-1,333.27	-1,429.79	301.21	239.95	61.26	4.917					
9,900.00	7,321.83	9,632.61	7,026.20	43.07	43.00	-11.37	-1,334.15	-1,529.77	301.57	238.68	62.89	4.795					
10,000.00	7,320.91	9,732.61	7,024.90	44.55	44.48	-11.33	-1,335.03	-1,629.76	301.93	237.39	64.54	4.678					
10,100.00	7,320.00	9,832.61	7,023.60	46.03	45.97	-11.30	-1,335.91	-1,729.75	302.28	236.09	66.19	4.567					
10,200.00	7,319.08	9,932.60	7,022.30	47.53	47.48	-11.27	-1,336.79	-1,829.73	302.64	234.78	67.86	4.460					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
10,300.00	7,318.17	10,032.60	7,021.00	49.04	48.99	-11.24	-1,337.66	-1,929.72	303.00	233.47	69.53	4.358		
10,400.00	7,317.25	10,132.60	7,019.70	50.56	50.52	-11.21	-1,338.54	-2,029.71	303.36	232.14	71.22	4.260		
10,500.00	7,316.34	10,232.60	7,018.40	52.09	52.05	-11.18	-1,339.42	-2,129.69	303.72	230.81	72.91	4.166		
10,600.00	7,315.42	10,332.60	7,017.10	53.62	53.60	-11.15	-1,340.30	-2,229.68	304.08	229.47	74.60	4.076		
10,700.00	7,314.50	10,432.60	7,015.80	55.17	55.14	-11.11	-1,341.18	-2,329.67	304.43	228.13	76.31	3.990		
10,800.00	7,313.59	10,532.60	7,014.51	56.72	56.70	-11.08	-1,342.06	-2,429.65	304.79	226.78	78.02	3.907		
10,900.00	7,312.67	10,632.60	7,013.21	58.28	58.26	-11.05	-1,342.94	-2,529.64	305.15	225.42	79.73	3.827		
11,000.00	7,311.76	10,732.60	7,011.91	59.84	59.83	-11.02	-1,343.82	-2,629.63	305.51	224.06	81.45	3.751		
11,100.00	7,310.84	10,832.60	7,010.61	61.41	61.41	-10.99	-1,344.70	-2,729.62	305.87	222.69	83.18	3.677		
11,200.00	7,309.93	10,932.60	7,009.31	62.99	62.98	-10.96	-1,345.57	-2,829.60	306.23	221.32	84.91	3.607		
11,300.00	7,309.01	11,032.60	7,008.01	64.57	64.57	-10.93	-1,346.45	-2,929.59	306.59	219.95	86.64	3.538		
11,400.00	7,308.10	11,132.60	7,006.71	66.15	66.16	-10.90	-1,347.33	-3,029.58	306.95	218.57	88.38	3.473		
11,500.00	7,307.18	11,232.59	7,005.41	67.74	67.75	-10.87	-1,348.21	-3,129.56	307.31	217.18	90.12	3.410		
11,600.00	7,306.26	11,332.59	7,004.11	69.33	69.34	-10.84	-1,349.09	-3,229.55	307.67	215.80	91.87	3.349		
11,700.00	7,305.35	11,432.59	7,002.81	70.93	70.94	-10.81	-1,349.97	-3,329.54	308.03	214.41	93.62	3.290		
11,800.00	7,304.43	11,532.59	7,001.51	72.53	72.54	-10.78	-1,350.85	-3,429.52	308.39	213.02	95.37	3.234		
11,900.00	7,303.52	11,632.59	7,000.21	74.13	74.15	-10.75	-1,351.73	-3,529.51	308.75	211.62	97.12	3.179		
12,000.00	7,302.60	11,732.59	6,998.91	75.74	75.76	-10.72	-1,352.61	-3,629.50	309.11	210.23	98.88	3.126		
12,100.00	7,301.69	11,832.59	6,997.61	77.34	77.37	-10.69	-1,353.48	-3,729.48	309.47	208.83	100.64	3.075		
12,200.00	7,300.77	11,932.59	6,996.31	78.96	78.98	-10.66	-1,354.36	-3,829.47	309.83	207.43	102.40	3.026		
12,300.00	7,299.85	12,032.59	6,995.01	80.57	80.60	-10.63	-1,355.24	-3,929.46	310.19	206.02	104.16	2.978		
12,400.00	7,298.94	12,132.59	6,993.71	82.19	82.22	-10.60	-1,356.12	-4,029.45	310.55	204.62	105.93	2.932		
12,500.00	7,298.02	12,232.59	6,992.41	83.80	83.84	-10.57	-1,357.00	-4,129.43	310.91	203.21	107.70	2.887		
12,600.00	7,297.11	12,332.59	6,991.11	85.42	85.46	-10.54	-1,357.88	-4,229.42	311.27	201.80	109.47	2.844		
12,700.00	7,296.19	12,432.59	6,989.81	87.05	87.08	-10.51	-1,358.76	-4,329.41	311.63	200.39	111.24	2.802		
12,800.00	7,295.28	12,532.58	6,988.51	88.67	88.71	-10.48	-1,359.64	-4,429.39	311.99	198.98	113.01	2.761		
12,900.00	7,294.36	12,632.58	6,987.21	90.30	90.34	-10.45	-1,360.51	-4,529.38	312.35	197.57	114.78	2.721		
13,000.00	7,293.44	12,732.58	6,985.91	91.92	91.97	-10.42	-1,361.39	-4,629.37	312.71	196.16	116.56	2.683		
13,100.00	7,292.53	12,832.58	6,984.61	93.55	93.60	-10.39	-1,362.27	-4,729.35	313.07	194.74	118.33	2.646		
13,200.00	7,291.61	12,932.58	6,983.32	95.18	95.23	-10.36	-1,363.15	-4,829.34	313.43	193.32	120.11	2.610		
13,300.00	7,290.70	13,032.58	6,982.02	96.82	96.86	-10.33	-1,364.03	-4,929.33	313.79	191.91	121.89	2.574		
13,400.00	7,289.78	13,132.58	6,980.72	98.45	98.50	-10.30	-1,364.91	-5,029.31	314.16	190.49	123.67	2.540		
13,500.00	7,288.87	13,232.58	6,979.42	100.08	100.14	-10.27	-1,365.79	-5,129.30	314.52	189.07	125.45	2.507		
13,600.00	7,287.95	13,332.58	6,978.12	101.72	101.77	-10.24	-1,366.67	-5,229.29	314.88	187.65	127.23	2.475		
13,700.00	7,287.03	13,432.58	6,976.82	103.36	103.41	-10.22	-1,367.55	-5,329.27	315.24	186.23	129.01	2.444		
13,800.00	7,286.12	13,532.58	6,975.52	105.00	105.05	-10.19	-1,368.42	-5,429.26	315.60	184.81	130.79	2.413		
13,900.00	7,285.20	13,632.58	6,974.22	106.64	106.69	-10.16	-1,369.30	-5,529.25	315.96	183.39	132.57	2.383		
14,000.00	7,284.29	13,732.58	6,972.92	108.28	108.33	-10.13	-1,370.18	-5,629.24	316.32	181.97	134.36	2.354		
14,100.00	7,283.37	13,832.57	6,971.62	109.92	109.98	-10.10	-1,371.06	-5,729.22	316.69	180.54	136.14	2.326		
14,200.00	7,282.46	13,932.57	6,970.32	111.56	111.62	-10.07	-1,371.94	-5,829.21	317.05	179.12	137.93	2.299		
14,300.00	7,281.54	14,032.57	6,969.02	113.20	113.27	-10.04	-1,372.82	-5,929.20	317.41	177.70	139.71	2.272		
14,400.00	7,280.63	14,132.57	6,967.72	114.85	114.91	-10.01	-1,373.70	-6,029.18	317.77	176.27	141.50	2.246		
14,500.00	7,279.71	14,232.57	6,966.42	116.49	116.56	-9.99	-1,374.58	-6,129.17	318.13	174.85	143.29	2.220		
14,600.00	7,278.79	14,332.57	6,965.12	118.14	118.20	-9.96	-1,375.46	-6,229.16	318.50	173.42	145.07	2.195		
14,700.00	7,277.88	14,432.57	6,963.82	119.79	119.85	-9.93	-1,376.33	-6,329.14	318.86	172.00	146.86	2.171		
14,800.00	7,276.96	14,532.57	6,962.52	121.43	121.50	-9.90	-1,377.21	-6,429.13	319.22	170.57	148.65	2.148		
14,900.00	7,276.05	14,632.57	6,961.22	123.08	123.15	-9.87	-1,378.09	-6,529.12	319.58	169.15	150.44	2.124		
15,000.00	7,275.13	14,732.57	6,959.92	124.73	124.80	-9.84	-1,378.97	-6,629.10	319.94	167.72	152.22	2.102		
15,100.00	7,274.22	14,832.57	6,958.62	126.38	126.45	-9.82	-1,379.85	-6,729.09	320.31	166.30	154.01	2.080		
15,200.00	7,273.30	14,932.57	6,957.32	128.03	128.10	-9.79	-1,380.73	-6,829.08	320.67	164.87	155.80	2.058		
15,300.00	7,272.38	15,032.57	6,956.02	129.68	129.75	-9.76	-1,381.61	-6,929.07	321.03	163.44	157.59	2.037		
15,400.00	7,271.47	15,132.56	6,954.72	131.33	131.40	-9.73	-1,382.49	-7,029.05	321.40	162.02	159.38	2.017		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,270.55	15,232.56	6,953.43	132.98	133.06	-9.70	-1,383.37	-7,129.04	321.76	160.59	161.17	1.996	
15,551.16	7,270.08	15,283.72	6,952.76	133.83	133.90	-9.69	-1,383.81	-7,180.19	321.94	159.86	162.08	1.986 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	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, ES
300.00	299.99	300.31	300.30	3.35	3.35	-141.41	19.24	-1.20	20.14	12.49	7.66	2.631	
400.00	399.88	400.84	400.76	3.41	3.41	-142.09	16.63	1.67	20.82	13.06	7.77	2.681	
500.00	499.55	501.40	501.04	3.49	3.49	-142.27	11.64	7.13	21.62	13.70	7.92	2.730	
600.00	598.89	601.98	601.02	3.60	3.60	-142.00	4.27	15.20	22.53	14.41	8.12	2.775	
700.00	697.76	702.58	700.57	3.75	3.75	-141.33	-5.46	25.85	23.56	15.19	8.37	2.815	
800.00	796.05	803.20	799.58	3.95	3.94	-140.33	-17.54	39.08	24.71	16.02	8.68	2.846	
900.00	893.63	903.83	897.91	4.19	4.17	-139.04	-31.96	54.87	25.98	16.91	9.07	2.865	
1,000.00	990.55	1,004.04	995.20	4.48	4.46	-137.91	-48.11	72.56	27.51	17.96	9.54	2.882	
1,100.00	1,087.39	1,104.02	1,092.25	4.81	4.78	-137.04	-64.35	90.35	29.14	19.05	10.09	2.888	
1,200.00	1,184.23	1,204.01	1,189.29	5.17	5.13	-136.27	-80.59	108.14	30.77	20.09	10.68	2.881	
1,300.00	1,281.07	1,303.99	1,286.33	5.55	5.50	-135.58	-96.84	125.92	32.41	21.10	11.31	2.865	
1,400.00	1,377.91	1,403.98	1,383.37	5.95	5.88	-134.95	-113.08	143.71	34.06	22.08	11.98	2.842	
1,500.00	1,474.75	1,503.96	1,480.41	6.36	6.28	-134.38	-129.32	161.50	35.71	23.03	12.68	2.816	
1,600.00	1,571.59	1,603.95	1,577.45	6.79	6.70	-133.87	-145.56	179.29	37.36	23.96	13.41	2.787	
1,700.00	1,668.44	1,703.94	1,674.49	7.23	7.12	-133.39	-161.80	197.07	39.02	24.87	14.15	2.757	
1,800.00	1,765.28	1,803.92	1,771.53	7.67	7.54	-132.96	-178.05	214.86	40.67	25.77	14.91	2.729	
1,900.00	1,862.12	1,903.91	1,868.57	7.92	7.77	-132.55	-194.29	232.65	42.33	27.39	14.95	2.832	
2,000.00	1,958.96	2,003.89	1,965.62	7.98	7.83	-132.18	-210.53	250.44	43.99	28.94	15.05	2.922	
2,100.00	2,055.80	2,103.88	2,062.66	8.06	7.91	-131.84	-226.77	268.22	45.66	30.46	15.20	3.004	
2,200.00	2,152.64	2,203.86	2,159.70	8.16	8.01	-131.52	-243.01	286.01	47.32	31.94	15.38	3.076	
2,300.00	2,249.48	2,303.85	2,256.74	8.28	8.13	-131.22	-259.26	303.80	48.99	33.38	15.60	3.139	
2,400.00	2,346.32	2,403.84	2,353.78	8.42	8.27	-130.94	-275.50	321.58	50.66	34.80	15.86	3.194	
2,500.00	2,443.16	2,503.82	2,450.82	8.58	8.42	-130.68	-291.74	339.37	52.32	36.18	16.15	3.241	
2,600.00	2,540.00	2,603.81	2,547.86	8.76	8.60	-130.44	-307.98	357.16	53.99	37.53	16.47	3.279	
2,700.00	2,636.84	2,703.79	2,644.90	8.95	8.78	-130.21	-324.22	374.95	55.66	38.85	16.82	3.310	
2,800.00	2,733.69	2,803.78	2,741.94	9.16	8.98	-129.99	-340.47	392.73	57.34	40.14	17.19	3.335	
2,900.00	2,830.53	2,903.77	2,838.99	9.38	9.20	-129.78	-356.71	410.52	59.01	41.41	17.60	3.353	
3,000.00	2,927.37	3,003.75	2,936.03	9.61	9.43	-129.59	-372.95	428.31	60.68	42.65	18.03	3.366	
3,100.00	3,024.21	3,103.74	3,033.07	9.85	9.67	-129.41	-389.19	446.10	62.35	43.88	18.48	3.375	
3,200.00	3,121.05	3,203.72	3,130.11	10.11	9.92	-129.24	-405.43	463.88	64.03	45.08	18.95	3.379	
3,300.00	3,217.89	3,303.71	3,227.15	10.38	10.18	-129.07	-421.68	481.67	65.70	46.26	19.44	3.379	
3,400.00	3,314.73	3,403.69	3,324.19	10.65	10.45	-128.91	-437.92	499.46	67.38	47.43	19.95	3.377	
3,500.00	3,411.57	3,503.68	3,421.23	10.94	10.73	-128.77	-454.16	517.24	69.05	48.57	20.48	3.372	
3,600.00	3,508.41	3,603.67	3,518.27	11.23	11.01	-128.62	-470.40	535.03	70.73	49.71	21.02	3.364	
3,700.00	3,605.25	3,703.65	3,615.31	11.53	11.31	-128.49	-486.64	552.82	72.41	50.83	21.58	3.355	
3,800.00	3,702.09	3,803.64	3,712.36	11.84	11.61	-128.36	-502.89	570.61	74.08	51.93	22.15	3.345	
3,900.00	3,798.94	3,903.62	3,809.40	12.15	11.92	-128.24	-519.13	588.39	75.76	53.03	22.73	3.333	
4,000.00	3,895.78	4,003.61	3,906.44	12.47	12.23	-128.12	-535.37	606.18	77.44	54.11	23.33	3.320	
4,100.00	3,992.62	4,103.60	4,003.48	12.80	12.55	-128.01	-551.61	623.97	79.12	55.18	23.93	3.306	
4,200.00	4,089.46	4,203.58	4,100.52	13.13	12.87	-127.90	-567.85	641.76	80.79	56.25	24.55	3.292	
4,300.00	4,186.30	4,303.57	4,197.56	13.46	13.20	-127.79	-584.10	659.54	82.47	57.30	25.17	3.277	
4,400.00	4,283.14	4,403.55	4,294.60	13.80	13.53	-127.69	-600.34	677.33	84.15	58.35	25.80	3.261	
4,500.00	4,379.98	4,503.54	4,391.64	14.15	13.87	-127.60	-616.58	695.12	85.83	59.39	26.44	3.246	
4,600.00	4,476.82	4,603.52	4,488.68	14.49	14.21	-127.51	-632.82	712.90	87.51	60.42	27.09	3.231	
4,700.00	4,573.66	4,703.51	4,585.72	14.84	14.55	-127.42	-649.06	730.69	89.19	61.45	27.74	3.215	
4,800.00	4,670.50	4,803.50	4,682.77	15.20	14.90	-127.33	-665.31	748.48	90.87	62.47	28.40	3.199	
4,900.00	4,767.35	4,903.48	4,779.81	15.56	15.25	-127.25	-681.55	766.27	92.55	63.48	29.07	3.184	
5,000.00	4,864.19	5,003.47	4,876.85	15.92	15.60	-127.17	-697.79	784.05	94.23	64.49	29.74	3.169	
5,100.00	4,961.03	5,103.45	4,973.89	16.28	15.96	-127.09	-714.03	801.84	95.91	65.49	30.41	3.153	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
5,200.00	5,057.87	5,203.44	5,070.93	16.64	16.31	-127.02	-730.27	819.63	97.59	66.49	31.09	3.138		
5,300.00	5,154.71	5,303.42	5,167.97	17.01	16.67	-126.95	-746.52	837.42	99.27	67.49	31.78	3.124		
5,400.00	5,251.55	5,403.41	5,265.01	17.38	17.04	-126.88	-762.76	855.20	100.95	68.48	32.47	3.109		
5,500.00	5,348.39	5,503.40	5,362.05	17.75	17.40	-126.81	-779.00	872.99	102.63	69.47	33.16	3.095		
5,600.00	5,445.23	5,603.38	5,459.09	18.13	17.77	-126.75	-795.24	890.78	104.31	70.45	33.86	3.081		
5,700.00	5,542.07	5,703.37	5,556.14	18.50	18.13	-126.69	-811.48	908.56	105.99	71.43	34.56	3.067		
5,800.00	5,638.91	5,803.35	5,653.18	18.88	18.50	-126.63	-827.73	926.35	107.67	72.41	35.26	3.053		
5,900.00	5,735.75	5,903.34	5,750.22	19.26	18.87	-126.57	-843.97	944.14	109.35	73.38	35.97	3.040		
6,000.00	5,832.60	6,003.33	5,847.26	19.64	19.25	-126.51	-860.21	961.93	111.04	74.36	36.68	3.027		
6,100.00	5,929.44	6,103.31	5,944.30	20.02	19.62	-126.45	-876.45	979.71	112.72	75.33	37.39	3.014		
6,200.00	6,026.28	6,203.30	6,041.34	20.40	20.00	-126.40	-892.69	997.50	114.40	76.29	38.11	3.002		
6,300.00	6,123.12	6,303.28	6,138.38	20.79	20.37	-126.35	-908.94	1,015.29	116.08	77.26	38.82	2.990		
6,400.00	6,219.96	6,403.27	6,235.42	21.17	20.75	-126.30	-925.18	1,033.08	117.76	78.22	39.54	2.978		
6,500.00	6,316.80	6,503.25	6,332.46	21.56	21.13	-126.25	-941.42	1,050.86	119.44	79.18	40.26	2.966		
6,600.00	6,413.64	6,603.66	6,429.93	21.94	21.50	-126.25	-957.73	1,068.62	121.11	80.13	40.98	2.956		
6,700.00	6,510.48	6,706.19	6,530.61	22.33	21.73	-130.90	-974.68	1,076.81	121.32	80.39	40.92	2.965		
6,718.34	6,528.25	6,724.54	6,548.70	22.40	21.76	-132.57	-977.74	1,076.53	121.29	80.50	40.79	2.973		
6,800.00	6,607.32	6,803.24	6,625.92	22.72	21.88	-142.44	-990.86	1,069.37	122.79	82.96	39.83	3.083		
6,900.00	6,705.10	6,894.23	6,713.27	22.99	21.97	166.21	-1,005.82	1,049.14	131.21	92.73	38.48	3.410		
7,000.00	6,803.10	6,981.67	6,793.71	23.16	22.01	113.52	-1,019.70	1,017.99	145.28	107.89	37.39	3.886		
7,100.00	6,898.92	7,066.19	6,866.75	23.27	22.01	84.69	-1,032.42	977.53	162.33	125.99	36.34	4.467		
7,200.00	6,990.18	7,148.31	6,932.04	23.33	21.99	69.02	-1,043.91	929.15	180.22	145.00	35.22	5.118		
7,300.00	7,074.65	7,228.49	6,989.33	23.34	21.94	59.38	-1,054.10	874.07	197.47	163.40	34.07	5.796		
7,400.00	7,150.25	7,307.12	7,038.44	23.30	21.88	53.01	-1,062.96	813.38	213.09	180.05	33.04	6.450		
7,500.00	7,215.10	7,384.53	7,079.22	23.24	21.82	48.68	-1,070.46	748.06	226.39	194.13	32.26	7.018		
7,600.00	7,267.63	7,461.02	7,111.54	23.15	21.75	45.75	-1,076.56	679.05	236.92	205.05	31.87	7.433		
7,700.00	7,306.52	7,536.87	7,135.30	23.04	21.68	43.90	-1,081.24	607.22	244.37	212.41	31.96	7.647		
7,800.00	7,330.84	7,612.32	7,150.41	22.92	21.61	42.92	-1,084.47	533.42	248.55	216.01	32.54	7.639		
7,900.00	7,339.97	7,687.61	7,156.80	22.81	21.56	42.71	-1,086.24	458.46	249.36	215.79	33.57	7.428		
7,954.94	7,340.40	7,734.85	7,156.78	22.75	21.54	42.68	-1,086.68	411.22	249.78	215.70	34.07	7.330		
8,000.00	7,339.23	7,779.92	7,156.34	22.72	21.55	42.78	-1,087.02	366.16	249.20	214.89	34.31	7.264		
8,100.00	7,338.31	7,879.92	7,155.39	22.74	21.68	42.81	-1,087.78	266.17	249.38	214.41	34.97	7.132		
8,200.00	7,337.40	7,979.92	7,154.43	22.95	22.03	42.84	-1,088.54	166.17	249.55	213.74	35.81	6.969		
8,300.00	7,336.48	8,079.92	7,153.47	23.46	22.63	42.87	-1,089.30	66.18	249.73	212.90	36.83	6.781		
8,400.00	7,335.57	8,179.92	7,152.51	24.21	23.42	42.90	-1,090.06	-33.81	249.90	211.89	38.01	6.575		
8,500.00	7,334.65	8,279.92	7,151.56	25.11	24.33	42.93	-1,090.82	-133.80	250.08	210.74	39.33	6.358		
8,600.00	7,333.73	8,379.92	7,150.60	26.11	25.34	42.96	-1,091.58	-233.79	250.25	209.46	40.79	6.135		
8,700.00	7,332.82	8,479.92	7,149.64	27.17	26.42	42.99	-1,092.34	-333.79	250.43	208.06	42.37	5.911		
8,800.00	7,331.90	8,579.92	7,148.68	28.30	27.56	43.02	-1,093.10	-433.78	250.60	206.55	44.05	5.689		
8,900.00	7,330.99	8,679.92	7,147.73	29.48	28.76	43.05	-1,093.86	-533.77	250.78	204.95	45.83	5.472		
9,000.00	7,330.07	8,779.92	7,146.77	30.71	30.00	43.07	-1,094.62	-633.76	250.95	203.26	47.69	5.262		
9,100.00	7,329.16	8,879.92	7,145.81	31.97	31.28	43.10	-1,095.38	-733.76	251.13	201.50	49.63	5.060		
9,200.00	7,328.24	8,979.92	7,144.85	33.27	32.59	43.13	-1,096.13	-833.75	251.30	199.67	51.63	4.867		
9,300.00	7,327.32	9,079.92	7,143.90	34.60	33.94	43.16	-1,096.89	-933.74	251.48	197.79	53.69	4.684		
9,400.00	7,326.41	9,179.92	7,142.94	35.96	35.31	43.19	-1,097.65	-1,033.73	251.65	195.85	55.81	4.509		
9,500.00	7,325.49	9,279.92	7,141.98	37.35	36.71	43.22	-1,098.41	-1,133.73	251.83	193.86	57.97	4.344		
9,600.00	7,324.58	9,379.92	7,141.02	38.75	38.13	43.25	-1,099.17	-1,233.72	252.01	191.83	60.17	4.188		
9,700.00	7,323.66	9,479.92	7,140.07	40.17	39.57	43.28	-1,099.93	-1,333.71	252.18	189.77	62.41	4.040		
9,800.00	7,322.75	9,579.92	7,139.11	41.62	41.02	43.30	-1,100.69	-1,433.70	252.36	187.67	64.69	3.901		
9,900.00	7,321.83	9,679.92	7,138.15	43.07	42.49	43.33	-1,101.45	-1,533.69	252.53	185.54	67.00	3.769		
10,000.00	7,320.91	9,779.92	7,137.19	44.55	43.98	43.36	-1,102.21	-1,633.69	252.71	183.38	69.33	3.645		
10,100.00	7,320.00	9,879.92	7,136.24	46.03	45.47	43.39	-1,102.97	-1,733.68	252.88	181.19	71.69	3.527		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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				
10,200.00	7,319.08	9,979.92	7,135.28	47.53	46.98	43.42	-1,103.73	-1,833.67	253.06	178.99	74.07	3.416				
10,300.00	7,318.17	10,079.92	7,134.32	49.04	48.50	43.45	-1,104.49	-1,933.66	253.24	176.76	76.48	3.311				
10,400.00	7,317.25	10,179.92	7,133.36	50.56	50.03	43.47	-1,105.25	-2,033.66	253.41	174.51	78.90	3.212				
10,500.00	7,316.34	10,279.92	7,132.41	52.09	51.57	43.50	-1,106.01	-2,133.65	253.59	172.25	81.34	3.118				
10,600.00	7,315.42	10,379.92	7,131.45	53.62	53.12	43.53	-1,106.77	-2,233.64	253.77	169.97	83.80	3.028				
10,700.00	7,314.50	10,479.92	7,130.49	55.17	54.67	43.56	-1,107.53	-2,333.63	253.94	167.67	86.27	2.944				
10,800.00	7,313.59	10,579.92	7,129.53	56.72	56.23	43.59	-1,108.29	-2,433.63	254.12	165.36	88.76	2.863				
10,900.00	7,312.67	10,679.92	7,128.58	58.28	57.80	43.61	-1,109.05	-2,533.62	254.29	163.04	91.25	2.787				
11,000.00	7,311.76	10,779.92	7,127.62	59.84	59.37	43.64	-1,109.81	-2,633.61	254.47	160.71	93.76	2.714				
11,100.00	7,310.84	10,879.92	7,126.66	61.41	60.95	43.67	-1,110.57	-2,733.60	254.65	158.36	96.29	2.645				
11,200.00	7,309.93	10,979.92	7,125.70	62.99	62.53	43.70	-1,111.33	-2,833.59	254.82	156.01	98.82	2.579				
11,300.00	7,309.01	11,079.92	7,124.75	64.57	64.12	43.73	-1,112.09	-2,933.59	255.00	153.64	101.36	2.516				
11,400.00	7,308.10	11,179.92	7,123.79	66.15	65.71	43.75	-1,112.85	-3,033.58	255.18	151.27	103.91	2.456				
11,500.00	7,307.18	11,279.91	7,122.83	67.74	67.30	43.78	-1,113.61	-3,133.57	255.35	148.89	106.47	2.398				
11,600.00	7,306.26	11,379.91	7,121.88	69.33	68.90	43.81	-1,114.37	-3,233.56	255.53	146.50	109.03	2.344				
11,700.00	7,305.35	11,479.91	7,120.92	70.93	70.50	43.84	-1,115.13	-3,333.56	255.71	144.10	111.61	2.291				
11,800.00	7,304.43	11,579.91	7,119.96	72.53	72.11	43.87	-1,115.89	-3,433.55	255.88	141.70	114.19	2.241				
11,900.00	7,303.52	11,679.91	7,119.00	74.13	73.72	43.89	-1,116.65	-3,533.54	256.06	139.28	116.78	2.193				
12,000.00	7,302.60	11,779.91	7,118.05	75.74	75.33	43.92	-1,117.41	-3,633.53	256.24	136.87	119.37	2.147				
12,100.00	7,301.69	11,879.91	7,117.09	77.34	76.94	43.95	-1,118.17	-3,733.53	256.42	134.44	121.97	2.102				
12,200.00	7,300.77	11,979.91	7,116.13	78.96	78.56	43.98	-1,118.93	-3,833.52	256.59	132.01	124.58	2.060				
12,300.00	7,299.85	12,079.91	7,115.17	80.57	80.18	44.00	-1,119.69	-3,933.51	256.77	129.58	127.19	2.019				
12,400.00	7,298.94	12,179.91	7,114.22	82.19	81.80	44.03	-1,120.45	-4,033.50	256.95	127.14	129.81	1.979				
12,500.00	7,298.02	12,279.91	7,113.26	83.80	83.42	44.06	-1,121.21	-4,133.49	257.13	124.69	132.43	1.942				
12,600.00	7,297.11	12,379.91	7,112.30	85.42	85.05	44.09	-1,121.97	-4,233.49	257.30	122.24	135.06	1.905				
12,700.00	7,296.19	12,479.91	7,111.34	87.05	86.67	44.11	-1,122.73	-4,333.48	257.48	119.79	137.69	1.870				
12,800.00	7,295.28	12,579.91	7,110.39	88.67	88.30	44.14	-1,123.49	-4,433.47	257.66	117.33	140.33	1.836				
12,900.00	7,294.36	12,679.91	7,109.43	90.30	89.93	44.17	-1,124.24	-4,533.46	257.84	114.87	142.97	1.803				
13,000.00	7,293.44	12,779.91	7,108.47	91.92	91.56	44.20	-1,125.00	-4,633.46	258.01	112.40	145.61	1.772				
13,100.00	7,292.53	12,879.91	7,107.51	93.55	93.20	44.22	-1,125.76	-4,733.45	258.19	109.93	148.26	1.741				
13,200.00	7,291.61	12,979.91	7,106.56	95.18	94.83	44.25	-1,126.52	-4,833.44	258.37	107.46	150.91	1.712				
13,300.00	7,290.70	13,079.91	7,105.60	96.82	96.47	44.28	-1,127.28	-4,933.43	258.55	104.98	153.57	1.684				
13,400.00	7,289.78	13,179.91	7,104.64	98.45	98.10	44.30	-1,128.04	-5,033.42	258.72	102.50	156.23	1.656				
13,500.00	7,288.87	13,279.91	7,103.68	100.08	99.74	44.33	-1,128.80	-5,133.42	258.90	100.01	158.89	1.629				
13,600.00	7,287.95	13,379.91	7,102.73	101.72	101.38	44.36	-1,129.56	-5,233.41	259.08	97.52	161.56	1.604				
13,700.00	7,287.03	13,479.91	7,101.77	103.36	103.02	44.39	-1,130.32	-5,333.40	259.26	95.03	164.23	1.579				
13,800.00	7,286.12	13,579.91	7,100.81	105.00	104.66	44.41	-1,131.08	-5,433.39	259.44	92.54	166.90	1.554				
13,900.00	7,285.20	13,679.91	7,099.85	106.64	106.31	44.44	-1,131.84	-5,533.39	259.61	90.04	169.58	1.531				
14,000.00	7,284.29	13,779.91	7,098.90	108.28	107.95	44.47	-1,132.60	-5,633.38	259.79	87.54	172.26	1.508				
14,100.00	7,283.37	13,879.91	7,097.94	109.92	109.59	44.49	-1,133.36	-5,733.37	259.97	85.03	174.94	1.486 Level 3				
14,200.00	7,282.46	13,979.91	7,096.98	111.56	111.24	44.52	-1,134.12	-5,833.36	260.15	82.53	177.62	1.465 Level 3				
14,300.00	7,281.54	14,079.91	7,096.02	113.20	112.89	44.55	-1,134.88	-5,933.36	260.33	80.02	180.31	1.444 Level 3				
14,400.00	7,280.63	14,179.91	7,095.07	114.85	114.53	44.57	-1,135.64	-6,033.35	260.51	77.51	183.00	1.424 Level 3				
14,500.00	7,279.71	14,279.91	7,094.11	116.49	116.18	44.60	-1,136.40	-6,133.34	260.68	74.99	185.69	1.404 Level 3				
14,600.00	7,278.79	14,379.91	7,093.15	118.14	117.83	44.63	-1,137.16	-6,233.33	260.86	72.48	188.39	1.385 Level 3				
14,700.00	7,277.88	14,479.91	7,092.19	119.79	119.48	44.65	-1,137.92	-6,333.32	261.04	69.96	191.09	1.366 Level 3				
14,800.00	7,276.96	14,579.91	7,091.24	121.43	121.13	44.68	-1,138.68	-6,433.32	261.22	67.44	193.79	1.348 Level 3				
14,900.00	7,276.05	14,679.91	7,090.28	123.08	122.78	44.71	-1,139.44	-6,533.31	261.40	64.91	196.49	1.330 Level 3				
15,000.00	7,275.13	14,779.91	7,089.32	124.73	124.43	44.73	-1,140.20	-6,633.30	261.58	62.38	199.19	1.313 Level 3				
15,100.00	7,274.22	14,879.91	7,088.36	126.38	126.08	44.76	-1,140.96	-6,733.29	261.76	59.86	201.90	1.296 Level 3				
15,200.00	7,273.30	14,979.91	7,087.41	128.03	127.73	44.79	-1,141.72	-6,833.29	261.94	57.33	204.61	1.280 Level 3				
15,300.00	7,272.38	15,079.91	7,086.45	129.68	129.39	44.81	-1,142.48	-6,933.28	262.11	54.79	207.32	1.264 Level 3				

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	
15,400.00	7,271.47	15,179.91	7,085.49	131.33	131.04	44.84	-1,143.24	-7,033.27	262.29	52.26	210.04	1.249 Level 2	
15,500.00	7,270.55	15,279.91	7,084.53	132.98	132.69	44.87	-1,144.00	-7,133.26	262.47	49.72	212.75	1.234 Level 2	
15,551.16	7,270.08	15,331.06	7,084.04	133.83	133.54	44.88	-1,144.39	-7,184.41	262.56	48.42	214.14	1.226 Level 2, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	-4.63	199.28	-16.12	199.93				
100.00	100.00	102.00	98.00	3.28	3.28	-4.63	199.28	-16.12	199.93	192.40	7.53	26.554	
200.00	200.00	202.00	198.00	3.31	3.31	-4.63	199.28	-16.12	199.93	192.35	7.57	26.395 CC, ES	
300.00	299.99	297.05	297.05	3.35	3.35	-140.48	199.42	-15.77	200.90	193.24	7.66	26.236	
400.00	399.88	394.96	394.89	3.41	3.41	-140.33	200.61	-12.71	205.36	197.58	7.78	26.400	
500.00	499.55	492.54	492.25	3.49	3.50	-139.87	203.01	-6.57	213.48	205.54	7.95	26.861	
600.00	598.89	589.60	588.81	3.60	3.60	-139.15	206.60	2.60	225.27	217.10	8.17	27.581	
700.00	697.76	685.93	684.25	3.75	3.74	-138.23	211.33	14.71	240.72	232.27	8.44	28.511	
800.00	796.05	783.03	780.06	3.95	3.90	-137.28	217.06	29.38	259.62	250.84	8.78	29.570	
900.00	893.63	880.68	876.38	4.19	4.10	-136.83	222.92	44.37	281.14	271.96	9.18	30.632	
1,000.00	990.55	977.85	972.22	4.48	4.31	-136.94	228.76	59.30	304.73	295.10	9.63	31.647	
1,100.00	1,087.39	1,074.97	1,068.00	4.81	4.54	-137.20	234.59	74.21	328.54	318.42	10.11	32.485	
1,200.00	1,184.23	1,172.08	1,163.79	5.17	4.79	-137.42	240.42	89.12	352.35	341.72	10.63	33.133	
1,300.00	1,281.07	1,269.19	1,259.57	5.55	5.06	-137.61	246.25	104.03	376.17	364.99	11.19	33.628	
1,400.00	1,377.91	1,366.31	1,355.36	5.95	5.33	-137.78	252.07	118.95	400.00	388.24	11.76	34.003	
1,500.00	1,474.75	1,463.42	1,451.14	6.36	5.62	-137.93	257.90	133.86	423.83	411.46	12.36	34.281	
1,600.00	1,571.59	1,560.54	1,546.93	6.79	5.91	-138.06	263.73	148.77	447.66	434.68	12.98	34.485	
1,700.00	1,668.44	1,657.65	1,642.71	7.23	6.21	-138.18	269.56	163.69	471.49	457.87	13.62	34.629	
1,800.00	1,765.28	1,754.76	1,738.50	7.67	6.52	-138.29	275.39	178.60	495.32	481.06	14.26	34.729	
1,900.00	1,862.12	1,851.88	1,834.28	7.92	6.75	-138.39	281.22	193.51	519.16	504.84	14.31	36.269	
2,000.00	1,958.96	1,948.99	1,930.07	7.98	6.85	-138.48	287.05	208.42	542.99	528.54	14.45	37.568	
2,100.00	2,055.80	2,046.11	2,025.85	8.06	6.90	-138.56	292.88	223.34	566.83	552.28	14.55	38.950	
2,200.00	2,152.64	2,143.22	2,121.64	8.16	6.96	-138.64	298.71	238.25	590.67	575.99	14.69	40.223	
2,300.00	2,249.48	2,240.33	2,217.42	8.28	7.03	-138.71	304.54	253.16	614.51	599.66	14.85	41.384	
2,400.00	2,346.32	2,337.45	2,313.21	8.42	7.11	-138.77	310.37	268.08	638.35	623.31	15.04	42.432	
2,500.00	2,443.16	2,434.56	2,408.99	8.58	7.21	-138.83	316.20	282.99	662.19	646.92	15.27	43.370	
2,600.00	2,540.00	2,531.68	2,504.78	8.76	7.33	-138.89	322.03	297.90	686.03	670.51	15.52	44.200	
2,700.00	2,636.84	2,628.79	2,600.56	8.95	7.45	-138.94	327.86	312.82	709.88	694.08	15.80	44.928	
2,800.00	2,733.69	2,725.91	2,696.35	9.16	7.59	-138.99	333.68	327.73	733.72	717.62	16.11	45.558	
2,900.00	2,830.53	2,823.02	2,792.13	9.38	7.73	-139.03	339.51	342.64	757.56	741.13	16.43	46.098	
3,000.00	2,927.37	2,920.13	2,887.92	9.61	7.89	-139.08	345.34	357.55	781.41	764.62	16.78	46.554	
3,100.00	3,024.21	3,017.25	2,983.70	9.85	8.06	-139.12	351.17	372.47	805.25	788.10	17.16	46.935	
3,200.00	3,121.05	3,114.36	3,079.49	10.11	8.24	-139.16	357.00	387.38	829.10	811.55	17.55	47.246	
3,300.00	3,217.89	3,211.48	3,175.27	10.38	8.42	-139.19	362.83	402.29	852.94	834.98	17.96	47.495	
3,400.00	3,314.73	3,308.59	3,271.06	10.65	8.61	-139.23	368.66	417.21	876.79	858.40	18.38	47.691	
3,500.00	3,411.57	3,405.70	3,366.84	10.94	8.82	-139.26	374.49	432.12	900.63	881.80	18.83	47.834	
3,600.00	3,508.41	3,502.82	3,462.63	11.23	9.02	-139.29	380.32	447.03	924.48	905.19	19.29	47.936	
3,700.00	3,605.25	3,599.93	3,558.41	11.53	9.24	-139.32	386.15	461.94	948.32	928.57	19.76	48.000	
3,800.00	3,702.09	3,702.95	3,654.20	11.84	9.47	-139.34	391.98	476.86	972.17	951.92	20.25	47.998	
3,900.00	3,798.94	3,794.16	3,749.98	12.15	9.68	-139.37	397.81	491.77	996.02	975.28	20.74	48.032	
4,000.00	3,895.78	3,908.72	3,845.77	12.47	9.96	-139.40	403.64	506.68	1,019.86	998.58	21.29	47.914	
4,100.00	3,992.62	3,988.39	3,941.55	12.80	10.15	-139.42	409.47	521.60	1,043.71	1,021.95	21.76	47.964	
4,200.00	4,089.46	4,085.50	4,037.34	13.13	10.39	-139.44	415.29	536.51	1,067.56	1,045.27	22.29	47.902	
4,300.00	4,186.30	4,182.62	4,133.12	13.46	10.64	-139.46	421.12	551.42	1,091.40	1,068.58	22.82	47.824	
4,400.00	4,283.14	4,279.73	4,228.91	13.80	10.89	-139.48	426.95	566.34	1,115.25	1,091.89	23.36	47.733	
4,500.00	4,379.98	4,376.85	4,324.69	14.15	11.14	-139.50	432.78	581.25	1,139.10	1,115.18	23.92	47.630	
4,600.00	4,476.82	4,473.96	4,420.48	14.49	11.40	-139.52	438.61	596.16	1,162.95	1,138.47	24.47	47.519	
4,700.00	4,573.66	4,571.07	4,516.27	14.84	11.66	-139.54	444.44	611.07	1,186.79	1,161.76	25.04	47.400	
4,800.00	4,670.50	4,668.19	4,612.05	15.20	11.92	-139.56	450.27	625.99	1,210.64	1,185.03	25.61	47.275	
4,900.00	4,767.35	4,765.30	4,707.84	15.56	12.19	-139.58	456.10	640.90	1,234.49	1,208.31	26.18	47.146	
5,000.00	4,864.19	4,862.42	4,803.62	15.92	12.46	-139.59	461.93	655.81	1,258.34	1,231.57	26.77	47.012	
5,100.00	4,961.03	4,959.53	4,899.41	16.28	12.73	-139.61	467.76	670.73	1,282.19	1,254.83	27.35	46.875	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
5,200.00	5,057.87	5,056.65	4,995.19	16.64	13.00	-139.62	473.59	685.64	1,306.03	1,278.09	27.94	46.736		
5,300.00	5,154.71	5,153.76	5,090.98	17.01	13.28	-139.64	479.42	700.55	1,329.88	1,301.34	28.54	46.596		
5,400.00	5,251.55	5,250.87	5,186.76	17.38	13.55	-139.65	485.25	715.46	1,353.73	1,324.59	29.14	46.455		
5,500.00	5,348.39	5,347.99	5,282.55	17.75	13.83	-139.67	491.08	730.38	1,377.58	1,347.83	29.74	46.313		
5,600.00	5,445.23	5,445.10	5,378.33	18.13	14.11	-139.68	496.90	745.29	1,401.43	1,371.07	30.35	46.172		
5,700.00	5,542.07	5,542.22	5,474.12	18.50	14.40	-139.69	502.73	760.20	1,425.28	1,394.31	30.96	46.030		
5,800.00	5,638.91	5,639.33	5,569.90	18.88	14.68	-139.70	508.56	775.12	1,449.12	1,417.55	31.58	45.890		
5,900.00	5,735.75	5,736.44	5,665.69	19.26	14.97	-139.72	514.39	790.03	1,472.97	1,440.78	32.20	45.750		
6,000.00	5,832.60	5,833.56	5,761.47	19.64	15.26	-139.73	520.22	804.94	1,496.82	1,464.01	32.82	45.612		
6,100.00	5,929.44	5,930.67	5,857.26	20.02	15.55	-139.74	526.05	819.85	1,520.67	1,487.23	33.44	45.475		
6,200.00	6,026.28	6,027.79	5,953.04	20.40	15.84	-139.75	531.88	834.77	1,544.52	1,510.45	34.07	45.340		
6,300.00	6,123.12	6,124.90	6,048.83	20.79	16.13	-139.76	537.71	849.68	1,568.37	1,533.67	34.69	45.206		
6,400.00	6,219.96	6,222.01	6,144.61	21.17	16.42	-139.77	543.54	864.59	1,592.22	1,556.89	35.32	45.074		
6,500.00	6,316.80	6,319.13	6,240.40	21.56	16.71	-139.78	549.37	879.51	1,616.07	1,580.11	35.96	44.944		
6,600.00	6,413.64	6,416.24	6,336.18	21.94	17.01	-139.79	555.20	894.42	1,639.91	1,603.32	36.59	44.816		
6,700.00	6,510.48	6,513.36	6,431.97	22.33	17.30	-139.80	561.03	909.33	1,663.76	1,626.53	37.23	44.689		
6,800.00	6,607.32	6,610.47	6,527.75	22.72	17.60	-140.01	566.86	924.25	1,687.61	1,649.74	37.87	44.566		
6,900.00	6,705.10	6,700.78	6,616.91	22.99	17.87	-179.98	572.28	937.53	1,711.11	1,672.71	38.40	44.564		
7,000.00	6,803.10	6,779.14	6,694.98	23.16	18.01	136.50	577.02	941.43	1,734.32	1,695.60	38.71	44.798		
7,100.00	6,898.92	6,858.48	6,773.91	23.27	18.13	114.45	581.78	935.56	1,756.96	1,718.03	38.94	45.124		
7,200.00	6,990.18	6,939.26	6,852.88	23.33	18.20	103.66	586.54	919.53	1,778.57	1,739.50	39.07	45.521		
7,300.00	7,074.65	7,021.97	6,930.98	23.34	18.23	97.47	591.21	892.88	1,798.70	1,759.56	39.14	45.953		
7,400.00	7,150.25	7,107.14	7,007.09	23.30	18.24	93.57	595.75	855.09	1,816.95	1,777.77	39.18	46.378		
7,500.00	7,215.10	7,195.34	7,079.89	23.24	18.23	91.02	600.06	805.60	1,832.94	1,793.73	39.21	46.742		
7,600.00	7,267.63	7,287.19	7,147.68	23.15	18.22	89.44	604.05	743.88	1,846.35	1,807.06	39.30	46.984		
7,700.00	7,306.52	7,383.32	7,208.37	23.04	18.25	88.60	607.58	669.53	1,856.90	1,817.42	39.48	47.036		
7,800.00	7,330.84	7,484.34	7,259.36	22.92	18.33	88.40	610.50	582.49	1,864.33	1,824.53	39.80	46.839		
7,900.00	7,339.97	7,590.80	7,297.53	22.81	18.53	88.78	612.62	483.26	1,868.43	1,828.12	40.31	46.352		
8,000.00	7,339.23	7,704.13	7,319.43	22.72	18.87	89.45	613.73	372.23	1,870.12	1,829.09	41.03	45.575		
8,100.00	7,338.31	7,814.99	7,322.76	22.74	19.34	89.58	613.72	261.49	1,871.04	1,829.06	41.98	44.571		
8,200.00	7,337.40	7,914.99	7,322.17	22.95	19.89	89.59	613.49	161.49	1,871.78	1,828.65	43.13	43.401		
8,300.00	7,336.48	8,014.99	7,321.57	23.46	20.57	89.60	613.26	61.50	1,872.52	1,828.02	44.50	42.076		
8,400.00	7,335.57	8,114.98	7,320.97	24.21	21.35	89.61	613.03	-38.50	1,873.26	1,827.18	46.09	40.648		
8,500.00	7,334.65	8,214.98	7,320.38	25.11	22.23	89.62	612.80	-138.49	1,874.00	1,826.15	47.85	39.162		
8,600.00	7,333.73	8,314.98	7,319.78	26.11	23.20	89.63	612.57	-238.49	1,874.74	1,824.95	49.79	37.656		
8,700.00	7,332.82	8,414.97	7,319.19	27.17	24.25	89.64	612.34	-338.48	1,875.48	1,823.61	51.87	36.160		
8,800.00	7,331.90	8,514.97	7,318.59	28.30	25.36	89.65	612.11	-438.47	1,876.22	1,822.15	54.07	34.697		
8,900.00	7,330.99	8,614.97	7,317.99	29.48	26.53	89.66	611.88	-538.47	1,876.96	1,820.56	56.40	33.281		
9,000.00	7,330.07	8,714.96	7,317.40	30.71	27.75	89.67	611.65	-638.46	1,877.70	1,818.88	58.82	31.922		
9,100.00	7,329.16	8,814.96	7,316.80	31.97	29.02	89.68	611.42	-738.46	1,878.44	1,817.11	61.33	30.627		
9,200.00	7,328.24	8,914.96	7,316.21	33.27	30.32	89.69	611.19	-838.45	1,879.18	1,815.26	63.92	29.398		
9,300.00	7,327.32	9,014.95	7,315.61	34.60	31.66	89.70	610.96	-938.45	1,879.92	1,813.34	66.58	28.235		
9,400.00	7,326.41	9,114.95	7,315.01	35.96	33.03	89.71	610.73	-1,038.44	1,880.66	1,811.36	69.30	27.139		
9,500.00	7,325.49	9,214.95	7,314.42	37.35	34.43	89.72	610.50	-1,138.44	1,881.40	1,809.33	72.07	26.105		
9,600.00	7,324.58	9,314.95	7,313.82	38.75	35.85	89.73	610.27	-1,238.43	1,882.14	1,807.25	74.89	25.132		
9,700.00	7,323.66	9,414.94	7,313.23	40.17	37.29	89.74	610.04	-1,338.43	1,882.88	1,805.13	77.75	24.217		
9,800.00	7,322.75	9,514.94	7,312.63	41.62	38.75	89.75	609.81	-1,438.42	1,883.62	1,802.97	80.65	23.355		
9,900.00	7,321.83	9,614.94	7,312.03	43.07	40.23	89.76	609.58	-1,538.42	1,884.37	1,800.78	83.58	22.544		
10,000.00	7,320.91	9,714.93	7,311.44	44.55	41.72	89.77	609.36	-1,638.41	1,885.11	1,798.56	86.55	21.781		
10,100.00	7,320.00	9,814.93	7,310.84	46.03	43.23	89.78	609.13	-1,738.41	1,885.85	1,796.31	89.54	21.061		
10,200.00	7,319.08	9,914.93	7,310.25	47.53	44.75	89.79	608.90	-1,838.40	1,886.59	1,794.03	92.56	20.383		
10,300.00	7,318.17	10,014.92	7,309.65	49.04	46.27	89.80	608.67	-1,938.39	1,887.33	1,791.73	95.59	19.743		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
10,400.00	7,317.25	10,114.92	7,309.05	50.56	47.81	89.81	608.44	-2,038.39	1,888.07	1,789.42	98.65	19.139		
10,500.00	7,316.34	10,214.92	7,308.46	52.09	49.36	89.82	608.21	-2,138.38	1,888.81	1,787.08	101.73	18.567		
10,600.00	7,315.42	10,314.91	7,307.86	53.62	50.92	89.83	607.98	-2,238.38	1,889.55	1,784.73	104.82	18.026		
10,700.00	7,314.50	10,414.91	7,307.27	55.17	52.48	89.84	607.75	-2,338.37	1,890.29	1,782.36	107.93	17.514		
10,800.00	7,313.59	10,514.91	7,306.67	56.72	54.05	89.85	607.52	-2,438.37	1,891.03	1,779.98	111.06	17.028		
10,900.00	7,312.67	10,614.90	7,306.07	58.28	55.62	89.86	607.29	-2,538.36	1,891.78	1,777.58	114.19	16.567		
11,000.00	7,311.76	10,714.90	7,305.48	59.84	57.20	89.87	607.06	-2,638.36	1,892.52	1,775.18	117.34	16.129		
11,100.00	7,310.84	10,814.90	7,304.88	61.41	58.79	89.88	606.83	-2,738.35	1,893.26	1,772.76	120.50	15.712		
11,200.00	7,309.93	10,914.89	7,304.29	62.99	60.38	89.89	606.60	-2,838.35	1,894.00	1,770.33	123.67	15.315		
11,300.00	7,309.01	11,014.89	7,303.69	64.57	61.98	89.90	606.37	-2,938.34	1,894.74	1,767.90	126.84	14.938		
11,400.00	7,308.10	11,114.89	7,303.09	66.15	63.58	89.91	606.14	-3,038.34	1,895.48	1,765.45	130.03	14.577		
11,500.00	7,307.18	11,214.88	7,302.50	67.74	65.18	89.92	605.91	-3,138.33	1,896.22	1,763.00	133.23	14.233		
11,600.00	7,306.26	11,314.88	7,301.90	69.33	66.79	89.92	605.68	-3,238.33	1,896.97	1,760.54	136.43	13.905		
11,700.00	7,305.35	11,414.88	7,301.31	70.93	68.40	89.93	605.45	-3,338.32	1,897.71	1,758.07	139.64	13.590		
11,800.00	7,304.43	11,514.87	7,300.71	72.53	70.01	89.94	605.22	-3,438.32	1,898.45	1,755.60	142.85	13.290		
11,900.00	7,303.52	11,614.87	7,300.11	74.13	71.62	89.95	604.99	-3,538.31	1,899.19	1,753.12	146.07	13.002		
12,000.00	7,302.60	11,714.87	7,299.52	75.74	73.24	89.96	604.76	-3,638.30	1,899.93	1,750.63	149.30	12.726		
12,100.00	7,301.69	11,814.86	7,298.92	77.34	74.86	89.97	604.53	-3,738.30	1,900.67	1,748.14	152.53	12.461		
12,200.00	7,300.77	11,914.86	7,298.33	78.96	76.49	89.98	604.30	-3,838.29	1,901.42	1,745.65	155.77	12.207		
12,300.00	7,299.85	12,014.86	7,297.73	80.57	78.11	89.99	604.07	-3,938.29	1,902.16	1,743.15	159.01	11.962		
12,400.00	7,298.94	12,114.85	7,297.13	82.19	79.74	90.00	603.85	-4,038.28	1,902.90	1,740.64	162.26	11.728		
12,500.00	7,298.02	12,214.85	7,296.54	83.80	81.37	90.01	603.62	-4,138.28	1,903.64	1,738.13	165.51	11.502		
12,600.00	7,297.11	12,314.85	7,295.94	85.42	83.00	90.02	603.39	-4,238.27	1,904.38	1,735.62	168.76	11.284		
12,700.00	7,296.19	12,414.84	7,295.35	87.05	84.63	90.03	603.16	-4,338.27	1,905.13	1,733.11	172.02	11.075		
12,800.00	7,295.28	12,514.84	7,294.75	88.67	86.27	90.04	602.93	-4,438.26	1,905.87	1,730.59	175.28	10.873		
12,900.00	7,294.36	12,614.84	7,294.15	90.30	87.90	90.05	602.70	-4,538.26	1,906.61	1,728.06	178.55	10.679		
13,000.00	7,293.44	12,714.83	7,293.56	91.92	89.54	90.06	602.47	-4,638.25	1,907.35	1,725.54	181.81	10.491		
13,100.00	7,292.53	12,814.83	7,292.96	93.55	91.18	90.07	602.24	-4,738.25	1,908.10	1,723.01	185.08	10.309		
13,200.00	7,291.61	12,914.83	7,292.37	95.18	92.82	90.08	602.01	-4,838.24	1,908.84	1,720.48	188.36	10.134		
13,300.00	7,290.70	13,014.82	7,291.77	96.82	94.46	90.09	601.78	-4,938.24	1,909.58	1,717.95	191.63	9.965		
13,400.00	7,289.78	13,114.82	7,291.17	98.45	96.10	90.10	601.55	-5,038.23	1,910.32	1,715.41	194.91	9.801		
13,500.00	7,288.87	13,214.82	7,290.58	100.08	97.75	90.11	601.32	-5,138.23	1,911.07	1,712.87	198.19	9.642		
13,600.00	7,287.95	13,314.81	7,289.98	101.72	99.39	90.12	601.09	-5,238.22	1,911.81	1,710.33	201.48	9.489		
13,700.00	7,287.03	13,414.81	7,289.39	103.36	101.04	90.13	600.86	-5,338.21	1,912.55	1,707.79	204.76	9.340		
13,800.00	7,286.12	13,514.81	7,288.79	105.00	102.69	90.14	600.63	-5,438.21	1,913.29	1,705.25	208.05	9.196		
13,900.00	7,285.20	13,614.80	7,288.19	106.64	104.33	90.15	600.40	-5,538.20	1,914.04	1,702.70	211.34	9.057		
14,000.00	7,284.29	13,714.80	7,287.60	108.28	105.98	90.15	600.17	-5,638.20	1,914.78	1,700.15	214.63	8.921		
14,100.00	7,283.37	13,814.80	7,287.00	109.92	107.63	90.16	599.94	-5,738.19	1,915.52	1,697.60	217.92	8.790		
14,200.00	7,282.46	13,914.79	7,286.41	111.56	109.28	90.17	599.71	-5,838.19	1,916.27	1,695.05	221.21	8.662		
14,300.00	7,281.54	14,014.79	7,285.81	113.20	110.93	90.18	599.48	-5,938.18	1,917.01	1,692.50	224.51	8.539		
14,400.00	7,280.63	14,114.79	7,285.21	114.85	112.58	90.19	599.25	-6,038.18	1,917.75	1,689.94	227.81	8.418		
14,500.00	7,279.71	14,214.79	7,284.62	116.49	114.23	90.20	599.02	-6,138.17	1,918.50	1,687.39	231.11	8.301		
14,600.00	7,278.79	14,314.78	7,284.02	118.14	115.89	90.21	598.79	-6,238.17	1,919.24	1,684.83	234.41	8.188		
14,700.00	7,277.88	14,414.78	7,283.43	119.79	117.54	90.22	598.57	-6,338.16	1,919.98	1,682.27	237.71	8.077		
14,800.00	7,276.96	14,514.78	7,282.83	121.43	119.20	90.23	598.34	-6,438.16	1,920.73	1,679.71	241.01	7.969		
14,900.00	7,276.05	14,614.77	7,282.23	123.08	120.85	90.24	598.11	-6,538.15	1,921.47	1,677.15	244.32	7.865		
15,000.00	7,275.13	14,714.77	7,281.64	124.73	122.50	90.25	597.88	-6,638.15	1,922.21	1,674.59	247.62	7.763		
15,100.00	7,274.22	14,814.77	7,281.04	126.38	124.16	90.26	597.65	-6,738.14	1,922.96	1,672.03	250.93	7.663		
15,200.00	7,273.30	14,914.76	7,280.45	128.03	125.82	90.27	597.42	-6,838.14	1,923.70	1,669.46	254.24	7.567		
15,300.00	7,272.38	15,014.76	7,279.85	129.68	127.47	90.28	597.19	-6,938.13	1,924.44	1,666.90	257.54	7.472		
15,400.00	7,271.47	15,114.76	7,279.25	131.33	129.13	90.29	596.96	-7,038.12	1,925.19	1,664.33	260.85	7.380		
15,500.00	7,270.55	15,214.75	7,278.66	132.98	130.79	90.30	596.73	-7,138.12	1,925.93	1,661.77	264.16	7.291		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	
15,551.16	7,270.08	15,257.27	7,278.40	133.83	131.49	90.30	596.63	-7,180.64	1,926.33	1,660.64	265.69	7.250 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	-4.64	219.31	-17.79	220.03				
100.00	100.00	102.00	98.00	3.28	3.28	-4.64	219.31	-17.79	220.03	212.50	7.53	29.224	
200.00	200.00	202.00	198.00	3.31	3.31	-4.64	219.31	-17.79	220.03	212.46	7.57	29.049	CC, ES
300.00	299.99	296.87	296.87	3.35	3.35	-140.48	219.46	-17.44	221.02	213.36	7.66	28.863	
400.00	399.88	394.41	394.35	3.41	3.41	-140.35	220.72	-14.44	225.55	217.77	7.78	28.996	
500.00	499.55	491.62	491.33	3.49	3.50	-139.94	223.25	-8.40	233.82	225.87	7.95	29.421	
600.00	598.89	588.28	587.50	3.60	3.60	-139.29	227.03	0.60	245.82	237.66	8.17	30.102	
700.00	697.76	684.20	682.54	3.75	3.74	-138.45	232.01	12.49	261.55	253.11	8.44	30.988	
800.00	796.05	780.07	777.08	3.95	3.90	-137.49	238.17	27.18	280.94	272.17	8.77	32.017	
900.00	893.63	877.56	873.06	4.19	4.10	-136.88	244.75	42.87	303.16	293.99	9.18	33.042	
1,000.00	990.55	974.56	968.58	4.48	4.31	-136.83	251.30	58.48	327.45	317.82	9.63	34.005	
1,100.00	1,087.39	1,071.51	1,064.04	4.81	4.55	-136.95	257.84	74.08	351.96	341.84	10.12	34.782	
1,200.00	1,184.23	1,168.46	1,159.50	5.17	4.81	-137.05	264.38	89.69	376.46	365.82	10.65	35.362	
1,300.00	1,281.07	1,265.41	1,254.96	5.55	5.08	-137.14	270.92	105.29	400.97	389.77	11.20	35.786	
1,400.00	1,377.91	1,362.35	1,350.42	5.95	5.36	-137.22	277.47	120.89	425.48	413.69	11.79	36.090	
1,500.00	1,474.75	1,459.30	1,445.88	6.36	5.65	-137.29	284.01	136.49	449.99	437.59	12.40	36.296	
1,600.00	1,571.59	1,556.25	1,541.34	6.79	5.96	-137.35	290.55	152.09	474.50	461.48	13.02	36.431	
1,700.00	1,668.44	1,653.20	1,636.81	7.23	6.26	-137.41	297.09	167.70	499.01	485.34	13.67	36.509	
1,800.00	1,765.28	1,750.15	1,732.27	7.67	6.58	-137.46	303.64	183.30	523.52	509.20	14.33	36.545	
1,900.00	1,862.12	1,847.10	1,827.73	7.92	6.83	-137.51	310.18	198.90	548.03	533.64	14.39	38.077	
2,000.00	1,958.96	1,944.04	1,923.19	7.98	6.95	-137.55	316.72	214.50	572.55	558.00	14.55	39.362	
2,100.00	2,055.80	2,040.99	2,018.65	8.06	7.00	-137.59	323.26	230.10	597.06	582.40	14.65	40.745	
2,200.00	2,152.64	2,137.94	2,114.11	8.16	7.07	-137.63	329.81	245.71	621.57	606.77	14.80	42.003	
2,300.00	2,249.48	2,234.89	2,209.57	8.28	7.16	-137.66	336.35	261.31	646.08	631.10	14.98	43.133	
2,400.00	2,346.32	2,331.84	2,305.03	8.42	7.26	-137.69	342.89	276.91	670.60	655.40	15.19	44.136	
2,500.00	2,443.16	2,428.79	2,400.49	8.58	7.39	-137.72	349.43	292.51	695.11	679.67	15.44	45.014	
2,600.00	2,540.00	2,525.74	2,495.95	8.76	7.53	-137.75	355.98	308.11	719.62	703.90	15.72	45.772	
2,700.00	2,636.84	2,622.68	2,591.41	8.95	7.69	-137.78	362.52	323.72	744.14	728.10	16.03	46.418	
2,800.00	2,733.69	2,719.63	2,686.88	9.16	7.86	-137.80	369.06	339.32	768.65	752.28	16.37	46.959	
2,900.00	2,830.53	2,816.58	2,782.34	9.38	8.04	-137.82	375.60	354.92	793.16	776.43	16.73	47.404	
3,000.00	2,927.37	2,913.53	2,877.80	9.61	8.24	-137.84	382.15	370.52	817.68	800.56	17.12	47.762	
3,100.00	3,024.21	3,010.48	2,973.26	9.85	8.45	-137.86	388.69	386.12	842.19	824.66	17.53	48.040	
3,200.00	3,121.05	3,107.43	3,068.72	10.11	8.67	-137.88	395.23	401.73	866.70	848.74	17.96	48.250	
3,300.00	3,217.89	3,204.37	3,164.18	10.38	8.90	-137.90	401.77	417.33	891.22	872.80	18.41	48.397	
3,400.00	3,314.73	3,301.32	3,259.64	10.65	9.13	-137.91	408.32	432.93	915.73	896.85	18.88	48.491	
3,500.00	3,411.57	3,401.73	3,355.10	10.94	9.39	-137.93	414.86	448.53	940.24	920.86	19.38	48.515	
3,600.00	3,508.41	3,504.78	3,450.56	11.23	9.66	-137.95	421.40	464.13	964.76	944.86	19.90	48.481	
3,700.00	3,605.25	3,607.83	3,546.02	11.53	9.95	-137.96	427.94	479.74	989.27	968.84	20.43	48.413	
3,800.00	3,702.09	3,689.12	3,641.48	11.84	10.17	-137.97	434.49	495.34	1,013.79	992.87	20.92	48.456	
3,900.00	3,798.94	3,786.06	3,736.94	12.15	10.45	-137.99	441.03	510.94	1,038.30	1,016.84	21.46	48.373	
4,000.00	3,895.78	3,883.01	3,832.41	12.47	10.73	-138.00	447.57	526.54	1,062.82	1,040.80	22.02	48.269	
4,100.00	3,992.62	3,979.96	3,927.87	12.80	11.02	-138.01	454.11	542.14	1,087.33	1,064.75	22.58	48.148	
4,200.00	4,089.46	4,076.91	4,023.33	13.13	11.31	-138.02	460.66	557.75	1,111.84	1,088.69	23.16	48.012	
4,300.00	4,186.30	4,173.86	4,118.79	13.46	11.61	-138.03	467.20	573.35	1,136.36	1,112.62	23.74	47.865	
4,400.00	4,283.14	4,270.81	4,214.25	13.80	11.91	-138.04	473.74	588.95	1,160.87	1,136.54	24.33	47.709	
4,500.00	4,379.98	4,367.76	4,309.71	14.15	12.21	-138.05	480.28	604.55	1,185.39	1,160.46	24.93	47.545	
4,600.00	4,476.82	4,464.70	4,405.17	14.49	12.52	-138.06	486.83	620.15	1,209.90	1,184.36	25.54	47.375	
4,700.00	4,573.66	4,561.65	4,500.63	14.84	12.83	-138.07	493.37	635.76	1,234.42	1,208.26	26.15	47.202	
4,800.00	4,670.50	4,658.60	4,596.09	15.20	13.15	-138.08	499.91	651.36	1,258.93	1,232.16	26.77	47.025	
4,900.00	4,767.35	4,755.55	4,691.55	15.56	13.47	-138.09	506.45	666.96	1,283.45	1,256.05	27.40	46.846	
5,000.00	4,864.19	4,852.50	4,787.01	15.92	13.79	-138.10	513.00	682.56	1,307.96	1,279.93	28.03	46.666	
5,100.00	4,961.03	4,949.45	4,882.48	16.28	14.11	-138.10	519.54	698.16	1,332.48	1,303.81	28.66	46.486	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,057.87	5,046.39	4,977.94	16.64	14.43	-138.11	526.08	713.77	1,356.99	1,327.69	29.30	46.306		
5,300.00	5,154.71	5,143.34	5,073.40	17.01	14.76	-138.12	532.62	729.37	1,381.50	1,351.55	29.95	46.127		
5,400.00	5,251.55	5,240.29	5,168.86	17.38	15.09	-138.12	539.17	744.97	1,406.02	1,375.42	30.60	45.950		
5,500.00	5,348.39	5,337.24	5,264.32	17.75	15.42	-138.13	545.71	760.57	1,430.53	1,399.28	31.25	45.774		
5,600.00	5,445.23	5,434.19	5,359.78	18.13	15.76	-138.14	552.25	776.17	1,455.05	1,423.14	31.91	45.599		
5,700.00	5,542.07	5,531.14	5,455.24	18.50	16.09	-138.14	558.79	791.78	1,479.56	1,446.99	32.57	45.428		
5,800.00	5,638.91	5,628.09	5,550.70	18.88	16.43	-138.15	565.34	807.38	1,504.08	1,470.84	33.23	45.258		
5,900.00	5,735.75	5,725.03	5,646.16	19.26	16.77	-138.16	571.88	822.98	1,528.59	1,494.69	33.90	45.091		
6,000.00	5,832.60	5,821.98	5,741.62	19.64	17.11	-138.16	578.42	838.58	1,553.11	1,518.54	34.57	44.927		
6,100.00	5,929.44	5,918.93	5,837.08	20.02	17.45	-138.17	584.96	854.18	1,577.62	1,542.38	35.24	44.766		
6,200.00	6,026.28	6,015.88	5,932.54	20.40	17.79	-138.17	591.51	869.79	1,602.14	1,566.22	35.92	44.607		
6,300.00	6,123.12	6,112.83	6,028.01	20.79	18.13	-138.18	598.05	885.39	1,626.65	1,590.06	36.59	44.451		
6,400.00	6,219.96	6,209.78	6,123.47	21.17	18.48	-138.18	604.59	900.99	1,651.17	1,613.89	37.27	44.298		
6,500.00	6,316.80	6,306.72	6,218.93	21.56	18.82	-138.19	611.13	916.59	1,675.68	1,637.73	37.96	44.148		
6,600.00	6,413.64	6,403.67	6,314.39	21.94	19.17	-138.19	617.67	932.19	1,700.20	1,661.56	38.64	44.001		
6,700.00	6,510.48	6,488.46	6,398.37	22.33	19.38	-138.33	623.40	941.84	1,725.01	1,685.84	39.16	44.046		
6,800.00	6,607.32	6,568.70	6,478.38	22.72	19.50	-139.01	628.77	940.72	1,750.68	1,711.11	39.57	44.239		
6,900.00	6,705.10	6,645.98	6,554.71	22.99	19.58	179.96	633.82	930.12	1,777.11	1,737.25	39.86	44.587		
7,000.00	6,803.10	6,721.94	6,627.95	23.16	19.65	135.34	638.60	910.75	1,803.50	1,763.47	40.03	45.049		
7,100.00	6,898.92	6,797.01	6,697.58	23.27	19.71	112.26	643.07	883.16	1,829.13	1,788.98	40.15	45.562		
7,200.00	6,990.18	6,871.58	6,763.06	23.33	19.79	100.51	647.20	847.81	1,853.30	1,813.07	40.22	46.074		
7,300.00	7,074.65	6,945.99	6,823.85	23.34	19.90	93.45	650.96	805.14	1,875.39	1,835.08	40.31	46.524		
7,400.00	7,150.25	7,020.52	6,879.35	23.30	20.09	88.77	654.31	755.57	1,894.86	1,854.39	40.47	46.822		
7,500.00	7,215.10	7,095.42	6,928.93	23.24	20.37	85.56	657.21	699.55	1,911.26	1,870.51	40.75	46.898		
7,600.00	7,267.63	7,170.93	6,971.91	23.15	20.81	83.39	659.62	637.58	1,924.21	1,882.96	41.25	46.649		
7,700.00	7,306.52	7,247.23	7,007.62	23.04	21.41	82.08	661.49	570.23	1,933.44	1,891.45	41.99	46.048		
7,800.00	7,330.84	7,324.51	7,035.33	22.92	22.23	81.49	662.80	498.14	1,938.77	1,895.74	43.03	45.054		
7,900.00	7,339.97	7,402.95	7,054.34	22.81	23.24	81.59	663.49	422.10	1,940.12	1,895.76	44.36	43.737		
8,000.00	7,339.23	7,483.23	7,063.99	22.72	24.45	81.90	663.52	342.46	1,939.30	1,893.33	45.98	42.182		
8,038.25	7,338.88	7,514.43	7,065.02	22.72	24.95	81.94	663.34	311.28	1,939.23	1,892.57	46.67	41.555		
8,100.00	7,338.31	7,573.20	7,064.45	22.74	25.96	81.94	662.85	252.51	1,939.32	1,891.34	47.97	40.426		
8,200.00	7,337.40	7,673.20	7,063.25	22.95	27.85	81.93	661.99	152.52	1,939.47	1,889.04	50.43	38.458		
8,300.00	7,336.48	7,773.20	7,062.04	23.46	29.91	81.92	661.13	52.53	1,939.62	1,886.46	53.16	36.486		
8,400.00	7,335.57	7,873.20	7,060.84	24.21	32.12	81.92	660.28	-47.45	1,939.78	1,883.65	56.13	34.560		
8,500.00	7,334.65	7,973.20	7,059.63	25.11	34.44	81.91	659.42	-147.44	1,939.93	1,880.63	59.30	32.716		
8,600.00	7,333.73	8,073.20	7,058.42	26.11	36.85	81.90	658.56	-247.43	1,940.08	1,877.45	62.64	30.974		
8,700.00	7,332.82	8,173.20	7,057.22	27.17	39.34	81.89	657.70	-347.42	1,940.24	1,874.12	66.12	29.345		
8,800.00	7,331.90	8,273.20	7,056.01	28.30	41.89	81.88	656.85	-447.41	1,940.39	1,870.66	69.73	27.828		
8,900.00	7,330.99	8,373.20	7,054.80	29.48	44.49	81.88	655.99	-547.40	1,940.54	1,867.10	73.44	26.423		
9,000.00	7,330.07	8,473.20	7,053.60	30.71	47.13	81.87	655.13	-647.39	1,940.70	1,863.45	77.25	25.123		
9,100.00	7,329.16	8,573.20	7,052.39	31.97	49.81	81.86	654.27	-747.37	1,940.85	1,859.72	81.13	23.922		
9,200.00	7,328.24	8,673.20	7,051.19	33.27	52.52	81.85	653.41	-847.36	1,941.01	1,855.92	85.09	22.812		
9,300.00	7,327.32	8,773.20	7,049.98	34.60	55.26	81.84	652.56	-947.35	1,941.16	1,852.06	89.10	21.786		
9,400.00	7,326.41	8,873.20	7,048.77	35.96	58.02	81.84	651.70	-1,047.34	1,941.31	1,848.15	93.17	20.837		
9,500.00	7,325.49	8,973.19	7,047.57	37.35	60.80	81.83	650.84	-1,147.33	1,941.47	1,844.19	97.28	19.957		
9,600.00	7,324.58	9,073.19	7,046.36	38.75	63.59	81.82	649.98	-1,247.32	1,941.62	1,840.19	101.43	19.142		
9,700.00	7,323.66	9,173.19	7,045.16	40.17	66.40	81.81	649.13	-1,347.31	1,941.78	1,836.15	105.62	18.384		
9,800.00	7,322.75	9,273.19	7,043.95	41.62	69.22	81.80	648.27	-1,447.29	1,941.93	1,832.08	109.85	17.679		
9,900.00	7,321.83	9,373.19	7,042.74	43.07	72.05	81.80	647.41	-1,547.28	1,942.08	1,827.99	114.10	17.022		
10,000.00	7,320.91	9,473.19	7,041.54	44.55	74.90	81.79	646.55	-1,647.27	1,942.24	1,823.87	118.37	16.408		
10,100.00	7,320.00	9,573.19	7,040.33	46.03	77.75	81.78	645.70	-1,747.26	1,942.39	1,819.72	122.67	15.834		
10,200.00	7,319.08	9,673.19	7,039.13	47.53	80.61	81.77	644.84	-1,847.25	1,942.55	1,815.56	126.99	15.297		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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								Warning
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		
10,300.00	7,318.17	9,773.19	7,037.92	49.04	83.47	81.76	643.98	-1,947.24	1,942.70	1,811.38	131.33	14.793		
10,400.00	7,317.25	9,873.19	7,036.71	50.56	86.35	81.76	643.12	-2,047.23	1,942.85	1,807.18	135.68	14.319		
10,500.00	7,316.34	9,973.19	7,035.51	52.09	89.23	81.75	642.26	-2,147.21	1,943.01	1,802.96	140.05	13.874		
10,600.00	7,315.42	10,073.19	7,034.30	53.62	92.11	81.74	641.41	-2,247.20	1,943.16	1,798.73	144.43	13.454		
10,700.00	7,314.50	10,173.19	7,033.09	55.17	95.00	81.73	640.55	-2,347.19	1,943.32	1,794.49	148.83	13.057		
10,800.00	7,313.59	10,273.19	7,031.89	56.72	97.89	81.72	639.69	-2,447.18	1,943.47	1,790.24	153.24	12.683		
10,900.00	7,312.67	10,373.19	7,030.68	58.28	100.79	81.72	638.83	-2,547.17	1,943.63	1,785.97	157.65	12.328		
11,000.00	7,311.76	10,473.19	7,029.48	59.84	103.69	81.71	637.98	-2,647.16	1,943.78	1,781.70	162.08	11.993		
11,100.00	7,310.84	10,573.19	7,028.27	61.41	106.60	81.70	637.12	-2,747.15	1,943.94	1,777.42	166.52	11.674		
11,200.00	7,309.93	10,673.19	7,027.06	62.99	109.50	81.69	636.26	-2,847.13	1,944.09	1,773.13	170.96	11.371		
11,300.00	7,309.01	10,773.19	7,025.86	64.57	112.41	81.68	635.40	-2,947.12	1,944.24	1,768.83	175.42	11.084		
11,400.00	7,308.10	10,873.19	7,024.65	66.15	115.33	81.68	634.54	-3,047.11	1,944.40	1,764.52	179.87	10.810		
11,500.00	7,307.18	10,973.18	7,023.45	67.74	118.24	81.67	633.69	-3,147.10	1,944.55	1,760.21	184.34	10.549		
11,600.00	7,306.26	11,073.18	7,022.24	69.33	121.16	81.66	632.83	-3,247.09	1,944.71	1,755.90	188.81	10.300		
11,700.00	7,305.35	11,173.18	7,021.03	70.93	124.08	81.65	631.97	-3,347.08	1,944.86	1,751.57	193.29	10.062		
11,800.00	7,304.43	11,273.18	7,019.83	72.53	127.00	81.64	631.11	-3,447.07	1,945.02	1,747.25	197.77	9.835		
11,900.00	7,303.52	11,373.18	7,018.62	74.13	129.93	81.64	630.26	-3,547.05	1,945.17	1,742.91	202.26	9.617		
12,000.00	7,302.60	11,473.18	7,017.41	75.74	132.85	81.63	629.40	-3,647.04	1,945.33	1,738.57	206.75	9.409		
12,100.00	7,301.69	11,573.18	7,016.21	77.34	135.78	81.62	628.54	-3,747.03	1,945.48	1,734.23	211.25	9.209		
12,200.00	7,300.77	11,673.18	7,015.00	78.96	138.71	81.61	627.68	-3,847.02	1,945.64	1,729.89	215.75	9.018		
12,300.00	7,299.85	11,773.18	7,013.80	80.57	141.64	81.60	626.82	-3,947.01	1,945.79	1,725.54	220.25	8.834		
12,400.00	7,298.94	11,873.18	7,012.59	82.19	144.57	81.60	625.97	-4,047.00	1,945.95	1,721.19	224.76	8.658		
12,500.00	7,298.02	11,973.18	7,011.38	83.80	147.50	81.59	625.11	-4,146.99	1,946.10	1,716.83	229.27	8.488		
12,600.00	7,297.11	12,073.18	7,010.18	85.42	150.43	81.58	624.25	-4,246.97	1,946.26	1,712.47	233.79	8.325		
12,700.00	7,296.19	12,173.18	7,008.97	87.05	153.37	81.57	623.39	-4,346.96	1,946.41	1,708.11	238.30	8.168		
12,800.00	7,295.28	12,273.18	7,007.77	88.67	156.30	81.56	622.54	-4,446.95	1,946.57	1,703.74	242.82	8.016		
12,900.00	7,294.36	12,373.18	7,006.56	90.30	159.24	81.56	621.68	-4,546.94	1,946.72	1,699.38	247.35	7.870		
13,000.00	7,293.44	12,473.18	7,005.35	91.92	162.18	81.55	620.82	-4,646.93	1,946.88	1,695.01	251.87	7.730		
13,100.00	7,292.53	12,573.18	7,004.15	93.55	165.12	81.54	619.96	-4,746.92	1,947.03	1,690.64	256.40	7.594		
13,200.00	7,291.61	12,673.18	7,002.94	95.18	168.06	81.53	619.11	-4,846.91	1,947.19	1,686.26	260.93	7.463		
13,300.00	7,290.70	12,773.18	7,001.74	96.82	171.00	81.52	618.25	-4,946.89	1,947.35	1,681.89	265.46	7.336		
13,400.00	7,289.78	12,873.18	7,000.53	98.45	173.94	81.52	617.39	-5,046.88	1,947.50	1,677.51	269.99	7.213		
13,500.00	7,288.87	12,973.18	6,999.32	100.08	176.88	81.51	616.53	-5,146.87	1,947.66	1,673.13	274.53	7.095		
13,600.00	7,287.95	13,073.17	6,998.12	101.72	179.82	81.50	615.67	-5,246.86	1,947.81	1,668.75	279.06	6.980		
13,700.00	7,287.03	13,173.17	6,996.91	103.36	182.76	81.49	614.82	-5,346.85	1,947.97	1,664.37	283.60	6.869		
13,800.00	7,286.12	13,273.17	6,995.70	105.00	185.71	81.49	613.96	-5,446.84	1,948.12	1,659.98	288.14	6.761		
13,900.00	7,285.20	13,373.17	6,994.50	106.64	188.65	81.48	613.10	-5,546.83	1,948.28	1,655.60	292.68	6.657		
14,000.00	7,284.29	13,473.17	6,993.29	108.28	191.59	81.47	612.24	-5,646.81	1,948.43	1,651.21	297.22	6.555		
14,100.00	7,283.37	13,573.17	6,992.09	109.92	194.54	81.46	611.39	-5,746.80	1,948.59	1,646.82	301.77	6.457		
14,200.00	7,282.46	13,673.17	6,990.88	111.56	197.49	81.45	610.53	-5,846.79	1,948.75	1,642.43	306.31	6.362		
14,300.00	7,281.54	13,773.17	6,989.67	113.20	200.43	81.45	609.67	-5,946.78	1,948.90	1,638.04	310.86	6.269		
14,400.00	7,280.63	13,873.17	6,988.47	114.85	203.38	81.44	608.81	-6,046.77	1,949.06	1,633.65	315.41	6.180		
14,500.00	7,279.71	13,973.17	6,987.26	116.49	206.32	81.43	607.95	-6,146.76	1,949.21	1,629.26	319.95	6.092		
14,600.00	7,278.79	14,073.17	6,986.06	118.14	209.27	81.42	607.10	-6,246.75	1,949.37	1,624.86	324.50	6.007		
14,700.00	7,277.88	14,173.17	6,984.85	119.79	212.22	81.41	606.24	-6,346.73	1,949.53	1,620.47	329.05	5.925		
14,800.00	7,276.96	14,273.17	6,983.64	121.43	215.17	81.41	605.38	-6,446.72	1,949.68	1,616.07	333.61	5.844		
14,900.00	7,276.05	14,373.17	6,982.44	123.08	218.12	81.40	604.52	-6,546.71	1,949.84	1,611.68	338.16	5.766		
15,000.00	7,275.13	14,473.17	6,981.23	124.73	221.07	81.39	603.67	-6,646.70	1,949.99	1,607.28	342.71	5.690		
15,100.00	7,274.22	14,573.17	6,980.02	126.38	224.01	81.38	602.81	-6,746.69	1,950.15	1,602.88	347.27	5.616		
15,200.00	7,273.30	14,673.17	6,978.82	128.03	226.96	81.37	601.95	-6,846.68	1,950.31	1,598.48	351.82	5.543		
15,300.00	7,272.38	14,773.17	6,977.61	129.68	229.91	81.37	601.09	-6,946.67	1,950.46	1,594.09	356.38	5.473		
15,400.00	7,271.47	14,873.17	6,976.41	131.33	232.86	81.36	600.24	-7,046.65	1,950.62	1,589.69	360.93	5.404		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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
15,500.00	7,270.55	14,973.17	6,975.20	132.98	235.82	81.35	599.38	-7,146.64	1,950.77	1,585.29	365.49	5.337	
15,551.16	7,270.08	15,006.87	6,974.79	133.83	236.81	81.35	599.09	-7,180.34	1,950.93	1,583.67	367.26	5.312 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	2.00	-2.00	3.28	3.28	-4.66	259.03	-21.13	259.89				
100.00	100.00	102.00	98.00	3.28	3.28	-4.66	259.03	-21.13	259.89	252.36	7.53	34.518	
200.00	200.00	198.00	198.00	3.31	3.30	-4.66	259.03	-21.13	259.89	252.31	7.57	34.317	CC, ES
300.00	299.99	293.27	293.26	3.35	3.35	-140.28	259.97	-19.94	261.63	253.98	7.66	34.176	
400.00	399.88	388.18	388.04	3.41	3.41	-139.96	262.86	-16.28	267.85	260.08	7.78	34.446	
500.00	499.55	482.53	482.07	3.49	3.49	-139.50	267.65	-10.20	278.58	270.64	7.94	35.071	
600.00	598.89	576.05	574.97	3.60	3.60	-138.93	274.30	-1.79	293.79	285.63	8.16	36.008	
700.00	697.76	668.47	666.38	3.75	3.73	-138.28	282.71	8.86	313.43	305.00	8.43	37.196	
800.00	796.05	759.71	756.16	3.95	3.89	-137.57	292.81	21.64	337.42	328.67	8.75	38.577	
900.00	893.63	855.89	850.53	4.19	4.09	-137.04	304.32	36.23	364.75	355.60	9.14	39.896	
1,000.00	990.55	951.48	944.31	4.48	4.32	-137.03	315.77	50.72	394.12	384.53	9.59	41.094	
1,100.00	1,087.39	1,046.99	1,038.02	4.81	4.56	-137.21	327.21	65.20	423.71	413.64	10.07	42.071	
1,200.00	1,184.23	1,142.50	1,131.74	5.17	4.83	-137.36	338.64	79.68	453.30	442.71	10.59	42.809	
1,300.00	1,281.07	1,238.02	1,225.45	5.55	5.10	-137.49	350.08	94.17	482.90	471.76	11.14	43.354	
1,400.00	1,377.91	1,333.53	1,319.17	5.95	5.40	-137.61	361.52	108.65	512.50	500.79	11.71	43.758	
1,500.00	1,474.75	1,429.05	1,412.88	6.36	5.70	-137.72	372.96	123.13	542.10	529.79	12.31	44.034	
1,600.00	1,571.59	1,524.56	1,506.59	6.79	6.01	-137.81	384.39	137.61	571.70	558.77	12.93	44.222	
1,700.00	1,668.44	1,620.07	1,600.31	7.23	6.33	-137.90	395.83	152.09	601.31	587.75	13.56	44.340	
1,800.00	1,765.28	1,715.59	1,694.02	7.67	6.66	-137.97	407.27	166.58	630.91	616.70	14.21	44.404	
1,900.00	1,862.12	1,811.10	1,787.74	7.92	6.97	-138.04	418.71	181.06	660.52	646.02	14.50	45.558	
2,000.00	1,958.96	1,906.62	1,881.45	7.98	7.15	-138.11	430.14	195.54	690.12	675.60	14.53	47.501	
2,100.00	2,055.80	2,002.13	1,975.17	8.06	7.19	-138.17	441.58	210.02	719.73	705.11	14.62	49.218	
2,200.00	2,152.64	2,102.36	2,068.88	8.16	7.25	-138.22	453.02	224.51	749.34	734.58	14.75	50.788	
2,300.00	2,249.48	2,193.16	2,162.59	8.28	7.32	-138.27	464.45	238.99	778.95	764.04	14.91	52.238	
2,400.00	2,346.32	2,288.67	2,256.31	8.42	7.41	-138.32	475.89	253.47	808.56	793.45	15.10	53.537	
2,500.00	2,443.16	2,384.19	2,350.02	8.58	7.51	-138.36	487.33	267.95	838.17	822.84	15.32	54.698	
2,600.00	2,540.00	2,479.70	2,443.74	8.76	7.63	-138.40	498.77	282.44	867.78	852.20	15.57	55.724	
2,700.00	2,636.84	2,575.21	2,537.45	8.95	7.75	-138.44	510.20	296.92	897.39	881.54	15.85	56.621	
2,800.00	2,733.69	2,670.73	2,631.17	9.16	7.89	-138.47	521.64	311.40	927.00	910.85	16.15	57.396	
2,900.00	2,830.53	2,766.24	2,724.88	9.38	8.04	-138.51	533.08	325.88	956.61	940.13	16.48	58.059	
3,000.00	2,927.37	2,861.76	2,818.60	9.61	8.20	-138.54	544.52	340.36	986.22	969.39	16.83	58.616	
3,100.00	3,024.21	2,957.27	2,912.31	9.85	8.37	-138.57	555.95	354.85	1,015.83	998.64	17.19	59.078	
3,200.00	3,121.05	3,052.78	3,006.02	10.11	8.55	-138.60	567.39	369.33	1,045.44	1,027.86	17.58	59.453	
3,300.00	3,217.89	3,148.30	3,099.74	10.38	8.74	-138.62	578.83	383.81	1,075.05	1,057.06	17.99	59.750	
3,400.00	3,314.73	3,243.81	3,193.45	10.65	8.94	-138.65	590.27	398.29	1,104.67	1,086.25	18.42	59.977	
3,500.00	3,411.57	3,339.33	3,287.17	10.94	9.15	-138.67	601.70	412.78	1,134.28	1,115.42	18.86	60.143	
3,600.00	3,508.41	3,434.84	3,380.88	11.23	9.36	-138.69	613.14	427.26	1,163.89	1,144.57	19.32	60.255	
3,700.00	3,605.25	3,530.35	3,474.60	11.53	9.58	-138.71	624.58	441.74	1,193.50	1,173.72	19.79	60.319	
3,800.00	3,702.09	3,625.87	3,568.31	11.84	9.81	-138.73	636.02	456.22	1,223.12	1,202.85	20.27	60.341	
3,900.00	3,798.94	3,721.38	3,662.02	12.15	10.04	-138.75	647.45	470.70	1,252.73	1,231.96	20.77	60.328	
4,000.00	3,895.78	3,816.90	3,755.74	12.47	10.27	-138.77	658.89	485.19	1,282.34	1,261.07	21.27	60.283	
4,100.00	3,992.62	3,912.41	3,849.45	12.80	10.52	-138.79	670.33	499.67	1,311.95	1,290.17	21.79	60.212	
4,200.00	4,089.46	4,007.92	3,943.17	13.13	10.76	-138.80	681.76	514.15	1,341.57	1,319.25	22.32	60.119	
4,300.00	4,186.30	4,103.44	4,036.88	13.46	11.02	-138.82	693.20	528.63	1,371.18	1,348.33	22.85	60.005	
4,400.00	4,283.14	4,201.05	4,130.60	13.80	11.28	-138.84	704.64	543.12	1,400.79	1,377.39	23.40	59.861	
4,500.00	4,379.98	4,305.53	4,224.31	14.15	11.56	-138.85	716.08	557.60	1,430.41	1,406.43	23.98	59.657	
4,600.00	4,476.82	4,389.98	4,318.02	14.49	11.80	-138.86	727.51	572.08	1,460.02	1,435.51	24.51	59.578	
4,700.00	4,573.66	4,485.49	4,411.74	14.84	12.06	-138.88	738.95	586.56	1,489.63	1,464.56	25.07	59.414	
4,800.00	4,670.50	4,581.01	4,505.45	15.20	12.33	-138.89	750.39	601.04	1,519.25	1,493.60	25.64	59.243	
4,900.00	4,767.35	4,676.52	4,599.17	15.56	12.61	-138.90	761.83	615.53	1,548.86	1,522.64	26.22	59.066	
5,000.00	4,864.19	4,772.04	4,692.88	15.92	12.88	-138.91	773.26	630.01	1,578.48	1,551.67	26.81	58.885	
5,100.00	4,961.03	4,867.55	4,786.60	16.28	13.16	-138.93	784.70	644.49	1,608.09	1,580.69	27.39	58.700	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,057.87	4,963.06	4,880.31	16.64	13.44	-138.94	796.14	658.97	1,637.70	1,609.71	27.99	58.513		
5,300.00	5,154.71	5,058.58	4,974.03	17.01	13.73	-138.95	807.58	673.46	1,667.32	1,638.73	28.59	58.324		
5,400.00	5,251.55	5,154.09	5,067.74	17.38	14.01	-138.96	819.01	687.94	1,696.93	1,667.74	29.19	58.135		
5,500.00	5,348.39	5,249.61	5,161.45	17.75	14.30	-138.97	830.45	702.42	1,726.54	1,696.75	29.80	57.945		
5,600.00	5,445.23	5,345.12	5,255.17	18.13	14.59	-138.98	841.89	716.90	1,756.16	1,725.75	30.41	57.756		
5,700.00	5,542.07	5,440.63	5,348.88	18.50	14.88	-138.99	853.33	731.39	1,785.77	1,754.75	31.02	57.567		
5,800.00	5,638.91	5,536.15	5,442.60	18.88	15.17	-139.00	864.76	745.87	1,815.39	1,783.75	31.64	57.380		
5,900.00	5,735.75	5,631.66	5,536.31	19.26	15.47	-139.01	876.20	760.35	1,845.00	1,812.74	32.26	57.194		
6,000.00	5,832.60	5,727.18	5,630.03	19.64	15.76	-139.01	887.64	774.83	1,874.62	1,841.73	32.88	57.010		
6,100.00	5,929.44	5,822.69	5,723.74	20.02	16.06	-139.02	899.07	789.31	1,904.23	1,870.72	33.51	56.828		
6,200.00	6,026.28	5,918.20	5,817.45	20.40	16.36	-139.03	910.51	803.80	1,933.84	1,899.71	34.14	56.648		
6,300.00	6,123.12	6,013.72	5,911.17	20.79	16.66	-139.04	921.95	818.28	1,963.46	1,928.69	34.77	56.470		
6,400.00	6,219.96	6,109.23	6,004.88	21.17	16.96	-139.05	933.39	832.76	1,993.07	1,957.67	35.40	56.295		
6,500.00	6,316.80	6,204.75	6,098.60	21.56	17.26	-139.05	944.82	847.24	2,022.69	1,986.65	36.04	56.122		
6,600.00	6,413.64	6,300.26	6,192.31	21.94	17.57	-139.06	956.26	861.73	2,052.30	2,015.62	36.68	55.952		
6,700.00	6,510.48	6,404.23	6,286.03	22.33	17.90	-139.07	967.70	876.21	2,081.92	2,044.57	37.35	55.745		
6,800.00	6,607.32	6,491.29	6,379.74	22.72	18.18	-139.28	979.14	890.69	2,111.53	2,073.57	37.96	55.621		
6,900.00	6,705.10	6,576.35	6,463.35	22.99	18.42	-179.90	989.33	902.50	2,140.92	2,102.46	38.46	55.672		
7,000.00	6,803.10	6,651.36	6,537.72	23.16	18.59	135.89	998.34	905.10	2,170.00	2,131.23	38.76	55.982		
7,100.00	6,898.92	6,727.20	6,612.72	23.27	18.71	113.20	1,007.35	898.76	2,198.23	2,159.26	38.97	56.409		
7,200.00	6,990.18	6,804.38	6,687.72	23.33	18.80	101.80	1,016.30	883.13	2,225.00	2,185.90	39.10	56.910		
7,300.00	7,074.65	6,883.42	6,762.01	23.34	18.86	95.08	1,025.08	857.79	2,249.74	2,210.58	39.16	57.450		
7,400.00	7,150.25	6,964.90	6,834.74	23.30	18.88	90.70	1,033.59	822.17	2,271.94	2,232.75	39.19	57.969		
7,500.00	7,215.10	7,049.44	6,904.79	23.24	18.88	87.76	1,041.70	775.65	2,291.13	2,251.90	39.23	58.403		
7,600.00	7,267.63	7,137.72	6,970.74	23.15	18.85	85.85	1,049.22	717.57	2,306.93	2,267.62	39.32	58.674		
7,700.00	7,306.52	7,230.42	7,030.73	23.04	18.82	84.77	1,055.92	647.32	2,319.00	2,279.50	39.50	58.703		
7,800.00	7,330.84	7,328.26	7,082.36	22.92	18.82	84.41	1,061.52	564.51	2,327.07	2,287.23	39.83	58.421		
7,900.00	7,339.97	7,431.90	7,122.65	22.81	18.88	84.71	1,065.65	469.24	2,330.91	2,290.58	40.34	57.783		
8,000.00	7,339.23	7,543.12	7,148.23	22.72	19.09	85.35	1,067.91	361.17	2,331.88	2,290.82	41.06	56.793		
8,100.00	7,338.31	7,657.69	7,154.87	22.74	19.50	85.54	1,067.82	246.94	2,332.24	2,290.23	42.01	55.523		
8,200.00	7,337.40	7,757.69	7,154.11	22.95	20.04	85.54	1,066.96	146.94	2,332.33	2,289.19	43.14	54.061		
8,300.00	7,336.48	7,857.69	7,153.35	23.46	20.72	85.55	1,066.09	46.95	2,332.42	2,287.93	44.50	52.418		
8,400.00	7,335.57	7,957.69	7,152.59	24.21	21.50	85.55	1,065.22	-53.04	2,332.52	2,286.46	46.06	50.644		
8,500.00	7,334.65	8,057.69	7,151.82	25.11	22.38	85.55	1,064.36	-153.04	2,332.61	2,284.81	47.80	48.796		
8,600.00	7,333.73	8,157.69	7,151.06	26.11	23.35	85.56	1,063.49	-253.03	2,332.70	2,282.99	49.72	46.920		
8,700.00	7,332.82	8,257.69	7,150.30	27.17	24.39	85.56	1,062.62	-353.02	2,332.80	2,281.02	51.78	45.055		
8,800.00	7,331.90	8,357.69	7,149.54	28.30	25.50	85.57	1,061.76	-453.02	2,332.89	2,278.92	53.97	43.228		
8,900.00	7,330.99	8,457.69	7,148.77	29.48	26.66	85.57	1,060.89	-553.01	2,332.98	2,276.71	56.27	41.458		
9,000.00	7,330.07	8,557.69	7,148.01	30.71	27.88	85.57	1,060.02	-653.00	2,333.07	2,274.39	58.68	39.760		
9,100.00	7,329.16	8,657.69	7,147.25	31.97	29.13	85.58	1,059.16	-753.00	2,333.17	2,271.99	61.18	38.139		
9,200.00	7,328.24	8,757.69	7,146.49	33.27	30.43	85.58	1,058.29	-852.99	2,333.26	2,269.51	63.75	36.600		
9,300.00	7,327.32	8,857.69	7,145.72	34.60	31.76	85.58	1,057.42	-952.98	2,333.35	2,266.96	66.39	35.144		
9,400.00	7,326.41	8,957.69	7,144.96	35.96	33.12	85.59	1,056.56	-1,052.98	2,333.45	2,264.35	69.10	33.770		
9,500.00	7,325.49	9,057.69	7,144.20	37.35	34.51	85.59	1,055.69	-1,152.97	2,333.54	2,261.68	71.86	32.475		
9,600.00	7,324.58	9,157.69	7,143.44	38.75	35.92	85.60	1,054.82	-1,252.96	2,333.63	2,258.97	74.66	31.255		
9,700.00	7,323.66	9,257.69	7,142.67	40.17	37.36	85.60	1,053.96	-1,352.96	2,333.72	2,256.21	77.52	30.107		
9,800.00	7,322.75	9,357.69	7,141.91	41.62	38.81	85.60	1,053.09	-1,452.95	2,333.82	2,253.41	80.40	29.026		
9,900.00	7,321.83	9,457.69	7,141.15	43.07	40.28	85.61	1,052.22	-1,552.94	2,333.91	2,250.58	83.33	28.009		
10,000.00	7,320.91	9,557.68	7,140.39	44.55	41.76	85.61	1,051.36	-1,652.93	2,334.00	2,247.72	86.28	27.051		
10,100.00	7,320.00	9,657.68	7,139.62	46.03	43.26	85.62	1,050.49	-1,752.93	2,334.10	2,244.83	89.26	26.149		
10,200.00	7,319.08	9,757.68	7,138.86	47.53	44.77	85.62	1,049.62	-1,852.92	2,334.19	2,241.92	92.27	25.298		
10,300.00	7,318.17	9,857.68	7,138.10	49.04	46.29	85.62	1,048.76	-1,952.91	2,334.28	2,238.98	95.30	24.495		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,317.25	9,957.68	7,137.33	50.56	47.82	85.63	1,047.89	-2,052.91	2,334.37	2,236.03	98.35	23.736		
10,500.00	7,316.34	10,057.68	7,136.57	52.09	49.36	85.63	1,047.02	-2,152.90	2,334.47	2,233.05	101.42	23.019		
10,600.00	7,315.42	10,157.68	7,135.81	53.62	50.91	85.64	1,046.16	-2,252.89	2,334.56	2,230.06	104.50	22.340		
10,700.00	7,314.50	10,257.68	7,135.05	55.17	52.47	85.64	1,045.29	-2,352.89	2,334.65	2,227.05	107.60	21.697		
10,800.00	7,313.59	10,357.68	7,134.28	56.72	54.03	85.64	1,044.42	-2,452.88	2,334.75	2,224.03	110.72	21.088		
10,900.00	7,312.67	10,457.68	7,133.52	58.28	55.60	85.65	1,043.56	-2,552.87	2,334.84	2,221.00	113.84	20.509		
11,000.00	7,311.76	10,557.68	7,132.76	59.84	57.18	85.65	1,042.69	-2,652.87	2,334.93	2,217.95	116.98	19.959		
11,100.00	7,310.84	10,657.68	7,132.00	61.41	58.76	85.66	1,041.82	-2,752.86	2,335.03	2,214.89	120.14	19.437		
11,200.00	7,309.93	10,757.68	7,131.23	62.99	60.35	85.66	1,040.96	-2,852.85	2,335.12	2,211.82	123.30	18.939		
11,300.00	7,309.01	10,857.68	7,130.47	64.57	61.94	85.66	1,040.09	-2,952.85	2,335.21	2,208.74	126.47	18.465		
11,400.00	7,308.10	10,957.68	7,129.71	66.15	63.53	85.67	1,039.23	-3,052.84	2,335.31	2,205.66	129.65	18.013		
11,500.00	7,307.18	11,057.68	7,128.95	67.74	65.13	85.67	1,038.36	-3,152.83	2,335.40	2,202.56	132.84	17.581		
11,600.00	7,306.26	11,157.68	7,128.18	69.33	66.73	85.68	1,037.49	-3,252.83	2,335.49	2,199.46	136.03	17.169		
11,700.00	7,305.35	11,257.68	7,127.42	70.93	68.34	85.68	1,036.63	-3,352.82	2,335.59	2,196.35	139.23	16.775		
11,800.00	7,304.43	11,357.68	7,126.66	72.53	69.95	85.68	1,035.76	-3,452.81	2,335.68	2,193.24	142.44	16.397		
11,900.00	7,303.52	11,457.68	7,125.90	74.13	71.56	85.69	1,034.89	-3,552.80	2,335.77	2,190.11	145.66	16.036		
12,000.00	7,302.60	11,557.68	7,125.13	75.74	73.17	85.69	1,034.03	-3,652.80	2,335.86	2,186.99	148.88	15.690		
12,100.00	7,301.69	11,657.68	7,124.37	77.34	74.79	85.70	1,033.16	-3,752.79	2,335.96	2,183.85	152.10	15.358		
12,200.00	7,300.77	11,757.68	7,123.61	78.96	76.41	85.70	1,032.29	-3,852.78	2,336.05	2,180.72	155.33	15.039		
12,300.00	7,299.85	11,857.68	7,122.85	80.57	78.03	85.70	1,031.43	-3,952.78	2,336.14	2,177.57	158.57	14.733		
12,400.00	7,298.94	11,957.68	7,122.08	82.19	79.66	85.71	1,030.56	-4,052.77	2,336.24	2,174.43	161.81	14.438		
12,500.00	7,298.02	12,057.68	7,121.32	83.80	81.28	85.71	1,029.69	-4,152.76	2,336.33	2,171.28	165.06	14.155		
12,600.00	7,297.11	12,157.68	7,120.56	85.42	82.91	85.71	1,028.83	-4,252.76	2,336.42	2,168.12	168.30	13.882		
12,700.00	7,296.19	12,257.68	7,119.80	87.05	84.54	85.72	1,027.96	-4,352.75	2,336.52	2,164.96	171.56	13.620		
12,800.00	7,295.28	12,357.68	7,119.03	88.67	86.17	85.72	1,027.09	-4,452.74	2,336.61	2,161.80	174.81	13.366		
12,900.00	7,294.36	12,457.68	7,118.27	90.30	87.81	85.73	1,026.23	-4,552.74	2,336.70	2,158.63	178.07	13.122		
13,000.00	7,293.44	12,557.68	7,117.51	91.92	89.44	85.73	1,025.36	-4,652.73	2,336.80	2,155.46	181.33	12.887		
13,100.00	7,292.53	12,657.68	7,116.74	93.55	91.08	85.73	1,024.49	-4,752.72	2,336.89	2,152.29	184.60	12.659		
13,200.00	7,291.61	12,757.68	7,115.98	95.18	92.71	85.74	1,023.63	-4,852.72	2,336.98	2,149.12	187.87	12.440		
13,300.00	7,290.70	12,857.68	7,115.22	96.82	94.35	85.74	1,022.76	-4,952.71	2,337.08	2,145.94	191.14	12.227		
13,400.00	7,289.78	12,957.68	7,114.46	98.45	95.99	85.75	1,021.89	-5,052.70	2,337.17	2,142.76	194.41	12.022		
13,500.00	7,288.87	13,057.68	7,113.69	100.08	97.63	85.75	1,021.03	-5,152.70	2,337.26	2,139.58	197.68	11.823		
13,600.00	7,287.95	13,157.68	7,112.93	101.72	99.28	85.75	1,020.16	-5,252.69	2,337.36	2,136.40	200.96	11.631		
13,700.00	7,287.03	13,257.68	7,112.17	103.36	100.92	85.76	1,019.29	-5,352.68	2,337.45	2,133.21	204.24	11.445		
13,800.00	7,286.12	13,357.68	7,111.41	105.00	102.56	85.76	1,018.43	-5,452.68	2,337.54	2,130.02	207.52	11.264		
13,900.00	7,285.20	13,457.68	7,110.64	106.64	104.21	85.77	1,017.56	-5,552.67	2,337.64	2,126.83	210.81	11.089		
14,000.00	7,284.29	13,557.68	7,109.88	108.28	105.85	85.77	1,016.69	-5,652.66	2,337.73	2,123.64	214.09	10.919		
14,100.00	7,283.37	13,657.68	7,109.12	109.92	107.50	85.77	1,015.83	-5,752.65	2,337.82	2,120.44	217.38	10.754		
14,200.00	7,282.46	13,757.68	7,108.36	111.56	109.15	85.78	1,014.96	-5,852.65	2,337.92	2,117.25	220.67	10.595		
14,300.00	7,281.54	13,857.68	7,107.59	113.20	110.80	85.78	1,014.09	-5,952.64	2,338.01	2,114.05	223.96	10.439		
14,400.00	7,280.63	13,957.68	7,106.83	114.85	112.45	85.79	1,013.23	-6,052.63	2,338.10	2,110.85	227.25	10.288		
14,500.00	7,279.71	14,057.68	7,106.07	116.49	114.10	85.79	1,012.36	-6,152.63	2,338.20	2,107.65	230.55	10.142		
14,600.00	7,278.79	14,157.68	7,105.31	118.14	115.75	85.79	1,011.49	-6,252.62	2,338.29	2,104.45	233.84	9.999		
14,700.00	7,277.88	14,257.68	7,104.54	119.79	117.40	85.80	1,010.63	-6,352.61	2,338.38	2,101.24	237.14	9.861		
14,800.00	7,276.96	14,357.68	7,103.78	121.43	119.05	85.80	1,009.76	-6,452.61	2,338.48	2,098.04	240.44	9.726		
14,900.00	7,276.05	14,457.68	7,103.02	123.08	120.70	85.81	1,008.89	-6,552.60	2,338.57	2,094.83	243.74	9.595		
15,000.00	7,275.13	14,557.68	7,102.26	124.73	122.36	85.81	1,008.03	-6,652.59	2,338.67	2,091.62	247.04	9.467		
15,100.00	7,274.22	14,657.68	7,101.49	126.38	124.01	85.81	1,007.16	-6,752.59	2,338.76	2,088.42	250.34	9.342		
15,200.00	7,273.30	14,757.68	7,100.73	128.03	125.67	85.82	1,006.29	-6,852.58	2,338.85	2,085.21	253.65	9.221		
15,300.00	7,272.38	14,857.68	7,099.97	129.68	127.32	85.82	1,005.43	-6,952.57	2,338.95	2,082.00	256.95	9.103		
15,400.00	7,271.47	14,957.68	7,099.20	131.33	128.98	85.82	1,004.56	-7,052.57	2,339.04	2,078.78	260.26	8.987		
15,500.00	7,270.55	15,057.68	7,098.44	132.98	130.63	85.83	1,003.69	-7,152.56	2,339.13	2,075.57	263.56	8.875		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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
15,551.16	7,270.08	15,084.51	7,098.24	133.83	131.08	85.83	1,003.46	-7,179.39	2,339.31	2,074.48	264.82	8.833 SF	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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				Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)		Minimum Separation (usft)	Separation Factor
0.00	0.00	2.00	-2.00	3.28	3.28	-4.66	238.99	-19.46	239.78				
100.00	100.00	102.00	98.00	3.28	3.28	-4.66	238.99	-19.46	239.78	232.25	7.53	31.847	
200.00	200.00	202.00	198.00	3.31	3.31	-4.66	238.99	-19.46	239.78	232.20	7.57	31.655 CC, ES	
300.00	299.99	296.29	296.29	3.35	3.35	-140.50	239.18	-19.14	240.81	233.15	7.66	31.448	
400.00	399.88	392.59	392.54	3.41	3.41	-140.42	240.79	-16.41	245.75	237.97	7.78	31.594	
500.00	499.55	488.50	488.23	3.49	3.49	-140.11	244.04	-10.92	254.84	246.89	7.95	32.072	
600.00	598.89	583.76	583.01	3.60	3.60	-139.62	248.89	-2.75	268.05	259.89	8.16	32.841	
700.00	697.76	678.14	676.54	3.75	3.73	-138.97	255.26	8.01	285.36	276.93	8.43	33.847	
800.00	796.05	771.76	768.89	3.95	3.89	-138.21	263.14	21.29	306.72	297.97	8.75	35.034	
900.00	893.63	868.70	864.26	4.19	4.08	-137.65	271.95	36.18	331.24	322.09	9.15	36.207	
1,000.00	990.55	965.09	959.11	4.48	4.29	-137.62	280.72	50.97	357.84	348.25	9.60	37.293	
1,100.00	1,087.39	1,061.42	1,053.89	4.81	4.53	-137.77	289.49	65.76	384.67	374.59	10.08	38.178	
1,200.00	1,184.23	1,157.75	1,148.68	5.17	4.78	-137.90	298.25	80.55	411.49	400.90	10.59	38.847	
1,300.00	1,281.07	1,254.08	1,243.46	5.55	5.05	-138.01	307.02	95.34	438.32	427.17	11.14	39.342	
1,400.00	1,377.91	1,350.42	1,338.25	5.95	5.33	-138.11	315.78	110.13	465.14	453.43	11.72	39.703	
1,500.00	1,474.75	1,446.75	1,433.03	6.36	5.62	-138.20	324.54	124.92	491.97	479.66	12.31	39.954	
1,600.00	1,571.59	1,543.08	1,527.82	6.79	5.93	-138.28	333.31	139.71	518.80	505.87	12.93	40.124	
1,700.00	1,668.44	1,639.41	1,622.60	7.23	6.23	-138.35	342.07	154.50	545.63	532.07	13.56	40.230	
1,800.00	1,765.28	1,735.74	1,717.39	7.67	6.55	-138.42	350.84	169.29	572.46	558.25	14.21	40.286	
1,900.00	1,862.12	1,832.07	1,812.17	7.92	6.82	-138.47	359.60	184.08	599.29	585.00	14.29	41.928	
2,000.00	1,958.96	1,928.40	1,906.96	7.98	6.95	-138.53	368.36	198.87	626.13	611.66	14.46	43.292	
2,100.00	2,055.80	2,024.73	2,001.74	8.06	7.00	-138.58	377.13	213.66	652.96	638.40	14.56	44.844	
2,200.00	2,152.64	2,121.07	2,096.53	8.16	7.06	-138.62	385.89	228.45	679.79	665.10	14.69	46.273	
2,300.00	2,249.48	2,217.40	2,191.31	8.28	7.13	-138.67	394.65	243.24	706.63	691.77	14.85	47.573	
2,400.00	2,346.32	2,313.73	2,286.10	8.42	7.22	-138.70	403.42	258.03	733.46	718.41	15.05	48.745	
2,500.00	2,443.16	2,410.06	2,380.88	8.58	7.32	-138.74	412.18	272.82	760.29	745.02	15.27	49.790	
2,600.00	2,540.00	2,506.39	2,475.67	8.76	7.43	-138.77	420.95	287.61	787.13	771.61	15.52	50.715	
2,700.00	2,636.84	2,602.72	2,570.45	8.95	7.55	-138.81	429.71	302.40	813.96	798.16	15.80	51.518	
2,800.00	2,733.69	2,700.95	2,665.24	9.16	7.69	-138.84	438.47	317.19	840.80	824.69	16.11	52.203	
2,900.00	2,830.53	2,804.62	2,760.02	9.38	7.86	-138.86	447.24	331.98	867.63	851.19	16.45	52.755	
3,000.00	2,927.37	2,908.28	2,854.81	9.61	8.03	-138.89	456.00	346.77	894.47	877.66	16.81	53.208	
3,100.00	3,024.21	2,988.05	2,949.59	9.85	8.17	-138.91	464.77	361.55	921.30	904.15	17.15	53.706	
3,200.00	3,121.05	3,084.38	3,044.38	10.11	8.35	-138.94	473.53	376.34	948.14	930.59	17.55	54.037	
3,300.00	3,217.89	3,180.71	3,139.16	10.38	8.54	-138.96	482.29	391.13	974.98	957.02	17.96	54.297	
3,400.00	3,314.73	3,277.04	3,233.95	10.65	8.73	-138.98	491.06	405.92	1,001.81	983.43	18.38	54.495	
3,500.00	3,411.57	3,373.37	3,328.73	10.94	8.93	-139.00	499.82	420.71	1,028.65	1,009.82	18.83	54.638	
3,600.00	3,508.41	3,469.70	3,423.52	11.23	9.15	-139.02	508.59	435.50	1,055.48	1,036.20	19.28	54.732	
3,700.00	3,605.25	3,566.04	3,518.30	11.53	9.36	-139.04	517.35	450.29	1,082.32	1,062.56	19.76	54.784	
3,800.00	3,702.09	3,662.37	3,613.09	11.84	9.59	-139.05	526.11	465.08	1,109.16	1,088.92	20.24	54.799	
3,900.00	3,798.94	3,758.70	3,707.87	12.15	9.81	-139.07	534.88	479.87	1,135.99	1,115.26	20.74	54.781	
4,000.00	3,895.78	3,855.03	3,802.66	12.47	10.05	-139.08	543.64	494.66	1,162.83	1,141.59	21.24	54.736	
4,100.00	3,992.62	3,951.36	3,897.44	12.80	10.29	-139.10	552.41	509.45	1,189.67	1,167.90	21.76	54.667	
4,200.00	4,089.46	4,047.69	3,992.23	13.13	10.53	-139.11	561.17	524.24	1,216.50	1,194.21	22.29	54.578	
4,300.00	4,186.30	4,144.02	4,087.01	13.46	10.78	-139.13	569.93	539.03	1,243.34	1,220.51	22.83	54.472	
4,400.00	4,283.14	4,240.35	4,181.80	13.80	11.03	-139.14	578.70	553.82	1,270.18	1,246.81	23.37	54.352	
4,500.00	4,379.98	4,336.69	4,276.58	14.15	11.29	-139.15	587.46	568.61	1,297.01	1,273.09	23.92	54.220	
4,600.00	4,476.82	4,433.02	4,371.37	14.49	11.55	-139.16	596.22	583.40	1,323.85	1,299.37	24.48	54.078	
4,700.00	4,573.66	4,529.35	4,466.15	14.84	11.81	-139.17	604.99	598.19	1,350.69	1,325.64	25.05	53.927	
4,800.00	4,670.50	4,625.68	4,560.94	15.20	12.08	-139.19	613.75	612.98	1,377.52	1,351.90	25.62	53.771	
4,900.00	4,767.35	4,722.01	4,655.72	15.56	12.35	-139.20	622.52	627.77	1,404.36	1,378.16	26.20	53.609	
5,000.00	4,864.19	4,818.34	4,750.51	15.92	12.62	-139.21	631.28	642.56	1,431.20	1,404.42	26.78	53.444	
5,100.00	4,961.03	4,914.67	4,845.29	16.28	12.90	-139.22	640.04	657.35	1,458.03	1,430.67	27.37	53.275	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,057.87	5,011.00	4,940.08	16.64	13.17	-139.22	648.81	672.13	1,484.87	1,456.91	27.96	53.105		
5,300.00	5,154.71	5,107.34	5,034.86	17.01	13.45	-139.23	657.57	686.92	1,511.71	1,483.15	28.56	52.933		
5,400.00	5,251.55	5,203.67	5,129.65	17.38	13.73	-139.24	666.34	701.71	1,538.55	1,509.38	29.16	52.760		
5,500.00	5,348.39	5,300.00	5,224.43	17.75	14.02	-139.25	675.10	716.50	1,565.38	1,535.62	29.77	52.588		
5,600.00	5,445.23	5,403.67	5,319.22	18.13	14.32	-139.26	683.86	731.29	1,592.22	1,561.82	30.40	52.379		
5,700.00	5,542.07	5,507.34	5,414.00	18.50	14.63	-139.27	692.63	746.08	1,619.06	1,588.02	31.03	52.171		
5,800.00	5,638.91	5,588.99	5,508.79	18.88	14.88	-139.27	701.39	760.87	1,645.89	1,614.29	31.61	52.075		
5,900.00	5,735.75	5,685.32	5,603.57	19.26	15.17	-139.28	710.16	775.66	1,672.73	1,640.51	32.23	51.906		
6,000.00	5,832.60	5,781.66	5,698.36	19.64	15.46	-139.29	718.92	790.45	1,699.57	1,666.72	32.85	51.739		
6,100.00	5,929.44	5,877.99	5,793.14	20.02	15.75	-139.30	727.68	805.24	1,726.41	1,692.93	33.47	51.574		
6,200.00	6,026.28	5,974.32	5,887.93	20.40	16.05	-139.30	736.45	820.03	1,753.24	1,719.14	34.10	51.411		
6,300.00	6,123.12	6,070.65	5,982.71	20.79	16.34	-139.31	745.21	834.82	1,780.08	1,745.35	34.73	51.251		
6,400.00	6,219.96	6,166.98	6,077.50	21.17	16.64	-139.32	753.98	849.61	1,806.92	1,771.55	35.37	51.092		
6,500.00	6,316.80	6,263.31	6,172.28	21.56	16.94	-139.32	762.74	864.40	1,833.76	1,797.75	36.00	50.936		
6,600.00	6,413.64	6,359.64	6,267.06	21.94	17.24	-139.33	771.50	879.19	1,860.59	1,823.95	36.64	50.782		
6,700.00	6,510.48	6,455.97	6,361.85	22.33	17.54	-139.33	780.27	893.98	1,887.43	1,850.15	37.28	50.631		
6,800.00	6,607.32	6,552.31	6,456.63	22.72	17.84	-139.54	789.03	908.77	1,914.27	1,876.35	37.92	50.483		
6,900.00	6,705.10	6,636.74	6,539.94	22.99	18.06	-179.89	796.72	919.99	1,940.92	1,902.52	38.39	50.552		
7,000.00	6,803.10	6,714.05	6,616.87	23.16	18.21	136.16	803.75	921.48	1,967.32	1,928.62	38.70	50.840		
7,100.00	6,898.92	6,792.16	6,694.21	23.27	18.32	113.72	810.74	913.47	1,992.95	1,954.05	38.90	51.233		
7,200.00	6,990.18	6,871.53	6,771.19	23.33	18.40	102.55	817.62	895.65	2,017.26	1,978.24	39.02	51.701		
7,300.00	7,074.65	6,952.63	6,846.96	23.34	18.44	96.03	824.31	867.67	2,039.71	2,000.63	39.07	52.201		
7,400.00	7,150.25	7,035.99	6,920.50	23.30	18.44	91.83	830.71	829.08	2,059.84	2,020.74	39.10	52.686		
7,500.00	7,215.10	7,122.15	6,990.57	23.24	18.43	89.04	836.71	779.42	2,077.24	2,038.11	39.13	53.091		
7,600.00	7,267.63	7,211.67	7,055.62	23.15	18.41	87.24	842.16	718.26	2,091.53	2,052.32	39.21	53.343		
7,700.00	7,306.52	7,305.12	7,113.72	23.04	18.41	86.24	846.88	645.33	2,102.43	2,063.04	39.39	53.369		
7,800.00	7,330.84	7,403.07	7,162.53	22.92	18.47	85.93	850.65	560.61	2,109.68	2,069.95	39.73	53.106		
7,900.00	7,339.97	7,505.98	7,199.26	22.81	18.62	86.25	853.24	464.62	2,113.09	2,072.86	40.24	52.516		
8,000.00	7,339.23	7,615.29	7,220.88	22.72	18.92	86.84	854.36	357.62	2,113.88	2,072.91	40.97	51.600		
8,100.00	7,338.31	7,724.73	7,224.78	22.74	19.38	86.98	853.85	248.34	2,114.13	2,072.22	41.91	50.441		
8,200.00	7,337.40	7,824.73	7,224.07	22.95	19.93	86.98	852.99	148.35	2,114.24	2,071.18	43.06	49.103		
8,300.00	7,336.48	7,924.73	7,223.36	23.46	20.61	86.99	852.13	48.35	2,114.34	2,069.91	44.43	47.590		
8,400.00	7,335.57	8,024.73	7,222.66	24.21	21.40	86.99	851.27	-51.64	2,114.44	2,068.43	46.01	45.961		
8,500.00	7,334.65	8,124.73	7,221.95	25.11	22.29	87.00	850.41	-151.63	2,114.54	2,066.77	47.77	44.266		
8,600.00	7,333.73	8,224.73	7,221.24	26.11	23.26	87.00	849.55	-251.63	2,114.64	2,064.94	49.70	42.551		
8,700.00	7,332.82	8,324.73	7,220.54	27.17	24.30	87.01	848.69	-351.62	2,114.74	2,062.97	51.77	40.847		
8,800.00	7,331.90	8,424.73	7,219.83	28.30	25.42	87.02	847.83	-451.61	2,114.84	2,060.86	53.98	39.180		
8,900.00	7,330.99	8,524.73	7,219.13	29.48	26.59	87.02	846.97	-551.61	2,114.94	2,058.65	56.30	37.568		
9,000.00	7,330.07	8,624.73	7,218.42	30.71	27.81	87.03	846.11	-651.60	2,115.04	2,056.33	58.72	36.022		
9,100.00	7,329.16	8,724.73	7,217.71	31.97	29.07	87.03	845.25	-751.59	2,115.14	2,053.92	61.22	34.548		
9,200.00	7,328.24	8,824.73	7,217.01	33.27	30.38	87.04	844.39	-851.59	2,115.24	2,051.43	63.81	33.149		
9,300.00	7,327.32	8,924.73	7,216.30	34.60	31.72	87.05	843.53	-951.58	2,115.35	2,048.88	66.46	31.827		
9,400.00	7,326.41	9,024.72	7,215.59	35.96	33.08	87.05	842.67	-1,051.58	2,115.45	2,046.27	69.18	30.579		
9,500.00	7,325.49	9,124.72	7,214.89	37.35	34.48	87.06	841.81	-1,151.57	2,115.55	2,043.60	71.95	29.404		
9,600.00	7,324.58	9,224.72	7,214.18	38.75	35.90	87.06	840.95	-1,251.56	2,115.65	2,040.88	74.76	28.298		
9,700.00	7,323.66	9,324.72	7,213.47	40.17	37.34	87.07	840.09	-1,351.56	2,115.75	2,038.13	77.62	27.257		
9,800.00	7,322.75	9,424.72	7,212.77	41.62	38.80	87.07	839.23	-1,451.55	2,115.85	2,035.33	80.52	26.277		
9,900.00	7,321.83	9,524.72	7,212.06	43.07	40.27	87.08	838.37	-1,551.54	2,115.95	2,032.50	83.45	25.356		
10,000.00	7,320.91	9,624.72	7,211.35	44.55	41.76	87.09	837.51	-1,651.54	2,116.05	2,029.64	86.41	24.488		
10,100.00	7,320.00	9,724.72	7,210.65	46.03	43.26	87.09	836.65	-1,751.53	2,116.15	2,026.75	89.40	23.671		
10,200.00	7,319.08	9,824.72	7,209.94	47.53	44.78	87.10	835.80	-1,851.52	2,116.26	2,023.84	92.41	22.900		
10,300.00	7,318.17	9,924.72	7,209.23	49.04	46.30	87.10	834.94	-1,951.52	2,116.36	2,020.91	95.45	22.173		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,317.25	10,024.72	7,208.53	50.56	47.84	87.11	834.08	-2,051.51	2,116.46	2,017.95	98.51	21.486		
10,500.00	7,316.34	10,124.72	7,207.82	52.09	49.38	87.11	833.22	-2,151.50	2,116.56	2,014.98	101.58	20.836		
10,600.00	7,315.42	10,224.72	7,207.12	53.62	50.94	87.12	832.36	-2,251.50	2,116.66	2,011.99	104.67	20.222		
10,700.00	7,314.50	10,324.72	7,206.41	55.17	52.50	87.13	831.50	-2,351.49	2,116.76	2,008.98	107.78	19.640		
10,800.00	7,313.59	10,424.72	7,205.70	56.72	54.06	87.13	830.64	-2,451.48	2,116.86	2,005.96	110.90	19.088		
10,900.00	7,312.67	10,524.72	7,205.00	58.28	55.64	87.14	829.78	-2,551.48	2,116.96	2,002.93	114.03	18.565		
11,000.00	7,311.76	10,624.72	7,204.29	59.84	57.22	87.14	828.92	-2,651.47	2,117.07	1,999.89	117.18	18.067		
11,100.00	7,310.84	10,724.72	7,203.58	61.41	58.80	87.15	828.06	-2,751.47	2,117.17	1,996.83	120.33	17.594		
11,200.00	7,309.93	10,824.72	7,202.88	62.99	60.39	87.16	827.20	-2,851.46	2,117.27	1,993.77	123.50	17.144		
11,300.00	7,309.01	10,924.72	7,202.17	64.57	61.98	87.16	826.34	-2,951.45	2,117.37	1,990.69	126.68	16.715		
11,400.00	7,308.10	11,024.72	7,201.46	66.15	63.58	87.17	825.48	-3,051.45	2,117.47	1,987.61	129.86	16.306		
11,500.00	7,307.18	11,124.72	7,200.76	67.74	65.18	87.17	824.62	-3,151.44	2,117.57	1,984.52	133.05	15.915		
11,600.00	7,306.26	11,224.72	7,200.05	69.33	66.79	87.18	823.76	-3,251.43	2,117.67	1,981.42	136.25	15.542		
11,700.00	7,305.35	11,324.72	7,199.34	70.93	68.40	87.18	822.90	-3,351.43	2,117.78	1,978.31	139.46	15.185		
11,800.00	7,304.43	11,424.72	7,198.64	72.53	70.01	87.19	822.04	-3,451.42	2,117.88	1,975.20	142.67	14.844		
11,900.00	7,303.52	11,524.72	7,197.93	74.13	71.62	87.20	821.18	-3,551.41	2,117.98	1,972.08	145.89	14.517		
12,000.00	7,302.60	11,624.72	7,197.22	75.74	73.24	87.20	820.32	-3,651.41	2,118.08	1,968.96	149.12	14.204		
12,100.00	7,301.69	11,724.72	7,196.52	77.34	74.86	87.21	819.46	-3,751.40	2,118.18	1,965.83	152.35	13.903		
12,200.00	7,300.77	11,824.72	7,195.81	78.96	76.48	87.21	818.60	-3,851.39	2,118.28	1,962.70	155.58	13.615		
12,300.00	7,299.85	11,924.72	7,195.10	80.57	78.10	87.22	817.74	-3,951.39	2,118.39	1,959.56	158.83	13.338		
12,400.00	7,298.94	12,024.72	7,194.40	82.19	79.73	87.23	816.88	-4,051.38	2,118.49	1,956.42	162.07	13.071		
12,500.00	7,298.02	12,124.72	7,193.69	83.80	81.36	87.23	816.02	-4,151.37	2,118.59	1,953.27	165.32	12.815		
12,600.00	7,297.11	12,224.72	7,192.99	85.42	82.99	87.24	815.16	-4,251.37	2,118.69	1,950.12	168.57	12.569		
12,700.00	7,296.19	12,324.72	7,192.28	87.05	84.62	87.24	814.30	-4,351.36	2,118.79	1,946.96	171.83	12.331		
12,800.00	7,295.28	12,424.72	7,191.57	88.67	86.25	87.25	813.44	-4,451.36	2,118.89	1,943.81	175.09	12.102		
12,900.00	7,294.36	12,524.72	7,190.87	90.30	87.89	87.25	812.58	-4,551.35	2,119.00	1,940.65	178.35	11.881		
13,000.00	7,293.44	12,624.71	7,190.16	91.92	89.52	87.26	811.72	-4,651.34	2,119.10	1,937.48	181.62	11.668		
13,100.00	7,292.53	12,724.71	7,189.45	93.55	91.16	87.27	810.86	-4,751.34	2,119.20	1,934.31	184.88	11.462		
13,200.00	7,291.61	12,824.71	7,188.75	95.18	92.80	87.27	810.00	-4,851.33	2,119.30	1,931.14	188.16	11.264		
13,300.00	7,290.70	12,924.71	7,188.04	96.82	94.44	87.28	809.14	-4,951.32	2,119.40	1,927.97	191.43	11.071		
13,400.00	7,289.78	13,024.71	7,187.33	98.45	96.08	87.28	808.28	-5,051.32	2,119.50	1,924.80	194.71	10.886		
13,500.00	7,288.87	13,124.71	7,186.63	100.08	97.72	87.29	807.43	-5,151.31	2,119.61	1,921.62	197.99	10.706		
13,600.00	7,287.95	13,224.71	7,185.92	101.72	99.37	87.29	806.57	-5,251.30	2,119.71	1,918.44	201.27	10.532		
13,700.00	7,287.03	13,324.71	7,185.21	103.36	101.01	87.30	805.71	-5,351.30	2,119.81	1,915.26	204.55	10.363		
13,800.00	7,286.12	13,424.71	7,184.51	105.00	102.66	87.31	804.85	-5,451.29	2,119.91	1,912.07	207.84	10.200		
13,900.00	7,285.20	13,524.71	7,183.80	106.64	104.30	87.31	803.99	-5,551.28	2,120.01	1,908.89	211.13	10.041		
14,000.00	7,284.29	13,624.71	7,183.09	108.28	105.95	87.32	803.13	-5,651.28	2,120.12	1,905.70	214.42	9.888		
14,100.00	7,283.37	13,724.71	7,182.39	109.92	107.60	87.32	802.27	-5,751.27	2,120.22	1,902.51	217.71	9.739		
14,200.00	7,282.46	13,824.71	7,181.68	111.56	109.25	87.33	801.41	-5,851.26	2,120.32	1,899.32	221.00	9.594		
14,300.00	7,281.54	13,924.71	7,180.98	113.20	110.90	87.34	800.55	-5,951.26	2,120.42	1,896.13	224.29	9.454		
14,400.00	7,280.63	14,024.71	7,180.27	114.85	112.55	87.34	799.69	-6,051.25	2,120.52	1,892.93	227.59	9.317		
14,500.00	7,279.71	14,124.71	7,179.56	116.49	114.20	87.35	798.83	-6,151.25	2,120.63	1,889.74	230.89	9.185		
14,600.00	7,278.79	14,224.71	7,178.86	118.14	115.85	87.35	797.97	-6,251.24	2,120.73	1,886.54	234.19	9.056		
14,700.00	7,277.88	14,324.71	7,178.15	119.79	117.50	87.36	797.11	-6,351.23	2,120.83	1,883.34	237.49	8.930		
14,800.00	7,276.96	14,424.71	7,177.44	121.43	119.15	87.36	796.25	-6,451.23	2,120.93	1,880.14	240.79	8.808		
14,900.00	7,276.05	14,524.71	7,176.74	123.08	120.81	87.37	795.39	-6,551.22	2,121.04	1,876.94	244.09	8.689		
15,000.00	7,275.13	14,624.71	7,176.03	124.73	122.46	87.38	794.53	-6,651.21	2,121.14	1,873.74	247.40	8.574		
15,100.00	7,274.22	14,724.71	7,175.32	126.38	124.12	87.38	793.67	-6,751.21	2,121.24	1,870.54	250.70	8.461		
15,200.00	7,273.30	14,824.71	7,174.62	128.03	125.77	87.39	792.81	-6,851.20	2,121.34	1,867.33	254.01	8.351		
15,300.00	7,272.38	14,924.71	7,173.91	129.68	127.43	87.39	791.95	-6,951.19	2,121.44	1,864.13	257.32	8.244		
15,400.00	7,271.47	15,024.71	7,173.20	131.33	129.08	87.40	791.09	-7,051.19	2,121.55	1,860.92	260.63	8.140		
15,500.00	7,270.55	15,124.71	7,172.50	132.98	130.74	87.40	790.23	-7,151.18	2,121.65	1,857.71	263.94	8.039		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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
15,551.16	7,270.08	15,153.54	7,172.29	133.83	131.22	87.41	789.98	-7,180.01	2,121.82	1,856.60	265.22	8.000 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	1.00	-1.00	3.28	3.28	-4.69	159.20	-13.07	159.74								
100.00	100.00	101.00	99.00	3.28	3.28	-4.69	159.20	-13.07	159.74	152.21	7.53	21.216					
200.00	200.00	199.00	199.00	3.31	3.30	-4.69	159.20	-13.07	159.74	152.16	7.57	21.092 CC, ES					
300.00	299.99	298.85	298.83	3.35	3.35	-140.10	159.38	-11.37	160.64	152.98	7.66	20.979					
400.00	399.88	398.55	398.39	3.41	3.41	-139.26	159.92	-6.23	164.29	156.51	7.78	21.118					
500.00	499.55	497.98	497.44	3.49	3.50	-138.03	160.82	2.33	170.77	162.82	7.95	21.473					
600.00	598.89	596.99	595.72	3.60	3.62	-136.51	162.07	14.25	180.15	171.97	8.18	22.016					
700.00	697.76	695.60	693.14	3.75	3.77	-134.82	163.67	29.40	192.45	183.98	8.47	22.709					
800.00	796.05	805.58	790.60	3.95	3.97	-133.66	165.38	45.67	207.41	198.55	8.85	23.425					
900.00	893.63	892.89	887.71	4.19	4.16	-133.25	167.08	61.88	224.77	215.52	9.25	24.302					
1,000.00	990.55	1,009.00	984.46	4.48	4.43	-133.50	168.78	78.04	244.09	234.32	9.77	24.996					
1,100.00	1,087.39	1,089.06	1,081.17	4.81	4.63	-133.87	170.47	94.18	263.63	253.40	10.23	25.770					
1,200.00	1,184.23	1,187.12	1,177.87	5.17	4.90	-134.18	172.17	110.33	283.18	272.40	10.78	26.280					
1,300.00	1,281.07	1,285.17	1,274.58	5.55	5.17	-134.46	173.87	126.48	302.74	291.38	11.35	26.669					
1,400.00	1,377.91	1,383.23	1,371.29	5.95	5.46	-134.70	175.57	142.62	322.30	310.35	11.95	26.963					
1,500.00	1,474.75	1,481.29	1,467.99	6.36	5.75	-134.92	177.26	158.77	341.87	329.29	12.58	27.183					
1,600.00	1,571.59	1,579.35	1,564.70	6.79	6.06	-135.11	178.96	174.91	361.44	348.22	13.22	27.345					
1,700.00	1,668.44	1,677.41	1,661.40	7.23	6.37	-135.28	180.66	191.06	381.01	367.14	13.87	27.461					
1,800.00	1,765.28	1,775.47	1,758.11	7.67	6.68	-135.43	182.35	207.21	400.59	386.05	14.54	27.542					
1,900.00	1,862.12	1,873.53	1,854.82	7.92	6.89	-135.57	184.05	223.35	420.17	405.60	14.58	28.826					
2,000.00	1,958.96	1,971.59	1,951.52	7.98	6.97	-135.70	185.75	239.50	439.76	425.07	14.69	29.937					
2,100.00	2,055.80	2,069.65	2,048.23	8.06	7.02	-135.82	187.44	255.65	459.34	444.54	14.80	31.046					
2,200.00	2,152.64	2,167.71	2,144.93	8.16	7.08	-135.93	189.14	271.79	478.93	463.99	14.93	32.068					
2,300.00	2,249.48	2,265.77	2,241.64	8.28	7.16	-136.02	190.84	287.94	498.51	483.41	15.11	33.000					
2,400.00	2,346.32	2,363.83	2,338.35	8.42	7.25	-136.12	192.54	304.08	518.10	502.79	15.31	33.842					
2,500.00	2,443.16	2,461.89	2,435.05	8.58	7.35	-136.20	194.23	320.23	537.69	522.15	15.54	34.595					
2,600.00	2,540.00	2,559.95	2,531.76	8.76	7.47	-136.28	195.93	336.38	557.29	541.48	15.80	35.263					
2,700.00	2,636.84	2,658.00	2,628.46	8.95	7.60	-136.35	197.63	352.52	576.88	560.79	16.09	35.849					
2,800.00	2,733.69	2,756.06	2,725.17	9.16	7.75	-136.42	199.32	368.67	596.47	580.07	16.41	36.357					
2,900.00	2,830.53	2,854.12	2,821.88	9.38	7.90	-136.49	201.02	384.81	616.07	599.32	16.74	36.794					
3,000.00	2,927.37	2,952.18	2,918.58	9.61	8.06	-136.55	202.72	400.96	635.66	618.56	17.10	37.164					
3,100.00	3,024.21	3,050.24	3,015.29	9.85	8.24	-136.60	204.42	417.11	655.26	637.77	17.49	37.474					
3,200.00	3,121.05	3,148.30	3,111.99	10.11	8.42	-136.66	206.11	433.25	674.85	656.97	17.89	37.729					
3,300.00	3,217.89	3,246.36	3,208.70	10.38	8.61	-136.71	207.81	449.40	694.45	676.14	18.31	37.934					
3,400.00	3,314.73	3,344.42	3,305.41	10.65	8.81	-136.75	209.51	465.55	714.05	695.30	18.74	38.096					
3,500.00	3,411.57	3,442.48	3,402.11	10.94	9.02	-136.80	211.20	481.69	733.64	714.45	19.20	38.219					
3,600.00	3,508.41	3,540.54	3,498.82	11.23	9.23	-136.84	212.90	497.84	753.24	733.58	19.66	38.308					
3,700.00	3,605.25	3,638.60	3,595.52	11.53	9.45	-136.88	214.60	513.98	772.84	752.70	20.14	38.366					
3,800.00	3,702.09	3,736.66	3,692.23	11.84	9.68	-136.92	216.29	530.13	792.44	771.80	20.64	38.398					
3,900.00	3,798.94	3,834.72	3,788.94	12.15	9.91	-136.96	217.99	546.28	812.04	790.89	21.14	38.407					
4,000.00	3,895.78	3,932.78	3,885.64	12.47	10.15	-136.99	219.69	562.42	831.64	809.98	21.66	38.397					
4,100.00	3,992.62	4,030.83	3,982.35	12.80	10.40	-137.03	221.39	578.57	851.24	829.05	22.19	38.369					
4,200.00	4,089.46	4,128.89	4,079.05	13.13	10.64	-137.06	223.08	594.71	870.84	848.11	22.72	38.327					
4,300.00	4,186.30	4,226.95	4,175.76	13.46	10.90	-137.09	224.78	610.86	890.44	867.17	23.27	38.272					
4,400.00	4,283.14	4,325.01	4,272.47	13.80	11.15	-137.12	226.48	627.01	910.04	886.22	23.82	38.207					
4,500.00	4,379.98	4,423.07	4,369.17	14.15	11.41	-137.15	228.17	643.15	929.64	905.26	24.38	38.132					
4,600.00	4,476.82	4,521.13	4,465.88	14.49	11.67	-137.17	229.87	659.30	949.24	924.29	24.95	38.051					
4,700.00	4,573.66	4,619.19	4,562.58	14.84	11.94	-137.20	231.57	675.45	968.84	943.32	25.52	37.963					
4,800.00	4,670.50	4,717.25	4,659.29	15.20	12.21	-137.22	233.26	691.59	988.44	962.34	26.10	37.870					
4,900.00	4,767.35	4,815.31	4,756.00	15.56	12.48	-137.25	234.96	707.74	1,008.04	981.35	26.69	37.773					
5,000.00	4,864.19	4,913.37	4,852.70	15.92	12.76	-137.27	236.66	723.88	1,027.64	1,000.36	27.28	37.672					
5,100.00	4,961.03	5,011.43	4,949.41	16.28	13.04	-137.29	238.36	740.03	1,047.24	1,019.37	27.87	37.570					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
5,200.00	5,057.87	5,109.49	5,046.11	16.64	13.32	-137.31	240.05	756.18	1,066.85	1,038.37	28.48	37.465		
5,300.00	5,154.71	5,207.55	5,142.82	17.01	13.60	-137.33	241.75	772.32	1,086.45	1,057.37	29.08	37.359		
5,400.00	5,251.55	5,305.61	5,239.53	17.38	13.88	-137.35	243.45	788.47	1,106.05	1,076.36	29.69	37.252		
5,500.00	5,348.39	5,403.67	5,336.23	17.75	14.17	-137.37	245.14	804.61	1,125.65	1,095.35	30.30	37.145		
5,600.00	5,445.23	5,501.72	5,432.94	18.13	14.46	-137.39	246.84	820.76	1,145.25	1,114.33	30.92	37.037		
5,700.00	5,542.07	5,600.22	5,529.64	18.50	14.75	-137.41	248.54	836.91	1,164.86	1,133.31	31.54	36.928		
5,800.00	5,638.91	5,702.16	5,626.35	18.88	15.05	-137.43	250.23	853.05	1,184.46	1,152.28	32.18	36.808		
5,900.00	5,735.75	5,804.10	5,723.06	19.26	15.35	-137.44	251.93	869.20	1,204.06	1,171.24	32.82	36.689		
6,000.00	5,832.60	5,906.04	5,819.76	19.64	15.66	-137.46	253.63	885.35	1,223.66	1,190.20	33.46	36.571		
6,100.00	5,929.44	6,007.98	5,916.47	20.02	15.97	-137.47	255.33	901.49	1,243.27	1,209.16	34.10	36.455		
6,200.00	6,026.28	6,109.92	6,013.17	20.40	16.28	-137.49	257.02	917.64	1,262.87	1,228.12	34.75	36.340		
6,300.00	6,123.12	6,188.14	6,109.88	20.79	16.52	-137.50	258.72	933.78	1,282.47	1,247.14	35.33	36.301		
6,400.00	6,219.96	6,286.20	6,206.59	21.17	16.81	-137.52	260.42	949.93	1,302.08	1,266.11	35.97	36.200		
6,500.00	6,316.80	6,384.26	6,303.29	21.56	17.12	-137.53	262.11	966.08	1,321.68	1,285.07	36.61	36.101		
6,600.00	6,413.64	6,476.23	6,394.62	21.94	17.31	-137.77	263.63	976.16	1,341.47	1,304.35	37.12	36.136		
6,700.00	6,510.48	6,564.04	6,482.31	22.33	17.43	-138.51	264.90	973.52	1,361.93	1,324.41	37.51	36.304		
6,800.00	6,607.32	6,645.56	6,562.69	22.72	17.50	-139.82	265.89	960.29	1,383.52	1,345.71	37.80	36.598		
6,900.00	6,705.10	6,722.01	6,635.96	22.99	17.53	178.91	266.64	938.65	1,406.34	1,368.39	37.95	37.057		
7,000.00	6,803.10	6,796.29	6,704.18	23.16	17.53	134.08	267.19	909.37	1,429.51	1,391.51	38.00	37.621		
7,100.00	6,898.92	6,868.93	6,767.15	23.27	17.52	110.81	267.55	873.24	1,452.23	1,414.26	37.97	38.246		
7,200.00	6,990.18	6,940.37	6,824.67	23.33	17.50	98.88	267.74	830.94	1,473.76	1,435.86	37.90	38.888		
7,300.00	7,074.65	7,010.95	6,876.50	23.34	17.49	91.68	267.75	783.08	1,493.44	1,455.64	37.81	39.501		
7,400.00	7,150.25	7,080.95	6,922.37	23.30	17.50	86.87	267.60	730.25	1,510.71	1,472.97	37.74	40.030		
7,500.00	7,215.10	7,150.00	6,961.66	23.24	17.54	83.55	267.29	673.51	1,525.07	1,487.34	37.73	40.418		
7,600.00	7,267.63	7,220.10	6,995.03	23.15	17.62	81.30	266.81	611.91	1,536.16	1,498.33	37.84	40.601		
7,700.00	7,306.52	7,289.60	7,021.23	23.04	17.74	79.90	266.18	547.57	1,543.71	1,505.63	38.08	40.543		
7,800.00	7,330.84	7,359.28	7,040.31	22.92	17.92	79.25	265.40	480.60	1,547.53	1,509.06	38.47	40.222		
7,900.00	7,339.97	7,429.26	7,051.99	22.81	18.15	79.30	264.48	411.64	1,547.58	1,508.54	39.03	39.646		
8,000.00	7,339.23	7,500.00	7,056.04	22.72	18.42	79.49	263.42	341.06	1,545.90	1,506.16	39.73	38.906		
8,100.00	7,338.31	7,603.35	7,055.05	22.74	18.93	79.48	261.88	244.42	1,545.29	1,504.58	40.71	37.959		
8,200.00	7,337.40	7,703.35	7,053.97	22.95	19.56	79.47	260.27	144.44	1,544.70	1,502.80	41.91	36.862		
8,300.00	7,336.48	7,803.35	7,052.89	23.46	20.31	79.46	258.67	44.46	1,544.12	1,500.79	43.33	35.640		
8,400.00	7,335.57	7,903.35	7,051.81	24.21	21.16	79.45	257.07	-55.52	1,543.53	1,498.58	44.95	34.340		
8,500.00	7,334.65	8,003.36	7,050.73	25.11	22.11	79.44	255.47	-155.49	1,542.94	1,496.19	46.75	33.003		
8,600.00	7,333.73	8,096.64	7,049.65	26.11	23.07	79.43	253.87	-255.47	1,542.35	1,493.70	48.64	31.707		
8,700.00	7,332.82	8,203.36	7,048.57	27.17	24.24	79.42	252.27	-355.45	1,541.76	1,490.94	50.82	30.338		
8,800.00	7,331.90	8,303.36	7,047.49	28.30	25.41	79.41	250.67	-455.43	1,541.17	1,488.12	53.05	29.052		
8,900.00	7,330.99	8,403.36	7,046.42	29.48	26.62	79.40	249.07	-555.41	1,540.58	1,485.20	55.39	27.815		
9,000.00	7,330.07	8,503.37	7,045.34	30.71	27.89	79.39	247.47	-655.39	1,539.99	1,482.17	57.82	26.633		
9,100.00	7,329.16	8,603.37	7,044.26	31.97	29.20	79.38	245.87	-755.37	1,539.41	1,479.07	60.34	25.512		
9,200.00	7,328.24	8,703.37	7,043.18	33.27	30.54	79.36	244.26	-855.35	1,538.82	1,475.88	62.93	24.452		
9,300.00	7,327.32	8,803.37	7,042.10	34.60	31.91	79.35	242.66	-955.33	1,538.23	1,472.64	65.59	23.453		
9,400.00	7,326.41	8,903.37	7,041.02	35.96	33.32	79.34	241.06	-1,055.31	1,537.64	1,469.34	68.30	22.512		
9,500.00	7,325.49	9,003.38	7,039.94	37.35	34.74	79.33	239.46	-1,155.29	1,537.05	1,465.98	71.07	21.628		
9,600.00	7,324.58	9,103.38	7,038.86	38.75	36.19	79.32	237.86	-1,255.27	1,536.46	1,462.59	73.88	20.797		
9,700.00	7,323.66	9,203.38	7,037.79	40.17	37.65	79.31	236.26	-1,355.25	1,535.87	1,459.15	76.73	20.017		
9,800.00	7,322.75	9,303.38	7,036.71	41.62	39.14	79.30	234.66	-1,455.23	1,535.29	1,455.67	79.61	19.284		
9,900.00	7,321.83	9,403.39	7,035.63	43.07	40.63	79.29	233.06	-1,555.20	1,534.70	1,452.17	82.53	18.596		
10,000.00	7,320.91	9,503.39	7,034.55	44.55	42.14	79.28	231.46	-1,655.18	1,534.11	1,448.63	85.48	17.948		
10,100.00	7,320.00	9,603.39	7,033.47	46.03	43.67	79.27	229.86	-1,755.16	1,533.52	1,445.07	88.45	17.338		
10,200.00	7,319.08	9,703.39	7,032.39	47.53	45.20	79.26	228.25	-1,855.14	1,532.93	1,441.49	91.44	16.764		
10,300.00	7,318.17	9,803.39	7,031.31	49.04	46.74	79.25	226.65	-1,955.12	1,532.35	1,437.89	94.46	16.223		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
10,400.00	7,317.25	9,903.40	7,030.23	50.56	48.29	79.24	225.05	-2,055.10	1,531.76	1,434.27	97.49	15.712		
10,500.00	7,316.34	10,003.40	7,029.15	52.09	49.85	79.23	223.45	-2,155.08	1,531.17	1,430.63	100.54	15.229		
10,600.00	7,315.42	10,103.40	7,028.08	53.62	51.42	79.22	221.85	-2,255.06	1,530.58	1,426.97	103.61	14.772		
10,700.00	7,314.50	10,203.40	7,027.00	55.17	52.99	79.21	220.25	-2,355.04	1,529.99	1,423.30	106.69	14.340		
10,800.00	7,313.59	10,303.40	7,025.92	56.72	54.57	79.20	218.65	-2,455.02	1,529.41	1,419.62	109.79	13.931		
10,900.00	7,312.67	10,403.41	7,024.84	58.28	56.15	79.19	217.05	-2,555.00	1,528.82	1,415.92	112.89	13.542		
11,000.00	7,311.76	10,503.41	7,023.76	59.84	57.74	79.18	215.45	-2,654.98	1,528.23	1,412.22	116.01	13.173		
11,100.00	7,310.84	10,603.41	7,022.68	61.41	59.34	79.17	213.85	-2,754.96	1,527.64	1,408.50	119.14	12.822		
11,200.00	7,309.93	10,703.41	7,021.60	62.99	60.94	79.16	212.24	-2,854.93	1,527.06	1,404.78	122.28	12.489		
11,300.00	7,309.01	10,803.41	7,020.52	64.57	62.54	79.15	210.64	-2,954.91	1,526.47	1,401.05	125.42	12.171		
11,400.00	7,308.10	10,903.42	7,019.45	66.15	64.14	79.14	209.04	-3,054.89	1,525.88	1,397.30	128.58	11.868		
11,500.00	7,307.18	11,003.42	7,018.37	67.74	65.75	79.13	207.44	-3,154.87	1,525.29	1,393.56	131.74	11.578		
11,600.00	7,306.26	11,103.42	7,017.29	69.33	67.36	79.12	205.84	-3,254.85	1,524.71	1,389.80	134.90	11.302		
11,700.00	7,305.35	11,203.42	7,016.21	70.93	68.98	79.10	204.24	-3,354.83	1,524.12	1,386.04	138.08	11.038		
11,800.00	7,304.43	11,303.43	7,015.13	72.53	70.60	79.09	202.64	-3,454.81	1,523.53	1,382.27	141.26	10.785		
11,900.00	7,303.52	11,403.43	7,014.05	74.13	72.22	79.08	201.04	-3,554.79	1,522.94	1,378.50	144.44	10.543		
12,000.00	7,302.60	11,503.43	7,012.97	75.74	73.84	79.07	199.44	-3,654.77	1,522.36	1,374.72	147.64	10.312		
12,100.00	7,301.69	11,603.43	7,011.89	77.34	75.47	79.06	197.84	-3,754.75	1,521.77	1,370.94	150.83	10.089		
12,200.00	7,300.77	11,703.43	7,010.82	78.96	77.09	79.05	196.23	-3,854.73	1,521.18	1,367.15	154.03	9.876		
12,300.00	7,299.85	11,803.44	7,009.74	80.57	78.72	79.04	194.63	-3,954.71	1,520.60	1,363.36	157.24	9.671		
12,400.00	7,298.94	11,903.44	7,008.66	82.19	80.35	79.03	193.03	-4,054.69	1,520.01	1,359.56	160.44	9.474		
12,500.00	7,298.02	12,003.44	7,007.58	83.80	81.99	79.02	191.43	-4,154.66	1,519.42	1,355.77	163.66	9.284		
12,600.00	7,297.11	12,103.44	7,006.50	85.42	83.62	79.01	189.83	-4,254.64	1,518.83	1,351.96	166.87	9.102		
12,700.00	7,296.19	12,203.44	7,005.42	87.05	85.26	79.00	188.23	-4,354.62	1,518.25	1,348.16	170.09	8.926		
12,800.00	7,295.28	12,303.45	7,004.34	88.67	86.89	78.99	186.63	-4,454.60	1,517.66	1,344.35	173.31	8.757		
12,900.00	7,294.36	12,403.45	7,003.26	90.30	88.53	78.98	185.03	-4,554.58	1,517.07	1,340.54	176.54	8.594		
13,000.00	7,293.44	12,503.45	7,002.19	91.92	90.17	78.97	183.43	-4,654.56	1,516.49	1,336.72	179.76	8.436		
13,100.00	7,292.53	12,596.55	7,001.11	93.55	91.70	78.96	181.83	-4,754.54	1,515.90	1,333.02	182.88	8.289		
13,200.00	7,291.61	12,703.46	7,000.03	95.18	93.45	78.95	180.22	-4,854.52	1,515.31	1,329.09	186.23	8.137		
13,300.00	7,290.70	12,803.46	6,998.95	96.82	95.10	78.94	178.62	-4,954.50	1,514.73	1,325.27	189.46	7.995		
13,400.00	7,289.78	12,903.46	6,997.87	98.45	96.74	78.93	177.02	-5,054.48	1,514.14	1,321.44	192.70	7.858		
13,500.00	7,288.87	13,003.46	6,996.79	100.08	98.39	78.91	175.42	-5,154.46	1,513.55	1,317.62	195.94	7.725		
13,600.00	7,287.95	13,103.46	6,995.71	101.72	100.03	78.90	173.82	-5,254.44	1,512.97	1,313.79	199.18	7.596		
13,700.00	7,287.03	13,203.47	6,994.63	103.36	101.68	78.89	172.22	-5,354.42	1,512.38	1,309.96	202.42	7.471		
13,800.00	7,286.12	13,303.47	6,993.55	105.00	103.33	78.88	170.62	-5,454.40	1,511.80	1,306.13	205.67	7.351		
13,900.00	7,285.20	13,403.47	6,992.48	106.64	104.98	78.87	169.02	-5,554.37	1,511.21	1,302.30	208.91	7.234		
14,000.00	7,284.29	13,503.47	6,991.40	108.28	106.63	78.86	167.42	-5,654.35	1,510.62	1,298.46	212.16	7.120		
14,100.00	7,283.37	13,603.47	6,990.32	109.92	108.28	78.85	165.82	-5,754.33	1,510.04	1,294.63	215.41	7.010		
14,200.00	7,282.46	13,703.48	6,989.24	111.56	109.93	78.84	164.21	-5,854.31	1,509.45	1,290.79	218.66	6.903		
14,300.00	7,281.54	13,803.48	6,988.16	113.20	111.58	78.83	162.61	-5,954.29	1,508.87	1,286.95	221.91	6.799		
14,400.00	7,280.63	13,903.48	6,987.08	114.85	113.23	78.82	161.01	-6,054.27	1,508.28	1,283.11	225.17	6.699		
14,500.00	7,279.71	14,003.48	6,986.00	116.49	114.88	78.81	159.41	-6,154.25	1,507.69	1,279.27	228.42	6.601		
14,600.00	7,278.79	14,103.48	6,984.92	118.14	116.54	78.80	157.81	-6,254.23	1,507.11	1,275.43	231.68	6.505		
14,700.00	7,277.88	14,203.49	6,983.85	119.79	118.19	78.79	156.21	-6,354.21	1,506.52	1,271.59	234.93	6.413		
14,800.00	7,276.96	14,303.49	6,982.77	121.43	119.85	78.78	154.61	-6,454.19	1,505.94	1,267.75	238.19	6.322		
14,900.00	7,276.05	14,403.49	6,981.69	123.08	121.50	78.76	153.01	-6,554.17	1,505.35	1,263.90	241.45	6.235		
15,000.00	7,275.13	14,503.49	6,980.61	124.73	123.16	78.75	151.41	-6,654.15	1,504.76	1,260.06	244.71	6.149		
15,100.00	7,274.22	14,603.50	6,979.53	126.38	124.81	78.74	149.81	-6,754.13	1,504.18	1,256.21	247.97	6.066		
15,200.00	7,273.30	14,703.50	6,978.45	128.03	126.47	78.73	148.20	-6,854.10	1,503.59	1,252.36	251.23	5.985		
15,300.00	7,272.38	14,803.50	6,977.37	129.68	128.13	78.72	146.60	-6,954.08	1,503.01	1,248.51	254.49	5.906		
15,400.00	7,271.47	14,896.50	6,976.29	131.33	129.67	78.71	145.00	-7,054.06	1,502.42	1,244.78	257.64	5.831		
15,500.00	7,270.55	14,996.50	6,975.22	132.98	131.32	78.70	143.40	-7,154.04	1,501.84	1,240.93	260.91	5.756		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
15,536.05	7,270.22	15,023.76	6,974.92	133.58	131.78	78.70	142.97	-7,181.30	1,501.65	1,239.73	261.92	5.733	
15,551.16	7,270.08	15,023.76	6,974.92	133.83	131.78	78.70	142.97	-7,181.30	1,501.73	1,239.62	262.11	5.729 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	2.00	-2.00	3.28	3.28	-4.70	179.24	-14.73	179.84					
100.00	100.00	102.00	98.00	3.28	3.28	-4.70	179.24	-14.73	179.84	172.31	7.53	23.887		
200.00	200.00	202.00	198.00	3.31	3.31	-4.70	179.24	-14.73	179.84	172.27	7.57	23.743	CC, ES	
300.00	299.99	297.77	297.77	3.35	3.35	-140.56	179.30	-14.34	180.74	173.08	7.66	23.602		
400.00	399.88	397.23	397.16	3.41	3.41	-140.35	179.83	-11.00	184.49	176.71	7.78	23.718		
500.00	499.55	496.46	496.16	3.49	3.50	-139.75	180.90	-4.27	191.20	183.25	7.95	24.057		
600.00	598.89	595.33	594.49	3.60	3.61	-138.82	182.49	5.80	200.88	192.71	8.17	24.589		
700.00	697.76	693.68	691.91	3.75	3.75	-137.63	184.60	19.13	213.57	205.12	8.45	25.273		
800.00	796.05	807.82	789.11	3.95	3.95	-136.50	187.09	34.85	229.15	220.33	8.82	25.966		
900.00	893.63	909.49	886.14	4.19	4.16	-135.99	189.59	50.65	247.27	238.03	9.24	26.759		
1,000.00	990.55	988.45	982.77	4.48	4.33	-136.10	192.09	66.38	267.45	257.79	9.66	27.689		
1,100.00	1,087.39	1,086.34	1,079.36	4.81	4.57	-136.34	194.58	82.11	287.85	277.69	10.15	28.347		
1,200.00	1,184.23	1,184.23	1,175.94	5.17	4.83	-136.54	197.07	97.83	308.25	297.56	10.69	28.845		
1,300.00	1,281.07	1,282.12	1,272.53	5.55	5.09	-136.72	199.56	113.56	328.65	317.40	11.25	29.215		
1,400.00	1,377.91	1,380.01	1,369.12	5.95	5.37	-136.88	202.05	129.28	349.06	337.22	11.84	29.486		
1,500.00	1,474.75	1,477.90	1,465.71	6.36	5.66	-137.02	204.54	145.00	369.47	357.02	12.45	29.678		
1,600.00	1,571.59	1,575.80	1,562.30	6.79	5.96	-137.15	207.03	160.73	389.88	376.80	13.08	29.810		
1,700.00	1,668.44	1,673.69	1,658.88	7.23	6.26	-137.26	209.52	176.45	410.30	396.57	13.72	29.895		
1,800.00	1,765.28	1,771.58	1,755.47	7.67	6.57	-137.36	212.01	192.18	430.71	416.33	14.38	29.945		
1,900.00	1,862.12	1,869.47	1,852.06	7.92	6.78	-137.46	214.50	207.90	451.13	436.71	14.41	31.297		
2,000.00	1,958.96	1,967.36	1,948.65	7.98	6.86	-137.54	216.99	223.63	471.55	457.02	14.53	32.450		
2,100.00	2,055.80	2,065.25	2,045.23	8.06	6.91	-137.62	219.48	239.35	491.96	477.33	14.64	33.615		
2,200.00	2,152.64	2,163.14	2,141.82	8.16	6.97	-137.69	221.97	255.08	512.38	497.61	14.77	34.685		
2,300.00	2,249.48	2,261.03	2,238.41	8.28	7.04	-137.76	224.46	270.80	532.80	517.86	14.94	35.659		
2,400.00	2,346.32	2,358.92	2,335.00	8.42	7.13	-137.82	226.95	286.53	553.22	538.08	15.14	36.536		
2,500.00	2,443.16	2,456.82	2,431.59	8.58	7.24	-137.88	229.44	302.25	573.65	558.27	15.37	37.317		
2,600.00	2,540.00	2,554.71	2,528.17	8.76	7.35	-137.93	231.94	317.98	594.07	578.44	15.63	38.006		
2,700.00	2,636.84	2,652.60	2,624.76	8.95	7.48	-137.98	234.43	333.70	614.49	598.57	15.92	38.607		
2,800.00	2,733.69	2,750.49	2,721.35	9.16	7.62	-138.03	236.92	349.43	634.91	618.68	16.23	39.126		
2,900.00	2,830.53	2,848.38	2,817.94	9.38	7.77	-138.07	239.41	365.15	655.34	638.77	16.56	39.568		
3,000.00	2,927.37	2,946.27	2,914.52	9.61	7.94	-138.12	241.90	380.88	675.76	658.84	16.92	39.939		
3,100.00	3,024.21	3,044.16	3,011.11	9.85	8.11	-138.15	244.39	396.60	696.18	678.88	17.30	40.245		
3,200.00	3,121.05	3,142.05	3,107.70	10.11	8.29	-138.19	246.88	412.33	716.61	698.91	17.70	40.494		
3,300.00	3,217.89	3,239.94	3,204.29	10.38	8.48	-138.23	249.37	428.05	737.03	718.92	18.11	40.691		
3,400.00	3,314.73	3,337.84	3,300.88	10.65	8.68	-138.26	251.86	443.77	757.45	738.91	18.55	40.841		
3,500.00	3,411.57	3,435.73	3,397.46	10.94	8.88	-138.29	254.35	459.50	777.88	758.88	19.00	40.950		
3,600.00	3,508.41	3,533.62	3,494.05	11.23	9.09	-138.32	256.84	475.22	798.30	778.84	19.46	41.023		
3,700.00	3,605.25	3,631.51	3,590.64	11.53	9.31	-138.35	259.33	490.95	818.73	798.79	19.94	41.064		
3,800.00	3,702.09	3,729.40	3,687.23	11.84	9.54	-138.37	261.82	506.67	839.15	818.73	20.43	41.078		
3,900.00	3,798.94	3,827.29	3,783.82	12.15	9.77	-138.40	264.31	522.40	859.58	838.65	20.93	41.069		
4,000.00	3,895.78	3,925.18	3,880.40	12.47	10.00	-138.42	266.80	538.12	880.01	858.56	21.44	41.039		
4,100.00	3,992.62	4,023.07	3,976.99	12.80	10.25	-138.44	269.29	553.85	900.43	878.46	21.97	40.991		
4,200.00	4,089.46	4,120.96	4,073.58	13.13	10.49	-138.47	271.78	569.57	920.86	898.36	22.50	40.929		
4,300.00	4,186.30	4,218.86	4,170.17	13.46	10.74	-138.49	274.27	585.30	941.28	918.24	23.04	40.854		
4,400.00	4,283.14	4,316.75	4,266.75	13.80	10.99	-138.51	276.77	601.02	961.71	938.12	23.59	40.768		
4,500.00	4,379.98	4,414.64	4,363.34	14.15	11.25	-138.53	279.26	616.75	982.13	957.99	24.15	40.674		
4,600.00	4,476.82	4,512.53	4,459.93	14.49	11.51	-138.55	281.75	632.47	1,002.56	977.85	24.71	40.572		
4,700.00	4,573.66	4,610.42	4,556.52	14.84	11.78	-138.56	284.24	648.20	1,022.99	997.71	25.28	40.464		
4,800.00	4,670.50	4,708.31	4,653.11	15.20	12.04	-138.58	286.73	663.92	1,043.41	1,017.56	25.86	40.351		
4,900.00	4,767.35	4,806.20	4,749.69	15.56	12.31	-138.60	289.22	679.65	1,063.84	1,037.40	26.44	40.235		
5,000.00	4,864.19	4,904.09	4,846.28	15.92	12.59	-138.61	291.71	695.37	1,084.27	1,057.24	27.03	40.116		
5,100.00	4,961.03	5,001.98	4,942.87	16.28	12.86	-138.63	294.20	711.09	1,104.69	1,077.07	27.62	39.994		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	5,057.87	5,100.12	5,039.46	16.64	13.14	-138.64	296.69	726.82	1,125.12	1,096.90	28.22	39.870		
5,300.00	5,154.71	5,202.23	5,136.04	17.01	13.43	-138.66	299.18	742.54	1,145.55	1,116.71	28.83	39.730		
5,400.00	5,251.55	5,304.34	5,232.63	17.38	13.73	-138.67	301.67	758.27	1,165.97	1,136.52	29.45	39.589		
5,500.00	5,348.39	5,393.55	5,329.22	17.75	13.98	-138.68	304.16	773.99	1,186.40	1,156.36	30.04	39.498		
5,600.00	5,445.23	5,508.56	5,425.81	18.13	14.32	-138.70	306.65	789.72	1,206.83	1,176.13	30.70	39.310		
5,700.00	5,542.07	5,589.33	5,522.40	18.50	14.56	-138.71	309.14	805.44	1,227.26	1,195.99	31.27	39.250		
5,800.00	5,638.91	5,687.22	5,618.98	18.88	14.85	-138.72	311.63	821.17	1,247.68	1,215.79	31.89	39.127		
5,900.00	5,735.75	5,785.11	5,715.57	19.26	15.14	-138.73	314.12	836.89	1,268.11	1,235.60	32.51	39.005		
6,000.00	5,832.60	5,883.00	5,812.16	19.64	15.43	-138.74	316.61	852.62	1,288.54	1,255.40	33.14	38.885		
6,100.00	5,929.44	5,980.90	5,908.75	20.02	15.72	-138.75	319.10	868.34	1,308.96	1,275.20	33.77	38.765		
6,200.00	6,026.28	6,078.79	6,005.33	20.40	16.02	-138.76	321.59	884.07	1,329.39	1,294.99	34.40	38.648		
6,300.00	6,123.12	6,176.68	6,101.92	20.79	16.31	-138.77	324.09	899.79	1,349.82	1,314.79	35.03	38.531		
6,400.00	6,219.96	6,274.57	6,198.51	21.17	16.61	-138.78	326.58	915.52	1,370.25	1,334.58	35.67	38.417		
6,500.00	6,316.80	6,372.46	6,295.10	21.56	16.91	-138.79	329.07	931.24	1,390.67	1,354.37	36.31	38.304		
6,600.00	6,413.64	6,470.35	6,391.69	21.94	17.20	-138.80	331.56	946.97	1,411.10	1,374.15	36.95	38.193		
6,700.00	6,510.48	6,557.68	6,478.24	22.33	17.41	-138.84	333.79	957.97	1,431.80	1,394.33	37.47	38.211		
6,800.00	6,607.32	6,639.02	6,559.50	22.72	17.54	-139.67	335.91	957.94	1,453.51	1,415.64	37.87	38.380		
6,900.00	6,705.10	6,717.44	6,637.23	22.99	17.62	179.60	337.95	948.11	1,476.12	1,437.99	38.13	38.714		
7,000.00	6,803.10	6,794.48	6,711.83	23.16	17.66	135.28	339.92	929.22	1,498.81	1,460.54	38.27	39.163		
7,100.00	6,898.92	6,870.54	6,782.73	23.27	17.67	112.49	341.81	901.86	1,520.94	1,482.62	38.33	39.685		
7,200.00	6,990.18	6,945.98	6,849.33	23.33	17.67	101.00	343.60	866.56	1,541.89	1,503.58	38.32	40.240		
7,300.00	7,074.65	7,021.14	6,911.07	23.34	17.66	94.19	345.27	823.81	1,561.12	1,522.85	38.27	40.789		
7,400.00	7,150.25	7,096.28	6,967.34	23.30	17.65	89.73	346.82	774.09	1,578.15	1,539.92	38.23	41.280		
7,500.00	7,215.10	7,171.68	7,017.52	23.24	17.66	86.70	348.21	717.89	1,592.57	1,554.33	38.24	41.650		
7,600.00	7,267.63	7,247.57	7,060.96	23.15	17.71	84.68	349.44	655.74	1,604.07	1,565.74	38.33	41.847		
7,700.00	7,306.52	7,324.16	7,097.00	23.04	17.80	83.48	350.49	588.22	1,612.41	1,573.84	38.56	41.814		
7,800.00	7,330.84	7,401.67	7,124.97	22.92	17.95	82.98	351.33	515.99	1,617.43	1,578.49	38.94	41.534		
7,900.00	7,339.97	7,480.31	7,144.16	22.81	18.17	83.12	351.95	439.77	1,619.09	1,579.60	39.49	40.999		
7,971.02	7,340.39	7,537.30	7,152.12	22.74	18.37	83.39	352.24	383.37	1,619.22	1,579.23	39.99	40.494		
8,000.00	7,339.23	7,560.81	7,153.93	22.72	18.46	83.50	352.33	359.93	1,619.04	1,578.85	40.20	40.278		
8,100.00	7,338.31	7,651.38	7,154.60	22.74	18.88	83.55	352.48	269.38	1,619.98	1,578.88	41.10	39.415		
8,200.00	7,337.40	7,751.38	7,153.78	22.95	19.45	83.56	352.62	169.39	1,621.07	1,578.82	42.25	38.369		
8,300.00	7,336.48	7,851.37	7,152.95	23.46	20.14	83.57	352.75	69.40	1,622.16	1,578.53	43.63	37.181		
8,400.00	7,335.57	7,951.36	7,152.13	24.21	20.94	83.58	352.89	-30.59	1,623.25	1,578.04	45.22	35.900		
8,500.00	7,334.65	8,051.36	7,151.30	25.11	21.84	83.58	353.03	-130.58	1,624.34	1,577.35	46.99	34.568		
8,600.00	7,333.73	8,151.35	7,150.48	26.11	22.83	83.59	353.16	-230.58	1,625.43	1,576.50	48.93	33.220		
8,700.00	7,332.82	8,251.35	7,149.65	27.17	23.90	83.60	353.30	-330.57	1,626.52	1,575.50	51.02	31.883		
8,800.00	7,331.90	8,351.34	7,148.83	28.30	25.03	83.61	353.43	-430.56	1,627.61	1,574.38	53.23	30.576		
8,900.00	7,330.99	8,451.33	7,148.01	29.48	26.22	83.61	353.57	-530.55	1,628.70	1,573.14	55.56	29.313		
9,000.00	7,330.07	8,551.33	7,147.18	30.71	27.46	83.62	353.70	-630.54	1,629.79	1,571.80	57.99	28.104		
9,100.00	7,329.16	8,651.32	7,146.36	31.97	28.74	83.63	353.84	-730.53	1,630.88	1,570.37	60.51	26.953		
9,200.00	7,328.24	8,751.32	7,145.53	33.27	30.07	83.64	353.97	-830.52	1,631.97	1,568.87	63.10	25.862		
9,300.00	7,327.32	8,851.31	7,144.71	34.60	31.42	83.64	354.11	-930.51	1,633.06	1,567.30	65.76	24.832		
9,400.00	7,326.41	8,951.30	7,143.88	35.96	32.81	83.65	354.24	-1,030.50	1,634.15	1,565.66	68.49	23.861		
9,500.00	7,325.49	9,051.30	7,143.06	37.35	34.22	83.66	354.38	-1,130.49	1,635.24	1,563.98	71.26	22.947		
9,600.00	7,324.58	9,151.29	7,142.23	38.75	35.66	83.67	354.51	-1,230.48	1,636.33	1,562.25	74.08	22.088		
9,700.00	7,323.66	9,251.28	7,141.41	40.17	37.11	83.67	354.65	-1,330.47	1,637.42	1,560.47	76.94	21.280		
9,800.00	7,322.75	9,351.28	7,140.59	41.62	38.59	83.68	354.78	-1,430.46	1,638.51	1,558.66	79.85	20.521		
9,900.00	7,321.83	9,451.27	7,139.76	43.07	40.07	83.69	354.92	-1,530.45	1,639.60	1,556.82	82.78	19.807		
10,000.00	7,320.91	9,551.27	7,138.94	44.55	41.58	83.70	355.05	-1,630.44	1,640.69	1,554.95	85.74	19.135		
10,100.00	7,320.00	9,651.26	7,138.11	46.03	43.09	83.70	355.19	-1,730.43	1,641.78	1,553.05	88.73	18.502		
10,200.00	7,319.08	9,751.25	7,137.29	47.53	44.62	83.71	355.32	-1,830.42	1,642.87	1,551.12	91.75	17.906		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	7,318.17	9,851.25	7,136.46	49.04	46.16	83.72	355.46	-1,930.41	1,643.96	1,549.17	94.78	17.344		
10,400.00	7,317.25	9,951.24	7,135.64	50.56	47.71	83.73	355.59	-2,030.40	1,645.05	1,547.21	97.84	16.814		
10,500.00	7,316.34	10,051.24	7,134.82	52.09	49.26	83.73	355.73	-2,130.39	1,646.14	1,545.22	100.91	16.312		
10,600.00	7,315.42	10,151.23	7,133.99	53.62	50.82	83.74	355.86	-2,230.38	1,647.23	1,543.22	104.01	15.838		
10,700.00	7,314.50	10,251.22	7,133.17	55.17	52.39	83.75	356.00	-2,330.37	1,648.32	1,541.21	107.11	15.389		
10,800.00	7,313.59	10,351.22	7,132.34	56.72	53.97	83.75	356.13	-2,430.36	1,649.41	1,539.18	110.23	14.963		
10,900.00	7,312.67	10,451.21	7,131.52	58.28	55.55	83.76	356.27	-2,530.35	1,650.50	1,537.14	113.36	14.559		
11,000.00	7,311.76	10,551.20	7,130.69	59.84	57.14	83.77	356.40	-2,630.34	1,651.59	1,535.08	116.51	14.176		
11,100.00	7,310.84	10,651.20	7,129.87	61.41	58.73	83.78	356.54	-2,730.33	1,652.68	1,533.02	119.66	13.811		
11,200.00	7,309.93	10,751.19	7,129.04	62.99	60.33	83.78	356.67	-2,830.32	1,653.77	1,530.94	122.83	13.464		
11,300.00	7,309.01	10,851.19	7,128.22	64.57	61.93	83.79	356.81	-2,930.31	1,654.86	1,528.86	126.00	13.134		
11,400.00	7,308.10	10,951.18	7,127.40	66.15	63.53	83.80	356.94	-3,030.30	1,655.95	1,526.77	129.18	12.819		
11,500.00	7,307.18	11,051.17	7,126.57	67.74	65.14	83.81	357.08	-3,130.30	1,657.04	1,524.67	132.37	12.518		
11,600.00	7,306.26	11,151.17	7,125.75	69.33	66.75	83.81	357.21	-3,230.29	1,658.13	1,522.56	135.57	12.231		
11,700.00	7,305.35	11,251.16	7,124.92	70.93	68.37	83.82	357.35	-3,330.28	1,659.22	1,520.45	138.77	11.956		
11,800.00	7,304.43	11,351.15	7,124.10	72.53	69.99	83.83	357.48	-3,430.27	1,660.31	1,518.33	141.98	11.694		
11,900.00	7,303.52	11,451.15	7,123.27	74.13	71.61	83.83	357.62	-3,530.26	1,661.40	1,516.21	145.20	11.442		
12,000.00	7,302.60	11,551.14	7,122.45	75.74	73.23	83.84	357.75	-3,630.25	1,662.49	1,514.07	148.42	11.201		
12,100.00	7,301.69	11,651.14	7,121.63	77.34	74.85	83.85	357.89	-3,730.24	1,663.59	1,511.94	151.65	10.970		
12,200.00	7,300.77	11,751.13	7,120.80	78.96	76.48	83.86	358.02	-3,830.23	1,664.68	1,509.80	154.88	10.748		
12,300.00	7,299.85	11,851.12	7,119.98	80.57	78.11	83.86	358.16	-3,930.22	1,665.77	1,507.65	158.12	10.535		
12,400.00	7,298.94	11,951.12	7,119.15	82.19	79.74	83.87	358.30	-4,030.21	1,666.86	1,505.50	161.36	10.330		
12,500.00	7,298.02	12,051.11	7,118.33	83.80	81.37	83.88	358.43	-4,130.20	1,667.95	1,503.35	164.60	10.133		
12,600.00	7,297.11	12,151.11	7,117.50	85.42	83.01	83.89	358.57	-4,230.19	1,669.04	1,501.19	167.85	9.944		
12,700.00	7,296.19	12,251.10	7,116.68	87.05	84.64	83.89	358.70	-4,330.18	1,670.13	1,499.03	171.10	9.761		
12,800.00	7,295.28	12,351.09	7,115.85	88.67	86.28	83.90	358.84	-4,430.17	1,671.22	1,496.86	174.36	9.585		
12,900.00	7,294.36	12,451.09	7,115.03	90.30	87.92	83.91	358.97	-4,530.16	1,672.31	1,494.70	177.62	9.415		
13,000.00	7,293.44	12,551.08	7,114.21	91.92	89.56	83.91	359.11	-4,630.15	1,673.40	1,492.52	180.88	9.252		
13,100.00	7,292.53	12,651.07	7,113.38	93.55	91.20	83.92	359.24	-4,730.14	1,674.49	1,490.35	184.14	9.093		
13,200.00	7,291.61	12,751.07	7,112.56	95.18	92.85	83.93	359.38	-4,830.13	1,675.58	1,488.17	187.41	8.941		
13,300.00	7,290.70	12,851.06	7,111.73	96.82	94.49	83.94	359.51	-4,930.12	1,676.67	1,486.00	190.68	8.793		
13,400.00	7,289.78	12,951.06	7,110.91	98.45	96.13	83.94	359.65	-5,030.11	1,677.77	1,483.81	193.95	8.650		
13,500.00	7,288.87	13,051.05	7,110.08	100.08	97.78	83.95	359.78	-5,130.10	1,678.86	1,481.63	197.23	8.512		
13,600.00	7,287.95	13,151.04	7,109.26	101.72	99.43	83.96	359.92	-5,230.09	1,679.95	1,479.44	200.50	8.379		
13,700.00	7,287.03	13,251.04	7,108.44	103.36	101.08	83.96	360.05	-5,330.08	1,681.04	1,477.26	203.78	8.249		
13,800.00	7,286.12	13,351.03	7,107.61	105.00	102.72	83.97	360.19	-5,430.07	1,682.13	1,475.07	207.06	8.124		
13,900.00	7,285.20	13,451.03	7,106.79	106.64	104.37	83.98	360.32	-5,530.06	1,683.22	1,472.87	210.35	8.002		
14,000.00	7,284.29	13,551.02	7,105.96	108.28	106.02	83.98	360.46	-5,630.05	1,684.31	1,470.68	213.63	7.884		
14,100.00	7,283.37	13,651.01	7,105.14	109.92	107.68	83.99	360.59	-5,730.04	1,685.40	1,468.48	216.92	7.770		
14,200.00	7,282.46	13,751.01	7,104.31	111.56	109.33	84.00	360.73	-5,830.03	1,686.49	1,466.29	220.21	7.659		
14,300.00	7,281.54	13,851.00	7,103.49	113.20	110.98	84.01	360.86	-5,930.02	1,687.58	1,464.09	223.50	7.551		
14,400.00	7,280.63	13,950.99	7,102.66	114.85	112.63	84.01	361.00	-6,030.02	1,688.68	1,461.89	226.79	7.446		
14,500.00	7,279.71	14,050.99	7,101.84	116.49	114.29	84.02	361.13	-6,130.01	1,689.77	1,459.69	230.08	7.344		
14,600.00	7,278.79	14,150.98	7,101.02	118.14	115.94	84.03	361.27	-6,230.00	1,690.86	1,457.48	233.38	7.245		
14,700.00	7,277.88	14,250.98	7,100.19	119.79	117.60	84.03	361.40	-6,329.99	1,691.95	1,455.28	236.67	7.149		
14,800.00	7,276.96	14,350.97	7,099.37	121.43	119.25	84.04	361.54	-6,429.98	1,693.04	1,453.07	239.97	7.055		
14,900.00	7,276.05	14,450.96	7,098.54	123.08	120.91	84.05	361.67	-6,529.97	1,694.13	1,450.87	243.27	6.964		
15,000.00	7,275.13	14,550.96	7,097.72	124.73	122.57	84.05	361.81	-6,629.96	1,695.22	1,448.66	246.57	6.875		
15,100.00	7,274.22	14,650.95	7,096.89	126.38	124.22	84.06	361.94	-6,729.95	1,696.32	1,446.45	249.87	6.789		
15,200.00	7,273.30	14,750.95	7,096.07	128.03	125.88	84.07	362.08	-6,829.94	1,697.41	1,444.24	253.17	6.705		
15,300.00	7,272.38	14,850.94	7,095.25	129.68	127.54	84.08	362.21	-6,929.93	1,698.50	1,442.03	256.47	6.623		
15,400.00	7,271.47	14,950.93	7,094.42	131.33	129.20	84.08	362.35	-7,029.92	1,699.59	1,439.81	259.78	6.543		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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
15,500.00	7,270.55	15,050.93	7,093.60	132.98	130.86	84.09	362.48	-7,129.91	1,700.68	1,437.60	263.08	6.464	
15,551.16	7,270.08	15,102.08	7,093.18	133.83	131.71	84.09	362.55	-7,181.06	1,701.24	1,436.47	264.77	6.425 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	1.00	-1.00	3.28	3.28	-4.78	79.78	-6.67	80.06				
100.00	100.00	101.00	99.00	3.28	3.28	-4.78	79.78	-6.67	80.06	72.53	7.53	10.634	
200.00	200.00	201.00	199.00	3.31	3.31	-4.78	79.78	-6.67	80.06	72.49	7.57	10.570	CC, ES
300.00	299.99	298.99	298.99	3.35	3.35	-141.04	79.78	-6.67	80.93	73.27	7.66	10.566	
400.00	399.88	400.64	400.62	3.41	3.41	-142.01	78.90	-5.14	83.46	75.69	7.78	10.731	
500.00	499.55	502.38	502.21	3.49	3.49	-142.43	76.21	-0.48	86.67	78.73	7.93	10.924	
600.00	598.89	604.19	603.62	3.60	3.60	-142.34	71.72	7.30	90.51	82.38	8.14	11.126	
700.00	697.76	706.04	704.68	3.75	3.73	-141.80	65.42	18.21	95.00	86.61	8.39	11.322	
800.00	796.05	807.93	805.27	3.95	3.91	-140.89	57.33	32.22	100.15	91.44	8.71	11.501	
900.00	893.63	908.90	904.39	4.19	4.12	-139.84	47.72	48.87	106.17	97.07	9.10	11.667	
1,000.00	990.55	1,008.58	1,002.14	4.48	4.36	-139.66	37.95	65.79	114.10	104.54	9.56	11.937	
1,100.00	1,087.39	1,108.25	1,099.87	4.81	4.63	-139.64	28.18	82.70	122.27	112.20	10.06	12.151	
1,200.00	1,184.23	1,207.91	1,197.61	5.17	4.92	-139.62	18.42	99.61	130.43	119.83	10.61	12.297	
1,300.00	1,281.07	1,307.58	1,295.34	5.55	5.23	-139.60	8.66	116.53	138.60	127.42	11.19	12.392	
1,400.00	1,377.91	1,407.24	1,393.08	5.95	5.56	-139.58	-1.11	133.44	146.77	134.98	11.79	12.446	
1,500.00	1,474.75	1,506.91	1,490.81	6.36	5.88	-139.57	-10.87	150.35	154.93	142.52	12.41	12.482	
1,600.00	1,571.59	1,606.58	1,588.54	6.79	6.06	-139.55	-20.64	167.26	163.10	150.19	12.91	12.636	
1,700.00	1,668.44	1,706.24	1,686.28	7.23	6.11	-139.54	-30.40	184.18	171.27	157.97	13.29	12.884	
1,800.00	1,765.28	1,805.91	1,784.01	7.67	6.18	-139.53	-40.17	201.09	179.44	165.73	13.71	13.092	
1,900.00	1,862.12	1,905.57	1,881.75	7.92	6.27	-139.52	-49.93	218.00	187.60	174.00	13.60	13.794	
2,000.00	1,958.96	2,005.24	1,979.48	7.98	6.38	-139.51	-59.70	234.91	195.77	182.03	13.74	14.252	
2,100.00	2,055.80	2,104.90	2,077.21	8.06	6.50	-139.50	-69.46	251.83	203.94	190.03	13.91	14.662	
2,200.00	2,152.64	2,204.57	2,174.95	8.16	6.65	-139.50	-79.23	268.74	212.10	197.98	14.12	15.024	
2,300.00	2,249.48	2,304.24	2,273.68	8.28	6.81	-139.49	-88.99	285.65	220.27	205.91	14.36	15.339	
2,400.00	2,346.32	2,403.90	2,370.41	8.42	6.99	-139.48	-98.76	302.57	228.44	213.80	14.63	15.609	
2,500.00	2,443.16	2,503.57	2,468.15	8.58	7.18	-139.48	-108.52	319.48	236.60	221.66	14.94	15.838	
2,600.00	2,540.00	2,603.23	2,565.88	8.76	7.38	-139.47	-118.28	336.39	244.77	229.50	15.27	16.027	
2,700.00	2,636.84	2,702.90	2,663.62	8.95	7.60	-139.46	-128.05	353.30	252.94	237.31	15.63	16.181	
2,800.00	2,733.69	2,802.57	2,761.35	9.16	7.83	-139.46	-137.81	370.22	261.10	245.09	16.02	16.303	
2,900.00	2,830.53	2,902.23	2,859.08	9.38	8.06	-139.45	-147.58	387.13	269.27	252.85	16.42	16.396	
3,000.00	2,927.37	3,001.90	2,956.82	9.61	8.31	-139.45	-157.34	404.04	277.44	260.59	16.85	16.464	
3,100.00	3,024.21	3,101.56	3,054.55	9.85	8.57	-139.45	-167.11	420.95	285.60	268.30	17.30	16.509	
3,200.00	3,121.05	3,201.23	3,152.29	10.11	8.83	-139.44	-176.87	437.87	293.77	276.01	17.77	16.536	
3,300.00	3,217.89	3,300.90	3,250.02	10.38	9.10	-139.44	-186.64	454.78	301.94	283.69	18.25	16.546	
3,400.00	3,314.73	3,400.56	3,347.75	10.65	9.38	-139.43	-196.40	471.69	310.10	291.36	18.75	16.542	
3,500.00	3,411.57	3,500.23	3,445.49	10.94	9.66	-139.43	-206.17	488.61	318.27	299.01	19.26	16.526	
3,600.00	3,508.41	3,600.11	3,543.22	11.23	9.95	-139.43	-215.93	505.52	326.44	306.65	19.79	16.499	
3,700.00	3,605.25	3,699.56	3,640.96	11.53	10.24	-139.43	-225.69	522.43	334.61	314.28	20.32	16.465	
3,800.00	3,702.09	3,800.77	3,738.69	11.84	10.54	-139.42	-235.46	539.34	342.77	321.90	20.88	16.420	
3,900.00	3,798.94	3,901.11	3,836.42	12.15	10.84	-139.42	-245.22	556.26	350.94	329.50	21.44	16.372	
4,000.00	3,895.78	4,001.44	3,934.16	12.47	11.15	-139.42	-254.99	573.17	359.11	337.10	22.01	16.318	
4,100.00	3,992.62	4,101.78	4,031.89	12.80	11.46	-139.41	-264.75	590.08	367.27	344.69	22.59	16.262	
4,200.00	4,089.46	4,202.11	4,129.63	13.13	11.78	-139.41	-274.52	606.99	375.44	352.27	23.17	16.202	
4,300.00	4,186.30	4,297.56	4,227.36	13.46	12.08	-139.41	-284.28	623.91	383.61	359.85	23.75	16.151	
4,400.00	4,283.14	4,397.22	4,325.09	13.80	12.39	-139.41	-294.05	640.82	391.77	367.42	24.35	16.089	
4,500.00	4,379.98	4,503.11	4,422.83	14.15	12.74	-139.41	-303.81	657.73	399.94	374.96	24.98	16.013	
4,600.00	4,476.82	4,603.45	4,520.56	14.49	13.06	-139.40	-313.58	674.65	408.11	382.52	25.59	15.949	
4,700.00	4,573.66	4,703.78	4,618.29	14.84	13.39	-139.40	-323.34	691.56	416.27	390.07	26.21	15.883	
4,800.00	4,670.50	4,804.11	4,716.03	15.20	13.72	-139.40	-333.11	708.47	424.44	397.61	26.83	15.818	
4,900.00	4,767.35	4,904.45	4,813.76	15.56	14.05	-139.40	-342.87	725.38	432.61	405.15	27.46	15.753	
5,000.00	4,864.19	4,995.22	4,911.50	15.92	14.35	-139.40	-352.63	742.30	440.77	412.71	28.06	15.706	
5,100.00	4,961.03	5,105.12	5,009.23	16.28	14.71	-139.39	-362.40	759.21	448.94	420.21	28.73	15.625	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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									
Measured Depth Depth (usft)	Vertical Depth (usft)	Measured Depth Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning			
5,200.00	5,057.87	5,205.45	5,106.96	16.64	15.05	-139.39	-372.16	776.12	457.11	427.73	29.37	15.562				
5,300.00	5,154.71	5,294.22	5,204.70	17.01	15.35	-139.39	-381.93	793.03	465.28	435.29	29.98	15.519				
5,400.00	5,251.55	5,406.12	5,302.43	17.38	15.73	-139.39	-391.69	809.95	473.44	442.78	30.67	15.438				
5,500.00	5,348.39	5,493.55	5,400.17	17.75	16.02	-139.39	-401.46	826.86	481.61	450.33	31.28	15.398				
5,600.00	5,445.23	5,593.21	5,497.90	18.13	16.36	-139.39	-411.22	843.77	489.78	457.85	31.93	15.339				
5,700.00	5,542.07	5,707.12	5,595.63	18.50	16.75	-139.38	-420.99	860.69	497.94	465.31	32.63	15.260				
5,800.00	5,638.91	5,792.55	5,693.37	18.88	17.04	-139.38	-430.75	877.60	506.11	472.87	33.24	15.225				
5,900.00	5,735.75	5,907.79	5,791.10	19.26	17.44	-139.38	-440.52	894.51	514.28	480.32	33.95	15.147				
6,000.00	5,832.60	6,008.12	5,888.84	19.64	17.78	-139.38	-450.28	911.42	522.44	487.83	34.62	15.092				
6,100.00	5,929.44	6,108.46	5,986.57	20.02	18.13	-139.38	-460.04	928.34	530.61	495.33	35.28	15.038				
6,200.00	6,026.28	6,191.21	6,084.30	20.40	18.41	-139.38	-469.81	945.25	538.78	502.88	35.90	15.010				
6,300.00	6,123.12	6,290.87	6,182.04	20.79	18.76	-139.38	-479.57	962.16	546.94	510.38	36.56	14.958				
6,400.00	6,219.96	6,409.46	6,279.77	21.17	19.17	-139.38	-489.34	979.08	555.11	517.81	37.30	14.884				
6,500.00	6,316.80	6,509.79	6,377.50	21.56	19.52	-139.38	-499.10	995.99	563.28	525.31	37.97	14.834				
6,600.00	6,413.64	6,589.87	6,475.24	21.94	19.80	-139.37	-508.87	1,012.90	571.44	532.86	38.58	14.812				
6,700.00	6,510.48	6,689.54	6,572.97	22.33	20.15	-139.37	-518.63	1,029.81	579.61	540.36	39.26	14.765				
6,800.00	6,607.32	6,785.25	6,667.44	22.72	20.40	-140.03	-528.13	1,041.27	588.05	548.26	39.79	14.779				
6,900.00	6,705.10	6,878.35	6,759.95	22.99	20.54	-179.89	-537.59	1,038.88	597.07	556.99	40.07	14.900				
7,000.00	6,803.10	6,970.04	6,849.74	23.16	20.63	136.66	-546.94	1,023.31	606.19	565.97	40.22	15.070				
7,100.00	6,898.92	7,060.57	6,935.29	23.27	20.67	114.71	-556.00	995.38	615.13	574.85	40.28	15.270				
7,200.00	6,990.18	7,150.15	7,015.21	23.33	20.67	104.03	-564.62	956.01	623.60	583.33	40.27	15.484				
7,300.00	7,074.65	7,239.01	7,088.28	23.34	20.64	97.94	-572.67	906.20	631.36	591.13	40.23	15.695				
7,400.00	7,150.25	7,327.37	7,153.38	23.30	20.59	94.11	-580.02	847.02	638.17	597.98	40.19	15.878				
7,500.00	7,215.10	7,415.44	7,209.52	23.24	20.54	91.61	-586.56	779.58	643.84	603.63	40.21	16.010				
7,600.00	7,267.63	7,503.39	7,255.82	23.15	20.50	90.02	-592.18	705.09	648.23	607.89	40.35	16.066				
7,700.00	7,306.52	7,591.44	7,291.49	23.04	20.48	89.14	-596.78	624.80	651.24	610.61	40.63	16.027				
7,800.00	7,330.84	7,679.76	7,315.86	22.92	20.49	88.84	-600.28	540.06	652.80	611.71	41.09	15.887				
7,900.00	7,339.97	7,768.53	7,328.36	22.81	20.56	89.06	-602.61	452.27	652.91	611.19	41.72	15.650				
8,000.00	7,339.23	7,862.35	7,329.64	22.72	20.72	89.25	-603.87	358.50	652.53	610.04	42.49	15.358				
8,100.00	7,338.31	7,962.35	7,328.78	22.74	21.05	89.25	-604.98	258.51	652.38	608.93	43.45	15.013				
8,200.00	7,337.40	8,062.35	7,327.93	22.95	21.54	89.26	-606.10	158.52	652.24	607.59	44.65	14.607				
8,300.00	7,336.48	8,162.35	7,327.07	23.46	22.19	89.26	-607.21	58.53	652.10	606.03	46.06	14.156				
8,400.00	7,335.57	8,262.35	7,326.22	24.21	22.97	89.27	-608.33	-41.46	651.95	604.28	47.67	13.675				
8,500.00	7,334.65	8,362.35	7,325.36	25.11	23.86	89.27	-609.44	-141.45	651.81	602.35	49.46	13.179				
8,600.00	7,333.73	8,462.35	7,324.51	26.11	24.83	89.28	-610.55	-241.44	651.67	600.26	51.40	12.677				
8,700.00	7,332.82	8,562.35	7,323.65	27.17	25.88	89.28	-611.67	-341.43	651.52	598.03	53.49	12.181				
8,800.00	7,331.90	8,662.35	7,322.80	28.30	27.00	89.29	-612.78	-441.42	651.38	595.68	55.70	11.695				
8,900.00	7,330.99	8,762.35	7,321.94	29.48	28.17	89.29	-613.90	-541.41	651.24	593.22	58.02	11.225				
9,000.00	7,330.07	8,862.35	7,321.09	30.71	29.39	89.30	-615.01	-641.40	651.09	590.66	60.44	10.773				
9,100.00	7,329.16	8,962.35	7,320.23	31.97	30.65	89.30	-616.12	-741.39	650.95	588.01	62.94	10.342				
9,200.00	7,328.24	9,062.35	7,319.38	33.27	31.96	89.31	-617.24	-841.38	650.81	585.29	65.52	9.933				
9,300.00	7,327.32	9,162.35	7,318.52	34.60	33.29	89.31	-618.35	-941.37	650.66	582.49	68.17	9.545				
9,400.00	7,326.41	9,262.35	7,317.67	35.96	34.65	89.32	-619.47	-1,041.36	650.52	579.64	70.88	9.178				
9,500.00	7,325.49	9,362.35	7,316.81	37.35	36.04	89.32	-620.58	-1,141.35	650.38	576.74	73.64	8.832				
9,600.00	7,324.58	9,462.35	7,315.96	38.75	37.45	89.33	-621.70	-1,241.34	650.23	573.79	76.45	8.506				
9,700.00	7,323.66	9,562.35	7,315.10	40.17	38.89	89.33	-622.81	-1,341.33	650.09	570.79	79.30	8.198				
9,800.00	7,322.75	9,662.35	7,314.25	41.62	40.34	89.34	-623.92	-1,441.32	649.95	567.76	82.18	7.908				
9,900.00	7,321.83	9,762.35	7,313.39	43.07	41.81	89.34	-625.04	-1,541.31	649.80	564.70	85.11	7.635				
10,000.00	7,320.91	9,862.35	7,312.54	44.55	43.29	89.35	-626.15	-1,641.30	649.66	561.60	88.06	7.377				
10,100.00	7,320.00	9,962.35	7,311.68	46.03	44.78	89.36	-627.27	-1,741.29	649.52	558.48	91.04	7.134				
10,200.00	7,319.08	10,062.35	7,310.83	47.53	46.29	89.36	-628.38	-1,841.28	649.37	555.33	94.05	6.905				
10,300.00	7,318.17	10,162.35	7,309.97	49.04	47.81	89.37	-629.49	-1,941.27	649.23	552.16	97.07	6.688				

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
10,400.00	7,317.25	10,262.35	7,309.12	50.56	49.34	89.37	-630.61	-2,041.26	649.09	548.97	100.12	6.483		
10,500.00	7,316.34	10,362.35	7,308.26	52.09	50.88	89.38	-631.72	-2,141.25	648.95	545.76	103.19	6.289		
10,600.00	7,315.42	10,462.35	7,307.41	53.62	52.42	89.38	-632.84	-2,241.24	648.80	542.53	106.27	6.105		
10,700.00	7,314.50	10,562.35	7,306.55	55.17	53.98	89.39	-633.95	-2,341.23	648.66	539.28	109.37	5.931		
10,800.00	7,313.59	10,662.35	7,305.70	56.72	55.54	89.39	-635.06	-2,441.22	648.52	536.03	112.49	5.765		
10,900.00	7,312.67	10,762.35	7,304.84	58.28	57.10	89.40	-636.18	-2,541.21	648.37	532.76	115.62	5.608		
11,000.00	7,311.76	10,862.35	7,303.99	59.84	58.67	89.40	-637.29	-2,641.20	648.23	529.47	118.76	5.458		
11,100.00	7,310.84	10,962.35	7,303.13	61.41	60.25	89.41	-638.41	-2,741.19	648.09	526.18	121.91	5.316		
11,200.00	7,309.93	11,062.35	7,302.28	62.99	61.84	89.41	-639.52	-2,841.18	647.94	522.88	125.07	5.181		
11,300.00	7,309.01	11,162.35	7,301.42	64.57	63.42	89.42	-640.63	-2,941.17	647.80	519.56	128.24	5.052		
11,400.00	7,308.10	11,262.35	7,300.57	66.15	65.01	89.42	-641.75	-3,041.16	647.66	516.24	131.42	4.928		
11,500.00	7,307.18	11,362.35	7,299.71	67.74	66.61	89.43	-642.86	-3,141.15	647.51	512.91	134.61	4.810		
11,600.00	7,306.26	11,462.35	7,298.86	69.33	68.21	89.43	-643.98	-3,241.14	647.37	509.57	137.80	4.698		
11,700.00	7,305.35	11,562.35	7,298.00	70.93	69.81	89.44	-645.09	-3,341.13	647.23	506.22	141.00	4.590		
11,800.00	7,304.43	11,662.35	7,297.15	72.53	71.42	89.44	-646.21	-3,441.12	647.08	502.87	144.21	4.487		
11,900.00	7,303.52	11,762.35	7,296.29	74.13	73.03	89.45	-647.32	-3,541.11	646.94	499.51	147.43	4.388		
12,000.00	7,302.60	11,862.35	7,295.44	75.74	74.64	89.45	-648.43	-3,641.10	646.80	496.15	150.65	4.293		
12,100.00	7,301.69	11,962.35	7,294.58	77.34	76.25	89.46	-649.55	-3,741.09	646.66	492.78	153.88	4.202		
12,200.00	7,300.77	12,062.35	7,293.73	78.96	77.87	89.47	-650.66	-3,841.08	646.51	489.40	157.11	4.115		
12,300.00	7,299.85	12,162.35	7,292.87	80.57	79.49	89.47	-651.78	-3,941.07	646.37	486.02	160.35	4.031		
12,400.00	7,298.94	12,262.35	7,292.02	82.19	81.11	89.48	-652.89	-4,041.06	646.23	482.64	163.59	3.950		
12,500.00	7,298.02	12,362.35	7,291.16	83.80	82.74	89.48	-654.00	-4,141.05	646.08	479.25	166.83	3.873		
12,600.00	7,297.11	12,462.35	7,290.31	85.42	84.36	89.49	-655.12	-4,241.04	645.94	475.86	170.08	3.798		
12,700.00	7,296.19	12,562.35	7,289.45	87.05	85.99	89.49	-656.23	-4,341.03	645.80	472.46	173.34	3.726		
12,800.00	7,295.28	12,662.35	7,288.60	88.67	87.62	89.50	-657.35	-4,441.02	645.65	469.06	176.59	3.656		
12,900.00	7,294.36	12,762.35	7,287.74	90.30	89.25	89.50	-658.46	-4,541.01	645.51	465.66	179.85	3.589		
13,000.00	7,293.44	12,862.35	7,286.88	91.92	90.88	89.51	-659.57	-4,641.00	645.37	462.25	183.12	3.524		
13,100.00	7,292.53	12,962.35	7,286.03	93.55	92.52	89.51	-660.69	-4,740.99	645.23	458.84	186.38	3.462		
13,200.00	7,291.61	13,062.35	7,285.17	95.18	94.15	89.52	-661.80	-4,840.98	645.08	455.43	189.65	3.401		
13,300.00	7,290.70	13,162.35	7,284.32	96.82	95.79	89.52	-662.92	-4,940.97	644.94	452.01	192.93	3.343		
13,400.00	7,289.78	13,262.35	7,283.46	98.45	97.43	89.53	-664.03	-5,040.96	644.80	448.60	196.20	3.286		
13,500.00	7,288.87	13,362.35	7,282.61	100.08	99.06	89.53	-665.15	-5,140.95	644.65	445.18	199.48	3.232		
13,600.00	7,287.95	13,462.35	7,281.75	101.72	100.70	89.54	-666.26	-5,240.94	644.51	441.75	202.76	3.179		
13,700.00	7,287.03	13,562.35	7,280.90	103.36	102.35	89.54	-667.37	-5,340.93	644.37	438.33	206.04	3.127		
13,800.00	7,286.12	13,662.35	7,280.04	105.00	103.99	89.55	-668.49	-5,440.92	644.22	434.90	209.32	3.078		
13,900.00	7,285.20	13,762.35	7,279.19	106.64	105.63	89.55	-669.60	-5,540.91	644.08	431.47	212.61	3.029		
14,000.00	7,284.29	13,862.35	7,278.33	108.28	107.28	89.56	-670.72	-5,640.90	643.94	428.04	215.90	2.983		
14,100.00	7,283.37	13,962.35	7,277.48	109.92	108.92	89.57	-671.83	-5,740.89	643.80	424.61	219.19	2.937		
14,200.00	7,282.46	14,062.35	7,276.62	111.56	110.57	89.57	-672.94	-5,840.88	643.65	421.18	222.48	2.893		
14,300.00	7,281.54	14,162.35	7,275.77	113.20	112.21	89.58	-674.06	-5,940.87	643.51	417.74	225.77	2.850		
14,400.00	7,280.63	14,262.35	7,274.91	114.85	113.86	89.58	-675.17	-6,040.86	643.37	414.30	229.06	2.809		
14,500.00	7,279.71	14,362.35	7,274.06	116.49	115.51	89.59	-676.29	-6,140.85	643.22	410.86	232.36	2.768		
14,600.00	7,278.79	14,462.35	7,273.20	118.14	117.16	89.59	-677.40	-6,240.84	643.08	407.42	235.66	2.729		
14,700.00	7,277.88	14,562.35	7,272.35	119.79	118.81	89.60	-678.51	-6,340.83	642.94	403.98	238.96	2.691		
14,800.00	7,276.96	14,662.35	7,271.49	121.43	120.46	89.60	-679.63	-6,440.82	642.79	400.54	242.26	2.653		
14,900.00	7,276.05	14,762.35	7,270.64	123.08	122.11	89.61	-680.74	-6,540.81	642.65	397.09	245.56	2.617		
15,000.00	7,275.13	14,862.35	7,269.78	124.73	123.76	89.61	-681.86	-6,640.80	642.51	393.65	248.86	2.582		
15,100.00	7,274.22	14,962.35	7,268.93	126.38	125.41	89.62	-682.97	-6,740.79	642.37	390.20	252.17	2.547		
15,200.00	7,273.30	15,062.35	7,268.07	128.03	127.07	89.62	-684.09	-6,840.78	642.22	386.75	255.47	2.514		
15,300.00	7,272.38	15,162.35	7,267.22	129.68	128.72	89.63	-685.20	-6,940.77	642.08	383.30	258.78	2.481		
15,400.00	7,271.47	15,262.35	7,266.36	131.33	130.37	89.63	-686.31	-7,040.76	641.94	379.85	262.09	2.449		
15,500.00	7,270.55	15,362.35	7,265.51	132.98	132.03	89.64	-687.43	-7,140.75	641.79	376.40	265.40	2.418		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	
15,551.16	7,270.08	15,413.50	7,265.07	133.83	132.87	89.64	-688.00	-7,191.90	641.72	374.63	267.09	2.403 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design		6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 7N-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+MSA										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	
0.00	0.00	0.00	0.00	3.28	3.28	-4.79	59.75	-5.00	59.96				
100.00	100.00	100.00	100.00	3.28	3.28	-4.79	59.75	-5.00	59.96	52.43	7.53	7.963	
200.00	200.00	200.00	200.00	3.31	3.31	-4.79	59.75	-5.00	59.96	52.38	7.57	7.916 CC, ES	
300.00	299.99	300.24	300.24	3.35	3.35	-141.17	59.71	-4.94	60.78	53.12	7.66	7.936	
400.00	399.88	401.53	401.49	3.41	3.41	-141.93	58.42	-2.79	62.85	55.08	7.77	8.087	
500.00	499.55	502.86	502.64	3.49	3.49	-142.03	55.29	2.43	65.55	57.62	7.93	8.265	
600.00	598.89	604.24	603.55	3.60	3.60	-141.56	50.32	10.72	68.85	60.72	8.14	8.463	
700.00	697.76	705.64	704.08	3.75	3.74	-140.59	43.51	22.06	72.78	64.38	8.40	8.669	
800.00	796.05	807.06	804.09	3.95	3.92	-139.23	34.88	36.46	77.35	68.63	8.72	8.872	
900.00	893.63	908.03	903.04	4.19	4.14	-137.65	24.55	53.68	82.68	73.56	9.12	9.063	
1,000.00	990.55	1,007.78	1,000.61	4.48	4.40	-137.09	13.89	71.47	89.68	80.08	9.60	9.341	
1,100.00	1,087.39	1,107.51	1,098.16	4.81	4.68	-136.77	3.22	89.25	96.91	86.79	10.13	9.570	
1,200.00	1,184.23	1,207.25	1,195.72	5.17	4.99	-136.50	-7.44	107.04	104.15	93.45	10.70	9.736	
1,300.00	1,281.07	1,306.99	1,293.28	5.55	5.32	-136.26	-18.11	124.82	111.38	100.08	11.30	9.854	
1,400.00	1,377.91	1,406.72	1,390.84	5.95	5.66	-136.05	-28.77	142.60	118.62	106.68	11.94	9.935	
1,500.00	1,474.75	1,506.46	1,488.39	6.36	6.01	-135.86	-39.43	160.39	125.86	113.26	12.60	9.986	
1,600.00	1,571.59	1,606.20	1,585.95	6.79	6.37	-135.70	-50.10	178.17	133.10	119.81	13.29	10.017	
1,700.00	1,668.44	1,705.93	1,683.51	7.23	6.75	-135.55	-60.76	195.96	140.34	126.35	13.99	10.031	
1,800.00	1,765.28	1,805.67	1,781.07	7.67	7.12	-135.41	-71.43	213.74	147.58	132.88	14.70	10.040	
1,900.00	1,862.12	1,905.41	1,878.62	7.92	7.32	-135.29	-82.09	231.52	154.82	140.12	14.71	10.526	
2,000.00	1,958.96	2,005.15	1,976.18	7.98	7.37	-135.18	-92.76	249.31	162.07	147.27	14.80	10.953	
2,100.00	2,055.80	2,104.88	2,073.74	8.06	7.44	-135.08	-103.42	267.09	169.31	154.39	14.92	11.346	
2,200.00	2,152.64	2,204.62	2,171.30	8.16	7.53	-134.99	-114.09	284.88	176.56	161.47	15.08	11.705	
2,300.00	2,249.48	2,304.36	2,268.85	8.28	7.63	-134.90	-124.75	302.66	183.80	168.52	15.28	12.029	
2,400.00	2,346.32	2,404.09	2,366.41	8.42	7.75	-134.82	-135.42	320.44	191.05	175.54	15.51	12.317	
2,500.00	2,443.16	2,503.83	2,463.97	8.58	7.89	-134.75	-146.08	338.23	198.29	182.52	15.77	12.572	
2,600.00	2,540.00	2,603.57	2,561.53	8.76	8.04	-134.68	-156.75	356.01	205.54	189.47	16.06	12.794	
2,700.00	2,636.84	2,703.30	2,659.08	8.95	8.21	-134.62	-167.41	373.80	212.78	196.40	16.39	12.986	
2,800.00	2,733.69	2,803.04	2,756.64	9.16	8.38	-134.56	-178.07	391.58	220.03	203.29	16.73	13.149	
2,900.00	2,830.53	2,902.78	2,854.20	9.38	8.58	-134.50	-188.74	409.36	227.28	210.17	17.11	13.285	
3,000.00	2,927.37	3,002.51	2,951.75	9.61	8.78	-134.45	-199.40	427.15	234.52	217.02	17.51	13.397	
3,100.00	3,024.21	3,102.25	3,049.31	9.85	9.00	-134.40	-210.07	444.93	241.77	223.84	17.93	13.488	
3,200.00	3,121.05	3,201.99	3,146.87	10.11	9.22	-134.35	-220.73	462.71	249.02	230.65	18.37	13.559	
3,300.00	3,217.89	3,301.72	3,244.43	10.38	9.46	-134.31	-231.40	480.50	256.26	237.44	18.82	13.613	
3,400.00	3,314.73	3,401.46	3,341.98	10.65	9.70	-134.27	-242.06	498.28	263.51	244.21	19.30	13.652	
3,500.00	3,411.57	3,501.20	3,439.54	10.94	9.95	-134.23	-252.73	516.07	270.76	250.96	19.79	13.678	
3,600.00	3,508.41	3,600.94	3,537.10	11.23	10.21	-134.19	-263.39	533.85	278.01	257.70	20.30	13.693	
3,700.00	3,605.25	3,700.67	3,634.66	11.53	10.48	-134.16	-274.06	551.63	285.25	264.43	20.83	13.697	
3,800.00	3,702.09	3,800.41	3,732.21	11.84	10.75	-134.13	-284.72	569.42	292.50	271.14	21.36	13.693	
3,900.00	3,798.94	3,900.15	3,829.77	12.15	11.03	-134.09	-295.38	587.20	299.75	277.84	21.91	13.682	
4,000.00	3,895.78	4,000.12	3,927.33	12.47	11.32	-134.06	-306.05	604.99	307.00	284.53	22.47	13.664	
4,100.00	3,992.62	4,100.38	4,024.89	12.80	11.61	-134.03	-316.71	622.77	314.24	291.21	23.04	13.640	
4,200.00	4,089.46	4,200.64	4,122.44	13.13	11.91	-134.01	-327.38	640.55	321.49	297.87	23.62	13.612	
4,300.00	4,186.30	4,299.09	4,220.00	13.46	12.20	-133.98	-338.04	658.34	328.74	304.54	24.20	13.583	
4,400.00	4,283.14	4,401.17	4,317.56	13.80	12.51	-133.96	-348.71	676.12	335.99	311.18	24.80	13.546	
4,500.00	4,379.98	4,501.43	4,415.12	14.15	12.82	-133.93	-359.37	693.91	343.24	317.83	25.41	13.509	
4,600.00	4,476.82	4,601.70	4,512.67	14.49	13.13	-133.91	-370.04	711.69	350.49	324.47	26.02	13.470	
4,700.00	4,573.66	4,701.96	4,610.23	14.84	13.45	-133.89	-380.70	729.47	357.73	331.10	26.64	13.429	
4,800.00	4,670.50	4,802.22	4,707.79	15.20	13.77	-133.86	-391.37	747.26	364.98	337.72	27.26	13.387	
4,900.00	4,767.35	4,902.49	4,805.35	15.56	14.09	-133.84	-402.03	765.04	372.23	344.34	27.89	13.345	
5,000.00	4,864.19	4,997.25	4,902.90	15.92	14.40	-133.82	-412.69	782.83	379.48	350.97	28.51	13.309	
5,100.00	4,961.03	5,103.01	5,000.46	16.28	14.74	-133.81	-423.36	800.61	386.73	357.56	29.17	13.258	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
5,200.00	5,057.87	5,203.28	5,098.02	16.64	15.07	-133.79	-434.02	818.39	393.98	364.16	29.81	13.214		
5,300.00	5,154.71	5,303.54	5,195.57	17.01	15.40	-133.77	-444.69	836.18	401.23	370.76	30.46	13.170		
5,400.00	5,251.55	5,403.80	5,293.13	17.38	15.73	-133.75	-455.35	853.96	408.47	377.36	31.12	13.127		
5,500.00	5,348.39	5,504.06	5,390.69	17.75	16.07	-133.74	-466.02	871.75	415.72	383.95	31.78	13.083		
5,600.00	5,445.23	5,604.33	5,488.25	18.13	16.41	-133.72	-476.68	889.53	422.97	390.53	32.44	13.040		
5,700.00	5,542.07	5,704.59	5,585.80	18.50	16.75	-133.71	-487.35	907.31	430.22	397.12	33.10	12.997		
5,800.00	5,638.91	5,804.85	5,683.36	18.88	17.09	-133.69	-498.01	925.10	437.47	403.70	33.77	12.955		
5,900.00	5,735.75	5,905.12	5,780.92	19.26	17.43	-133.68	-508.68	942.88	444.72	410.28	34.44	12.913		
6,000.00	5,832.60	5,994.62	5,878.48	19.64	17.74	-133.66	-519.34	960.66	451.97	416.89	35.08	12.885		
6,100.00	5,929.44	6,094.36	5,976.03	20.02	18.08	-133.65	-530.00	978.45	459.22	423.46	35.75	12.844		
6,200.00	6,026.28	6,205.91	6,073.59	20.40	18.46	-133.64	-540.67	996.23	466.46	430.00	36.47	12.791		
6,300.00	6,123.12	6,306.17	6,171.15	20.79	18.81	-133.62	-551.33	1,014.02	473.71	436.56	37.15	12.752		
6,400.00	6,219.96	6,393.57	6,268.71	21.17	19.11	-133.61	-562.00	1,031.80	480.96	443.17	37.79	12.728		
6,500.00	6,316.80	6,496.12	6,369.68	21.56	19.38	-134.17	-573.10	1,045.31	487.99	449.64	38.34	12.727		
6,600.00	6,413.64	6,595.85	6,468.66	21.94	19.53	-136.46	-584.16	1,043.10	494.75	456.18	38.57	12.827		
6,700.00	6,510.48	6,687.54	6,558.34	22.33	19.61	-140.03	-594.36	1,027.38	503.02	464.48	38.54	13.051		
6,800.00	6,607.32	6,768.87	6,635.26	22.72	19.64	-144.43	-603.24	1,002.72	515.25	476.93	38.32	13.446		
6,900.00	6,705.10	6,843.05	6,702.18	22.99	19.65	172.04	-611.08	971.78	532.29	494.33	37.96	14.024		
7,000.00	6,803.10	6,914.38	6,762.73	23.16	19.63	125.20	-618.28	934.83	552.23	514.70	37.53	14.713		
7,100.00	6,898.92	6,983.53	6,817.14	23.27	19.60	100.21	-624.86	892.73	573.53	536.46	37.08	15.469		
7,200.00	6,990.18	7,050.00	6,864.86	23.33	19.56	86.90	-630.75	846.88	594.84	558.23	36.61	16.249		
7,300.00	7,074.65	7,117.16	6,907.98	23.34	19.52	78.53	-636.18	795.72	615.00	578.82	36.17	17.002		
7,400.00	7,150.25	7,182.33	6,944.48	23.30	19.48	72.83	-640.91	741.97	633.10	597.28	35.82	17.673		
7,500.00	7,215.10	7,250.00	6,976.39	23.24	19.46	68.77	-645.19	682.48	648.44	612.84	35.61	18.212		
7,600.00	7,267.63	7,310.65	6,999.51	23.15	19.45	66.02	-648.45	626.53	660.44	624.83	35.61	18.549		
7,700.00	7,306.52	7,374.18	7,017.93	23.04	19.46	64.23	-651.24	565.83	668.74	632.91	35.82	18.668		
7,800.00	7,330.84	7,437.50	7,030.22	22.92	19.50	63.31	-653.37	503.77	673.08	636.80	36.28	18.553		
7,900.00	7,339.97	7,500.00	7,036.29	22.81	19.57	63.17	-654.81	441.61	673.34	636.38	36.96	18.217		
8,000.00	7,339.23	7,579.36	7,036.57	22.72	19.74	63.25	-655.80	362.28	672.47	634.77	37.70	17.839		
8,100.00	7,338.31	7,679.36	7,035.51	22.74	20.10	63.23	-656.90	262.29	672.41	633.92	38.50	17.467		
8,200.00	7,337.40	7,779.36	7,034.46	22.95	20.65	63.22	-658.01	162.30	672.36	632.84	39.52	17.012		
8,300.00	7,336.48	7,879.35	7,033.40	23.46	21.35	63.20	-659.11	62.31	672.31	631.54	40.77	16.492		
8,400.00	7,335.57	7,979.35	7,032.35	24.21	22.18	63.19	-660.21	-37.68	672.26	630.05	42.20	15.929		
8,500.00	7,334.65	8,079.35	7,031.29	25.11	23.12	63.17	-661.31	-137.67	672.20	628.39	43.81	15.342		
8,600.00	7,333.73	8,179.35	7,030.24	26.11	24.14	63.16	-662.41	-237.65	672.15	626.57	45.58	14.746		
8,700.00	7,332.82	8,279.35	7,029.18	27.17	25.24	63.14	-663.51	-337.64	672.10	624.61	47.49	14.152		
8,800.00	7,331.90	8,379.35	7,028.12	28.30	26.40	63.13	-664.61	-437.63	672.05	622.53	49.52	13.571		
8,900.00	7,330.99	8,479.35	7,027.07	29.48	27.61	63.11	-665.71	-537.62	671.99	620.34	51.66	13.009		
9,000.00	7,330.07	8,579.35	7,026.01	30.71	28.87	63.09	-666.81	-637.61	671.94	618.05	53.89	12.469		
9,100.00	7,329.16	8,679.35	7,024.96	31.97	30.17	63.08	-667.91	-737.59	671.89	615.69	56.20	11.955		
9,200.00	7,328.24	8,779.35	7,023.90	33.27	31.51	63.06	-669.02	-837.58	671.84	613.25	58.59	11.467		
9,300.00	7,327.32	8,879.35	7,022.85	34.60	32.88	63.05	-670.12	-937.57	671.78	610.74	61.04	11.005		
9,400.00	7,326.41	8,979.35	7,021.79	35.96	34.27	63.03	-671.22	-1,037.56	671.73	608.18	63.55	10.570		
9,500.00	7,325.49	9,079.35	7,020.74	37.35	35.69	63.02	-672.32	-1,137.55	671.68	605.57	66.11	10.160		
9,600.00	7,324.58	9,179.35	7,019.68	38.75	37.12	63.00	-673.42	-1,237.54	671.63	602.91	68.71	9.774		
9,700.00	7,323.66	9,279.35	7,018.63	40.17	38.58	62.99	-674.52	-1,337.52	671.58	600.22	71.36	9.412		
9,800.00	7,322.75	9,379.35	7,017.57	41.62	40.05	62.97	-675.62	-1,437.51	671.52	597.49	74.03	9.070		
9,900.00	7,321.83	9,479.35	7,016.52	43.07	41.54	62.95	-676.72	-1,537.50	671.47	594.73	76.74	8.749		
10,000.00	7,320.91	9,579.35	7,015.46	44.55	43.04	62.94	-677.82	-1,637.49	671.42	591.94	79.48	8.447		
10,100.00	7,320.00	9,679.35	7,014.41	46.03	44.56	62.92	-678.92	-1,737.48	671.37	589.12	82.24	8.163		
10,200.00	7,319.08	9,779.35	7,013.35	47.53	46.08	62.91	-680.02	-1,837.46	671.32	586.29	85.03	7.895		
10,300.00	7,318.17	9,879.35	7,012.30	49.04	47.62	62.89	-681.13	-1,937.45	671.27	583.43	87.84	7.642		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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								
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning	
10,400.00	7,317.25	9,979.35	7,011.24	50.56	49.16	62.88	-682.23	-2,037.44	671.21	580.55	90.66	7.404		
10,500.00	7,316.34	10,079.35	7,010.19	52.09	50.71	62.86	-683.33	-2,137.43	671.16	577.66	93.50	7.178		
10,600.00	7,315.42	10,179.35	7,009.13	53.62	52.27	62.84	-684.43	-2,237.42	671.11	574.75	96.36	6.965		
10,700.00	7,314.50	10,279.35	7,008.08	55.17	53.84	62.83	-685.53	-2,337.41	671.06	571.83	99.23	6.763		
10,800.00	7,313.59	10,379.35	7,007.02	56.72	55.41	62.81	-686.63	-2,437.39	671.01	568.90	102.11	6.572		
10,900.00	7,312.67	10,479.35	7,005.97	58.28	56.99	62.80	-687.73	-2,537.38	670.96	565.95	105.00	6.390		
11,000.00	7,311.76	10,579.35	7,004.91	59.84	58.57	62.78	-688.83	-2,637.37	670.90	563.00	107.91	6.217		
11,100.00	7,310.84	10,679.35	7,003.86	61.41	60.16	62.77	-689.93	-2,737.36	670.85	560.03	110.82	6.054		
11,200.00	7,309.93	10,779.35	7,002.80	62.99	61.75	62.75	-691.03	-2,837.35	670.80	557.06	113.74	5.898		
11,300.00	7,309.01	10,879.35	7,001.75	64.57	63.35	62.74	-692.14	-2,937.33	670.75	554.08	116.67	5.749		
11,400.00	7,308.10	10,979.35	7,000.69	66.15	64.95	62.72	-693.24	-3,037.32	670.70	551.09	119.61	5.607		
11,500.00	7,307.18	11,079.35	6,999.64	67.74	66.55	62.70	-694.34	-3,137.31	670.65	548.09	122.56	5.472		
11,600.00	7,306.26	11,179.35	6,998.58	69.33	68.16	62.69	-695.44	-3,237.30	670.60	545.09	125.51	5.343		
11,700.00	7,305.35	11,279.35	6,997.53	70.93	69.77	62.67	-696.54	-3,337.29	670.55	542.08	128.47	5.220		
11,800.00	7,304.43	11,379.35	6,996.47	72.53	71.38	62.66	-697.64	-3,437.28	670.50	539.07	131.43	5.102		
11,900.00	7,303.52	11,479.35	6,995.42	74.13	73.00	62.64	-698.74	-3,537.26	670.44	536.05	134.40	4.989		
12,000.00	7,302.60	11,579.35	6,994.36	75.74	74.62	62.63	-699.84	-3,637.25	670.39	533.02	137.37	4.880		
12,100.00	7,301.69	11,679.35	6,993.31	77.34	76.24	62.61	-700.94	-3,737.24	670.34	530.00	140.35	4.776		
12,200.00	7,300.77	11,779.35	6,992.25	78.96	77.86	62.59	-702.04	-3,837.23	670.29	526.96	143.33	4.677		
12,300.00	7,299.85	11,879.35	6,991.20	80.57	79.49	62.58	-703.15	-3,937.22	670.24	523.93	146.31	4.581		
12,400.00	7,298.94	11,979.35	6,990.14	82.19	81.12	62.56	-704.25	-4,037.20	670.19	520.89	149.30	4.489		
12,500.00	7,298.02	12,079.35	6,989.09	83.80	82.75	62.55	-705.35	-4,137.19	670.14	517.85	152.29	4.400		
12,600.00	7,297.11	12,179.35	6,988.03	85.42	84.38	62.53	-706.45	-4,237.18	670.09	514.80	155.29	4.315		
12,700.00	7,296.19	12,279.35	6,986.98	87.05	86.01	62.52	-707.55	-4,337.17	670.04	511.75	158.29	4.233		
12,800.00	7,295.28	12,379.35	6,985.92	88.67	87.64	62.50	-708.65	-4,437.16	669.99	508.70	161.29	4.154		
12,900.00	7,294.36	12,479.35	6,984.87	90.30	89.28	62.48	-709.75	-4,537.15	669.94	505.65	164.29	4.078		
13,000.00	7,293.44	12,579.35	6,983.81	91.92	90.91	62.47	-710.85	-4,637.13	669.89	502.60	167.29	4.004		
13,100.00	7,292.53	12,679.35	6,982.76	93.55	92.55	62.45	-711.95	-4,737.12	669.84	499.54	170.30	3.933		
13,200.00	7,291.61	12,779.35	6,981.70	95.18	94.19	62.44	-713.05	-4,837.11	669.79	496.48	173.31	3.865		
13,300.00	7,290.70	12,879.35	6,980.65	96.82	95.83	62.42	-714.16	-4,937.10	669.74	493.42	176.32	3.798		
13,400.00	7,289.78	12,979.35	6,979.59	98.45	97.47	62.41	-715.26	-5,037.09	669.69	490.36	179.33	3.734		
13,500.00	7,288.87	13,079.35	6,978.54	100.08	99.12	62.39	-716.36	-5,137.08	669.64	487.29	182.35	3.672		
13,600.00	7,287.95	13,179.35	6,977.48	101.72	100.76	62.37	-717.46	-5,237.06	669.59	484.23	185.36	3.612		
13,700.00	7,287.03	13,279.35	6,976.43	103.36	102.41	62.36	-718.56	-5,337.05	669.54	481.16	188.38	3.554		
13,800.00	7,286.12	13,379.35	6,975.37	105.00	104.05	62.34	-719.66	-5,437.04	669.49	478.09	191.40	3.498		
13,900.00	7,285.20	13,479.34	6,974.32	106.64	105.70	62.33	-720.76	-5,537.03	669.44	475.02	194.42	3.443		
14,000.00	7,284.29	13,579.34	6,973.26	108.28	107.34	62.31	-721.86	-5,637.02	669.39	471.95	197.44	3.390		
14,100.00	7,283.37	13,679.34	6,972.21	109.92	108.99	62.30	-722.96	-5,737.00	669.34	468.88	200.46	3.339		
14,200.00	7,282.46	13,779.34	6,971.15	111.56	110.64	62.28	-724.06	-5,836.99	669.29	465.81	203.48	3.289		
14,300.00	7,281.54	13,879.34	6,970.10	113.20	112.29	62.26	-725.16	-5,936.98	669.24	462.73	206.50	3.241		
14,400.00	7,280.63	13,979.34	6,969.04	114.85	113.94	62.25	-726.27	-6,036.97	669.19	459.66	209.53	3.194		
14,500.00	7,279.71	14,079.34	6,967.99	116.49	115.59	62.23	-727.37	-6,136.96	669.14	456.59	212.55	3.148		
14,600.00	7,278.79	14,179.34	6,966.93	118.14	117.24	62.22	-728.47	-6,236.95	669.09	453.51	215.58	3.104		
14,700.00	7,277.88	14,279.34	6,965.88	119.79	118.90	62.20	-729.57	-6,336.93	669.04	450.43	218.61	3.060		
14,800.00	7,276.96	14,379.34	6,964.82	121.43	120.55	62.19	-730.67	-6,436.92	668.99	447.36	221.63	3.018		
14,900.00	7,276.05	14,479.34	6,963.77	123.08	122.20	62.17	-731.77	-6,536.91	668.94	444.28	224.66	2.978		
15,000.00	7,275.13	14,579.34	6,962.71	124.73	123.86	62.15	-732.87	-6,636.90	668.89	441.20	227.69	2.938		
15,100.00	7,274.22	14,679.34	6,961.66	126.38	125.51	62.14	-733.97	-6,736.89	668.84	438.13	230.72	2.899		
15,200.00	7,273.30	14,779.34	6,960.60	128.03	127.17	62.12	-735.07	-6,836.87	668.79	435.05	233.75	2.861		
15,300.00	7,272.38	14,879.34	6,959.55	129.68	128.82	62.11	-736.17	-6,936.86	668.74	431.97	236.78	2.824		
15,400.00	7,271.47	14,979.34	6,958.49	131.33	130.48	62.09	-737.28	-7,036.85	668.70	428.89	239.81	2.788		
15,500.00	7,270.55	15,079.34	6,957.44	132.98	132.13	62.08	-738.38	-7,136.84	668.65	425.81	242.84	2.753		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
15,546.79	7,270.12	15,126.13	6,956.94	133.76	132.91	62.07	-738.89	-7,183.62	668.62	424.37	244.25	2.737	
15,551.16	7,270.08	15,126.01	6,956.95	133.83	132.91	62.07	-738.89	-7,183.50	668.64	424.35	244.28	2.737 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	0.00	0.00	3.28	3.28	-4.80	39.71	-3.34	39.85				
100.00	100.00	100.00	100.00	3.28	3.28	-4.80	39.71	-3.34	39.85	32.32	7.53	5.293	
200.00	200.00	200.00	200.00	3.31	3.31	-4.80	39.71	-3.34	39.85	32.28	7.57	5.261	CC, ES
300.00	299.99	300.38	300.37	3.35	3.35	-141.27	39.54	-3.11	40.53	32.87	7.66	5.292	
400.00	399.88	401.35	401.29	3.41	3.41	-141.94	37.62	-0.55	41.93	34.16	7.77	5.397	
500.00	499.55	502.37	502.08	3.49	3.49	-142.00	33.56	4.86	43.68	35.75	7.93	5.511	
600.00	598.89	603.42	602.60	3.60	3.60	-141.51	27.37	13.10	45.77	37.64	8.13	5.631	
700.00	697.76	704.50	702.72	3.75	3.74	-140.55	19.05	24.19	48.20	39.82	8.38	5.749	
800.00	796.05	805.61	802.32	3.95	3.93	-139.22	8.61	38.09	51.00	42.29	8.70	5.859	
900.00	893.63	906.50	901.04	4.19	4.16	-137.64	-3.87	54.70	54.21	45.11	9.10	5.955	
1,000.00	990.55	1,006.39	998.55	4.48	4.43	-137.34	-16.90	72.06	58.87	49.29	9.58	6.145	
1,100.00	1,087.39	1,106.28	1,096.04	4.81	4.72	-137.29	-29.93	89.42	63.75	53.64	10.10	6.309	
1,200.00	1,184.23	1,206.16	1,193.54	5.17	5.04	-137.24	-42.96	106.77	68.63	57.96	10.67	6.431	
1,300.00	1,281.07	1,306.04	1,291.03	5.55	5.38	-137.20	-55.99	124.13	73.51	62.24	11.27	6.521	
1,400.00	1,377.91	1,405.92	1,388.53	5.95	5.74	-137.17	-69.02	141.48	78.39	66.49	11.90	6.585	
1,500.00	1,474.75	1,505.80	1,486.02	6.36	6.11	-137.14	-82.06	158.84	83.27	70.71	12.56	6.630	
1,600.00	1,571.59	1,605.68	1,583.51	6.79	6.48	-137.11	-95.09	176.20	88.15	74.92	13.24	6.660	
1,700.00	1,668.44	1,705.56	1,681.01	7.23	6.87	-137.09	-108.12	193.55	93.04	79.10	13.93	6.678	
1,800.00	1,765.28	1,805.44	1,778.50	7.67	7.26	-137.06	-121.15	210.91	97.92	83.28	14.63	6.692	
1,900.00	1,862.12	1,905.32	1,876.00	7.92	7.47	-137.05	-134.18	228.26	102.80	88.17	14.63	7.026	
2,000.00	1,958.96	2,005.20	1,973.49	7.98	7.52	-137.03	-147.21	245.62	107.68	92.97	14.71	7.319	
2,100.00	2,055.80	2,105.08	2,070.99	8.06	7.59	-137.01	-160.24	262.97	112.56	97.73	14.83	7.589	
2,200.00	2,152.64	2,204.96	2,168.48	8.16	7.68	-137.00	-173.27	280.33	117.44	102.45	14.99	7.836	
2,300.00	2,249.48	2,304.85	2,265.97	8.28	7.79	-136.98	-186.30	297.69	122.32	107.14	15.18	8.059	
2,400.00	2,346.32	2,404.73	2,363.47	8.42	7.92	-136.97	-199.34	315.04	127.20	111.80	15.40	8.259	
2,500.00	2,443.16	2,504.61	2,460.96	8.58	8.06	-136.96	-212.37	332.40	132.08	116.43	15.66	8.435	
2,600.00	2,540.00	2,604.49	2,558.46	8.76	8.22	-136.95	-225.40	349.75	136.97	121.02	15.95	8.589	
2,700.00	2,636.84	2,704.37	2,655.95	8.95	8.39	-136.94	-238.43	367.11	141.85	125.58	16.26	8.722	
2,800.00	2,733.69	2,804.25	2,753.45	9.16	8.58	-136.93	-251.46	384.46	146.73	130.12	16.61	8.836	
2,900.00	2,830.53	2,904.13	2,850.94	9.38	8.78	-136.92	-264.49	401.82	151.61	134.63	16.98	8.930	
3,000.00	2,927.37	3,004.01	2,948.43	9.61	8.99	-136.91	-277.52	419.18	156.49	139.12	17.37	9.009	
3,100.00	3,024.21	3,103.89	3,045.93	9.85	9.21	-136.90	-290.55	436.53	161.37	143.59	17.79	9.073	
3,200.00	3,121.05	3,203.77	3,143.42	10.11	9.44	-136.90	-303.58	453.89	166.25	148.03	18.22	9.124	
3,300.00	3,217.89	3,303.65	3,240.92	10.38	9.68	-136.89	-316.62	471.24	171.13	152.46	18.68	9.162	
3,400.00	3,314.73	3,403.53	3,338.41	10.65	9.94	-136.88	-329.65	488.60	176.01	156.86	19.15	9.191	
3,500.00	3,411.57	3,503.41	3,435.91	10.94	10.20	-136.88	-342.68	505.96	180.90	161.25	19.64	9.210	
3,600.00	3,508.41	3,603.30	3,533.40	11.23	10.46	-136.87	-355.71	523.31	185.78	165.63	20.15	9.221	
3,700.00	3,605.25	3,703.18	3,630.90	11.53	10.74	-136.87	-368.74	540.67	190.66	169.99	20.67	9.226	
3,800.00	3,702.09	3,803.06	3,728.39	11.84	11.02	-136.86	-381.77	558.02	195.54	174.34	21.20	9.224	
3,900.00	3,798.94	3,902.94	3,825.88	12.15	11.31	-136.85	-394.80	575.38	200.42	178.68	21.74	9.218	
4,000.00	3,895.78	4,002.82	3,923.38	12.47	11.60	-136.85	-407.83	592.73	205.30	183.00	22.30	9.207	
4,100.00	3,992.62	4,102.70	4,020.87	12.80	11.90	-136.85	-420.86	610.09	210.18	187.32	22.86	9.193	
4,200.00	4,089.46	4,202.58	4,118.37	13.13	12.20	-136.84	-433.89	627.45	215.06	191.62	23.44	9.175	
4,300.00	4,186.30	4,302.46	4,215.86	13.46	12.51	-136.84	-446.93	644.80	219.95	195.92	24.02	9.155	
4,400.00	4,283.14	4,402.34	4,313.36	13.80	12.82	-136.83	-459.96	662.16	224.83	200.21	24.62	9.133	
4,500.00	4,379.98	4,502.22	4,410.85	14.15	13.14	-136.83	-472.99	679.51	229.71	204.49	25.22	9.109	
4,600.00	4,476.82	4,602.10	4,508.34	14.49	13.46	-136.83	-486.02	696.87	234.59	208.77	25.82	9.084	
4,700.00	4,573.66	4,701.98	4,605.84	14.84	13.78	-136.82	-499.05	714.22	239.47	213.03	26.44	9.058	
4,800.00	4,670.50	4,801.87	4,703.33	15.20	14.11	-136.82	-512.08	731.58	244.35	217.29	27.06	9.031	
4,900.00	4,767.35	4,901.75	4,800.83	15.56	14.43	-136.82	-525.11	748.94	249.23	221.55	27.68	9.003	
5,000.00	4,864.19	5,001.63	4,898.32	15.92	14.77	-136.81	-538.14	766.29	254.11	225.80	28.31	8.975	
5,100.00	4,961.03	5,101.51	4,995.82	16.28	15.10	-136.81	-551.17	783.65	259.00	230.05	28.95	8.947	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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				
5,200.00	5,057.87	5,201.39	5,093.31	16.64	15.44	-136.81	-564.21	801.00	263.88	234.29	29.59	8.918				
5,300.00	5,154.71	5,301.27	5,190.80	17.01	15.77	-136.80	-577.24	818.36	268.76	238.52	30.23	8.889				
5,400.00	5,251.55	5,401.15	5,288.30	17.38	16.12	-136.80	-590.27	835.71	273.64	242.76	30.88	8.860				
5,500.00	5,348.39	5,501.03	5,385.79	17.75	16.46	-136.80	-603.30	853.07	278.52	246.98	31.54	8.832				
5,600.00	5,445.23	5,600.91	5,483.29	18.13	16.80	-136.80	-616.33	870.43	283.40	251.21	32.19	8.803				
5,700.00	5,542.07	5,700.79	5,580.78	18.50	17.15	-136.79	-629.36	887.78	288.28	255.43	32.85	8.775				
5,800.00	5,638.91	5,800.67	5,678.28	18.88	17.50	-136.79	-642.39	905.14	293.16	259.65	33.51	8.747				
5,900.00	5,735.75	5,900.55	5,775.77	19.26	17.85	-136.79	-655.42	922.49	298.04	263.86	34.18	8.720				
6,000.00	5,832.60	6,000.43	5,873.26	19.64	18.20	-136.79	-668.45	939.85	302.93	268.08	34.85	8.693				
6,100.00	5,929.44	6,100.32	5,970.76	20.02	18.55	-136.78	-681.49	957.20	307.81	272.29	35.52	8.666				
6,200.00	6,026.28	6,200.20	6,068.25	20.40	18.90	-136.78	-694.52	974.56	312.69	276.50	36.19	8.640				
6,300.00	6,123.12	6,300.08	6,165.75	20.79	19.26	-136.78	-707.55	991.92	317.57	280.70	36.87	8.614				
6,400.00	6,219.96	6,399.96	6,263.24	21.17	19.61	-136.78	-720.58	1,009.27	322.45	284.90	37.55	8.588				
6,500.00	6,316.80	6,500.16	6,360.74	21.56	19.97	-136.78	-733.61	1,026.63	327.33	289.10	38.23	8.563				
6,600.00	6,413.64	6,599.72	6,458.23	21.94	20.33	-136.78	-746.64	1,043.98	332.21	293.30	38.91	8.538				
6,700.00	6,510.48	6,699.87	6,556.55	22.33	20.60	-137.50	-759.89	1,057.15	337.06	297.62	39.43	8.547				
6,800.00	6,607.32	6,796.72	6,652.37	22.72	20.76	-140.77	-773.17	1,055.47	342.41	302.88	39.54	8.660				
6,900.00	6,705.10	6,888.76	6,742.17	22.99	20.86	176.72	-785.96	1,040.31	349.51	310.12	39.39	8.873				
7,000.00	6,803.10	6,977.83	6,826.09	23.16	20.91	130.85	-798.24	1,013.35	357.89	318.73	39.17	9.137				
7,100.00	6,898.92	7,064.40	6,903.28	23.27	20.92	106.75	-809.85	976.06	366.97	328.08	38.90	9.435				
7,200.00	6,990.18	7,148.91	6,973.08	23.33	20.90	94.18	-820.67	929.78	376.15	337.57	38.58	9.750				
7,300.00	7,074.65	7,231.73	7,034.98	23.34	20.86	86.49	-830.59	875.74	384.85	346.60	38.25	10.061				
7,400.00	7,150.25	7,313.19	7,088.55	23.30	20.80	81.32	-839.53	815.11	392.61	354.65	37.97	10.341				
7,500.00	7,215.10	7,393.61	7,133.47	23.24	20.75	77.73	-847.41	748.94	399.02	361.23	37.79	10.558				
7,600.00	7,267.63	7,473.24	7,169.44	23.15	20.69	75.28	-854.17	678.27	403.75	365.95	37.80	10.681				
7,700.00	7,306.52	7,552.35	7,196.23	23.04	20.64	73.74	-859.75	604.10	406.60	368.56	38.03	10.691				
7,800.00	7,330.84	7,631.18	7,213.65	22.92	20.62	73.01	-864.10	527.40	407.40	368.89	38.52	10.577				
7,900.00	7,339.97	7,709.95	7,221.54	22.81	20.62	73.02	-867.17	449.13	406.13	366.89	39.24	10.350				
8,000.00	7,339.23	7,801.67	7,221.45	22.72	20.70	73.07	-869.48	357.45	404.44	364.47	39.97	10.119				
8,100.00	7,338.31	7,901.66	7,220.55	22.74	20.96	73.02	-871.88	257.49	403.06	362.24	40.83	9.872				
8,200.00	7,337.40	8,001.65	7,219.64	22.95	21.44	72.96	-874.29	157.54	401.69	359.77	41.92	9.582				
8,300.00	7,336.48	8,101.64	7,218.73	23.46	22.10	72.90	-876.69	57.58	400.31	357.08	43.24	9.259				
8,400.00	7,335.57	8,201.63	7,217.83	24.21	22.92	72.84	-879.10	-42.38	398.94	354.19	44.75	8.915				
8,500.00	7,334.65	8,301.62	7,216.92	25.11	23.85	72.78	-881.51	-142.33	397.57	351.13	46.44	8.561				
8,600.00	7,333.73	8,401.61	7,216.01	26.11	24.86	72.72	-883.91	-242.29	396.19	347.90	48.29	8.205				
8,700.00	7,332.82	8,501.60	7,215.11	27.17	25.95	72.66	-886.32	-342.25	394.82	344.54	50.28	7.852				
8,800.00	7,331.90	8,601.59	7,214.20	28.30	27.10	72.60	-888.72	-442.20	393.45	341.05	52.40	7.509				
8,900.00	7,330.99	8,701.58	7,213.30	29.48	28.30	72.54	-891.13	-542.16	392.08	337.46	54.62	7.178				
9,000.00	7,330.07	8,801.57	7,212.39	30.71	29.55	72.48	-893.54	-642.12	390.71	333.76	56.94	6.861				
9,100.00	7,329.16	8,901.56	7,211.48	31.97	30.83	72.41	-895.94	-742.07	389.34	329.99	59.35	6.560				
9,200.00	7,328.24	9,001.55	7,210.58	33.27	32.15	72.35	-898.35	-842.03	387.97	326.14	61.83	6.275				
9,300.00	7,327.32	9,101.54	7,209.67	34.60	33.51	72.29	-900.75	-941.99	386.60	322.22	64.38	6.005				
9,400.00	7,326.41	9,201.52	7,208.77	35.96	34.89	72.22	-903.16	-1,041.94	385.23	318.25	66.98	5.751				
9,500.00	7,325.49	9,301.51	7,207.86	37.35	36.29	72.16	-905.56	-1,141.90	383.86	314.22	69.63	5.512				
9,600.00	7,324.58	9,401.50	7,206.95	38.75	37.71	72.10	-907.97	-1,241.86	382.49	310.16	72.33	5.288				
9,700.00	7,323.66	9,501.49	7,206.05	40.17	39.16	72.03	-910.38	-1,341.81	381.12	306.05	75.07	5.077				
9,800.00	7,322.75	9,601.48	7,205.14	41.62	40.62	71.96	-912.78	-1,441.77	379.75	301.91	77.85	4.878				
9,900.00	7,321.83	9,701.47	7,204.24	43.07	42.09	71.90	-915.19	-1,541.73	378.39	297.73	80.66	4.691				
10,000.00	7,320.91	9,801.46	7,203.33	44.55	43.58	71.83	-917.59	-1,641.68	377.02	293.53	83.49	4.516				
10,100.00	7,320.00	9,901.45	7,202.42	46.03	45.09	71.77	-920.00	-1,741.64	375.66	289.31	86.35	4.350				
10,200.00	7,319.08	10,001.44	7,201.52	47.53	46.60	71.70	-922.41	-1,841.60	374.29	285.06	89.23	4.195				
10,300.00	7,318.17	10,101.43	7,200.61	49.04	48.12	71.63	-924.81	-1,941.55	372.93	280.79	92.13	4.048				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
10,400.00	7,317.25	10,201.42	7,199.71	50.56	49.66	71.56	-927.22	-2,041.51	371.56	276.51	95.05	3.909		
10,500.00	7,316.34	10,301.41	7,198.80	52.09	51.20	71.49	-929.62	-2,141.47	370.20	272.21	97.99	3.778		
10,600.00	7,315.42	10,401.40	7,197.89	53.62	52.75	71.42	-932.03	-2,241.42	368.83	267.89	100.94	3.654		
10,700.00	7,314.50	10,501.39	7,196.99	55.17	54.31	71.35	-934.44	-2,341.38	367.47	263.57	103.90	3.537		
10,800.00	7,313.59	10,601.38	7,196.08	56.72	55.87	71.28	-936.84	-2,441.34	366.11	259.23	106.88	3.425		
10,900.00	7,312.67	10,701.37	7,195.17	58.28	57.44	71.21	-939.25	-2,541.29	364.75	254.88	109.86	3.320		
11,000.00	7,311.76	10,801.36	7,194.27	59.84	59.01	71.14	-941.65	-2,641.25	363.39	250.53	112.86	3.220		
11,100.00	7,310.84	10,901.35	7,193.36	61.41	60.59	71.07	-944.06	-2,741.20	362.03	246.16	115.86	3.125		
11,200.00	7,309.93	11,001.34	7,192.46	62.99	62.18	71.00	-946.46	-2,841.16	360.67	241.79	118.88	3.034		
11,300.00	7,309.01	11,101.33	7,191.55	64.57	63.77	70.92	-948.87	-2,941.12	359.31	237.41	121.89	2.948		
11,400.00	7,308.10	11,201.32	7,190.64	66.15	65.36	70.85	-951.28	-3,041.07	357.95	233.03	124.92	2.865		
11,500.00	7,307.18	11,301.31	7,189.74	67.74	66.96	70.78	-953.68	-3,141.03	356.59	228.64	127.95	2.787		
11,600.00	7,306.26	11,401.30	7,188.83	69.33	68.56	70.70	-956.09	-3,240.99	355.23	224.25	130.98	2.712		
11,700.00	7,305.35	11,501.29	7,187.93	70.93	70.16	70.63	-958.49	-3,340.94	353.88	219.85	134.02	2.640		
11,800.00	7,304.43	11,601.28	7,187.02	72.53	71.77	70.55	-960.90	-3,440.90	352.52	215.45	137.07	2.572		
11,900.00	7,303.52	11,701.27	7,186.11	74.13	73.38	70.47	-963.31	-3,540.86	351.16	211.05	140.11	2.506		
12,000.00	7,302.60	11,801.26	7,185.21	75.74	74.99	70.40	-965.71	-3,640.81	349.81	206.65	143.16	2.443		
12,100.00	7,301.69	11,901.25	7,184.30	77.34	76.60	70.32	-968.12	-3,740.77	348.46	202.24	146.22	2.383		
12,200.00	7,300.77	12,001.24	7,183.40	78.96	78.22	70.24	-970.52	-3,840.73	347.10	197.83	149.27	2.325		
12,300.00	7,299.85	12,101.23	7,182.49	80.57	79.84	70.16	-972.93	-3,940.68	345.75	193.42	152.33	2.270		
12,400.00	7,298.94	12,201.22	7,181.58	82.19	81.46	70.08	-975.33	-4,040.64	344.40	189.01	155.39	2.216		
12,443.99	7,298.54	12,240.55	7,181.23	82.90	82.10	70.07	-975.99	-4,079.97	344.11	187.52	156.59	2.197		
12,500.00	7,298.02	12,290.87	7,180.77	83.80	82.92	70.09	-976.03	-4,130.29	344.57	186.44	158.14	2.179		
12,600.00	7,297.11	12,388.03	7,179.89	85.42	84.50	70.23	-974.53	-4,227.43	346.93	185.69	161.24	2.152		
12,700.00	7,296.19	12,487.99	7,178.98	87.05	86.13	70.38	-972.87	-4,327.38	349.40	184.92	164.48	2.124		
12,800.00	7,295.28	12,587.96	7,178.08	88.67	87.76	70.52	-971.22	-4,427.32	351.87	184.15	167.72	2.098		
12,900.00	7,294.36	12,687.92	7,177.17	90.30	89.39	70.67	-969.56	-4,527.27	354.35	183.38	170.97	2.073		
13,000.00	7,293.44	12,787.89	7,176.27	91.92	91.02	70.81	-967.91	-4,627.22	356.82	182.60	174.22	2.048		
13,100.00	7,292.53	12,887.86	7,175.36	93.55	92.65	70.95	-966.25	-4,727.17	359.30	181.82	177.48	2.024		
13,200.00	7,291.61	12,987.82	7,174.45	95.18	94.29	71.08	-964.60	-4,827.11	361.78	181.04	180.74	2.002		
13,300.00	7,290.70	13,087.79	7,173.55	96.82	95.93	71.22	-962.94	-4,927.06	364.27	180.26	184.01	1.980		
13,400.00	7,289.78	13,187.75	7,172.64	98.45	97.56	71.35	-961.29	-5,027.01	366.75	179.48	187.28	1.958		
13,500.00	7,288.87	13,287.72	7,171.74	100.08	99.20	71.48	-959.63	-5,126.96	369.24	178.69	190.55	1.938		
13,600.00	7,287.95	13,387.68	7,170.83	101.72	100.84	71.61	-957.98	-5,226.90	371.73	177.90	193.83	1.918		
13,700.00	7,287.03	13,487.65	7,169.93	103.36	102.49	71.74	-956.32	-5,326.85	374.22	177.12	197.11	1.899		
13,800.00	7,286.12	13,587.61	7,169.02	105.00	104.13	71.87	-954.67	-5,426.80	376.71	176.33	200.39	1.880		
13,900.00	7,285.20	13,687.58	7,168.11	106.64	105.77	71.99	-953.01	-5,526.75	379.21	175.53	203.68	1.862		
14,000.00	7,284.29	13,787.54	7,167.21	108.28	107.42	72.12	-951.36	-5,626.70	381.71	174.74	206.96	1.844		
14,100.00	7,283.37	13,887.51	7,166.30	109.92	109.06	72.24	-949.70	-5,726.64	384.20	173.95	210.26	1.827		
14,200.00	7,282.46	13,987.48	7,165.40	111.56	110.71	72.36	-948.05	-5,826.59	386.70	173.15	213.55	1.811		
14,300.00	7,281.54	14,087.44	7,164.49	113.20	112.36	72.48	-946.39	-5,926.54	389.21	172.36	216.85	1.795		
14,400.00	7,280.63	14,187.41	7,163.58	114.85	114.01	72.59	-944.74	-6,026.49	391.71	171.56	220.15	1.779		
14,500.00	7,279.71	14,287.37	7,162.68	116.49	115.65	72.71	-943.08	-6,126.43	394.21	170.76	223.45	1.764		
14,600.00	7,278.79	14,387.34	7,161.77	118.14	117.30	72.82	-941.43	-6,226.38	396.72	169.97	226.75	1.750		
14,700.00	7,277.88	14,487.30	7,160.87	119.79	118.95	72.94	-939.77	-6,326.33	399.23	169.17	230.06	1.735		
14,800.00	7,276.96	14,587.27	7,159.96	121.43	120.61	73.05	-938.12	-6,426.28	401.74	168.37	233.37	1.721		
14,900.00	7,276.05	14,687.23	7,159.05	123.08	122.26	73.16	-936.46	-6,526.22	404.25	167.57	236.68	1.708		
15,000.00	7,275.13	14,787.20	7,158.15	124.73	123.91	73.27	-934.81	-6,626.17	406.76	166.77	239.99	1.695		
15,100.00	7,274.22	14,887.17	7,157.24	126.38	125.56	73.37	-933.15	-6,726.12	409.28	165.97	243.31	1.682		
15,200.00	7,273.30	14,987.13	7,156.34	128.03	127.22	73.48	-931.50	-6,826.07	411.79	165.17	246.62	1.670		
15,300.00	7,272.38	15,087.10	7,155.43	129.68	128.87	73.58	-929.84	-6,926.01	414.31	164.37	249.94	1.658		
15,400.00	7,271.47	15,187.06	7,154.52	131.33	130.53	73.69	-928.19	-7,025.96	416.83	163.57	253.26	1.646		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
15,500.00	7,270.55	15,287.03	7,153.62	132.98	132.18	73.79	-926.53	-7,125.91	419.34	162.77	256.58	1.634	
15,551.16	7,270.08	15,338.16	7,153.16	133.83	133.03	73.84	-925.69	-7,177.04	420.63	162.36	258.28	1.629 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	-40.38	426.97	-363.08	560.49				
100.00	100.00	103.67	103.66	3.28	3.28	-40.43	426.08	-363.03	559.82	552.46	7.36	76.105	
200.00	200.00	200.39	200.38	3.31	3.30	-40.51	424.81	-362.98	558.78	551.39	7.39	75.584	
227.34	227.34	227.61	227.59	3.31	3.30	-176.30	424.54	-362.97	558.67	551.26	7.41	75.409 CC, ES	
300.00	299.99	299.94	299.93	3.35	3.32	-176.34	423.94	-362.86	559.15	551.69	7.46	74.932	
400.00	399.88	400.45	400.43	3.41	3.37	-176.39	423.17	-362.59	562.92	555.36	7.56	74.424	
500.00	499.55	497.02	496.99	3.49	3.42	-176.47	422.52	-362.56	570.40	562.70	7.70	74.060	
600.00	598.89	598.12	598.09	3.60	3.49	-176.56	422.02	-362.53	581.48	573.61	7.88	73.814	
700.00	697.76	694.28	694.25	3.75	3.56	-176.62	421.83	-362.27	596.09	588.00	8.09	73.708	
800.00	796.05	787.72	787.69	3.95	3.65	-176.70	422.01	-362.50	614.75	606.43	8.33	73.825	
900.00	893.63	884.41	884.38	4.19	3.74	-176.82	422.35	-363.30	637.32	628.72	8.60	74.109	
1,000.00	990.55	980.30	980.27	4.48	3.84	-176.96	422.71	-364.17	662.78	653.88	8.90	74.453	
1,100.00	1,087.39	1,077.33	1,077.29	4.81	3.95	-177.13	422.96	-365.27	688.59	679.37	9.22	74.714	
1,200.00	1,184.23	1,172.46	1,172.41	5.17	4.07	-177.31	422.98	-366.61	714.42	704.87	9.55	74.789	
1,300.00	1,281.07	1,269.91	1,269.84	5.55	4.20	-177.52	422.81	-368.40	740.40	730.48	9.91	74.697	
1,400.00	1,377.91	1,368.42	1,368.34	5.95	4.33	-177.71	422.49	-370.01	766.13	755.84	10.29	74.441	
1,500.00	1,474.75	1,465.16	1,465.07	6.36	4.47	-177.88	422.16	-371.36	791.71	781.03	10.69	74.095	
1,600.00	1,571.59	1,560.36	1,560.26	6.79	4.61	-178.01	422.04	-372.61	817.40	806.31	11.09	73.706	
1,700.00	1,668.44	1,658.76	1,658.65	7.23	4.76	-178.16	421.86	-374.10	843.18	831.67	11.51	73.236	
1,800.00	1,765.28	1,757.29	1,757.17	7.67	4.92	-178.30	421.35	-375.41	868.61	856.66	11.95	72.698	
1,900.00	1,862.12	1,853.93	1,853.80	7.92	5.08	-178.42	420.98	-376.49	893.99	881.93	12.06	74.119	
2,000.00	1,958.96	1,949.67	1,949.53	7.98	5.24	-178.51	420.85	-377.35	919.42	907.18	12.24	75.108	
2,100.00	2,055.80	2,042.03	2,041.90	8.06	5.40	-178.58	420.95	-378.26	945.07	932.64	12.44	75.999	
2,200.00	2,152.64	2,131.26	2,131.11	8.16	5.55	-178.65	421.55	-379.49	971.38	958.74	12.64	76.830	
2,300.00	2,249.48	2,224.15	2,223.98	8.28	5.71	-178.69	422.85	-381.01	998.37	985.49	12.88	77.521	
2,400.00	2,346.32	2,325.38	2,325.19	8.42	5.89	-178.71	424.30	-382.02	1,024.96	1,011.81	13.15	77.936	
2,500.00	2,443.16	2,416.28	2,416.07	8.58	6.05	-178.73	425.84	-383.14	1,051.90	1,038.48	13.42	78.384	
2,600.00	2,540.00	2,528.34	2,528.12	8.76	6.26	-178.73	427.47	-383.83	1,078.26	1,064.51	13.75	78.411	
2,700.00	2,636.84	2,631.65	2,631.43	8.95	6.44	-178.73	427.94	-383.52	1,103.30	1,089.22	14.08	78.366	
2,800.00	2,733.69	2,718.06	2,717.83	9.16	6.60	-178.71	428.88	-383.35	1,128.87	1,114.48	14.39	78.473	
2,900.00	2,830.53	2,813.81	2,813.58	9.38	6.78	-178.72	429.93	-383.88	1,154.93	1,140.20	14.73	78.419	
3,000.00	2,927.37	2,921.45	2,921.21	9.61	6.98	-178.79	429.89	-384.70	1,180.33	1,165.22	15.11	78.117	
3,100.00	3,024.21	3,013.10	3,012.86	9.85	7.16	-178.84	429.70	-385.49	1,205.68	1,190.21	15.47	77.946	
3,200.00	3,121.05	3,110.94	3,110.69	10.11	7.35	-178.92	429.34	-386.69	1,231.16	1,215.31	15.85	77.663	
3,300.00	3,217.89	3,209.69	3,209.43	10.38	7.54	-179.01	428.72	-387.97	1,256.51	1,240.26	16.25	77.325	
3,400.00	3,314.73	3,307.80	3,307.52	10.65	7.73	-179.10	427.89	-389.29	1,281.74	1,265.09	16.66	76.957	
3,500.00	3,411.57	3,405.12	3,404.84	10.94	7.92	-179.17	427.24	-390.31	1,306.90	1,289.83	17.07	76.569	
3,600.00	3,508.41	3,498.14	3,497.85	11.23	8.11	-179.22	426.89	-391.16	1,332.18	1,314.70	17.48	76.214	
3,700.00	3,605.25	3,588.55	3,588.25	11.53	8.28	-179.27	426.86	-392.14	1,357.82	1,339.93	17.89	75.886	
3,800.00	3,702.09	3,687.38	3,687.08	11.84	8.48	-179.31	427.05	-393.25	1,383.64	1,365.30	18.33	75.466	
3,900.00	3,798.94	3,785.17	3,784.87	12.15	8.68	-179.36	426.91	-394.46	1,409.29	1,390.51	18.78	75.040	
4,000.00	3,895.78	3,883.23	3,882.92	12.47	8.88	-179.42	426.60	-395.74	1,434.88	1,415.64	19.23	74.603	
4,100.00	3,992.62	3,986.08	3,985.75	12.80	9.08	-179.47	426.21	-396.79	1,460.23	1,440.53	19.70	74.108	
4,200.00	4,089.46	4,087.27	4,086.95	13.13	9.29	-179.51	425.78	-397.28	1,485.20	1,465.03	20.18	73.615	
4,300.00	4,186.30	4,195.90	4,195.57	13.46	9.51	-179.56	424.76	-397.63	1,509.70	1,489.03	20.67	73.038	
4,400.00	4,283.14	4,292.31	4,291.96	13.80	9.70	-179.62	423.12	-398.12	1,533.78	1,512.65	21.14	72.561	
4,500.00	4,379.98	4,373.78	4,373.42	14.15	9.87	-179.68	421.98	-398.86	1,558.36	1,536.79	21.57	72.244	
4,600.00	4,476.82	4,453.54	4,453.18	14.49	10.03	-179.71	421.90	-399.75	1,583.97	1,561.97	22.00	71.991	
4,700.00	4,573.66	4,539.77	4,539.39	14.84	10.21	-179.71	422.86	-400.87	1,610.54	1,588.08	22.46	71.722	
4,800.00	4,670.50	4,632.30	4,631.91	15.20	10.39	-179.72	424.17	-402.08	1,637.34	1,614.41	22.93	71.408	
4,900.00	4,767.35	4,716.90	4,716.49	15.56	10.57	-179.73	425.39	-403.75	1,664.61	1,641.23	23.38	71.188	
5,000.00	4,864.19	4,793.53	4,793.06	15.92	10.72	-179.75	426.99	-405.83	1,692.82	1,669.00	23.81	71.083	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design		6N-66W-06 Offsets - CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surveys (Grid to True)										Offset Site Error:	
Survey Program:		100-SRC Energy_VESSI GyroFlex V4, 7375-SRC Energy_2" CONE_2.448										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	4,961.03	4,883.61	4,883.07	16.28	10.91	-179.76	429.64	-408.50	1,721.76	1,697.47	24.29	70.885	
5,200.00	5,057.87	4,987.45	4,986.82	16.64	11.12	-179.75	432.98	-411.19	1,750.68	1,725.87	24.81	70.564	
5,300.00	5,154.71	5,087.14	5,086.44	17.01	11.33	-179.74	435.81	-413.57	1,779.18	1,753.86	25.32	70.267	
5,400.00	5,251.55	5,214.02	5,213.26	17.38	11.59	-179.74	438.65	-415.80	1,806.87	1,780.95	25.92	69.719	
5,500.00	5,348.39	5,303.51	5,302.74	17.75	11.77	-179.73	440.19	-417.06	1,833.94	1,807.54	26.40	69.465	
5,600.00	5,445.23	5,398.53	5,397.73	18.13	11.97	-179.74	441.77	-418.58	1,861.10	1,834.20	26.90	69.176	
5,700.00	5,542.07	5,502.80	5,501.97	18.50	12.19	-179.75	443.19	-420.31	1,888.09	1,860.65	27.44	68.814	
5,800.00	5,638.91	5,602.14	5,601.30	18.88	12.39	-179.76	444.43	-421.65	1,914.80	1,886.85	27.96	68.488	
5,900.00	5,735.75	5,701.43	5,700.57	19.26	12.60	-179.75	445.83	-422.60	1,941.37	1,912.89	28.48	68.165	
6,000.00	5,832.60	5,807.83	5,806.96	19.64	12.82	-179.74	447.21	-423.27	1,967.63	1,938.61	29.03	67.788	
6,100.00	5,929.44	5,920.92	5,920.05	20.02	13.06	-179.74	447.71	-423.68	1,993.10	1,963.50	29.59	67.351	
6,200.00	6,026.28	6,010.89	6,010.02	20.40	13.25	-179.75	447.98	-423.99	2,018.47	1,988.38	30.09	67.078	
6,300.00	6,123.12	6,104.52	6,103.64	20.79	13.44	-179.75	448.44	-424.44	2,044.07	2,013.47	30.60	66.794	
6,400.00	6,219.96	6,204.79	6,203.91	21.17	13.65	-179.75	448.92	-424.91	2,069.66	2,038.52	31.14	66.472	
6,500.00	6,316.80	6,291.11	6,290.24	21.56	13.83	-179.75	449.51	-425.35	2,095.41	2,063.78	31.63	66.253	
6,600.00	6,413.64	6,410.28	6,409.40	21.94	14.08	-179.75	450.14	-425.74	2,120.95	2,088.73	32.22	65.825	
6,700.00	6,510.48	6,496.93	6,496.05	22.33	14.26	-179.75	450.47	-425.81	2,146.20	2,113.48	32.72	65.601	
6,800.00	6,607.32	6,586.95	6,586.06	22.72	14.45	-179.94	451.17	-425.91	2,171.75	2,138.53	33.22	65.373	
6,900.00	6,705.10	6,690.90	6,690.01	22.99	14.66	140.87	452.21	-425.87	2,192.08	2,158.38	33.70	65.046	
7,000.00	6,803.10	6,795.91	6,795.02	23.16	14.88	99.00	452.97	-425.59	2,201.45	2,167.35	34.11	64.545	
7,100.00	6,898.92	6,896.79	6,895.90	23.27	15.09	79.43	453.25	-425.39	2,199.99	2,165.56	34.44	63.885	
7,200.00	6,990.18	6,997.88	6,996.98	23.33	15.29	71.91	453.13	-425.13	2,188.11	2,153.39	34.72	63.030	
7,300.00	7,074.65	7,117.83	7,116.92	23.34	15.54	70.14	452.37	-423.61	2,166.09	2,131.06	35.03	61.842	
7,400.00	7,150.25	7,190.03	7,189.11	23.30	15.68	70.77	451.47	-422.52	2,135.63	2,100.43	35.20	60.673	
7,500.00	7,215.10	7,265.23	7,264.29	23.24	15.84	73.53	450.00	-421.66	2,098.54	2,063.11	35.43	59.232	
7,600.00	7,267.63	7,318.95	7,317.99	23.15	15.95	77.37	448.59	-421.21	2,056.50	2,020.82	35.68	57.642	
7,700.00	7,306.52	7,357.31	7,356.33	23.04	16.02	81.90	447.57	-420.90	2,011.51	1,975.52	36.00	55.882	
7,800.00	7,330.84	7,380.97	7,379.98	22.92	16.10	86.69	446.94	-420.71	1,965.36	1,928.92	36.44	53.933	
7,900.00	7,339.97	7,389.35	7,388.36	22.81	16.17	91.34	446.72	-420.64	1,919.68	1,882.69	36.99	51.895	
8,000.00	7,339.23	7,387.82	7,386.84	22.72	16.16	91.96	446.76	-420.65	1,876.54	1,838.97	37.57	49.942	
8,100.00	7,338.31	7,386.12	7,385.13	22.74	16.14	91.91	446.81	-420.66	1,837.81	1,799.56	38.26	48.039	
8,200.00	7,337.40	7,384.41	7,383.42	22.95	16.13	91.85	446.85	-420.68	1,803.80	1,764.77	39.03	46.211	
8,300.00	7,336.48	7,382.70	7,381.71	23.46	16.12	91.79	446.90	-420.69	1,774.78	1,734.88	39.90	44.486	
8,400.00	7,335.57	7,380.99	7,380.01	24.21	16.10	91.74	446.94	-420.71	1,750.99	1,710.16	40.83	42.889	
8,500.00	7,334.65	7,379.28	7,378.30	25.11	16.07	91.68	446.99	-420.72	1,732.65	1,690.87	41.78	41.466	
8,600.00	7,333.73	7,377.58	7,376.59	26.11	16.06	91.62	447.03	-420.73	1,719.94	1,677.13	42.81	40.176	
8,700.00	7,332.82	7,375.87	7,374.88	27.17	16.07	91.56	447.08	-420.75	1,712.98	1,669.13	43.85	39.062	
8,769.48	7,332.18	7,374.68	7,373.70	27.96	16.06	91.52	447.11	-420.76	1,711.57	1,667.00	44.57	38.401	
8,800.00	7,331.90	7,375.84	7,373.18	28.30	16.07	91.51	447.12	-420.76	1,711.85	1,666.96	44.89	38.138	
8,900.00	7,330.99	7,377.55	7,371.47	29.48	16.08	91.45	447.17	-420.78	1,716.54	1,670.64	45.90	37.393	
9,000.00	7,330.07	7,379.26	7,369.76	30.71	16.09	91.39	447.21	-420.79	1,727.02	1,680.14	46.88	36.838	
9,100.00	7,329.16	7,380.96	7,368.05	31.97	16.10	91.33	447.26	-420.80	1,743.19	1,695.38	47.80	36.467	
9,200.00	7,328.24	7,382.67	7,366.35	33.27	16.12	91.28	447.30	-420.82	1,764.87	1,716.22	48.66	36.273 SF	
9,300.00	7,327.32	7,365.62	7,364.64	34.60	16.04	91.22	447.35	-420.83	1,791.89	1,742.54	49.34	36.314	
9,400.00	7,326.41	7,363.91	7,362.93	35.96	16.04	91.16	447.39	-420.85	1,823.99	1,773.96	50.03	36.457	
9,500.00	7,325.49	7,362.20	7,361.22	37.35	16.03	91.11	447.44	-420.86	1,860.91	1,810.27	50.64	36.748	
9,600.00	7,324.58	7,360.50	7,359.52	38.75	16.03	91.05	447.48	-420.87	1,902.38	1,851.21	51.17	37.176	
9,700.00	7,323.66	7,358.79	7,357.81	40.17	16.03	90.99	447.53	-420.89	1,948.10	1,896.47	51.63	37.730	
9,800.00	7,322.75	7,357.08	7,356.10	41.62	16.02	90.93	447.58	-420.90	1,997.79	1,945.76	52.03	38.400	
9,900.00	7,321.83	7,355.37	7,354.40	43.07	16.02	90.88	447.62	-420.92	2,051.14	1,998.79	52.36	39.177	
10,000.00	7,320.91	7,353.66	7,352.69	44.55	16.02	90.82	447.67	-420.93	2,107.90	2,055.27	52.63	40.050	
10,100.00	7,320.00	7,351.95	7,350.98	46.03	16.01	90.76	447.71	-420.94	2,167.78	2,114.92	52.86	41.013	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design	6N-66W-06 Offsets - CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surveys (Grid to True)											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	
10,200.00	7,319.08	7,350.25	7,349.27	47.53	16.01	90.71	447.76	-420.96	2,230.53	2,177.50	53.04	42.056	
10,300.00	7,318.17	7,348.54	7,347.57	49.04	16.01	90.65	447.80	-420.97	2,295.93	2,242.75	53.18	43.173	
10,400.00	7,317.25	7,346.83	7,345.86	50.56	16.00	90.59	447.85	-420.99	2,363.75	2,310.46	53.29	44.357	
10,500.00	7,316.34	7,345.12	7,344.15	52.09	16.00	90.53	447.89	-421.00	2,433.79	2,380.42	53.37	45.602	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	1.02	1.02	3.28	3.28	-169.83	-726.79	-130.39	738.40				
100.00	100.00	102.58	102.58	3.28	3.28	-169.84	-726.71	-130.25	738.29	730.93	7.36	100.363	
164.17	164.17	165.18	165.18	3.29	3.29	-169.84	-726.66	-130.16	738.22	730.85	7.38	100.093	
200.00	200.00	200.18	200.18	3.31	3.30	-169.84	-726.68	-130.18	738.24	730.85	7.39	99.864	
300.00	299.99	299.83	299.83	3.35	3.32	54.45	-726.83	-130.05	737.73	730.27	7.46	98.877	
400.00	399.88	403.98	403.98	3.41	3.37	54.78	-726.75	-129.77	734.97	727.40	7.56	97.182	
500.00	499.55	504.63	504.62	3.49	3.42	55.37	-726.30	-129.50	729.88	722.18	7.70	94.766	
600.00	598.89	601.32	601.32	3.60	3.49	56.19	-726.00	-129.24	723.02	715.15	7.88	91.772	
700.00	697.76	700.23	700.22	3.75	3.56	57.32	-725.81	-129.17	714.56	706.46	8.10	88.214	
800.00	796.05	797.92	797.92	3.95	3.65	58.74	-725.62	-129.27	704.53	696.16	8.37	84.183	
900.00	893.63	895.73	895.73	4.19	3.75	60.47	-725.45	-129.38	693.15	684.46	8.69	79.744	
1,000.00	990.55	994.73	994.73	4.48	3.86	62.37	-725.10	-129.47	680.77	671.70	9.07	75.024	
1,100.00	1,087.39	1,092.52	1,092.51	4.81	3.97	64.26	-724.52	-129.54	668.73	659.23	9.50	70.402	
1,200.00	1,184.23	1,188.95	1,188.94	5.17	4.09	66.17	-723.93	-129.47	657.39	647.43	9.96	65.991	
1,300.00	1,281.07	1,285.51	1,285.50	5.55	4.22	68.12	-723.48	-129.18	646.88	636.42	10.46	61.843	
1,400.00	1,377.91	1,381.25	1,381.24	5.95	4.36	70.10	-723.18	-128.79	637.27	626.28	10.99	58.000	
1,500.00	1,474.75	1,477.11	1,477.10	6.36	4.49	72.13	-723.04	-128.45	628.67	617.13	11.54	54.474	
1,600.00	1,571.59	1,572.76	1,572.74	6.79	4.64	74.21	-723.04	-128.20	621.10	608.99	12.11	51.268	
1,700.00	1,668.44	1,669.57	1,669.55	7.23	4.78	76.37	-723.15	-128.03	614.59	601.88	12.71	48.359	
1,800.00	1,765.28	1,765.80	1,765.79	7.67	4.93	78.54	-723.31	-127.79	609.00	595.69	13.32	45.730	
1,900.00	1,862.12	1,862.01	1,861.99	7.92	5.09	80.74	-723.57	-127.66	604.53	591.00	13.53	44.684	
2,000.00	1,958.96	1,957.90	1,957.89	7.98	5.24	83.00	-723.75	-127.81	601.14	587.38	13.77	43.671	
2,100.00	2,055.80	2,053.59	2,053.58	8.06	5.40	85.27	-724.06	-128.10	598.97	584.95	14.02	42.718	
2,200.00	2,152.64	2,150.15	2,150.13	8.16	5.56	87.59	-724.30	-128.70	597.98	583.68	14.30	41.820	
2,249.06	2,200.15	2,197.92	2,197.90	8.22	5.65	88.75	-724.36	-129.03	597.86	583.42	14.44	41.390	
2,300.00	2,249.48	2,246.52	2,246.50	8.28	5.73	89.93	-724.43	-129.37	598.03	583.44	14.59	40.978	
2,400.00	2,346.32	2,343.49	2,343.46	8.42	5.90	92.28	-724.67	-130.11	599.28	584.37	14.91	40.202	
2,500.00	2,443.16	2,441.35	2,441.32	8.58	6.07	94.66	-724.54	-130.88	601.36	586.12	15.24	39.470	
2,600.00	2,540.00	2,537.93	2,537.90	8.76	6.25	97.02	-724.14	-131.81	604.49	588.92	15.58	38.810	
2,700.00	2,636.84	2,633.95	2,633.91	8.95	6.42	99.35	-723.65	-132.79	608.71	592.78	15.93	38.219	
2,800.00	2,733.69	2,728.87	2,728.82	9.16	6.60	101.61	-723.33	-133.94	614.24	597.96	16.29	37.717	
2,900.00	2,830.53	2,824.27	2,824.21	9.38	6.78	103.87	-722.87	-135.37	620.98	604.33	16.65	37.287	
3,000.00	2,927.37	2,918.16	2,918.08	9.61	6.96	106.06	-722.48	-137.07	629.06	612.03	17.03	36.944	
3,100.00	3,024.21	3,012.08	3,011.99	9.85	7.13	108.16	-722.52	-139.04	638.55	621.14	17.41	36.681	
3,200.00	3,121.05	3,109.24	3,109.12	10.11	7.32	110.28	-722.63	-141.15	649.08	631.27	17.80	36.456	
3,300.00	3,217.89	3,205.76	3,205.62	10.38	7.51	112.28	-723.03	-143.09	660.45	642.24	18.21	36.276	
3,400.00	3,314.73	3,304.10	3,303.95	10.65	7.70	114.24	-723.65	-144.83	672.49	653.87	18.62	36.117	
3,500.00	3,411.57	3,399.84	3,399.67	10.94	7.88	116.06	-724.41	-146.43	685.23	666.20	19.03	36.003	
3,600.00	3,508.41	3,496.74	3,496.55	11.23	8.07	117.80	-725.57	-147.97	698.71	679.26	19.45	35.914	
3,700.00	3,605.25	3,593.48	3,593.27	11.53	8.26	119.45	-727.06	-149.41	712.82	692.94	19.88	35.851	
3,800.00	3,702.09	3,689.43	3,689.18	11.84	8.45	120.99	-728.97	-150.81	727.57	707.25	20.31	35.814	
3,900.00	3,798.94	3,788.41	3,788.13	12.15	8.64	122.48	-731.47	-152.10	742.79	722.03	20.76	35.777	
4,000.00	3,895.78	3,885.07	3,884.74	12.47	8.84	123.86	-734.08	-153.17	758.33	737.12	21.21	35.759	
4,100.00	3,992.62	3,983.31	3,982.94	12.80	9.03	125.20	-736.76	-154.26	774.29	752.63	21.66	35.746	
4,200.00	4,089.46	4,077.40	4,076.99	13.13	9.22	126.45	-739.21	-155.35	790.70	768.59	22.11	35.768	
4,300.00	4,186.30	4,177.06	4,176.63	13.46	9.42	127.76	-741.25	-156.75	807.67	785.10	22.57	35.784	
4,400.00	4,283.14	4,277.38	4,276.93	13.80	9.62	129.05	-742.78	-157.70	824.55	801.51	23.04	35.789	
4,500.00	4,379.98	4,376.58	4,376.11	14.15	9.82	130.29	-744.10	-158.33	841.49	817.98	23.51	35.797	
4,600.00	4,476.82	4,473.84	4,473.37	14.49	10.02	131.51	-744.74	-158.81	858.64	834.67	23.97	35.820	
4,700.00	4,573.66	4,569.24	4,568.77	14.84	10.22	132.69	-744.81	-159.36	876.23	851.80	24.43	35.866	
4,800.00	4,670.50	4,665.82	4,665.35	15.20	10.41	133.83	-745.00	-160.05	894.32	869.42	24.90	35.920	
4,900.00	4,767.35	4,764.23	4,763.76	15.56	10.62	134.94	-745.30	-160.66	912.65	887.28	25.37	35.970	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	4,864.19	4,859.55	4,859.08	15.92	10.81	135.99	-745.30	-161.14	931.22	905.38	25.84	36.038	
5,100.00	4,961.03	4,956.05	4,955.57	16.28	11.01	137.02	-745.33	-161.86	950.32	924.01	26.31	36.114	
5,200.00	5,057.87	5,051.70	5,051.22	16.64	11.21	137.99	-745.38	-162.49	969.63	942.84	26.79	36.196	
5,300.00	5,154.71	5,145.60	5,145.12	17.01	11.40	138.90	-745.59	-163.42	989.50	962.24	27.26	36.299	
5,400.00	5,251.55	5,240.81	5,240.32	17.38	11.60	139.78	-745.87	-164.55	1,009.82	982.08	27.74	36.405	
5,500.00	5,348.39	5,335.63	5,335.13	17.75	11.80	140.62	-746.20	-165.81	1,030.49	1,002.28	28.22	36.519	
5,600.00	5,445.23	5,430.57	5,430.06	18.13	11.99	141.43	-746.57	-167.30	1,051.62	1,022.92	28.70	36.641	
5,700.00	5,542.07	5,528.16	5,527.64	18.50	12.20	142.23	-746.97	-168.82	1,072.92	1,043.73	29.19	36.751	
5,800.00	5,638.91	5,623.95	5,623.41	18.88	12.40	142.99	-747.21	-170.25	1,094.39	1,064.71	29.68	36.869	
5,900.00	5,735.75	5,717.79	5,717.24	19.26	12.59	143.75	-746.60	-171.74	1,116.28	1,086.11	30.16	37.006	
6,000.00	5,832.60	5,816.08	5,815.51	19.64	12.80	144.55	-745.32	-173.12	1,138.31	1,107.65	30.66	37.125	
6,100.00	5,929.44	5,908.05	5,907.46	20.02	12.99	145.27	-744.08	-174.53	1,160.69	1,129.55	31.14	37.276	
6,200.00	6,026.28	5,999.53	5,998.92	20.40	13.18	145.96	-742.69	-176.27	1,183.63	1,152.02	31.61	37.440	
6,300.00	6,123.12	6,092.78	6,092.13	20.79	13.37	146.66	-741.05	-178.31	1,207.06	1,174.97	32.10	37.606	
6,400.00	6,219.96	6,187.49	6,186.79	21.17	13.57	147.34	-739.29	-180.53	1,230.85	1,198.26	32.59	37.769	
6,500.00	6,316.80	6,285.45	6,284.72	21.56	13.78	148.00	-737.79	-182.89	1,254.78	1,221.69	33.09	37.915	
6,600.00	6,413.64	6,393.88	6,393.12	21.94	14.01	148.66	-737.01	-185.17	1,278.37	1,244.73	33.64	37.997	
6,700.00	6,510.48	6,495.89	6,495.12	22.33	14.22	149.26	-736.72	-186.63	1,301.34	1,267.17	34.17	38.083	
6,800.00	6,607.32	6,594.76	6,593.98	22.72	14.43	149.62	-736.68	-187.81	1,324.16	1,289.47	34.69	38.172	
6,900.00	6,705.10	6,696.15	6,695.37	22.99	14.64	111.82	-736.92	-188.89	1,339.40	1,304.28	35.12	38.137	
7,000.00	6,803.10	6,799.07	6,798.28	23.16	14.86	70.90	-737.35	-189.69	1,339.62	1,304.14	35.48	37.762	
7,100.00	6,898.92	6,894.98	6,894.19	23.27	15.06	51.90	-737.68	-190.24	1,325.14	1,289.40	35.74	37.077	
7,200.00	6,990.18	6,988.15	6,987.36	23.33	15.26	44.73	-738.14	-190.76	1,296.71	1,260.77	35.94	36.079	
7,300.00	7,074.65	7,074.61	7,073.81	23.34	15.44	42.92	-738.69	-191.18	1,255.25	1,219.18	36.08	34.794	
7,400.00	7,150.25	7,151.69	7,150.89	23.30	15.60	44.41	-739.22	-191.47	1,202.18	1,166.02	36.16	33.245	
7,500.00	7,215.10	7,216.58	7,215.78	23.24	15.74	48.67	-739.78	-191.72	1,139.29	1,103.08	36.21	31.462	
7,600.00	7,267.63	7,268.02	7,267.21	23.15	15.85	55.65	-740.43	-192.11	1,068.76	1,032.50	36.25	29.480	
7,700.00	7,306.52	7,307.83	7,307.01	23.04	15.93	65.47	-740.98	-192.45	992.83	956.50	36.33	27.326	
7,800.00	7,330.84	7,333.05	7,332.24	22.92	15.98	77.24	-741.32	-192.67	914.06	877.59	36.47	25.060	
7,900.00	7,339.97	7,356.91	7,342.27	22.81	16.07	89.12	-741.46	-192.76	835.21	798.43	36.78	22.707	
8,000.00	7,339.23	7,356.77	7,342.42	22.72	16.07	90.80	-741.46	-192.76	759.56	722.41	37.15	20.445	
8,100.00	7,338.31	7,356.80	7,342.38	22.74	16.07	90.80	-741.46	-192.76	690.11	652.42	37.70	18.306	
8,200.00	7,337.40	7,356.83	7,342.35	22.95	16.07	90.79	-741.46	-192.76	628.95	590.49	38.46	16.352	
8,300.00	7,336.48	7,356.86	7,342.32	23.46	16.07	90.79	-741.46	-192.76	578.71	539.26	39.45	14.669	
8,400.00	7,335.57	7,356.89	7,342.29	24.21	16.07	90.79	-741.46	-192.76	542.43	501.83	40.60	13.361	
8,500.00	7,334.65	7,356.92	7,342.26	25.11	16.07	90.78	-741.46	-192.76	523.02	481.29	41.73	12.535	
8,553.38	7,334.16	7,356.94	7,342.24	25.64	16.07	90.78	-741.46	-192.76	520.29	478.04	42.25	12.314 CC, ES	
8,600.00	7,333.73	7,356.95	7,342.23	26.11	16.07	90.78	-741.46	-192.76	522.37	479.76	42.62	12.258 SF	
8,700.00	7,332.82	7,356.99	7,342.20	27.17	16.07	90.77	-741.46	-192.76	540.55	497.44	43.12	12.537	
8,800.00	7,331.90	7,357.02	7,342.16	28.30	16.07	90.77	-741.46	-192.76	575.78	532.56	43.22	13.321	
8,900.00	7,330.99	7,357.05	7,342.13	29.48	16.07	90.77	-741.46	-192.76	625.17	582.13	43.04	14.525	
9,000.00	7,330.07	7,357.08	7,342.10	30.71	16.07	90.76	-741.46	-192.76	685.69	642.98	42.71	16.056	
9,100.00	7,329.16	7,357.11	7,342.07	31.97	16.07	90.76	-741.46	-192.76	754.65	712.34	42.31	17.836	
9,200.00	7,328.24	7,357.14	7,342.04	33.27	16.07	90.76	-741.46	-192.76	829.95	788.03	41.91	19.802	
9,300.00	7,327.32	7,357.17	7,342.01	34.60	16.07	90.75	-741.46	-192.76	910.02	868.48	41.54	21.905	
9,400.00	7,326.41	7,357.21	7,341.98	35.96	16.07	90.75	-741.46	-192.76	993.71	952.50	41.21	24.111	
9,500.00	7,325.49	7,357.24	7,341.94	37.35	16.07	90.75	-741.46	-192.76	1,080.18	1,039.25	40.92	26.394	
9,600.00	7,324.58	7,357.27	7,341.91	38.75	16.07	90.74	-741.46	-192.76	1,168.81	1,128.13	40.67	28.736	
9,700.00	7,323.66	7,357.30	7,341.88	40.17	16.07	90.74	-741.46	-192.76	1,259.14	1,218.68	40.46	31.123	
9,800.00	7,322.75	7,357.33	7,341.85	41.62	16.07	90.74	-741.46	-192.76	1,350.83	1,310.56	40.27	33.543	
9,900.00	7,321.83	7,357.36	7,341.82	43.07	16.07	90.73	-741.46	-192.76	1,443.63	1,403.52	40.11	35.989	
10,000.00	7,320.91	7,357.39	7,341.79	44.55	16.07	90.73	-741.45	-192.76	1,537.33	1,497.36	39.98	38.455	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
6N-66W-06 Offsets - CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surveys (Grid to True)												Offset Well Error:	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	7,320.00	7,342.57	7,341.76	46.03	16.00	90.73	-741.45	-192.76	1,631.78	1,592.00	39.79	41.011	
10,200.00	7,319.08	7,357.46	7,341.72	47.53	16.07	90.72	-741.45	-192.76	1,726.86	1,687.10	39.76	43.429	
10,300.00	7,318.17	7,357.49	7,341.69	49.04	16.07	90.72	-741.45	-192.76	1,822.46	1,782.78	39.68	45.929	
10,400.00	7,317.25	7,357.52	7,341.66	50.56	16.07	90.72	-741.45	-192.76	1,918.51	1,878.90	39.61	48.435	
10,500.00	7,316.34	7,357.55	7,341.63	52.09	16.07	90.71	-741.45	-192.75	2,014.95	1,975.40	39.55	50.944	
10,600.00	7,315.42	7,357.58	7,341.60	53.62	16.07	90.71	-741.45	-192.75	2,111.71	2,072.21	39.50	53.455	
10,700.00	7,314.50	7,357.61	7,341.57	55.17	16.07	90.71	-741.45	-192.75	2,208.77	2,169.30	39.47	55.965	
10,800.00	7,313.59	7,357.65	7,341.54	56.72	16.07	90.70	-741.45	-192.75	2,306.08	2,266.64	39.44	58.475	
10,900.00	7,312.67	7,357.68	7,341.50	58.28	16.07	90.70	-741.45	-192.75	2,403.60	2,364.19	39.42	60.982	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	175.52	-2,144.31	167.94	2,150.96				
100.00	100.00	81.00	81.00	3.28	3.58	175.52	-2,144.31	167.94	2,150.88	2,143.22	7.65	280.994	
200.00	200.00	181.00	181.00	3.31	5.68	175.52	-2,144.31	167.94	2,150.88	2,141.10	9.78	219.916	
300.00	299.99	280.99	280.99	3.35	8.82	39.78	-2,144.31	167.94	2,150.02	2,137.06	12.96	165.957	
400.00	399.88	380.88	380.88	3.41	12.17	39.90	-2,144.31	167.94	2,146.53	2,130.16	16.37	131.116	
500.00	499.55	480.55	480.55	3.49	15.60	40.12	-2,144.31	167.94	2,140.38	2,120.50	19.89	107.635	
600.00	598.89	579.89	579.89	3.60	19.06	40.43	-2,144.31	167.94	2,131.59	2,108.14	23.45	90.894	
700.00	697.76	678.76	678.76	3.75	22.52	40.84	-2,144.31	167.94	2,120.19	2,093.14	27.05	78.383	
800.00	796.05	777.05	777.05	3.95	25.97	41.36	-2,144.31	167.94	2,106.22	2,075.55	30.67	68.674	
900.00	893.63	874.63	874.63	4.19	29.40	41.97	-2,144.31	167.94	2,089.75	2,055.44	34.31	60.912	
1,000.00	990.55	971.55	971.55	4.48	32.82	42.52	-2,144.31	167.94	2,071.27	2,033.30	37.96	54.561	
1,100.00	1,087.39	1,068.39	1,068.39	4.81	36.23	42.99	-2,144.31	167.94	2,052.69	2,011.05	41.64	49.298	
1,200.00	1,184.23	1,165.23	1,165.23	5.17	39.65	43.46	-2,144.31	167.94	2,034.25	1,988.91	45.34	44.866	
1,300.00	1,281.07	1,262.07	1,262.07	5.55	43.07	43.94	-2,144.31	167.94	2,015.94	1,966.88	49.07	41.087	
1,400.00	1,377.91	1,358.91	1,358.91	5.95	46.49	44.43	-2,144.31	167.94	1,997.78	1,944.97	52.81	37.830	
1,500.00	1,474.75	1,455.75	1,455.75	6.36	49.92	44.93	-2,144.31	167.94	1,979.77	1,923.20	56.57	34.996	
1,600.00	1,571.59	1,552.59	1,552.59	6.79	53.34	45.43	-2,144.31	167.94	1,961.91	1,901.57	60.35	32.510	
1,700.00	1,668.44	1,649.44	1,649.44	7.23	56.77	45.95	-2,144.31	167.94	1,944.21	1,880.07	64.14	30.314	
1,800.00	1,765.28	1,746.28	1,746.28	7.67	60.19	46.47	-2,144.31	167.94	1,926.67	1,858.73	67.94	28.360	
1,900.00	1,862.12	1,843.12	1,843.12	7.92	63.62	47.00	-2,144.31	167.94	1,909.29	1,837.91	71.38	26.750	
2,000.00	1,958.96	1,939.96	1,939.96	7.98	67.05	47.55	-2,144.31	167.94	1,892.08	1,817.21	74.86	25.274	
2,100.00	2,055.80	2,036.80	2,036.80	8.06	70.47	48.10	-2,144.31	167.94	1,875.04	1,796.67	78.37	23.926	
2,200.00	2,152.64	2,133.64	2,133.64	8.16	73.90	48.66	-2,144.31	167.94	1,858.18	1,776.29	81.89	22.690	
2,300.00	2,249.48	2,230.48	2,230.48	8.28	77.33	49.23	-2,144.31	167.94	1,841.51	1,756.07	85.44	21.554	
2,400.00	2,346.32	2,327.32	2,327.32	8.42	80.76	49.82	-2,144.31	167.94	1,825.02	1,736.02	89.00	20.505	
2,500.00	2,443.16	2,424.16	2,424.16	8.58	84.19	50.41	-2,144.31	167.94	1,808.73	1,716.14	92.58	19.536	
2,600.00	2,540.00	2,521.00	2,521.00	8.76	87.61	51.01	-2,144.31	167.94	1,792.63	1,696.45	96.18	18.637	
2,700.00	2,636.84	2,617.84	2,617.84	8.95	91.04	51.62	-2,144.31	167.94	1,776.74	1,676.94	99.80	17.803	
2,800.00	2,733.69	2,714.69	2,714.69	9.16	94.47	52.25	-2,144.31	167.94	1,761.06	1,657.63	103.43	17.026	
2,900.00	2,830.53	2,811.53	2,811.53	9.38	97.90	52.88	-2,144.31	167.94	1,745.60	1,638.52	107.08	16.302	
3,000.00	2,927.37	2,908.37	2,908.37	9.61	101.33	53.53	-2,144.31	167.94	1,730.36	1,619.62	110.74	15.626	
3,100.00	3,024.21	3,005.21	3,005.21	9.85	104.76	54.18	-2,144.31	167.94	1,715.34	1,600.93	114.41	14.993	
3,200.00	3,121.05	3,102.05	3,102.05	10.11	108.19	54.85	-2,144.31	167.94	1,700.56	1,582.46	118.10	14.400	
3,300.00	3,217.89	3,201.11	3,198.89	10.38	111.70	55.53	-2,144.31	167.94	1,686.01	1,564.14	121.87	13.834	
3,400.00	3,314.73	3,304.27	3,295.73	10.65	115.35	56.22	-2,144.31	167.94	1,671.71	1,545.91	125.80	13.288	
3,500.00	3,411.57	3,407.43	3,392.57	10.94	119.01	56.92	-2,144.31	167.94	1,657.67	1,527.92	129.75	12.776	
3,600.00	3,508.41	3,489.41	3,489.41	11.23	121.91	57.63	-2,144.31	167.94	1,643.88	1,510.93	132.95	12.365	
3,700.00	3,605.25	3,586.25	3,586.25	11.53	125.34	58.35	-2,144.31	167.94	1,630.35	1,493.67	136.69	11.928	
3,800.00	3,702.09	3,683.09	3,683.09	11.84	128.77	59.09	-2,144.31	167.94	1,617.10	1,476.67	140.43	11.515	
3,900.00	3,798.94	3,779.94	3,779.94	12.15	132.20	59.83	-2,144.31	167.94	1,604.13	1,459.94	144.18	11.126	
4,000.00	3,895.78	3,876.78	3,876.78	12.47	135.63	60.59	-2,144.31	167.94	1,591.44	1,443.49	147.94	10.757	
4,100.00	3,992.62	3,973.62	3,973.62	12.80	139.06	61.36	-2,144.31	167.94	1,579.04	1,427.33	151.71	10.408	
4,200.00	4,089.46	4,070.46	4,070.46	13.13	142.49	62.14	-2,144.31	167.94	1,566.94	1,411.46	155.49	10.078	
4,300.00	4,186.30	4,167.30	4,167.30	13.46	145.92	62.93	-2,144.31	167.94	1,555.15	1,395.88	159.27	9.764	
4,400.00	4,283.14	4,264.14	4,264.14	13.80	149.35	63.74	-2,144.31	167.94	1,543.67	1,380.62	163.05	9.467	
4,500.00	4,379.98	4,360.98	4,360.98	14.15	152.78	64.55	-2,144.31	167.94	1,532.51	1,365.66	166.84	9.185	
4,600.00	4,476.82	4,457.82	4,457.82	14.49	156.21	65.38	-2,144.31	167.94	1,521.67	1,351.03	170.64	8.917	
4,700.00	4,573.66	4,554.66	4,554.66	14.84	159.64	66.21	-2,144.31	167.94	1,511.18	1,336.73	174.44	8.663	
4,800.00	4,670.50	4,651.50	4,651.50	15.20	163.08	67.06	-2,144.31	167.94	1,501.02	1,322.77	178.25	8.421	
4,900.00	4,767.35	4,748.35	4,748.35	15.56	166.51	67.92	-2,144.31	167.94	1,491.21	1,309.15	182.06	8.191	
5,000.00	4,864.19	4,845.19	4,845.19	15.92	169.94	68.79	-2,144.31	167.94	1,481.75	1,295.88	185.87	7.972	
5,100.00	4,961.03	4,942.03	4,942.03	16.28	173.37	69.67	-2,144.31	167.94	1,472.66	1,282.96	189.69	7.763	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2° CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,200.00	5,057.87	5,038.87	5,038.87	16.64	176.80	70.56	-2,144.31	167.94	1,463.93	1,270.42	193.51	7.565	
5,300.00	5,154.71	5,135.71	5,135.71	17.01	180.23	71.46	-2,144.31	167.94	1,455.58	1,258.24	197.34	7.376	
5,400.00	5,251.55	5,232.55	5,232.55	17.38	183.66	72.37	-2,144.31	167.94	1,447.61	1,246.44	201.17	7.196	
5,500.00	5,348.39	5,329.39	5,329.39	17.75	187.09	73.28	-2,144.31	167.94	1,440.03	1,235.03	205.00	7.025	
5,600.00	5,445.23	5,426.23	5,426.23	18.13	190.52	74.21	-2,144.31	167.94	1,432.84	1,224.01	208.83	6.861	
5,700.00	5,542.07	5,523.07	5,523.07	18.50	193.95	75.15	-2,144.31	167.94	1,426.05	1,213.39	212.66	6.706	
5,800.00	5,638.91	5,619.91	5,619.91	18.88	197.38	76.09	-2,144.31	167.94	1,419.67	1,203.17	216.50	6.557	
5,900.00	5,735.75	5,716.75	5,716.75	19.26	200.81	77.04	-2,144.31	167.94	1,413.70	1,193.36	220.34	6.416	
6,000.00	5,832.60	5,813.60	5,813.60	19.64	204.24	78.00	-2,144.31	167.94	1,408.14	1,183.96	224.18	6.281	
6,100.00	5,929.44	5,910.44	5,910.44	20.02	207.68	78.97	-2,144.31	167.94	1,403.01	1,174.99	228.02	6.153	
6,200.00	6,026.28	6,007.28	6,007.28	20.40	211.11	79.94	-2,144.31	167.94	1,398.30	1,166.44	231.86	6.031	
6,300.00	6,123.12	6,104.12	6,104.12	20.79	214.54	80.92	-2,144.31	167.94	1,394.02	1,158.32	235.70	5.914	
6,400.00	6,219.96	6,200.96	6,200.96	21.17	217.97	81.90	-2,144.31	167.94	1,390.18	1,150.64	239.54	5.803	
6,500.00	6,316.80	6,302.20	6,297.80	21.56	221.55	82.89	-2,144.31	167.94	1,386.77	1,143.23	243.54	5.694	
6,600.00	6,413.64	6,405.36	6,394.64	21.94	225.21	83.88	-2,144.31	167.94	1,383.81	1,136.20	247.61	5.589	
6,700.00	6,510.48	6,508.52	6,491.48	22.33	228.86	84.88	-2,144.31	167.94	1,381.29	1,129.62	251.67	5.488	
6,800.00	6,607.32	6,588.32	6,588.32	22.72	231.69	85.69	-2,144.31	167.94	1,379.21	1,124.30	254.91	5.411	
6,900.00	6,705.10	6,686.10	6,686.10	22.99	235.16	86.00	-2,144.31	167.94	1,372.06	1,113.40	258.66	5.305	
7,000.00	6,803.10	6,784.10	6,784.10	23.16	238.63	5.40	-2,144.31	167.94	1,354.35	1,092.05	262.30	5.163	
7,100.00	6,898.92	6,879.92	6,879.92	23.27	242.02	-17.15	-2,144.31	167.94	1,326.33	1,060.52	265.80	4.990	
7,200.00	6,990.18	6,971.18	6,971.18	23.33	245.26	-30.08	-2,144.31	167.94	1,288.77	1,019.71	269.07	4.790	
7,300.00	7,074.65	7,055.65	7,055.65	23.34	248.25	-40.21	-2,144.31	167.94	1,243.05	971.02	272.03	4.570	
7,400.00	7,150.25	7,131.25	7,131.25	23.30	250.93	-49.91	-2,144.31	167.94	1,191.05	916.44	274.61	4.337	
7,500.00	7,215.10	7,203.90	7,196.10	23.24	253.50	-59.81	-2,144.31	167.94	1,135.24	858.22	277.02	4.098	
7,600.00	7,267.63	7,248.63	7,248.63	23.15	255.09	-69.57	-2,144.31	167.94	1,078.59	800.19	278.40	3.874	
7,700.00	7,306.52	7,287.52	7,287.52	23.04	256.46	-78.33	-2,144.31	167.94	1,024.43	744.89	279.53	3.665	
7,800.00	7,330.84	7,311.84	7,311.84	22.92	257.33	-85.22	-2,144.31	167.94	976.30	696.14	280.16	3.485	
7,900.00	7,339.97	7,320.97	7,320.97	22.81	257.65	-89.71	-2,144.31	167.94	937.55	657.24	280.31	3.345	
8,000.00	7,339.23	7,320.23	7,320.23	22.72	257.62	-90.12	-2,144.31	167.94	909.77	629.50	280.27	3.246	
8,100.00	7,338.31	7,319.31	7,319.31	22.74	257.59	-90.06	-2,144.31	167.94	892.41	611.98	280.44	3.182	
8,200.00	7,337.40	7,318.40	7,318.40	22.95	257.56	-90.00	-2,144.31	167.94	886.07	605.24	280.83	3.155	
8,206.39	7,337.34	7,318.34	7,318.34	22.97	257.56	-90.00	-2,144.31	167.94	886.05	605.18	280.87	3.155 CC, ES, SF	
8,300.00	7,336.48	7,317.48	7,317.48	23.46	257.53	-89.94	-2,144.31	167.94	890.98	609.56	281.42	3.166	
8,400.00	7,335.57	7,316.57	7,316.57	24.21	257.49	-89.89	-2,144.31	167.94	906.95	624.81	282.14	3.215	
8,500.00	7,334.65	7,315.65	7,315.65	25.11	257.46	-89.83	-2,144.31	167.94	933.43	650.51	282.92	3.299	
8,600.00	7,333.73	7,314.73	7,314.73	26.11	257.43	-89.77	-2,144.31	167.94	969.54	685.86	283.68	3.418	
8,700.00	7,332.82	7,313.82	7,313.82	27.17	257.40	-89.71	-2,144.31	167.94	1,014.26	729.87	284.39	3.566	
8,800.00	7,331.90	7,312.90	7,312.90	28.30	257.36	-89.65	-2,144.31	167.94	1,066.50	781.49	285.01	3.742	
8,900.00	7,330.99	7,311.99	7,311.99	29.48	257.33	-89.59	-2,144.31	167.94	1,125.23	839.68	285.55	3.941	
9,000.00	7,330.07	7,311.07	7,311.07	30.71	257.30	-89.53	-2,144.31	167.94	1,189.48	903.47	286.00	4.159	
9,100.00	7,329.16	7,310.16	7,310.16	31.97	257.27	-89.47	-2,144.31	167.94	1,258.40	972.02	286.37	4.394	
9,200.00	7,328.24	7,309.24	7,309.24	33.27	257.23	-89.41	-2,144.31	167.94	1,331.27	1,044.59	286.68	4.644	
9,300.00	7,327.32	7,308.32	7,308.32	34.60	257.20	-89.35	-2,144.31	167.94	1,407.47	1,120.55	286.92	4.905	
9,400.00	7,326.41	7,307.41	7,307.41	35.96	257.17	-89.29	-2,144.31	167.94	1,486.50	1,199.38	287.12	5.177	
9,500.00	7,325.49	7,306.49	7,306.49	37.35	257.14	-89.23	-2,144.31	167.94	1,567.92	1,280.64	287.28	5.458	
9,600.00	7,324.58	7,305.58	7,305.58	38.75	257.10	-89.17	-2,144.31	167.94	1,651.39	1,363.98	287.41	5.746	
9,700.00	7,323.66	7,304.66	7,304.66	40.17	257.07	-89.12	-2,144.31	167.94	1,736.60	1,449.09	287.51	6.040	
9,800.00	7,322.75	7,303.75	7,303.75	41.62	257.04	-89.06	-2,144.31	167.94	1,823.31	1,535.72	287.60	6.340	
9,900.00	7,321.83	7,302.83	7,302.83	43.07	257.01	-89.00	-2,144.31	167.94	1,911.33	1,623.66	287.66	6.644	
10,000.00	7,320.91	7,301.91	7,301.91	44.55	256.97	-88.94	-2,144.31	167.94	2,000.47	1,712.75	287.72	6.953	
10,100.00	7,320.00	7,301.00	7,301.00	46.03	256.94	-88.88	-2,144.31	167.94	2,090.59	1,802.83	287.76	7.265	
10,200.00	7,319.08	7,300.08	7,300.08	47.53	256.91	-88.82	-2,144.31	167.94	2,181.57	1,893.78	287.79	7.580	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	
10,300.00	7,318.17	7,300.83	7,299.17	49.04	256.94	-88.76	-2,144.31	167.94	2,273.31	1,985.43	287.88	7.897	
10,400.00	7,317.25	7,301.75	7,298.25	50.56	256.97	-88.70	-2,144.31	167.94	2,365.72	2,077.75	287.97	8.215	
10,500.00	7,316.34	7,302.66	7,297.34	52.09	257.00	-88.64	-2,144.31	167.94	2,458.72	2,170.67	288.05	8.536	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
0.00	0.00	0.00	0.00	3.28	3.28	176.00	-1,831.74	128.18	1,836.25					
100.00	100.00	110.05	110.05	3.28	3.28	176.00	-1,831.12	128.00	1,835.70	1,828.35	7.36	249.543		
200.00	200.00	208.08	208.07	3.31	3.30	176.01	-1,830.12	127.63	1,834.67	1,827.27	7.39	248.108		
300.00	299.99	304.98	304.97	3.35	3.33	40.28	-1,829.21	127.54	1,832.87	1,825.40	7.46	245.539		
400.00	399.88	400.42	400.40	3.41	3.37	40.42	-1,828.48	127.76	1,828.66	1,821.09	7.56	241.730		
500.00	499.55	492.00	491.99	3.49	3.42	40.65	-1,828.09	127.92	1,822.15	1,814.45	7.70	236.659		
600.00	598.89	597.31	597.29	3.60	3.49	41.01	-1,827.75	127.99	1,813.11	1,805.22	7.88	230.034		
700.00	697.76	681.99	681.97	3.75	3.55	41.43	-1,827.62	128.07	1,801.66	1,793.58	8.08	222.858		
800.00	796.05	774.52	774.50	3.95	3.63	41.97	-1,828.07	128.12	1,788.30	1,779.97	8.33	214.628		
900.00	893.63	878.91	878.89	4.19	3.73	42.69	-1,828.56	128.11	1,772.47	1,763.84	8.64	205.206		
1,000.00	990.55	972.55	972.53	4.48	3.83	43.31	-1,828.77	128.31	1,754.43	1,745.46	8.98	195.451		
1,100.00	1,087.39	1,072.23	1,072.21	4.81	3.94	43.88	-1,829.17	128.24	1,736.50	1,727.15	9.35	185.672		
1,200.00	1,184.23	1,170.24	1,170.22	5.17	4.06	44.47	-1,829.34	127.70	1,718.50	1,708.74	9.76	176.092		
1,300.00	1,281.07	1,266.62	1,266.59	5.55	4.19	45.06	-1,829.53	127.33	1,700.71	1,690.52	10.19	166.871		
1,400.00	1,377.91	1,368.45	1,368.43	5.95	4.32	45.69	-1,829.64	127.30	1,683.02	1,672.37	10.66	157.928		
1,500.00	1,474.75	1,465.31	1,465.28	6.36	4.46	46.30	-1,829.48	126.98	1,665.26	1,654.12	11.14	149.515		
1,600.00	1,571.59	1,560.69	1,560.66	6.79	4.60	46.93	-1,829.43	126.37	1,647.81	1,636.17	11.64	141.609		
1,700.00	1,668.44	1,658.50	1,658.47	7.23	4.75	47.59	-1,829.39	125.71	1,630.58	1,618.42	12.16	134.136		
1,800.00	1,765.28	1,748.52	1,748.49	7.67	4.89	48.20	-1,829.40	125.35	1,613.60	1,600.92	12.68	127.253		
1,900.00	1,862.12	1,838.35	1,838.31	7.92	5.04	48.83	-1,829.99	124.70	1,597.48	1,584.64	12.84	124.381		
2,000.00	1,958.96	1,941.14	1,941.10	7.98	5.21	49.56	-1,830.65	124.05	1,581.57	1,568.49	13.07	120.963		
2,100.00	2,055.80	2,040.87	2,040.83	8.06	5.38	50.29	-1,830.79	123.27	1,565.42	1,552.09	13.33	117.475		
2,200.00	2,152.64	2,134.98	2,134.94	8.16	5.54	51.00	-1,831.10	122.26	1,549.73	1,536.14	13.59	114.028		
2,300.00	2,249.48	2,237.27	2,237.21	8.28	5.72	51.79	-1,831.25	121.19	1,534.13	1,520.24	13.89	110.434		
2,400.00	2,346.32	2,337.56	2,337.50	8.42	5.90	52.58	-1,831.03	120.06	1,518.46	1,504.25	14.21	106.848		
2,500.00	2,443.16	2,436.22	2,436.15	8.58	6.08	53.39	-1,830.67	118.54	1,502.98	1,488.43	14.55	103.303		
2,600.00	2,540.00	2,536.25	2,536.17	8.76	6.26	54.22	-1,830.06	117.41	1,487.51	1,472.60	14.91	99.774		
2,700.00	2,636.84	2,632.03	2,631.94	8.95	6.44	55.02	-1,829.50	116.58	1,472.33	1,457.05	15.28	96.361		
2,800.00	2,733.69	2,727.69	2,727.60	9.16	6.62	55.83	-1,828.92	115.65	1,457.44	1,441.78	15.67	93.025		
2,900.00	2,830.53	2,817.98	2,817.88	9.38	6.79	56.63	-1,828.55	114.37	1,443.15	1,427.09	16.06	89.845		
3,000.00	2,927.37	2,906.71	2,906.59	9.61	6.95	57.45	-1,828.55	112.65	1,429.68	1,413.21	16.47	86.799		
3,100.00	3,024.21	2,997.03	2,996.89	9.85	7.13	58.29	-1,828.96	110.72	1,417.04	1,400.15	16.90	83.862		
3,200.00	3,121.05	3,092.85	3,092.68	10.11	7.31	59.21	-1,829.59	108.47	1,405.02	1,387.67	17.35	80.992		
3,300.00	3,217.89	3,181.64	3,181.43	10.38	7.48	60.08	-1,830.33	106.02	1,393.65	1,375.85	17.80	78.304		
3,400.00	3,314.73	3,283.09	3,282.83	10.65	7.68	61.10	-1,831.32	102.97	1,382.90	1,364.62	18.29	75.629		
3,500.00	3,411.57	3,383.80	3,383.51	10.94	7.88	62.13	-1,831.93	100.23	1,372.13	1,353.35	18.78	73.054		
3,600.00	3,508.41	3,482.53	3,482.22	11.23	8.08	63.11	-1,832.55	98.39	1,361.57	1,342.28	19.29	70.601		
3,700.00	3,605.25	3,572.16	3,571.83	11.53	8.25	64.00	-1,833.39	97.16	1,351.54	1,331.76	19.78	68.328		
3,800.00	3,702.09	3,658.95	3,658.60	11.84	8.43	64.87	-1,834.73	95.68	1,342.56	1,322.29	20.28	66.209		
3,900.00	3,798.94	3,754.80	3,754.41	12.15	8.62	65.85	-1,836.73	93.84	1,334.57	1,313.77	20.80	64.154		
4,000.00	3,895.78	3,851.29	3,850.86	12.47	8.81	66.85	-1,838.45	91.89	1,326.77	1,305.43	21.34	62.182		
4,100.00	3,992.62	3,944.91	3,944.44	12.80	9.00	67.81	-1,840.57	90.30	1,319.70	1,297.83	21.87	60.337		
4,200.00	4,089.46	4,041.36	4,040.86	13.13	9.19	68.81	-1,842.91	88.84	1,313.13	1,290.71	22.42	58.570		
4,300.00	4,186.30	4,133.27	4,132.73	13.46	9.38	69.76	-1,845.22	87.34	1,307.11	1,284.14	22.96	56.919		
4,400.00	4,283.14	4,221.52	4,220.92	13.80	9.56	70.71	-1,847.78	85.19	1,302.19	1,278.69	23.51	55.398		
4,500.00	4,379.98	4,318.70	4,318.01	14.15	9.75	71.76	-1,850.75	82.62	1,297.97	1,273.90	24.07	53.916		
4,600.00	4,476.82	4,415.51	4,414.75	14.49	9.95	72.82	-1,853.70	80.04	1,294.21	1,269.57	24.65	52.514		
4,700.00	4,573.66	4,514.66	4,513.81	14.84	10.15	73.90	-1,856.71	77.41	1,290.91	1,265.68	25.23	51.173		
4,800.00	4,670.50	4,623.30	4,622.39	15.20	10.38	75.12	-1,859.12	74.66	1,287.33	1,261.50	25.83	49.832		
4,900.00	4,767.35	4,717.83	4,716.87	15.56	10.57	76.17	-1,861.08	72.40	1,284.06	1,257.65	26.41	48.617		
5,000.00	4,864.19	4,815.99	4,814.98	15.92	10.77	77.30	-1,862.87	69.72	1,281.25	1,254.25	27.00	47.450		
5,100.00	4,961.03	4,911.60	4,910.53	16.28	10.97	78.40	-1,864.54	66.92	1,279.01	1,251.42	27.59	46.359		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
5,200.00	5,057.87	5,017.06	5,015.95	16.64	11.19	79.61	-1,866.19	64.25	1,276.92	1,248.72	28.20	45.280		
5,300.00	5,154.71	5,118.82	5,117.68	17.01	11.40	80.79	-1,867.35	61.96	1,274.85	1,246.05	28.81	44.257		
5,400.00	5,251.55	5,220.12	5,218.95	17.38	11.61	81.97	-1,867.99	59.77	1,272.87	1,243.46	29.41	43.279		
5,500.00	5,348.39	5,314.53	5,313.34	17.75	11.81	83.07	-1,868.61	57.81	1,271.37	1,241.37	30.00	42.377		
5,600.00	5,445.23	5,410.06	5,408.85	18.13	12.01	84.19	-1,869.36	55.80	1,270.53	1,239.93	30.60	41.526		
5,695.27	5,537.50	5,501.52	5,500.28	18.48	12.20	85.25	-1,870.15	53.86	1,270.27	1,239.10	31.16	40.761		
5,700.00	5,542.07	5,506.09	5,504.85	18.50	12.21	85.31	-1,870.19	53.77	1,270.27	1,239.08	31.19	40.724		
5,800.00	5,638.91	5,602.87	5,601.60	18.88	12.41	86.43	-1,871.07	51.75	1,270.55	1,238.76	31.79	39.967		
5,900.00	5,735.75	5,693.90	5,692.60	19.26	12.61	87.50	-1,871.84	49.50	1,271.57	1,239.19	32.37	39.278		
6,000.00	5,832.60	5,798.06	5,796.73	19.64	12.82	88.73	-1,872.62	46.89	1,273.07	1,240.08	32.99	38.591		
6,100.00	5,929.44	5,902.28	5,900.93	20.02	13.04	89.94	-1,873.13	44.96	1,274.49	1,240.89	33.60	37.928		
6,200.00	6,026.28	6,003.31	6,001.95	20.40	13.26	91.11	-1,873.44	43.56	1,275.98	1,241.78	34.21	37.300		
6,300.00	6,123.12	6,110.04	6,108.67	20.79	13.48	92.33	-1,873.43	42.60	1,277.43	1,242.61	34.82	36.682		
6,400.00	6,219.96	6,205.01	6,203.64	21.17	13.68	93.42	-1,873.15	41.86	1,279.12	1,243.71	35.41	36.121		
6,500.00	6,316.80	6,301.73	6,300.36	21.56	13.88	94.53	-1,872.84	41.07	1,281.34	1,245.34	36.00	35.591		
6,600.00	6,413.64	6,401.04	6,399.66	21.94	14.09	95.67	-1,872.37	40.27	1,283.97	1,247.37	36.59	35.086		
6,700.00	6,510.48	6,499.54	6,498.15	22.33	14.30	96.80	-1,871.64	39.50	1,286.94	1,249.75	37.18	34.611		
6,800.00	6,607.32	6,595.24	6,593.85	22.72	14.50	97.73	-1,870.65	38.59	1,290.38	1,252.62	37.76	34.172		
6,900.00	6,705.10	6,693.21	6,691.80	22.99	14.70	60.54	-1,869.35	37.44	1,287.75	1,249.53	38.22	33.690		
7,000.00	6,803.10	6,794.14	6,792.71	23.16	14.91	18.63	-1,867.87	36.33	1,272.28	1,233.68	38.60	32.959		
7,100.00	6,898.92	6,892.99	6,891.55	23.27	15.12	-3.10	-1,866.49	35.58	1,243.98	1,205.06	38.92	31.963		
7,200.00	6,990.18	6,971.91	6,970.46	23.33	15.28	-15.05	-1,865.83	34.97	1,204.00	1,164.86	39.14	30.761		
7,300.00	7,074.65	7,052.18	7,050.73	23.34	15.45	-24.18	-1,865.77	33.90	1,153.90	1,114.58	39.32	29.345		
7,400.00	7,150.25	7,128.64	7,127.18	23.30	15.78	-33.34	-1,865.76	32.85	1,094.51	1,054.89	39.62	27.624		
7,500.00	7,215.10	7,205.48	7,193.06	23.24	16.42	-43.81	-1,865.75	31.94	1,027.89	987.69	40.20	25.569		
7,600.00	7,267.63	7,248.20	7,246.73	23.15	17.05	-55.91	-1,865.75	31.20	956.68	915.95	40.72	23.492		
7,700.00	7,306.52	7,288.36	7,286.88	23.04	17.64	-68.70	-1,865.74	30.65	884.07	842.89	41.17	21.473		
7,800.00	7,330.84	7,314.00	7,312.53	22.92	18.09	-80.25	-1,865.74	30.29	813.77	772.32	41.45	19.635		
7,900.00	7,339.97	7,324.50	7,323.02	22.81	18.30	-88.83	-1,865.74	30.15	749.92	708.45	41.47	18.084		
8,000.00	7,339.23	7,325.14	7,323.66	22.72	18.31	-89.86	-1,865.74	30.14	695.73	654.37	41.36	16.822		
8,100.00	7,338.31	7,325.61	7,324.13	22.74	18.32	-89.91	-1,865.74	30.13	652.49	611.07	41.41	15.755		
8,200.00	7,337.40	7,326.07	7,324.59	22.95	18.33	-89.95	-1,865.74	30.13	622.45	580.74	41.71	14.925		
8,300.00	7,336.48	7,326.53	7,325.05	23.46	18.34	-90.00	-1,865.74	30.12	607.57	565.32	42.25	14.381		
8,341.50	7,336.10	7,326.72	7,325.24	23.76	18.34	-90.01	-1,865.74	30.12	606.15	563.61	42.55	14.247 CC, ES		
8,400.00	7,335.57	7,327.00	7,325.52	24.21	18.35	-90.04	-1,865.74	30.11	608.97	565.99	42.98	14.169 SF		
8,500.00	7,334.65	7,327.46	7,325.98	25.11	18.36	-90.08	-1,865.74	30.11	626.53	582.76	43.78	14.312		
8,600.00	7,333.73	7,327.92	7,326.44	26.11	18.37	-90.13	-1,865.74	30.10	658.97	614.46	44.52	14.803		
8,700.00	7,332.82	7,328.38	7,326.90	27.17	18.38	-90.17	-1,865.74	30.09	704.23	659.10	45.13	15.605		
8,800.00	7,331.90	7,328.85	7,327.37	28.30	18.38	-90.21	-1,865.74	30.09	760.03	714.43	45.60	16.669		
8,900.00	7,330.99	7,329.31	7,327.83	29.48	18.39	-90.26	-1,865.74	30.08	824.22	778.29	45.93	17.944		
9,000.00	7,330.07	7,329.77	7,328.29	30.71	18.40	-90.30	-1,865.74	30.08	895.01	848.84	46.17	19.386		
9,100.00	7,329.16	7,330.24	7,328.76	31.97	18.41	-90.35	-1,865.74	30.07	970.95	924.62	46.33	20.957		
9,200.00	7,328.24	7,330.70	7,329.22	33.27	18.42	-90.39	-1,865.74	30.06	1,050.92	1,004.48	46.44	22.631		
9,300.00	7,327.32	7,331.16	7,329.68	34.60	18.43	-90.43	-1,865.74	30.06	1,134.08	1,087.57	46.51	24.384		
9,400.00	7,326.41	7,331.62	7,330.14	35.96	18.44	-90.48	-1,865.74	30.05	1,219.77	1,173.21	46.56	26.200		
9,500.00	7,325.49	7,332.09	7,330.61	37.35	18.45	-90.52	-1,865.74	30.04	1,307.49	1,260.90	46.59	28.065		
9,600.00	7,324.58	7,332.55	7,331.07	38.75	18.46	-90.56	-1,865.74	30.04	1,396.86	1,350.25	46.61	29.970		
9,700.00	7,323.66	7,333.01	7,331.53	40.17	18.47	-90.61	-1,865.74	30.03	1,487.59	1,440.96	46.62	31.907		
9,800.00	7,322.75	7,333.48	7,332.00	41.62	18.48	-90.65	-1,865.74	30.02	1,579.43	1,532.80	46.63	33.870		
9,900.00	7,321.83	7,333.94	7,332.46	43.07	18.49	-90.70	-1,865.74	30.02	1,672.22	1,625.57	46.64	35.853		
10,000.00	7,320.91	7,334.40	7,332.92	44.55	18.50	-90.74	-1,865.74	30.01	1,765.79	1,719.14	46.65	37.852		
10,100.00	7,320.00	7,334.87	7,333.38	46.03	18.51	-90.78	-1,865.74	30.00	1,860.02	1,813.37	46.66	39.865		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	
10,200.00	7,319.08	7,335.33	7,333.85	47.53	18.51	-90.83	-1,865.74	30.00	1,954.84	1,908.17	46.67	41.888	
10,300.00	7,318.17	7,335.79	7,334.31	49.04	18.52	-90.87	-1,865.74	29.99	2,050.14	2,003.46	46.68	43.920	
10,400.00	7,317.25	7,336.25	7,334.77	50.56	18.53	-90.91	-1,865.74	29.99	2,145.87	2,099.18	46.69	45.959	
10,500.00	7,316.34	7,336.72	7,335.24	52.09	18.54	-90.96	-1,865.74	29.98	2,241.98	2,195.27	46.71	48.002	
10,600.00	7,315.42	7,337.18	7,335.70	53.62	18.55	-91.00	-1,865.74	29.97	2,338.41	2,291.69	46.72	50.049	
10,700.00	7,314.50	7,337.64	7,336.16	55.17	18.56	-91.05	-1,865.74	29.97	2,435.13	2,388.39	46.74	52.098	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	3.29	9.79	947.56	163.47	961.56							
100.00	100.00	123.00	123.00	3.28	3.87	9.79	947.56	163.47	961.56	953.44	8.12	118.465				
106.71	106.71	129.71	129.71	3.28	4.00	9.79	947.56	163.47	961.56	953.31	8.25	116.567	CC			
200.00	200.00	222.82	222.82	3.31	6.15	9.79	947.56	163.49	961.56	951.14	10.42	92.288				
300.00	299.99	322.81	322.81	3.35	7.89	-126.00	947.54	163.83	962.26	950.06	12.20	78.876				
400.00	399.88	422.88	422.88	3.41	10.73	-126.18	947.54	163.86	964.93	949.83	15.10	63.908				
500.00	499.55	517.84	517.84	3.49	13.88	-126.46	947.71	163.86	969.87	951.54	18.33	52.907				
600.00	598.89	619.94	619.94	3.60	17.36	-126.91	948.21	163.85	977.25	955.33	21.92	44.583				
700.00	697.76	720.76	720.76	3.75	20.84	-127.46	948.24	163.85	986.38	960.84	25.54	38.615				
800.00	796.05	818.05	818.05	3.95	23.28	-128.11	948.30	163.64	997.81	969.65	28.16	35.430				
900.00	893.63	916.21	916.20	4.19	25.44	-128.89	948.46	163.07	1,011.70	981.16	30.53	33.134				
1,000.00	990.55	1,012.53	1,012.52	4.48	27.18	-129.84	948.52	162.99	1,027.66	995.13	32.53	31.592				
1,100.00	1,087.39	1,115.31	1,115.31	4.81	27.19	-130.97	948.38	162.31	1,043.94	1,011.14	32.80	31.829				
1,200.00	1,184.23	1,214.50	1,214.49	5.17	27.19	-132.04	947.87	161.34	1,060.18	1,027.09	33.09	32.041				
1,300.00	1,281.07	1,310.35	1,310.33	5.55	27.20	-133.05	947.32	160.38	1,076.72	1,043.33	33.40	32.242				
1,400.00	1,377.91	1,408.28	1,408.26	5.95	27.21	-134.06	946.74	159.21	1,093.58	1,059.86	33.72	32.435				
1,500.00	1,474.75	1,506.05	1,506.01	6.36	27.22	-135.04	946.01	157.92	1,110.60	1,076.55	34.05	32.620				
1,600.00	1,571.59	1,598.48	1,598.43	6.79	27.23	-135.95	945.49	156.61	1,128.11	1,093.73	34.38	32.809				
1,700.00	1,668.44	1,690.12	1,690.06	7.23	27.25	-136.80	945.37	155.85	1,146.33	1,111.60	34.73	33.009				
1,800.00	1,765.28	1,784.02	1,783.96	7.67	27.26	-137.63	945.64	155.34	1,165.21	1,130.13	35.08	33.218				
1,900.00	1,862.12	1,886.69	1,886.63	7.92	27.29	-138.49	945.77	154.95	1,184.16	1,149.26	34.90	33.931				
2,000.00	1,958.96	1,989.72	1,989.66	7.98	27.31	-139.32	945.33	154.94	1,202.79	1,167.85	34.94	34.422				
2,100.00	2,055.80	2,086.82	2,086.76	8.06	27.33	-140.09	944.61	154.73	1,221.35	1,186.34	35.01	34.891				
2,200.00	2,152.64	2,181.96	2,181.90	8.16	27.36	-140.81	944.08	154.65	1,240.28	1,205.19	35.09	35.349				
2,300.00	2,249.48	2,284.17	2,284.11	8.28	27.39	-141.56	943.43	154.53	1,259.34	1,224.15	35.19	35.786				
2,400.00	2,346.32	2,394.57	2,394.49	8.42	27.43	-142.35	941.89	154.68	1,277.82	1,242.51	35.31	36.186				
2,500.00	2,443.16	2,513.73	2,513.61	8.58	27.47	-143.15	938.76	155.40	1,295.26	1,259.81	35.45	36.540				
2,600.00	2,540.00	2,688.77	2,688.17	8.76	27.54	-144.26	926.49	158.04	1,308.05	1,272.53	35.52	36.822				
2,700.00	2,636.84	2,896.85	2,894.17	8.95	27.66	-145.55	898.22	163.19	1,314.71	1,279.30	35.41	37.130				
2,800.00	2,733.69	2,961.40	2,957.83	9.16	27.70	-145.97	887.60	164.42	1,318.90	1,283.18	35.72	36.923				
2,900.00	2,830.53	3,092.40	3,087.13	9.38	27.79	-146.82	866.77	166.82	1,323.96	1,288.13	35.83	36.953				
3,000.00	2,927.37	3,212.83	3,205.38	9.61	27.89	-147.59	844.16	169.78	1,325.99	1,290.01	35.98	36.854				
3,100.00	3,024.21	3,295.37	3,286.44	9.85	27.96	-148.12	828.77	171.92	1,328.41	1,292.13	36.28	36.613				
3,200.00	3,121.05	3,368.24	3,358.24	10.11	28.02	-148.52	816.68	174.90	1,332.68	1,296.06	36.62	36.390				
3,300.00	3,217.89	3,435.79	3,425.03	10.38	28.08	-148.87	807.01	177.83	1,339.23	1,302.26	36.97	36.223				
3,400.00	3,314.73	3,542.97	3,531.18	10.65	28.17	-149.39	793.07	182.84	1,347.11	1,309.88	37.23	36.184				
3,500.00	3,411.57	3,675.96	3,662.48	10.94	28.32	-149.98	773.51	190.68	1,353.08	1,315.64	37.43	36.146				
3,600.00	3,508.41	3,824.30	3,808.27	11.23	28.50	-150.62	748.00	200.60	1,356.68	1,319.10	37.58	36.101				
3,700.00	3,605.25	3,976.10	3,956.19	11.53	28.74	-151.36	715.34	210.33	1,355.96	1,318.27	37.69	35.979				
3,800.00	3,702.09	4,087.22	4,063.81	11.84	28.94	-151.93	688.65	217.49	1,352.90	1,314.93	37.97	35.634				
3,900.00	3,798.94	4,153.28	4,127.89	12.15	29.05	-152.28	673.09	221.53	1,350.70	1,312.25	38.45	35.129				
3,917.28	3,815.67	4,162.59	4,136.96	12.21	29.07	-152.33	671.08	222.06	1,350.65	1,312.11	38.54	35.045				
4,000.00	3,895.78	4,209.00	4,182.36	12.47	29.14	-152.57	661.83	224.61	1,351.83	1,312.88	38.95	34.704				
4,100.00	3,992.62	4,282.39	4,254.50	12.80	29.25	-152.92	648.92	228.67	1,355.63	1,316.26	39.38	34.426				
4,200.00	4,089.46	4,363.02	4,333.96	13.13	29.37	-153.27	636.14	233.45	1,361.11	1,321.33	39.78	34.216				
4,300.00	4,186.30	4,452.70	4,422.51	13.46	29.51	-153.65	622.94	238.71	1,367.76	1,327.60	40.16	34.057				
4,400.00	4,283.14	4,558.59	4,527.09	13.80	29.68	-154.13	607.24	244.13	1,374.65	1,334.13	40.51	33.931				
4,500.00	4,379.98	4,660.40	4,627.54	14.15	29.86	-154.62	591.30	248.70	1,381.01	1,340.13	40.88	33.780				
4,600.00	4,476.82	4,748.34	4,714.35	14.49	30.01	-155.06	577.66	252.13	1,387.81	1,346.53	41.28	33.617				
4,700.00	4,573.66	4,837.32	4,802.31	14.84	30.17	-155.47	564.87	256.11	1,395.59	1,353.90	41.69	33.479				
4,800.00	4,670.50	4,938.71	4,902.59	15.20	30.35	-155.98	550.23	259.37	1,403.82	1,361.75	42.07	33.369				
4,900.00	4,767.35	5,055.61	5,018.03	15.56	30.57	-156.60	532.12	262.43	1,411.39	1,368.96	42.44	33.260				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	4,864.19	5,144.56	5,105.80	15.92	30.75	-157.08	517.85	264.48	1,418.67	1,375.81	42.86	33.103		
5,100.00	4,961.03	5,248.33	5,208.25	16.28	30.95	-157.64	501.55	266.94	1,426.36	1,383.11	43.25	32.977		
5,200.00	5,057.87	5,344.25	5,302.95	16.64	31.14	-158.12	486.56	269.77	1,434.03	1,390.36	43.67	32.838		
5,300.00	5,154.71	5,457.84	5,414.94	17.01	31.38	-158.69	467.91	273.53	1,440.87	1,396.80	44.07	32.697		
5,400.00	5,251.55	5,519.19	5,475.55	17.38	31.51	-158.99	458.61	275.40	1,449.14	1,404.60	44.54	32.536		
5,500.00	5,348.39	5,619.78	5,575.16	17.75	31.71	-159.45	444.93	278.21	1,459.06	1,414.09	44.96	32.451		
5,600.00	5,445.23	5,710.70	5,665.20	18.13	31.89	-159.84	432.71	281.47	1,468.89	1,423.50	45.40	32.357		
5,700.00	5,542.07	5,801.46	5,755.16	18.50	32.07	-160.21	421.24	285.00	1,479.41	1,433.58	45.83	32.280		
5,800.00	5,638.91	5,905.50	5,858.30	18.88	32.28	-160.64	407.99	288.39	1,490.17	1,443.91	46.26	32.210		
5,900.00	5,735.75	6,054.29	6,005.22	19.26	32.63	-161.32	385.05	293.19	1,498.32	1,451.65	46.67	32.106		
6,000.00	5,832.60	6,147.85	6,097.45	19.64	32.86	-161.76	369.58	296.11	1,505.87	1,458.74	47.13	31.952		
6,100.00	5,929.44	6,309.82	6,256.62	20.02	33.29	-162.58	340.05	300.31	1,512.57	1,465.06	47.51	31.840		
6,200.00	6,026.28	6,761.00	6,676.27	20.40	35.27	-166.43	184.05	304.33	1,502.96	1,456.20	46.76	32.142		
6,300.00	6,123.12	6,813.21	6,719.50	20.79	35.59	-167.39	156.20	295.44	1,485.60	1,437.90	47.70	31.145		
6,400.00	6,219.96	6,854.00	6,752.78	21.17	35.85	-168.24	134.92	285.30	1,472.90	1,424.23	48.66	30.267		
6,500.00	6,316.80	6,881.33	6,774.84	21.56	36.00	-168.85	121.04	277.08	1,464.94	1,415.32	49.62	29.526		
6,600.00	6,413.64	6,912.37	6,799.74	21.94	36.18	-169.57	105.78	266.57	1,462.05	1,411.56	50.49	28.957		
6,606.19	6,419.64	6,914.25	6,801.24	21.97	36.19	-169.61	104.87	265.89	1,462.04	1,411.50	50.54	28.927		
6,700.00	6,510.48	6,948.00	6,828.06	22.33	36.38	-170.42	88.97	252.98	1,464.36	1,413.07	51.30	28.546		
6,800.00	6,607.32	6,948.00	6,828.06	22.72	36.38	-170.61	88.97	252.98	1,472.35	1,420.47	51.88	28.380		
6,900.00	6,705.10	6,997.34	6,866.33	22.99	36.64	149.55	66.86	231.10	1,480.31	1,427.76	52.54	28.174		
7,000.00	6,803.10	7,043.00	6,900.33	23.16	36.89	106.54	47.62	207.48	1,485.23	1,432.23	53.00	28.025		
7,100.00	6,898.92	7,043.00	6,900.33	23.27	36.89	86.10	47.62	207.48	1,485.56	1,432.66	52.91	28.080		
7,200.00	6,990.18	7,079.71	6,926.63	23.33	37.06	76.48	33.36	186.21	1,481.72	1,428.69	53.03	27.940		
7,300.00	7,074.65	7,137.00	6,965.80	23.34	37.34	71.55	14.06	149.17	1,474.88	1,421.74	53.14	27.752		
7,400.00	7,150.25	7,137.00	6,965.80	23.30	37.34	69.58	14.06	149.17	1,461.51	1,408.92	52.59	27.791		
7,500.00	7,215.10	7,137.00	6,965.80	23.24	37.34	68.88	14.06	149.17	1,445.82	1,393.83	52.00	27.806		
7,600.00	7,267.63	7,175.71	6,990.47	23.15	37.48	69.25	3.58	121.27	1,425.68	1,373.75	51.94	27.450		
7,700.00	7,306.52	7,231.00	7,022.11	23.04	37.71	70.73	-6.66	77.17	1,405.11	1,352.83	52.28	26.878		
7,800.00	7,330.84	7,231.00	7,022.11	22.92	37.71	72.47	-6.66	77.17	1,378.46	1,326.40	52.06	26.479		
7,900.00	7,339.97	7,231.00	7,022.11	22.81	37.71	74.57	-6.66	77.17	1,351.37	1,299.29	52.09	25.944		
8,000.00	7,339.23	7,266.58	7,040.68	22.72	37.80	75.68	-10.56	47.08	1,325.43	1,272.64	52.79	25.106		
8,100.00	7,338.31	7,295.61	7,055.38	22.74	37.89	76.31	-12.49	22.12	1,304.77	1,251.23	53.53	24.374		
8,200.00	7,337.40	7,326.13	7,070.36	22.95	38.00	76.97	-13.29	-4.45	1,289.57	1,235.18	54.39	23.710		
8,300.00	7,336.48	7,436.02	7,112.99	23.46	38.48	78.85	-17.40	-105.44	1,277.56	1,221.05	56.51	22.608		
8,400.00	7,335.57	7,565.49	7,142.22	24.21	39.53	80.10	-32.28	-230.54	1,262.17	1,202.87	59.31	21.282		
8,500.00	7,334.65	7,642.91	7,152.50	25.11	41.46	80.53	-41.82	-306.66	1,248.43	1,187.27	61.16	20.411		
8,600.00	7,333.73	7,732.46	7,159.76	26.11	42.52	80.82	-52.75	-395.25	1,235.85	1,172.95	62.90	19.648		
8,700.00	7,332.82	7,823.23	7,163.87	27.17	43.16	80.98	-63.74	-485.25	1,223.98	1,159.17	64.80	18.887		
8,800.00	7,331.90	7,889.08	7,164.67	28.30	43.70	80.99	-71.19	-550.67	1,213.55	1,147.09	66.46	18.260		
8,900.00	7,330.99	7,949.30	7,164.69	29.48	44.25	80.99	-75.94	-610.69	1,206.51	1,138.42	68.09	17.720		
9,000.00	7,330.07	8,038.23	7,165.16	30.71	45.18	81.02	-81.16	-699.47	1,201.44	1,130.93	70.50	17.041		
9,100.00	7,329.16	8,103.36	7,165.91	31.97	45.96	81.07	-83.63	-764.54	1,198.31	1,125.77	72.54	16.520		
9,200.00	7,328.24	8,193.78	7,166.90	33.27	47.18	81.15	-85.04	-854.94	1,197.37	1,122.01	75.36	15.888		
9,300.00	7,327.32	8,288.20	7,168.13	34.60	48.64	81.24	-86.40	-949.35	1,196.58	1,118.08	78.49	15.244		
9,400.00	7,326.41	8,387.30	7,170.06	35.96	50.37	81.38	-87.23	-1,048.43	1,196.27	1,114.31	81.96	14.596		
9,500.00	7,325.49	8,495.41	7,171.34	37.35	52.49	81.48	-88.66	-1,156.51	1,195.62	1,109.72	85.90	13.919		
9,600.00	7,324.58	8,587.45	7,169.95	38.75	54.46	81.45	-90.34	-1,248.53	1,194.86	1,105.47	89.40	13.366		
9,700.00	7,323.66	8,691.90	7,170.11	40.17	56.84	81.50	-91.73	-1,352.96	1,194.35	1,100.86	93.49	12.775		
9,780.52	7,322.92	8,763.51	7,171.79	41.34	58.57	81.61	-92.35	-1,424.55	1,194.06	1,097.63	96.43	12.383		
9,800.00	7,322.75	8,780.86	7,172.32	41.62	58.99	81.65	-92.40	-1,441.89	1,194.07	1,096.93	97.14	12.292		
9,900.00	7,321.83	8,884.59	7,174.61	43.07	61.59	81.81	-92.87	-1,545.58	1,194.14	1,092.69	101.46	11.770		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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					Warning	
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
9,908.14	7,321.76	8,893.12	7,174.68	43.19	61.81	81.81	-92.94	-1,554.12	1,194.13	1,092.32	101.81	11.729	
10,000.00	7,320.91	8,976.14	7,176.15	44.55	63.98	81.92	-93.19	-1,637.13	1,194.39	1,089.02	105.37	11.336	
10,100.00	7,320.00	9,083.63	7,176.44	46.03	66.87	81.99	-93.76	-1,744.61	1,194.66	1,084.68	109.98	10.863	
10,100.33	7,320.00	9,081.80	7,176.50	46.04	66.83	81.99	-93.72	-1,742.77	1,194.67	1,084.76	109.91	10.869	
10,200.00	7,319.08	9,171.94	7,175.59	47.53	69.32	81.99	-94.13	-1,832.91	1,195.20	1,081.34	113.86	10.497	
10,300.00	7,318.17	9,259.41	7,175.07	49.04	71.79	82.01	-93.65	-1,920.38	1,196.66	1,078.92	117.74	10.164	
10,400.00	7,317.25	9,358.70	7,174.54	50.56	74.64	82.04	-92.55	-2,019.65	1,198.67	1,076.49	122.18	9.811	
10,500.00	7,316.34	9,444.81	7,173.94	52.09	77.15	82.07	-91.05	-2,105.75	1,201.31	1,075.23	126.08	9.528	
10,600.00	7,315.42	9,568.67	7,173.42	53.62	80.82	82.12	-88.39	-2,229.58	1,204.53	1,072.80	131.73	9.144	
10,700.00	7,314.50	9,738.06	7,177.71	55.17	85.95	82.36	-94.85	-2,398.77	1,200.13	1,060.80	139.33	8.614	
10,800.00	7,313.59	9,861.75	7,178.87	56.72	89.76	82.43	-102.95	-2,522.17	1,194.30	1,049.39	144.91	8.242	
10,900.00	7,312.67	9,964.63	7,177.54	58.28	92.96	82.37	-110.91	-2,624.73	1,187.64	1,037.98	149.65	7.936	
11,000.00	7,311.76	10,065.18	7,175.40	59.84	96.11	82.26	-119.03	-2,724.92	1,180.76	1,026.44	154.32	7.651	
11,100.00	7,310.84	10,151.09	7,173.18	61.41	98.81	82.15	-125.74	-2,810.55	1,174.24	1,015.80	158.44	7.411	
11,200.00	7,309.93	10,224.77	7,173.32	62.99	101.14	82.17	-129.78	-2,884.11	1,169.63	1,007.53	162.10	7.215	
11,300.00	7,309.01	10,301.00	7,173.06	64.57	103.56	82.18	-132.03	-2,960.30	1,167.50	1,001.67	165.83	7.040	
11,392.83	7,308.16	10,377.33	7,171.78	66.04	105.99	82.15	-133.10	-3,036.61	1,167.14	997.65	169.50	6.886	
11,400.00	7,308.10	10,383.86	7,171.65	66.15	106.20	82.15	-133.17	-3,043.14	1,167.15	997.34	169.81	6.873	
11,500.00	7,307.18	10,481.36	7,169.75	67.74	109.32	82.10	-134.06	-3,140.62	1,167.34	992.88	174.46	6.691	
11,600.00	7,306.26	10,585.81	7,168.68	69.33	112.68	82.09	-134.98	-3,245.05	1,167.44	987.97	179.48	6.505	
11,610.74	7,306.17	10,597.09	7,168.68	69.50	113.04	82.10	-135.09	-3,256.34	1,167.43	987.41	180.02	6.485	
11,700.00	7,305.35	10,674.55	7,168.08	70.93	115.54	82.11	-135.48	-3,333.79	1,167.82	984.05	183.77	6.355	
11,800.00	7,304.43	10,779.59	7,168.57	72.53	118.94	82.18	-135.59	-3,438.83	1,168.49	979.60	188.89	6.186	
11,900.00	7,303.52	10,873.84	7,170.72	74.13	122.00	82.34	-135.41	-3,533.05	1,169.21	975.68	193.53	6.041	
12,000.00	7,302.60	10,977.02	7,174.05	75.74	125.37	82.55	-135.00	-3,636.18	1,170.03	971.38	198.64	5.890	
12,100.00	7,301.69	11,082.59	7,174.49	77.34	128.82	82.63	-135.53	-3,741.73	1,170.31	966.49	203.82	5.742	
12,200.00	7,300.77	11,179.47	7,173.06	78.96	132.00	82.60	-136.12	-3,838.60	1,170.73	962.19	208.54	5.614	
12,300.00	7,299.85	11,303.16	7,171.38	80.57	136.06	82.57	-137.64	-3,962.27	1,170.62	956.09	214.53	5.457	
12,400.00	7,298.94	11,451.97	7,171.25	82.19	140.97	82.60	-144.47	-4,110.91	1,166.92	945.46	221.46	5.269	
12,500.00	7,298.02	11,549.52	7,171.25	83.80	144.19	82.61	-150.71	-4,208.25	1,161.41	935.15	226.26	5.133	
12,600.00	7,297.11	11,654.83	7,171.25	85.42	147.67	82.62	-157.36	-4,313.36	1,156.02	924.64	231.37	4.996	
12,700.00	7,296.19	11,718.00	7,171.25	87.05	163.44	82.62	-161.72	-4,376.38	1,150.58	902.17	248.42	4.632	
12,732.76	7,295.89	11,718.00	7,171.25	87.58	163.44	82.62	-161.72	-4,376.38	1,150.12	901.61	248.51	4.628 ES, SF	
12,800.00	7,295.28	11,718.00	7,171.25	88.67	163.44	82.62	-161.72	-4,376.38	1,152.08	903.97	248.12	4.643	
12,900.00	7,294.36	11,718.00	7,171.25	90.30	163.44	82.62	-161.72	-4,376.38	1,162.21	916.10	246.12	4.722	
13,000.00	7,293.44	11,718.00	7,171.25	91.92	163.44	82.62	-161.72	-4,376.38	1,180.76	938.21	242.55	4.868	
13,100.00	7,292.53	11,718.00	7,171.25	93.55	163.44	82.62	-161.72	-4,376.38	1,207.33	969.68	237.65	5.080	
13,200.00	7,291.61	11,718.00	7,171.25	95.18	163.44	82.62	-161.72	-4,376.38	1,241.40	1,009.73	231.68	5.358	
13,300.00	7,290.70	11,718.00	7,171.25	96.82	163.44	82.62	-161.72	-4,376.38	1,282.39	1,057.45	224.94	5.701	
13,400.00	7,289.78	11,718.00	7,171.25	98.45	163.44	82.62	-161.72	-4,376.38	1,329.65	1,111.94	217.71	6.107	
13,500.00	7,288.87	11,718.00	7,171.25	100.08	163.44	82.62	-161.72	-4,376.38	1,382.54	1,172.30	210.25	6.576	
13,600.00	7,287.95	11,718.00	7,171.25	101.72	163.44	82.62	-161.72	-4,376.38	1,440.44	1,237.70	202.74	7.105	
13,700.00	7,287.03	11,718.00	7,171.25	103.36	163.44	82.62	-161.72	-4,376.38	1,502.77	1,307.42	195.35	7.693	
13,800.00	7,286.12	11,718.00	7,171.25	105.00	163.44	82.62	-161.72	-4,376.38	1,569.00	1,380.82	188.18	8.338	
13,900.00	7,285.20	11,718.00	7,171.25	106.64	163.44	82.62	-161.72	-4,376.38	1,638.66	1,457.34	181.32	9.038	
14,000.00	7,284.29	11,718.00	7,171.25	108.28	163.44	82.62	-161.72	-4,376.38	1,711.33	1,536.53	174.80	9.790	
14,100.00	7,283.37	11,718.00	7,171.25	109.92	163.44	82.62	-161.72	-4,376.38	1,786.65	1,617.99	168.66	10.593	
14,200.00	7,282.46	11,718.00	7,171.25	111.56	163.44	82.62	-161.72	-4,376.38	1,864.28	1,701.38	162.90	11.444	
14,300.00	7,281.54	11,718.00	7,171.25	113.20	163.44	82.62	-161.72	-4,376.38	1,943.97	1,786.45	157.52	12.341	
14,400.00	7,280.63	11,718.00	7,171.25	114.85	163.44	82.62	-161.72	-4,376.38	2,025.45	1,872.95	152.51	13.281	
14,500.00	7,279.71	11,718.00	7,171.25	116.49	163.44	82.62	-161.72	-4,376.38	2,108.53	1,960.69	147.84	14.262	
14,600.00	7,278.79	11,718.00	7,171.25	118.14	163.44	82.62	-161.72	-4,376.38	2,193.02	2,049.51	143.51	15.281	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	Warning
14,700.00	7,277.88	11,718.00	7,171.25	119.79	163.44	82.62	-161.72	-4,376.38	2,278.77	2,139.27	139.50	16.336	
14,800.00	7,276.96	11,718.00	7,171.25	121.43	163.44	82.62	-161.72	-4,376.38	2,365.64	2,229.87	135.77	17.424	
14,900.00	7,276.05	11,718.00	7,171.25	123.08	163.44	82.62	-161.72	-4,376.38	2,453.51	2,321.19	132.32	18.543	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	23.00	23.00	3.28	3.29	9.27	984.00	160.69	997.03				
100.00	100.00	123.00	123.00	3.28	3.87	9.27	984.00	160.69	997.03	988.91	8.12	122.835	
200.00	200.00	223.00	223.00	3.31	6.49	9.27	984.00	160.69	997.03	986.27	10.76	92.685 CC	
300.00	299.99	322.99	322.99	3.35	9.71	-126.54	984.00	160.69	997.69	983.67	14.02	71.154	
400.00	399.88	422.88	422.88	3.41	13.10	-126.70	984.00	160.69	1,000.40	982.94	17.47	57.276 ES	
500.00	499.55	522.55	522.55	3.49	16.54	-126.99	984.00	160.69	1,005.22	984.23	20.99	47.883	
600.00	598.89	621.89	621.89	3.60	20.00	-127.40	984.00	160.69	1,012.20	987.63	24.57	41.202	
700.00	697.76	720.76	720.76	3.75	23.47	-127.91	984.00	160.69	1,021.40	993.23	28.17	36.256	
800.00	796.05	819.05	819.05	3.95	26.92	-128.53	984.00	160.69	1,032.90	1,001.10	31.80	32.480	
900.00	893.63	916.63	916.63	4.19	30.35	-129.23	984.00	160.69	1,046.80	1,011.35	35.45	29.530	
1,000.00	990.55	1,013.55	1,013.55	4.48	32.65	-130.14	984.00	160.69	1,062.81	1,024.82	37.99	27.974	
1,100.00	1,087.39	1,104.42	1,104.42	4.81	32.64	-131.05	984.33	161.08	1,079.73	1,041.47	38.25	28.226	
1,200.00	1,184.23	1,199.03	1,199.02	5.17	32.64	-131.98	984.93	161.49	1,097.21	1,058.67	38.54	28.467	
1,300.00	1,281.07	1,293.79	1,293.79	5.55	32.65	-132.88	985.70	161.95	1,115.16	1,076.31	38.85	28.706	
1,400.00	1,377.91	1,389.46	1,389.45	5.95	32.66	-133.76	986.62	162.33	1,133.53	1,094.36	39.17	28.941	
1,500.00	1,474.75	1,487.24	1,487.19	6.36	32.67	-134.53	987.55	164.64	1,152.16	1,112.66	39.50	29.170	
1,600.00	1,571.59	1,585.14	1,584.85	6.79	32.68	-135.07	988.44	171.36	1,170.91	1,131.07	39.84	29.388	
1,700.00	1,668.44	1,691.62	1,690.64	7.23	32.70	-135.41	989.11	183.33	1,189.46	1,149.25	40.21	29.582	
1,800.00	1,765.28	1,827.25	1,824.59	7.67	32.73	-135.53	987.65	204.46	1,206.38	1,165.78	40.59	29.718	
1,900.00	1,862.12	1,933.48	1,929.43	7.92	32.76	-135.62	983.91	221.22	1,220.77	1,180.33	40.44	30.186	
2,000.00	1,958.96	2,026.74	2,021.54	7.98	32.79	-135.72	980.87	235.48	1,235.45	1,194.93	40.52	30.493	
2,100.00	2,055.80	2,240.55	2,232.54	8.06	32.88	-136.05	965.19	265.62	1,246.47	1,206.05	40.43	30.832	
2,200.00	2,152.64	2,367.14	2,357.53	8.16	32.94	-136.54	948.96	277.22	1,251.88	1,211.44	40.44	30.954	
2,300.00	2,249.48	2,505.72	2,494.06	8.28	33.01	-137.32	926.41	284.31	1,253.74	1,213.35	40.39	31.038	
2,400.00	2,346.32	2,627.98	2,614.12	8.42	33.08	-138.09	903.81	288.82	1,253.63	1,213.22	40.41	31.022	
2,500.00	2,443.16	2,769.97	2,752.84	8.58	33.18	-138.94	874.15	295.05	1,251.30	1,210.97	40.32	31.032	
2,600.00	2,540.00	2,898.48	2,877.30	8.76	33.30	-139.58	843.43	303.85	1,245.77	1,205.46	40.31	30.901	
2,700.00	2,636.84	2,955.05	2,932.28	8.95	33.36	-139.89	830.52	307.17	1,241.33	1,200.55	40.78	30.443	
2,800.00	2,733.69	3,060.05	3,034.74	9.16	33.46	-140.51	808.09	312.18	1,238.82	1,197.87	40.95	30.255	
2,900.00	2,830.53	3,187.20	3,158.13	9.38	33.62	-141.25	778.17	318.82	1,234.08	1,193.08	40.99	30.105	
3,000.00	2,927.37	3,269.93	3,238.39	9.61	33.72	-141.74	758.56	323.05	1,229.37	1,188.04	41.33	29.744	
3,100.00	3,024.21	3,356.75	3,322.85	9.85	33.83	-142.26	738.94	327.44	1,225.95	1,184.30	41.65	29.433	
3,200.00	3,121.05	3,470.91	3,433.88	10.11	33.98	-142.93	713.07	333.42	1,222.56	1,180.74	41.82	29.234	
3,300.00	3,217.89	3,573.37	3,533.26	10.38	34.15	-143.50	688.96	339.81	1,218.30	1,176.23	42.08	28.955	
3,400.00	3,314.73	3,660.32	3,617.74	10.65	34.29	-143.97	669.20	345.43	1,214.91	1,172.47	42.44	28.629	
3,500.00	3,411.57	3,771.68	3,725.93	10.94	34.48	-144.60	643.64	352.05	1,211.51	1,168.85	42.66	28.401	
3,600.00	3,508.41	3,903.84	3,853.84	11.23	34.73	-145.42	611.15	358.96	1,206.79	1,164.05	42.74	28.236	
3,700.00	3,605.25	4,019.20	3,964.72	11.53	34.98	-146.18	579.82	364.58	1,199.52	1,156.59	42.93	27.941	
3,800.00	3,702.09	4,093.88	4,036.60	11.84	35.14	-146.72	559.75	367.27	1,192.94	1,149.52	43.42	27.475	
3,900.00	3,798.94	4,168.99	4,109.29	12.15	35.29	-147.27	541.00	369.63	1,188.56	1,144.67	43.90	27.077	
4,000.00	3,895.78	4,243.23	4,181.50	12.47	35.44	-147.80	523.93	372.07	1,186.34	1,141.97	44.37	26.738	
4,046.22	3,940.53	4,276.94	4,214.40	12.62	35.50	-148.02	516.81	373.67	1,186.09	1,141.50	44.59	26.600	
4,100.00	3,992.62	4,326.58	4,262.96	12.80	35.60	-148.29	506.95	376.67	1,186.35	1,141.56	44.79	26.486	
4,200.00	4,089.46	4,439.55	4,373.17	13.13	35.84	-148.91	483.21	384.07	1,185.63	1,140.56	45.07	26.306	
4,300.00	4,186.30	4,540.18	4,471.39	13.46	36.07	-149.44	462.46	390.95	1,185.42	1,140.00	45.42	26.098	
4,400.00	4,283.14	4,685.83	4,612.80	13.80	36.43	-150.23	429.19	401.31	1,183.11	1,137.59	45.51	25.995	
4,500.00	4,379.98	4,762.85	4,687.37	14.15	36.64	-150.74	410.31	405.06	1,179.70	1,133.68	46.02	25.636	
4,578.27	4,455.78	4,813.06	4,736.18	14.42	36.76	-151.13	398.58	406.08	1,178.66	1,132.21	46.45	25.372	
4,600.00	4,476.82	4,826.02	4,748.83	14.49	36.78	-151.24	395.75	406.23	1,178.74	1,132.17	46.58	25.308	
4,700.00	4,573.66	4,892.32	4,813.77	14.84	36.93	-151.79	382.46	406.37	1,181.19	1,134.11	47.09	25.086	
4,800.00	4,670.50	4,983.39	4,903.27	15.20	37.12	-152.50	365.61	407.20	1,185.29	1,137.81	47.48	24.965	
4,900.00	4,767.35	5,070.95	4,989.48	15.56	37.30	-153.11	350.43	409.01	1,190.39	1,142.50	47.89	24.856	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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
5,000.00	4,864.19	5,158.33	5,075.67	15.92	37.48	-153.70	336.20	411.02	1,196.60	1,148.30	48.30	24.772	
5,100.00	4,961.03	5,228.06	5,144.64	16.28	37.61	-154.15	326.02	412.47	1,204.65	1,155.89	48.76	24.707	
5,200.00	5,057.87	5,297.71	5,213.76	16.64	37.73	-154.58	317.53	413.73	1,215.20	1,166.02	49.19	24.705	
5,300.00	5,154.71	5,368.42	5,284.12	17.01	37.84	-155.00	310.63	414.85	1,228.22	1,178.63	49.59	24.766	
5,400.00	5,251.55	5,440.00	5,355.48	17.38	37.94	-155.39	305.14	415.85	1,243.42	1,193.44	49.98	24.879	
5,500.00	5,348.39	5,519.85	5,435.18	17.75	38.05	-155.81	300.42	416.65	1,260.46	1,210.11	50.35	25.033	
5,600.00	5,445.23	5,621.47	5,536.68	18.13	38.17	-156.32	295.38	417.76	1,278.43	1,227.69	50.74	25.196	
5,700.00	5,542.07	5,742.84	5,657.80	18.50	38.33	-156.83	288.62	421.23	1,295.30	1,244.15	51.15	25.326	
5,800.00	5,638.91	5,819.38	5,734.19	18.88	38.44	-157.10	284.87	424.18	1,312.39	1,260.85	51.53	25.467	
5,900.00	5,735.75	5,903.72	5,818.42	19.26	38.54	-157.41	281.36	426.77	1,330.58	1,278.66	51.92	25.628	
6,000.00	5,832.60	5,981.26	5,895.91	19.64	38.63	-157.73	278.69	427.95	1,350.04	1,297.75	52.29	25.818	
6,100.00	5,929.44	6,059.03	5,973.65	20.02	38.71	-158.04	277.07	428.60	1,371.04	1,318.39	52.65	26.040	
6,200.00	6,026.28	6,141.70	6,056.32	20.40	38.79	-158.36	276.47	429.13	1,393.38	1,340.36	53.02	26.281	
6,300.00	6,123.12	6,231.19	6,145.81	20.79	38.87	-158.68	276.47	429.60	1,416.48	1,363.08	53.40	26.525	
6,400.00	6,219.96	6,326.41	6,241.02	21.17	38.96	-159.02	276.80	429.99	1,439.98	1,386.18	53.80	26.766	
6,500.00	6,316.80	6,425.63	6,340.24	21.56	39.04	-159.34	277.21	430.87	1,463.40	1,409.19	54.21	26.995	
6,600.00	6,413.64	6,524.23	6,438.83	21.94	39.13	-159.64	277.60	431.87	1,486.79	1,432.16	54.62	27.219	
6,700.00	6,510.48	6,634.99	6,549.53	22.33	39.24	-160.11	276.03	429.70	1,509.85	1,454.78	55.07	27.419	
6,800.00	6,607.32	6,747.92	6,661.63	22.72	39.38	-161.18	268.69	418.40	1,531.85	1,476.34	55.51	27.596	
6,900.00	6,705.10	6,845.82	6,757.40	22.99	39.51	-158.49	258.17	401.36	1,550.31	1,494.43	55.87	27.747	
7,000.00	6,803.10	6,923.08	6,830.95	23.16	39.62	-115.24	246.83	380.71	1,562.79	1,506.66	56.13	27.842	
7,100.00	6,898.92	7,086.89	6,977.76	23.27	39.95	93.45	209.27	319.32	1,564.95	1,508.31	56.64	27.630	
7,200.00	6,990.18	7,137.00	7,020.53	23.33	40.07	84.15	196.35	296.63	1,561.36	1,504.59	56.77	27.502	
7,300.00	7,074.65	7,182.00	7,058.07	23.34	40.17	79.75	185.25	274.46	1,553.35	1,496.53	56.82	27.337	
7,400.00	7,150.25	7,231.00	7,096.29	23.30	40.29	77.79	172.53	246.61	1,540.84	1,483.96	56.88	27.087	
7,500.00	7,215.10	7,276.00	7,128.41	23.24	40.41	77.32	160.97	217.32	1,524.97	1,468.01	56.96	26.771	
7,600.00	7,267.63	7,325.00	7,159.56	23.15	40.54	77.90	148.69	181.58	1,506.19	1,449.02	57.17	26.346	
7,700.00	7,306.52	7,370.00	7,184.16	23.04	40.68	79.27	137.60	145.60	1,484.67	1,427.17	57.50	25.822	
7,800.00	7,330.84	7,395.35	7,196.30	22.92	40.76	81.11	131.67	124.16	1,461.19	1,403.36	57.83	25.268	
7,900.00	7,339.97	7,419.00	7,206.51	22.81	40.85	83.36	126.64	103.43	1,437.17	1,378.84	58.33	24.639	
8,000.00	7,339.23	7,464.00	7,223.01	22.72	41.00	84.34	119.00	62.29	1,415.24	1,356.05	59.19	23.912	
8,100.00	7,338.31	7,464.00	7,223.01	22.74	41.00	84.34	119.00	62.29	1,398.08	1,338.37	59.72	23.412	
8,200.00	7,337.40	7,513.00	7,236.40	22.95	41.18	84.90	114.77	15.39	1,386.77	1,325.98	60.79	22.811	
8,300.00	7,336.48	7,513.00	7,236.40	23.46	41.18	84.90	114.77	15.39	1,380.40	1,318.94	61.46	22.460	
8,356.07	7,335.97	7,531.39	7,240.17	23.87	41.23	85.06	114.51	-2.61	1,379.45	1,317.40	62.05	22.231	
8,400.00	7,335.57	7,541.20	7,241.94	24.21	41.27	85.14	114.70	-12.25	1,380.00	1,317.55	62.45	22.097	
8,500.00	7,334.65	7,559.00	7,244.71	25.11	41.34	85.26	115.61	-29.81	1,385.33	1,321.98	63.35	21.868	
8,600.00	7,333.73	7,573.00	7,246.48	26.11	41.39	85.35	116.89	-43.63	1,396.49	1,332.27	64.22	21.747	
8,700.00	7,332.82	7,629.01	7,250.82	27.17	43.14	85.57	124.77	-98.90	1,411.60	1,346.23	65.36	21.596	
8,800.00	7,331.90	7,682.67	7,251.46	28.30	44.08	85.65	135.03	-151.55	1,431.11	1,364.71	66.41	21.551	
8,900.00	7,330.99	7,781.41	7,252.18	29.48	44.29	85.78	154.56	-248.34	1,451.67	1,383.78	67.89	21.382	
9,000.00	7,330.07	7,874.30	7,253.37	30.71	44.56	85.92	173.09	-339.36	1,472.38	1,402.74	69.64	21.143	
9,100.00	7,329.16	7,965.29	7,254.79	31.97	44.92	86.06	191.68	-428.42	1,493.56	1,421.92	71.64	20.848	
9,200.00	7,328.24	8,066.47	7,256.84	33.27	45.50	86.23	212.60	-527.39	1,514.96	1,440.85	74.11	20.442	
9,300.00	7,327.32	8,295.11	7,258.19	34.60	47.92	86.46	251.68	-752.58	1,534.19	1,454.16	80.03	19.170	
9,400.00	7,326.41	8,692.13	7,245.30	35.96	55.82	86.13	256.30	-1,148.55	1,534.02	1,442.49	91.53	16.760	
9,500.00	7,325.49	8,824.52	7,244.67	37.35	59.06	86.13	244.42	-1,280.39	1,525.87	1,429.59	96.28	15.848	
9,600.00	7,324.58	8,927.21	7,244.63	38.75	61.69	86.14	234.63	-1,382.62	1,517.27	1,416.93	100.34	15.122	
9,700.00	7,323.66	9,014.82	7,245.73	40.17	63.99	86.19	226.09	-1,469.80	1,508.41	1,404.35	104.06	14.495	
9,800.00	7,322.75	9,085.24	7,245.93	41.62	65.88	86.21	220.49	-1,539.99	1,501.34	1,394.01	107.33	13.988	
9,900.00	7,321.83	9,163.00	7,246.59	43.07	68.01	86.26	215.63	-1,617.60	1,495.95	1,385.09	110.86	13.494	
10,000.00	7,320.91	9,282.17	7,250.65	44.55	71.36	86.44	207.84	-1,736.44	1,490.02	1,374.22	115.80	12.868	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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
10,100.00	7,320.00	9,353.00	7,253.06	46.03	73.37	86.55	203.96	-1,807.12	1,485.19	1,365.97	119.22	12.458	
10,200.00	7,319.08	9,440.71	7,254.65	47.53	75.91	86.63	200.28	-1,894.74	1,481.78	1,358.55	123.23	12.025	
10,300.00	7,318.17	9,509.42	7,254.62	49.04	77.93	86.65	198.13	-1,963.41	1,479.60	1,353.00	126.60	11.687	
10,400.00	7,317.25	9,598.55	7,253.10	50.56	80.57	86.62	196.97	-2,052.52	1,479.27	1,348.57	130.70	11.318	
10,483.04	7,316.49	9,676.72	7,252.66	51.83	82.91	86.63	195.94	-2,130.68	1,478.97	1,344.68	134.29	11.013	
10,500.00	7,316.34	9,690.67	7,252.60	52.09	83.33	86.64	195.82	-2,144.62	1,478.99	1,344.04	134.95	10.959	
10,600.00	7,315.42	9,780.01	7,252.00	53.62	86.03	86.65	195.59	-2,233.97	1,479.68	1,340.54	139.13	10.635	
10,700.00	7,314.50	9,862.69	7,250.67	55.17	88.56	86.63	195.78	-2,316.64	1,480.96	1,337.89	143.07	10.351	
10,800.00	7,313.59	9,936.30	7,249.24	56.72	90.82	86.60	197.32	-2,390.21	1,484.04	1,337.40	146.64	10.120	
10,900.00	7,312.67	10,027.88	7,249.65	58.28	93.65	86.66	200.32	-2,481.74	1,488.20	1,337.22	150.98	9.857	
11,000.00	7,311.76	10,121.51	7,251.23	59.84	96.57	86.76	203.91	-2,575.29	1,492.85	1,337.42	155.43	9.604	
11,100.00	7,310.84	10,214.75	7,251.42	61.41	99.49	86.81	207.73	-2,668.44	1,497.86	1,337.98	159.88	9.369	
11,200.00	7,309.93	10,291.50	7,251.50	62.99	101.91	86.85	211.69	-2,745.09	1,503.92	1,340.31	163.62	9.192	
11,300.00	7,309.01	10,385.58	7,252.58	64.57	104.89	86.94	217.56	-2,838.98	1,511.01	1,342.87	168.14	8.987	
11,400.00	7,308.10	10,468.11	7,253.12	66.15	107.52	87.00	223.21	-2,921.31	1,518.74	1,346.61	172.14	8.823	
11,500.00	7,307.18	10,791.41	7,263.94	67.74	117.88	87.54	229.94	-3,243.71	1,525.64	1,339.81	185.82	8.210	
11,600.00	7,306.26	10,885.95	7,267.40	69.33	120.92	87.69	223.24	-3,337.93	1,519.34	1,328.85	190.49	7.976	
11,700.00	7,305.35	10,962.00	7,266.81	70.93	123.38	87.69	218.81	-3,413.85	1,514.42	1,319.89	194.53	7.785	
11,800.00	7,304.43	11,058.77	7,263.58	72.53	126.53	87.60	213.95	-3,510.44	1,510.46	1,311.21	199.25	7.581	
11,900.00	7,303.52	11,149.32	7,258.99	74.13	129.47	87.45	209.46	-3,600.76	1,506.65	1,302.90	203.75	7.395	
12,000.00	7,302.60	11,212.17	7,255.26	75.74	131.53	87.33	207.27	-3,663.46	1,504.36	1,297.13	207.24	7.259	
12,033.71	7,302.29	11,233.19	7,254.02	76.28	132.21	87.28	206.88	-3,684.44	1,504.16	1,295.78	208.38	7.218	
12,100.00	7,301.69	11,292.14	7,251.09	77.34	134.15	87.19	206.34	-3,743.31	1,504.31	1,293.00	211.31	7.119	
12,200.00	7,300.77	11,385.06	7,249.70	78.96	137.20	87.17	205.81	-3,836.22	1,504.74	1,288.82	215.92	6.969	
12,300.00	7,299.85	11,473.85	7,250.00	80.57	140.13	87.22	206.06	-3,925.01	1,505.92	1,285.54	220.38	6.833	
12,400.00	7,298.94	11,569.97	7,250.77	82.19	143.30	87.28	206.88	-4,021.11	1,507.66	1,282.50	225.16	6.696	
12,500.00	7,298.02	11,673.83	7,250.79	83.80	146.74	87.32	207.64	-4,124.98	1,509.32	1,279.06	230.26	6.555	
12,600.00	7,297.11	11,777.85	7,253.37	85.42	150.18	87.46	208.23	-4,228.96	1,510.70	1,275.30	235.40	6.418	
12,700.00	7,296.19	11,873.31	7,255.19	87.05	156.30	87.57	208.70	-4,324.40	1,512.05	1,268.91	243.14	6.219	
12,800.00	7,295.28	11,923.00	7,255.79	88.67	168.20	87.61	209.04	-4,374.08	1,514.44	1,258.30	256.14	5.913 SF	
12,900.00	7,294.36	11,923.00	7,255.79	90.30	168.20	87.61	209.04	-4,374.08	1,522.60	1,266.72	255.89	5.950	
13,000.00	7,293.44	11,923.00	7,255.79	91.92	168.20	87.61	209.04	-4,374.08	1,537.24	1,282.59	254.64	6.037	
13,100.00	7,292.53	11,923.00	7,255.79	93.55	168.20	87.61	209.04	-4,374.08	1,558.17	1,305.68	252.48	6.171	
13,200.00	7,291.61	11,923.00	7,255.79	95.18	168.20	87.61	209.04	-4,374.08	1,585.14	1,335.63	249.51	6.353	
13,300.00	7,290.70	11,923.00	7,255.79	96.82	168.20	87.61	209.04	-4,374.08	1,617.85	1,372.01	245.84	6.581	
13,400.00	7,289.78	11,923.00	7,255.79	98.45	168.20	87.61	209.04	-4,374.08	1,655.97	1,414.36	241.60	6.854	
13,500.00	7,288.87	11,923.00	7,255.79	100.08	168.20	87.61	209.04	-4,374.08	1,699.12	1,462.19	236.93	7.172	
13,600.00	7,287.95	11,923.00	7,255.79	101.72	168.20	87.61	209.04	-4,374.08	1,746.94	1,515.00	231.93	7.532	
13,700.00	7,287.03	11,923.00	7,255.79	103.36	168.20	87.61	209.04	-4,374.08	1,799.05	1,572.31	226.73	7.935	
13,800.00	7,286.12	11,923.00	7,255.79	105.00	168.20	87.61	209.04	-4,374.08	1,855.09	1,633.67	221.42	8.378	
13,900.00	7,285.20	11,923.00	7,255.79	106.64	168.20	87.61	209.04	-4,374.08	1,914.71	1,698.63	216.08	8.861	
14,000.00	7,284.29	11,923.00	7,255.79	108.28	168.20	87.61	209.04	-4,374.08	1,977.60	1,766.83	210.78	9.383	
14,100.00	7,283.37	11,923.00	7,255.79	109.92	168.20	87.61	209.04	-4,374.08	2,043.45	1,837.89	205.56	9.941	
14,200.00	7,282.46	11,923.00	7,255.79	111.56	168.20	87.61	209.04	-4,374.08	2,111.98	1,911.52	200.47	10.535	
14,300.00	7,281.54	11,923.00	7,255.79	113.20	168.20	87.61	209.04	-4,374.08	2,182.95	1,987.41	195.53	11.164	
14,400.00	7,280.63	11,923.00	7,255.79	114.85	168.20	87.61	209.04	-4,374.08	2,256.11	2,065.34	190.77	11.826	
14,500.00	7,279.71	11,923.00	7,255.79	116.49	168.20	87.61	209.04	-4,374.08	2,331.27	2,145.07	186.20	12.520	
14,600.00	7,278.79	11,923.00	7,255.79	118.14	168.20	87.61	209.04	-4,374.08	2,408.24	2,226.41	181.83	13.244	
14,700.00	7,277.88	11,923.00	7,255.79	119.79	168.20	87.61	209.04	-4,374.08	2,486.84	2,309.19	177.65	13.998	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE 2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
8,300.00	7,336.48	7,338.48	7,338.48	23.46	258.27	-90.40	-3,231.00	-1,393.60	2,453.07	2,171.10	281.97	8.700	
8,400.00	7,335.57	7,337.57	7,337.57	24.21	258.24	-90.37	-3,231.00	-1,393.60	2,394.14	2,111.82	282.32	8.480	
8,500.00	7,334.65	7,336.65	7,336.65	25.11	258.20	-90.34	-3,231.00	-1,393.60	2,337.99	2,055.18	282.81	8.267	
8,600.00	7,333.73	7,335.73	7,335.73	26.11	258.17	-90.32	-3,231.00	-1,393.60	2,284.85	2,001.41	283.44	8.061	
8,700.00	7,332.82	7,334.82	7,334.82	27.17	258.14	-90.29	-3,231.00	-1,393.60	2,234.92	1,950.69	284.23	7.863	
8,800.00	7,331.90	7,333.90	7,333.90	28.30	258.11	-90.26	-3,231.00	-1,393.60	2,188.42	1,903.26	285.16	7.674	
8,900.00	7,330.99	7,332.99	7,332.99	29.48	258.07	-90.24	-3,231.00	-1,393.60	2,145.58	1,859.34	286.24	7.496	
9,000.00	7,330.07	7,332.07	7,332.07	30.71	258.04	-90.21	-3,231.00	-1,393.60	2,106.61	1,819.17	287.45	7.329	
9,100.00	7,329.16	7,331.16	7,331.16	31.97	258.01	-90.18	-3,231.00	-1,393.60	2,071.75	1,782.97	288.78	7.174	
9,200.00	7,328.24	7,330.24	7,330.24	33.27	257.98	-90.16	-3,231.00	-1,393.60	2,041.19	1,750.98	290.21	7.033	
9,300.00	7,327.32	7,329.32	7,329.32	34.60	257.94	-90.13	-3,231.00	-1,393.60	2,015.14	1,723.40	291.73	6.907	
9,400.00	7,326.41	7,328.41	7,328.41	35.96	257.91	-90.10	-3,231.00	-1,393.60	1,993.76	1,700.45	293.32	6.797	
9,500.00	7,325.49	7,327.49	7,327.49	37.35	257.88	-90.07	-3,231.00	-1,393.60	1,977.22	1,682.28	294.94	6.704	
9,600.00	7,324.58	7,326.58	7,326.58	38.75	257.85	-90.05	-3,231.00	-1,393.60	1,965.63	1,669.05	296.58	6.628	
9,700.00	7,323.66	7,325.66	7,325.66	40.17	257.81	-90.02	-3,231.00	-1,393.60	1,959.08	1,660.88	298.21	6.570	
9,778.47	7,322.94	7,324.94	7,324.94	41.31	257.79	-90.00	-3,231.00	-1,393.60	1,957.51	1,658.04	299.47	6.537 CC	
9,800.00	7,322.75	7,324.75	7,324.75	41.62	257.78	-89.99	-3,231.00	-1,393.60	1,957.63	1,657.82	299.81	6.530 ES	
9,900.00	7,321.83	7,323.83	7,323.83	43.07	257.75	-89.97	-3,231.00	-1,393.60	1,961.28	1,659.92	301.36	6.508	
10,000.00	7,320.91	7,322.91	7,322.91	44.55	257.72	-89.94	-3,231.00	-1,393.60	1,970.01	1,667.16	302.85	6.505 SF	
10,100.00	7,320.00	7,322.00	7,322.00	46.03	257.69	-89.91	-3,231.00	-1,393.60	1,983.74	1,679.49	304.25	6.520	
10,200.00	7,319.08	7,321.08	7,321.08	47.53	257.65	-89.89	-3,231.00	-1,393.60	2,002.38	1,696.82	305.56	6.553	
10,300.00	7,318.17	7,320.17	7,320.17	49.04	257.62	-89.86	-3,231.00	-1,393.60	2,025.79	1,719.02	306.77	6.604	
10,400.00	7,317.25	7,319.25	7,319.25	50.56	257.59	-89.83	-3,231.00	-1,393.60	2,053.81	1,745.94	307.87	6.671	
10,500.00	7,316.34	7,318.34	7,318.34	52.09	257.56	-89.81	-3,231.00	-1,393.60	2,086.24	1,777.38	308.86	6.755	
10,600.00	7,315.42	7,317.42	7,317.42	53.62	257.52	-89.78	-3,231.00	-1,393.60	2,122.90	1,813.16	309.74	6.854	
10,700.00	7,314.50	7,316.50	7,316.50	55.17	257.49	-89.75	-3,231.00	-1,393.60	2,163.56	1,853.04	310.52	6.968	
10,800.00	7,313.59	7,315.59	7,315.59	56.72	257.46	-89.73	-3,231.00	-1,393.60	2,208.00	1,896.80	311.20	7.095	
10,900.00	7,312.67	7,314.67	7,314.67	58.28	257.43	-89.70	-3,231.00	-1,393.60	2,256.01	1,944.22	311.78	7.236	
11,000.00	7,311.76	7,313.76	7,313.76	59.84	257.39	-89.67	-3,231.00	-1,393.60	2,307.35	1,995.07	312.28	7.389	
11,100.00	7,310.84	7,312.84	7,312.84	61.41	257.36	-89.65	-3,231.00	-1,393.60	2,361.81	2,049.11	312.70	7.553	
11,200.00	7,309.93	7,311.93	7,311.93	62.99	257.33	-89.62	-3,231.00	-1,393.60	2,419.18	2,106.13	313.04	7.728	
11,300.00	7,309.01	7,311.01	7,311.01	64.57	257.30	-89.59	-3,231.00	-1,393.60	2,479.25	2,165.93	313.32	7.913	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design													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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,900.00	7,312.67	7,567.05	7,431.95	58.28	22.80	93.81	523.20	-4,223.63	2,476.62	2,405.16	71.47	34.654		
11,000.00	7,311.76	7,562.94	7,427.85	59.84	22.66	93.68	523.32	-4,223.76	2,410.28	2,336.91	73.37	32.850		
11,100.00	7,310.84	7,558.83	7,423.74	61.41	22.53	93.56	523.43	-4,223.89	2,346.32	2,270.96	75.37	31.132		
11,200.00	7,309.93	7,554.73	7,419.64	62.99	22.39	93.43	523.55	-4,224.03	2,284.95	2,207.50	77.44	29.506		
11,300.00	7,309.01	7,550.62	7,415.53	64.57	22.26	93.30	523.67	-4,224.16	2,226.36	2,146.77	79.59	27.973		
11,400.00	7,308.10	7,546.51	7,411.43	66.15	22.13	93.17	523.79	-4,224.29	2,170.79	2,088.99	81.80	26.537		
11,500.00	7,307.18	7,542.40	7,407.33	67.74	21.99	93.04	523.90	-4,224.42	2,118.49	2,034.42	84.07	25.199		
11,600.00	7,306.26	7,538.29	7,403.22	69.33	21.86	92.91	524.02	-4,224.55	2,069.68	1,983.31	86.37	23.963		
11,700.00	7,305.35	7,534.19	7,399.12	70.93	21.72	92.78	524.14	-4,224.69	2,024.64	1,935.95	88.69	22.828		
11,800.00	7,304.43	7,530.08	7,395.01	72.53	21.59	92.66	524.26	-4,224.82	1,983.60	1,892.60	91.00	21.797		
11,900.00	7,303.52	7,525.97	7,390.91	74.13	21.45	92.53	524.37	-4,224.95	1,946.84	1,853.55	93.29	20.869		
12,000.00	7,302.60	7,521.86	7,386.80	75.74	21.32	92.40	524.49	-4,225.08	1,914.59	1,819.08	95.51	20.045		
12,100.00	7,301.69	7,517.75	7,382.70	77.34	21.19	92.27	524.61	-4,225.22	1,887.08	1,789.44	97.65	19.325		
12,200.00	7,300.77	7,513.65	7,378.60	78.96	21.05	92.14	524.73	-4,225.35	1,864.53	1,764.87	99.67	18.708		
12,300.00	7,299.85	7,509.54	7,374.49	80.57	20.92	92.01	524.84	-4,225.48	1,847.12	1,745.58	101.54	18.192		
12,400.00	7,298.94	7,505.43	7,370.39	82.19	20.78	91.88	524.96	-4,225.61	1,834.99	1,731.76	103.23	17.776		
12,500.00	7,298.02	7,501.32	7,366.28	83.80	20.65	91.75	525.08	-4,225.75	1,828.25	1,723.53	104.71	17.459		
12,573.72	7,297.35	7,501.71	7,363.26	85.00	20.66	91.66	525.17	-4,225.84	1,826.76	1,720.98	105.78	17.269 CC		
12,600.00	7,297.11	7,502.79	7,362.18	85.42	20.70	91.63	525.20	-4,225.88	1,826.95	1,720.78	106.17	17.209 ES		
12,700.00	7,296.19	7,506.90	7,358.07	87.05	20.83	91.50	525.32	-4,226.01	1,831.11	1,723.65	107.47	17.039 SF		
12,800.00	7,295.28	7,489.00	7,353.97	88.67	20.33	91.37	525.43	-4,226.14	1,840.70	1,732.82	107.88	17.063		
12,900.00	7,294.36	7,484.89	7,349.87	90.30	20.23	91.24	525.55	-4,226.27	1,855.62	1,747.17	108.45	17.110		
13,000.00	7,293.44	7,480.78	7,345.76	91.92	20.13	91.11	525.67	-4,226.41	1,875.76	1,766.98	108.78	17.243		
13,100.00	7,292.53	7,476.67	7,341.66	93.55	20.02	90.98	525.79	-4,226.54	1,900.94	1,792.05	108.89	17.458		
13,200.00	7,291.61	7,472.56	7,337.55	95.18	19.92	90.85	525.90	-4,226.67	1,930.96	1,822.19	108.78	17.752		
13,300.00	7,290.70	7,468.46	7,333.45	96.82	19.82	90.72	526.02	-4,226.80	1,965.62	1,857.14	108.47	18.121		
13,400.00	7,289.78	7,464.35	7,329.35	98.45	19.71	90.60	526.14	-4,226.94	2,004.66	1,896.66	108.00	18.562		
13,500.00	7,288.87	7,460.24	7,325.24	100.08	19.61	90.47	526.26	-4,227.07	2,047.83	1,940.45	107.38	19.071		
13,600.00	7,287.95	7,456.13	7,321.14	101.72	19.51	90.34	526.37	-4,227.20	2,094.88	1,988.25	106.63	19.647		
13,700.00	7,287.03	7,452.02	7,317.03	103.36	19.40	90.21	526.49	-4,227.33	2,145.56	2,039.79	105.77	20.284		
13,800.00	7,286.12	7,447.92	7,312.93	105.00	19.30	90.08	526.61	-4,227.47	2,199.61	2,094.77	104.84	20.981		
13,900.00	7,285.20	7,443.81	7,308.82	106.64	19.20	89.95	526.73	-4,227.60	2,256.79	2,152.96	103.83	21.735		
14,000.00	7,284.29	7,439.70	7,304.72	108.28	19.10	89.82	526.84	-4,227.73	2,316.87	2,214.09	102.78	22.542		
14,100.00	7,283.37	7,435.59	7,300.62	109.92	18.99	89.70	526.96	-4,227.86	2,379.64	2,277.94	101.69	23.400		
14,200.00	7,282.46	7,431.48	7,296.51	111.56	18.89	89.57	527.08	-4,228.00	2,444.87	2,344.29	100.58	24.307		

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
10,000.00	7,320.91	7,340.91	7,340.91	44.55	258.36	93.10	-888.21	-4,073.64	2,470.10	2,187.05	283.05	8.727	
10,100.00	7,320.00	7,340.00	7,340.00	46.03	258.32	92.98	-888.21	-4,073.64	2,371.56	2,088.24	283.33	8.370	
10,200.00	7,319.08	7,339.08	7,339.08	47.53	258.29	92.85	-888.21	-4,073.64	2,273.15	1,989.51	283.63	8.014	
10,300.00	7,318.17	7,338.17	7,338.17	49.04	258.26	92.72	-888.21	-4,073.64	2,174.88	1,890.90	283.98	7.659	
10,400.00	7,317.25	7,337.25	7,337.25	50.56	258.23	92.60	-888.21	-4,073.64	2,076.77	1,792.40	284.37	7.303	
10,500.00	7,316.34	7,336.34	7,336.34	52.09	258.19	92.47	-888.21	-4,073.64	1,978.85	1,694.03	284.82	6.948	
10,600.00	7,315.42	7,335.42	7,335.42	53.62	258.16	92.34	-888.21	-4,073.64	1,881.15	1,595.82	285.33	6.593	
10,700.00	7,314.50	7,334.50	7,334.50	55.17	258.13	92.21	-888.21	-4,073.64	1,783.71	1,497.79	285.92	6.239	
10,800.00	7,313.59	7,333.59	7,333.59	56.72	258.10	92.09	-888.21	-4,073.64	1,686.57	1,399.97	286.60	5.885	
10,900.00	7,312.67	7,332.67	7,332.67	58.28	258.06	91.96	-888.21	-4,073.64	1,589.77	1,302.40	287.38	5.532	
11,000.00	7,311.76	7,331.76	7,331.76	59.84	258.03	91.83	-888.21	-4,073.64	1,493.41	1,205.12	288.29	5.180	
11,100.00	7,310.84	7,330.84	7,330.84	61.41	258.00	91.70	-888.21	-4,073.64	1,397.55	1,108.19	289.36	4.830	
11,200.00	7,309.93	7,329.93	7,329.93	62.99	257.97	91.58	-888.21	-4,073.64	1,302.31	1,011.70	290.61	4.481	
11,300.00	7,309.01	7,329.01	7,329.01	64.57	257.93	91.45	-888.21	-4,073.64	1,207.84	915.74	292.11	4.135	
11,400.00	7,308.10	7,328.10	7,328.10	66.15	257.90	91.32	-888.21	-4,073.64	1,114.34	820.45	293.89	3.792	
11,500.00	7,307.18	7,327.18	7,327.18	67.74	257.87	91.19	-888.21	-4,073.64	1,022.07	726.03	296.04	3.452	
11,600.00	7,306.26	7,326.26	7,326.26	69.33	257.84	91.07	-888.21	-4,073.64	931.39	632.75	298.65	3.119	
11,700.00	7,305.35	7,325.35	7,325.35	70.93	257.80	90.94	-888.21	-4,073.64	842.83	541.00	301.82	2.792	
11,800.00	7,304.43	7,324.43	7,324.43	72.53	257.77	90.81	-888.21	-4,073.64	757.11	451.40	305.71	2.477	
11,900.00	7,303.52	7,323.52	7,323.52	74.13	257.74	90.68	-888.21	-4,073.64	675.34	364.88	310.46	2.175	
12,000.00	7,302.60	7,322.60	7,322.60	75.74	257.71	90.56	-888.21	-4,073.64	599.12	282.94	316.18	1.895	
12,100.00	7,301.69	7,321.69	7,321.69	77.34	257.67	90.43	-888.21	-4,073.64	530.85	208.00	322.85	1.644	
12,200.00	7,300.77	7,320.77	7,320.77	78.96	257.64	90.30	-888.21	-4,073.64	473.98	143.97	330.01	1.436	Level 3
12,300.00	7,299.85	7,319.85	7,319.85	80.57	257.61	90.17	-888.21	-4,073.64	433.03	96.55	336.48	1.287	Level 3
12,400.00	7,298.94	7,318.94	7,318.94	82.19	257.58	90.05	-888.21	-4,073.64	412.76	72.42	340.33	1.213	Level 2
12,435.74	7,298.61	7,318.61	7,318.61	82.76	257.57	90.00	-888.21	-4,073.64	411.21	70.47	340.73	1.207	Level 2, CC, ES, SF
12,500.00	7,298.02	7,318.02	7,318.02	83.80	257.54	89.92	-888.21	-4,073.64	416.20	76.18	340.02	1.224	Level 2
12,600.00	7,297.11	7,317.11	7,317.11	85.42	257.51	89.79	-888.21	-4,073.64	442.80	107.03	335.77	1.319	Level 3
12,700.00	7,296.19	7,316.19	7,316.19	87.05	257.48	89.66	-888.21	-4,073.64	488.80	159.44	329.36	1.484	Level 3
12,800.00	7,295.28	7,315.28	7,315.28	88.67	257.45	89.54	-888.21	-4,073.64	549.33	226.77	322.56	1.703	
12,900.00	7,294.36	7,314.36	7,314.36	90.30	257.41	89.41	-888.21	-4,073.64	620.17	303.83	316.35	1.960	
13,000.00	7,293.44	7,313.44	7,313.44	91.92	257.38	89.28	-888.21	-4,073.64	698.18	387.14	311.04	2.245	
13,100.00	7,292.53	7,312.53	7,312.53	93.55	257.35	89.15	-888.21	-4,073.64	781.22	474.57	306.65	2.548	
13,200.00	7,291.61	7,311.61	7,311.61	95.18	257.32	89.03	-888.21	-4,073.64	867.84	564.80	303.04	2.864	
13,300.00	7,290.70	7,310.70	7,310.70	96.82	257.28	88.90	-888.21	-4,073.64	957.07	656.98	300.09	3.189	
13,400.00	7,289.78	7,309.78	7,309.78	98.45	257.25	88.77	-888.21	-4,073.64	1,048.24	750.58	297.66	3.522	
13,500.00	7,288.87	7,308.87	7,308.87	100.08	257.22	88.64	-888.21	-4,073.64	1,140.90	845.24	295.66	3.859	
13,600.00	7,287.95	7,307.95	7,307.95	101.72	257.19	88.51	-888.21	-4,073.64	1,234.70	940.71	293.99	4.200	
13,700.00	7,287.03	7,307.03	7,307.03	103.36	257.16	88.39	-888.21	-4,073.64	1,329.41	1,036.81	292.60	4.543	
13,800.00	7,286.12	7,306.12	7,306.12	105.00	257.12	88.26	-888.21	-4,073.64	1,424.83	1,133.41	291.43	4.889	
13,900.00	7,285.20	7,305.20	7,305.20	106.64	257.09	88.13	-888.21	-4,073.64	1,520.85	1,230.41	290.43	5.236	
14,000.00	7,284.29	7,304.29	7,304.29	108.28	257.06	88.01	-888.21	-4,073.64	1,617.34	1,327.75	289.59	5.585	
14,100.00	7,283.37	7,303.37	7,303.37	109.92	257.03	87.88	-888.21	-4,073.64	1,714.24	1,425.37	288.87	5.934	
14,200.00	7,282.46	7,302.46	7,302.46	111.56	256.99	87.75	-888.21	-4,073.64	1,811.48	1,523.22	288.25	6.284	
14,300.00	7,281.54	7,301.54	7,301.54	113.20	256.96	87.62	-888.21	-4,073.64	1,909.00	1,621.28	287.72	6.635	
14,400.00	7,280.63	7,300.63	7,300.63	114.85	256.93	87.50	-888.21	-4,073.64	2,006.76	1,719.50	287.26	6.986	
14,500.00	7,279.71	7,300.29	7,299.71	116.49	256.92	87.37	-888.21	-4,073.64	2,104.74	1,817.85	286.89	7.336	
14,600.00	7,278.79	7,301.21	7,298.79	118.14	256.95	87.24	-888.21	-4,073.64	2,202.89	1,916.28	286.61	7.686	
14,700.00	7,277.88	7,302.12	7,297.88	119.79	256.98	87.11	-888.21	-4,073.64	2,301.21	2,014.83	286.38	8.036	
14,800.00	7,276.96	7,303.04	7,296.96	121.43	257.01	86.99	-888.21	-4,073.64	2,399.66	2,113.47	286.19	8.385	
14,900.00	7,276.05	7,303.95	7,296.05	123.08	257.05	86.86	-888.21	-4,073.64	2,498.23	2,212.21	286.03	8.734	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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_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)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,800.00	7,322.75	7,510.62	7,505.83	41.62	23.88	102.87	-460.79	-3,701.89	2,415.07	2,363.32	51.76	46.662		
9,900.00	7,321.83	7,504.41	7,499.64	43.07	23.63	102.46	-460.42	-3,702.22	2,321.84	2,269.58	52.26	44.432		
10,000.00	7,320.91	7,501.80	7,493.46	44.55	23.55	102.05	-460.05	-3,702.56	2,229.17	2,176.17	52.99	42.064		
10,100.00	7,320.00	7,492.00	7,487.27	46.03	23.20	101.64	-459.68	-3,702.89	2,137.14	2,083.57	53.57	39.896		
10,200.00	7,319.08	7,485.79	7,481.08	47.53	22.99	101.23	-459.32	-3,703.22	2,045.85	1,991.48	54.37	37.628		
10,300.00	7,318.17	7,479.59	7,474.90	49.04	22.77	100.81	-458.95	-3,703.55	1,955.38	1,900.10	55.29	35.367		
10,400.00	7,317.25	7,473.38	7,468.71	50.56	22.56	100.40	-458.58	-3,703.89	1,865.87	1,809.54	56.33	33.122		
10,500.00	7,316.34	7,467.17	7,462.53	52.09	22.35	99.99	-458.21	-3,704.22	1,777.46	1,719.94	57.52	30.900		
10,600.00	7,315.42	7,460.97	7,456.34	53.62	22.13	99.57	-457.84	-3,704.55	1,690.32	1,631.44	58.87	28.711		
10,700.00	7,314.50	7,454.76	7,450.15	55.17	21.92	99.16	-457.48	-3,704.88	1,604.65	1,544.24	60.41	26.565		
10,800.00	7,313.59	7,448.55	7,443.97	56.72	21.70	98.74	-457.11	-3,705.21	1,520.71	1,458.57	62.14	24.473		
10,900.00	7,312.67	7,442.35	7,437.78	58.28	21.49	98.32	-456.74	-3,705.55	1,438.79	1,374.70	64.09	22.449		
11,000.00	7,311.76	7,436.14	7,431.59	59.84	21.28	97.91	-456.37	-3,705.88	1,359.27	1,292.98	66.29	20.506		
11,100.00	7,310.84	7,429.94	7,425.41	61.41	21.06	97.49	-456.01	-3,706.21	1,282.59	1,213.85	68.74	18.658		
11,200.00	7,309.93	7,423.73	7,419.22	62.99	20.85	97.07	-455.64	-3,706.54	1,209.29	1,137.83	71.46	16.923		
11,300.00	7,309.01	7,417.52	7,413.03	64.57	20.63	96.65	-455.27	-3,706.87	1,140.02	1,065.58	74.44	15.315		
11,400.00	7,308.10	7,411.32	7,406.85	66.15	20.42	96.23	-454.90	-3,707.21	1,075.56	997.91	77.66	13.850		
11,500.00	7,307.18	7,405.11	7,400.66	67.74	20.21	95.81	-454.53	-3,707.54	1,016.83	935.78	81.05	12.546		
11,600.00	7,306.26	7,401.10	7,394.48	69.33	20.07	95.39	-454.17	-3,707.87	964.87	880.28	84.60	11.406		
11,700.00	7,305.35	7,407.30	7,388.29	70.93	20.28	94.97	-453.80	-3,708.20	920.83	832.42	88.41	10.416		
11,800.00	7,304.43	7,386.49	7,382.10	72.53	19.67	94.55	-453.43	-3,708.54	885.90	794.76	91.14	9.720		
11,900.00	7,303.52	7,380.29	7,375.92	74.13	19.50	94.13	-453.06	-3,708.87	861.17	767.38	93.79	9.182		
12,000.00	7,302.60	7,374.08	7,369.73	75.74	19.33	93.71	-452.70	-3,709.20	847.55	751.85	95.70	8.856		
12,066.82	7,301.99	7,369.93	7,365.60	76.81	19.22	93.43	-452.45	-3,709.42	844.92	748.45	96.47	8.758 CC, ES		
12,100.00	7,301.69	7,367.87	7,363.54	77.34	19.17	93.29	-452.33	-3,709.53	845.57	748.88	96.70	8.745 SF		
12,200.00	7,300.77	7,361.67	7,357.36	78.96	19.00	92.87	-451.96	-3,709.86	855.32	758.60	96.72	8.843		
12,300.00	7,299.85	7,355.46	7,351.17	80.57	18.84	92.45	-451.59	-3,710.20	876.39	780.57	95.82	9.146		
12,400.00	7,298.94	7,349.26	7,344.98	82.19	18.67	92.03	-451.22	-3,710.53	908.01	813.85	94.16	9.643		
12,500.00	7,298.02	7,343.05	7,338.80	83.80	18.50	91.62	-450.86	-3,710.86	949.12	857.18	91.94	10.323		
12,600.00	7,297.11	7,336.84	7,332.61	85.42	18.34	91.20	-450.49	-3,711.19	998.54	909.18	89.37	11.174		
12,700.00	7,296.19	7,330.64	7,326.43	87.05	18.17	90.78	-450.12	-3,711.52	1,055.12	968.49	86.62	12.181		
12,800.00	7,295.28	7,324.43	7,320.24	88.67	18.01	90.36	-449.75	-3,711.86	1,117.76	1,033.91	83.85	13.331		
12,900.00	7,294.36	7,318.22	7,314.05	90.30	17.84	89.94	-449.39	-3,712.19	1,185.50	1,104.37	81.13	14.612		
13,000.00	7,293.44	7,312.02	7,307.87	91.92	17.67	89.52	-449.02	-3,712.52	1,257.52	1,178.99	78.54	16.012		
13,100.00	7,292.53	7,305.81	7,301.68	93.55	17.51	89.10	-448.65	-3,712.85	1,333.13	1,257.04	76.10	17.519		
13,200.00	7,291.61	7,300.39	7,295.49	95.18	17.36	88.69	-448.28	-3,713.18	1,411.75	1,337.91	73.85	19.117		
13,300.00	7,290.70	7,306.60	7,289.31	96.82	17.53	88.27	-447.91	-3,713.52	1,492.91	1,420.83	72.08	20.712		
13,400.00	7,289.78	7,287.19	7,283.12	98.45	17.16	87.85	-447.55	-3,713.85	1,576.20	1,506.26	69.94	22.536		
13,500.00	7,288.87	7,280.99	7,276.93	100.08	17.07	87.44	-447.18	-3,714.18	1,661.32	1,593.09	68.24	24.347		
13,600.00	7,287.95	7,274.78	7,270.75	101.72	16.97	87.02	-446.81	-3,714.51	1,747.99	1,681.32	66.68	26.216		
13,700.00	7,287.03	7,268.57	7,264.56	103.36	16.88	86.61	-446.44	-3,714.85	1,836.00	1,770.75	65.25	28.137		
13,800.00	7,286.12	7,262.37	7,258.37	105.00	16.78	86.19	-446.07	-3,715.18	1,925.16	1,861.21	63.95	30.105		
13,900.00	7,285.20	7,256.16	7,252.19	106.64	16.69	85.78	-445.71	-3,715.51	2,015.32	1,952.56	62.76	32.114		
14,000.00	7,284.29	7,249.96	7,246.00	108.28	16.60	85.37	-445.34	-3,715.84	2,106.35	2,044.68	61.66	34.159		
14,100.00	7,283.37	7,243.75	7,239.82	109.92	16.50	84.96	-444.97	-3,716.17	2,198.14	2,137.47	60.66	36.236		
14,200.00	7,282.46	7,237.54	7,233.63	111.56	16.41	84.55	-444.60	-3,716.51	2,290.60	2,230.85	59.74	38.342		
14,300.00	7,281.54	7,231.34	7,227.44	113.20	16.32	84.14	-444.24	-3,716.84	2,383.65	2,324.75	58.90	40.473		
14,400.00	7,280.63	7,225.13	7,221.26	114.85	16.22	83.73	-443.87	-3,717.17	2,477.23	2,419.11	58.12	42.625		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_2" CONE_2.448													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
6,100.00	5,929.44	5,914.44	5,914.44	20.02	207.82	65.32	-3,321.02	92.87	2,490.48	2,262.97	227.52	10.946		
6,200.00	6,026.28	6,011.28	6,011.28	20.40	211.25	65.83	-3,321.02	92.87	2,479.90	2,248.55	231.35	10.719		
6,300.00	6,123.12	6,108.12	6,108.12	20.79	214.68	66.34	-3,321.02	92.87	2,469.51	2,234.34	235.17	10.501		
6,400.00	6,219.96	6,204.96	6,204.96	21.17	218.11	66.86	-3,321.02	92.87	2,459.34	2,220.34	239.01	10.290		
6,500.00	6,316.80	6,301.80	6,301.80	21.56	221.54	67.38	-3,321.02	92.87	2,449.38	2,206.54	242.84	10.086		
6,600.00	6,413.64	6,401.36	6,398.64	21.94	225.07	67.91	-3,321.02	92.87	2,439.63	2,192.86	246.77	9.886		
6,700.00	6,510.48	6,504.52	6,495.48	22.33	228.72	68.44	-3,321.02	92.87	2,430.10	2,179.27	250.83	9.688		
6,800.00	6,607.32	6,607.68	6,592.32	22.72	232.38	68.78	-3,321.02	92.87	2,420.79	2,165.90	254.89	9.497		
6,900.00	6,705.10	6,709.90	6,690.10	22.99	236.00	30.12	-3,321.02	92.87	2,408.17	2,149.37	258.80	9.305		
7,000.00	6,803.10	6,788.10	6,788.10	23.16	238.77	-13.18	-3,321.02	92.87	2,388.91	2,127.17	261.74	9.127		
7,100.00	6,898.92	6,883.92	6,883.92	23.27	242.16	-36.09	-3,321.02	92.87	2,363.44	2,098.23	265.21	8.911		
7,200.00	6,990.18	6,975.18	6,975.18	23.33	245.40	-48.85	-3,321.02	92.87	2,332.62	2,064.17	268.44	8.689		
7,300.00	7,074.65	7,059.65	7,059.65	23.34	248.39	-58.01	-3,321.02	92.87	2,297.66	2,026.30	271.36	8.467		
7,400.00	7,150.25	7,135.25	7,135.25	23.30	251.07	-65.72	-3,321.02	92.87	2,260.14	1,986.24	273.90	8.252		
7,500.00	7,215.10	7,200.10	7,200.10	23.24	253.37	-72.56	-3,321.02	92.87	2,221.87	1,945.83	276.03	8.049		
7,600.00	7,267.63	7,252.63	7,252.63	23.15	255.23	-78.56	-3,321.02	92.87	2,184.78	1,907.06	277.72	7.867		
7,700.00	7,306.52	7,308.48	7,291.52	23.04	257.21	-83.56	-3,321.02	92.87	2,150.83	1,871.28	279.55	7.694		
7,800.00	7,330.84	7,315.84	7,315.84	22.92	257.47	-87.36	-3,321.02	92.87	2,121.79	1,842.05	279.74	7.585		
7,900.00	7,339.97	7,324.97	7,324.97	22.81	257.79	-89.84	-3,321.02	92.87	2,099.10	1,819.01	280.09	7.494		
8,000.00	7,339.23	7,324.23	7,324.23	22.72	257.76	-90.07	-3,321.02	92.87	2,082.67	1,802.44	280.23	7.432		
8,100.00	7,338.31	7,323.31	7,323.31	22.74	257.73	-90.05	-3,321.02	92.87	2,070.97	1,790.44	280.54	7.382		
8,200.00	7,337.40	7,322.40	7,322.40	22.95	257.70	-90.02	-3,321.02	92.87	2,064.06	1,783.05	281.02	7.345		
8,292.89	7,336.55	7,321.55	7,321.55	23.42	257.67	-90.00	-3,321.02	92.87	2,061.97	1,780.37	281.60	7.322 CC		
8,300.00	7,336.48	7,321.48	7,321.48	23.46	257.67	-90.00	-3,321.02	92.87	2,061.99	1,780.34	281.65	7.321 ES		
8,400.00	7,335.57	7,320.57	7,320.57	24.21	257.63	-89.97	-3,321.02	92.87	2,064.75	1,782.34	282.41	7.311 SF		
8,500.00	7,334.65	7,319.65	7,319.65	25.11	257.60	-89.95	-3,321.02	92.87	2,072.35	1,789.06	283.29	7.315		
8,600.00	7,333.73	7,318.73	7,318.73	26.11	257.57	-89.92	-3,321.02	92.87	2,084.72	1,800.47	284.24	7.334		
8,700.00	7,332.82	7,317.82	7,317.82	27.17	257.54	-89.90	-3,321.02	92.87	2,101.78	1,816.52	285.26	7.368		
8,800.00	7,331.90	7,316.90	7,316.90	28.30	257.50	-89.87	-3,321.02	92.87	2,123.41	1,837.11	286.30	7.417		
8,900.00	7,330.99	7,315.99	7,315.99	29.48	257.47	-89.85	-3,321.02	92.87	2,149.49	1,862.12	287.37	7.480		
9,000.00	7,330.07	7,315.07	7,315.07	30.71	257.44	-89.82	-3,321.02	92.87	2,179.84	1,891.42	288.42	7.558		
9,100.00	7,329.16	7,314.16	7,314.16	31.97	257.41	-89.79	-3,321.02	92.87	2,214.30	1,924.84	289.46	7.650		
9,200.00	7,328.24	7,313.24	7,313.24	33.27	257.37	-89.77	-3,321.02	92.87	2,252.67	1,962.21	290.46	7.755		
9,300.00	7,327.32	7,312.32	7,312.32	34.60	257.34	-89.74	-3,321.02	92.87	2,294.76	2,003.33	291.43	7.874		
9,400.00	7,326.41	7,311.41	7,311.41	35.96	257.31	-89.72	-3,321.02	92.87	2,340.37	2,048.02	292.35	8.005		
9,500.00	7,325.49	7,310.49	7,310.49	37.35	257.28	-89.69	-3,321.02	92.87	2,389.30	2,096.08	293.22	8.148		
9,600.00	7,324.58	7,309.58	7,309.58	38.75	257.25	-89.67	-3,321.02	92.87	2,441.34	2,147.30	294.04	8.303		
9,700.00	7,323.66	7,308.66	7,308.66	40.17	257.21	-89.64	-3,321.02	92.87	2,496.31	2,201.50	294.81	8.468		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor			
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)			
0.00	0.00	22.00	22.00	3.28	3.30	-74.94	431.39	-1,603.01	1,660.05					
100.00	100.00	122.00	122.00	3.28	4.16	-74.94	431.39	-1,603.01	1,660.05	1,651.82	8.23	201.716		
200.00	200.00	222.00	222.00	3.31	6.92	-74.94	431.39	-1,603.01	1,660.05	1,649.03	11.02	150.669	CC	
300.00	299.99	321.99	321.99	3.35	10.18	149.30	431.39	-1,603.01	1,661.01	1,646.69	14.32	116.008		
400.00	399.88	421.88	421.88	3.41	13.58	149.34	431.39	-1,603.01	1,664.91	1,647.13	17.78	93.661		
500.00	499.55	521.55	521.55	3.49	17.03	149.41	431.39	-1,603.01	1,671.82	1,650.51	21.31	78.456		
600.00	598.89	620.89	620.89	3.60	20.49	149.51	431.39	-1,603.01	1,681.73	1,656.85	24.88	67.582		
700.00	697.76	719.76	719.76	3.75	23.96	149.63	431.39	-1,603.01	1,694.66	1,666.18	28.49	59.488		
800.00	796.05	818.05	818.05	3.95	27.41	149.78	431.39	-1,603.01	1,710.62	1,678.51	32.11	53.276		
900.00	893.63	915.63	915.63	4.19	30.85	149.95	431.39	-1,603.01	1,729.60	1,693.85	35.74	48.391		
1,000.00	990.55	1,012.55	1,012.55	4.48	34.26	150.26	431.39	-1,603.01	1,751.11	1,711.73	39.39	44.461		
1,100.00	1,087.39	1,109.39	1,109.39	4.81	37.68	150.66	431.39	-1,603.01	1,772.97	1,729.93	43.04	41.193		
1,200.00	1,184.23	1,206.23	1,206.23	5.17	41.10	151.04	431.39	-1,603.01	1,794.92	1,748.20	46.72	38.422		
1,300.00	1,281.07	1,303.07	1,303.07	5.55	44.52	151.42	431.39	-1,603.01	1,816.93	1,766.53	50.41	36.044		
1,400.00	1,377.91	1,400.09	1,399.91	5.95	47.95	151.79	431.39	-1,603.01	1,839.03	1,784.91	54.12	33.980		
1,500.00	1,474.75	1,503.25	1,496.75	6.36	51.60	152.15	431.39	-1,603.01	1,861.19	1,803.13	58.06	32.056		
1,600.00	1,571.59	1,606.41	1,593.59	6.79	55.24	152.50	431.39	-1,603.01	1,883.43	1,821.41	62.01	30.372		
1,700.00	1,668.44	1,709.56	1,690.44	7.23	58.89	152.85	431.39	-1,603.01	1,905.73	1,839.76	65.97	28.888		
1,800.00	1,765.28	1,787.28	1,787.28	7.67	61.64	153.18	431.39	-1,603.01	1,928.09	1,859.06	69.03	27.929		
1,900.00	1,862.12	1,884.12	1,884.12	7.92	65.07	153.51	431.39	-1,603.01	1,950.52	1,878.09	72.43	26.929		
2,000.00	1,958.96	1,980.96	1,980.96	7.98	68.50	153.83	431.39	-1,603.01	1,973.01	1,897.13	75.88	26.001		
2,100.00	2,055.80	2,077.80	2,077.80	8.06	71.92	154.15	431.39	-1,603.01	1,995.55	1,916.20	79.35	25.148		
2,200.00	2,152.64	2,174.64	2,174.64	8.16	75.35	154.45	431.39	-1,603.01	2,018.16	1,935.32	82.84	24.362		
2,300.00	2,249.48	2,271.48	2,271.48	8.28	78.78	154.75	431.39	-1,603.01	2,040.81	1,954.47	86.35	23.635		
2,400.00	2,346.32	2,368.32	2,368.32	8.42	82.21	155.05	431.39	-1,603.01	2,063.52	1,973.65	89.87	22.961		
2,500.00	2,443.16	2,465.16	2,465.16	8.58	85.64	155.34	431.39	-1,603.01	2,086.28	1,992.87	93.41	22.334		
2,600.00	2,540.00	2,562.00	2,562.00	8.76	89.07	155.62	431.39	-1,603.01	2,109.09	2,012.12	96.97	21.750		
2,700.00	2,636.84	2,658.84	2,658.84	8.95	92.50	155.89	431.39	-1,603.01	2,131.95	2,031.41	100.54	21.205		
2,800.00	2,733.69	2,755.69	2,755.69	9.16	95.93	156.16	431.39	-1,603.01	2,154.85	2,050.73	104.13	20.694		
2,900.00	2,830.53	2,852.53	2,852.53	9.38	99.35	156.43	431.39	-1,603.01	2,177.80	2,070.08	107.73	20.216		
3,000.00	2,927.37	2,949.37	2,949.37	9.61	102.78	156.68	431.39	-1,603.01	2,200.79	2,089.46	111.34	19.767		
3,100.00	3,024.21	3,046.21	3,046.21	9.85	106.21	156.94	431.39	-1,603.01	2,223.83	2,108.87	114.96	19.345		
3,200.00	3,121.05	3,143.05	3,143.05	10.11	109.64	157.18	431.39	-1,603.01	2,246.90	2,128.31	118.59	18.947		
3,300.00	3,217.89	3,239.89	3,239.89	10.38	113.07	157.43	431.39	-1,603.01	2,270.01	2,147.78	122.23	18.571		
3,400.00	3,314.73	3,336.73	3,336.73	10.65	116.50	157.67	431.39	-1,603.01	2,293.16	2,167.28	125.89	18.216		
3,500.00	3,411.57	3,433.57	3,433.57	10.94	119.93	157.90	431.39	-1,603.01	2,316.35	2,186.81	129.55	17.881		
3,600.00	3,508.41	3,530.41	3,530.41	11.23	123.36	158.13	431.39	-1,603.01	2,339.58	2,206.36	133.21	17.563		
3,700.00	3,605.25	3,627.25	3,627.25	11.53	126.79	158.35	431.39	-1,603.01	2,362.84	2,225.95	136.89	17.261		
3,800.00	3,702.09	3,724.09	3,724.09	11.84	130.22	158.57	431.39	-1,603.01	2,386.13	2,245.56	140.57	16.975		
3,900.00	3,798.94	3,820.94	3,820.94	12.15	133.65	158.79	431.39	-1,603.01	2,409.46	2,265.20	144.26	16.703		
4,000.00	3,895.78	3,917.78	3,917.78	12.47	137.08	159.00	431.39	-1,603.01	2,432.81	2,284.87	147.95	16.444		
4,100.00	3,992.62	4,014.62	4,014.62	12.80	140.51	159.21	431.39	-1,603.01	2,456.20	2,304.56	151.65	16.197		
4,200.00	4,089.46	4,111.46	4,111.46	13.13	143.94	159.41	431.39	-1,603.01	2,479.62	2,324.27	155.35	15.962		
4,300.00	4,186.30	4,208.30	4,208.30	13.46	147.37	159.62	431.39	-1,603.01	2,503.05	2,344.00	159.06	15.737		
4,400.00	4,283.14	4,305.14	4,305.14	13.79	150.80	159.83	431.39	-1,603.01	2,526.48	2,363.75	162.77	15.512		
4,500.00	4,379.98	4,401.98	4,401.98	14.12	154.23	160.04	431.39	-1,603.01	2,549.91	2,383.50	166.48	15.287		
4,600.00	4,476.82	4,498.82	4,498.82	14.45	157.66	160.25	431.39	-1,603.01	2,573.34	2,403.25	170.19	15.062		
4,700.00	4,573.66	4,595.66	4,595.66	14.78	161.09	160.46	431.39	-1,603.01	2,596.77	2,423.00	173.90	14.837		
4,800.00	4,670.50	4,692.50	4,692.50	15.11	164.52	160.67	431.39	-1,603.01	2,620.20	2,442.75	177.61	14.612		
4,900.00	4,767.34	4,789.34	4,789.34	15.44	167.95	160.88	431.39	-1,603.01	2,643.63	2,462.50	181.32	14.387		
5,000.00	4,864.18	4,886.18	4,886.18	15.77	171.38	161.09	431.39	-1,603.01	2,667.06	2,482.25	185.03	14.162		
5,100.00	4,961.02	4,983.02	4,983.02	16.10	174.81	161.30	431.39	-1,603.01	2,690.49	2,502.00	188.74	13.937		
5,200.00	5,057.86	5,079.86	5,079.86	16.43	178.24	161.51	431.39	-1,603.01	2,713.92	2,521.75	192.45	13.712		
5,300.00	5,154.70	5,176.70	5,176.70	16.76	181.67	161.72	431.39	-1,603.01	2,737.35	2,541.50	196.16	13.487		
5,400.00	5,251.54	5,273.54	5,273.54	17.09	185.10	161.93	431.39	-1,603.01	2,760.78	2,561.25	199.87	13.262		
5,500.00	5,348.38	5,370.38	5,370.38	17.42	188.53	162.14	431.39	-1,603.01	2,784.21	2,581.00	203.58	13.037		
5,600.00	5,445.22	5,467.22	5,467.22	17.75	191.96	162.35	431.39	-1,603.01	2,807.64	2,600.75	207.29	12.812		
5,700.00	5,542.06	5,564.06	5,564.06	18.08	195.39	162.56	431.39	-1,603.01	2,831.07	2,620.50	211.00	12.587		
5,800.00	5,638.90	5,660.90	5,660.90	18.41	198.82	162.77	431.39	-1,603.01	2,854.50	2,640.25	214.71	12.362		
5,900.00	5,735.74	5,757.74	5,757.74	18.74	202.25	162.98	431.39	-1,603.01	2,877.93	2,660.00	218.42	12.137		
6,000.00	5,832.58	5,854.58	5,854.58	19.07	205.68	163.19	431.39	-1,603.01	2,901.36	2,679.75	222.13	11.912		
6,100.00	5,929.42	5,951.42	5,951.42	19.40	209.11	163.40	431.39	-1,603.01	2,924.79	2,699.50	225.84	11.687		
6,200.00	6,026.26	6,048.26	6,048.26	19.73	212.54	163.61	431.39	-1,603.01	2,948.22	2,719.25	229.55	11.462		
6,300.00	6,123.10	6,145.10	6,145.10	20.06	215.97	163.82	431.39	-1,603.01	2,971.65	2,739.00	233.26	11.237		
6,400.00	6,219.94	6,241.94	6,241.94	20.39	219.40	164.03	431.39	-1,603.01	2,995.08	2,758.75	236.97	11.012		
6,500.00	6,316.78	6,338.78	6,338.78	20.72	222.83	164.24	431.39	-1,603.01	3,018.51	2,778.50	240.68	10.787		
6,600.00	6,413.62	6,435.62	6,435.62	21.05	226.26	164.45	431.39	-1,603.01	3,041.94	2,798.25	244.39	10.562		
6,700.00	6,510.46	6,532.46	6,532.46	21.38	229.69	164.66	431.39	-1,603.01	3,065.37	2,818.00	248.10	10.337		
6,800.00	6,607.30	6,629.30	6,629.30	21.71	233.12	164.87	431.39	-1,603.01	3,088.80	2,837.75	251.81	10.112		
6,900.00	6,704.14	6,726.14	6,726.14	22.04	236.55	165.08	431.39	-1,603.01	3,112.23	2,857.50	255.52	9.887		
7,000.00	6,800.98	6,822.98	6,822.98	22.37	240.00	165.29	431							

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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					
9,100.00	7,329.16	7,351.16	7,351.16	31.97	258.72	90.26	431.39	-1,603.01	1,907.70	1,617.37	290.33	6.571					
9,200.00	7,328.24	7,350.24	7,350.24	33.27	258.69	90.23	431.39	-1,603.01	1,865.17	1,573.40	291.77	6.393					
9,300.00	7,327.32	7,349.32	7,349.32	34.60	258.65	90.20	431.39	-1,603.01	1,827.13	1,533.88	293.26	6.231					
9,400.00	7,326.41	7,348.41	7,348.41	35.96	258.62	90.17	431.39	-1,603.01	1,793.87	1,499.10	294.77	6.086					
9,500.00	7,325.49	7,347.49	7,347.49	37.35	258.59	90.14	431.39	-1,603.01	1,765.65	1,469.36	296.29	5.959					
9,600.00	7,324.58	7,346.58	7,346.58	38.75	258.56	90.11	431.39	-1,603.01	1,742.72	1,444.92	297.80	5.852					
9,700.00	7,323.66	7,345.66	7,345.66	40.17	258.52	90.08	431.39	-1,603.01	1,725.29	1,426.02	299.27	5.765					
9,800.00	7,322.75	7,344.75	7,344.75	41.62	258.49	90.05	431.39	-1,603.01	1,713.52	1,412.84	300.68	5.699					
9,900.00	7,321.83	7,343.83	7,343.83	43.07	258.46	90.02	431.39	-1,603.01	1,707.54	1,405.54	302.00	5.654					
9,952.30	7,321.35	7,343.35	7,343.35	43.84	258.44	90.00	431.39	-1,603.01	1,706.74	1,404.08	302.66	5.639 ES					
10,000.00	7,320.91	7,342.91	7,342.91	44.55	258.43	89.99	431.39	-1,603.01	1,707.41	1,404.18	303.22	5.631					
10,100.00	7,320.00	7,342.00	7,342.00	46.03	258.39	89.95	431.39	-1,603.01	1,713.12	1,408.79	304.33	5.629 SF					
10,200.00	7,319.08	7,341.08	7,341.08	47.53	258.36	89.92	431.39	-1,603.01	1,724.62	1,419.32	305.30	5.649					
10,300.00	7,318.17	7,340.17	7,340.17	49.04	258.33	89.89	431.39	-1,603.01	1,741.79	1,435.66	306.13	5.690					
10,400.00	7,317.25	7,339.25	7,339.25	50.56	258.30	89.86	431.39	-1,603.01	1,764.48	1,457.65	306.83	5.751					
10,500.00	7,316.34	7,338.34	7,338.34	52.09	258.26	89.83	431.39	-1,603.01	1,792.46	1,485.07	307.39	5.831					
10,600.00	7,315.42	7,337.42	7,337.42	53.62	258.23	89.80	431.39	-1,603.01	1,825.50	1,517.68	307.81	5.931					
10,700.00	7,314.50	7,336.50	7,336.50	55.17	258.20	89.77	431.39	-1,603.01	1,863.32	1,555.20	308.12	6.047					
10,800.00	7,313.59	7,335.59	7,335.59	56.72	258.17	89.74	431.39	-1,603.01	1,905.65	1,597.33	308.32	6.181					
10,900.00	7,312.67	7,334.67	7,334.67	58.28	258.13	89.71	431.39	-1,603.01	1,952.18	1,643.77	308.41	6.330					
11,000.00	7,311.76	7,333.76	7,333.76	59.84	258.10	89.68	431.39	-1,603.01	2,002.64	1,694.21	308.42	6.493					
11,100.00	7,310.84	7,332.84	7,332.84	61.41	258.07	89.65	431.39	-1,603.01	2,056.71	1,748.36	308.36	6.670					
11,200.00	7,309.93	7,331.93	7,331.93	62.99	258.04	89.62	431.39	-1,603.01	2,114.14	1,805.91	308.23	6.859					
11,300.00	7,309.01	7,331.01	7,331.01	64.57	258.00	89.59	431.39	-1,603.01	2,174.65	1,866.60	308.05	7.059					
11,400.00	7,308.10	7,330.10	7,330.10	66.15	257.97	89.56	431.39	-1,603.01	2,238.00	1,930.16	307.83	7.270					
11,500.00	7,307.18	7,329.18	7,329.18	67.74	257.94	89.52	431.39	-1,603.01	2,303.94	1,996.36	307.58	7.491					
11,600.00	7,306.26	7,328.26	7,328.26	69.33	257.91	89.49	431.39	-1,603.01	2,372.27	2,064.97	307.30	7.720					
11,700.00	7,305.35	7,327.35	7,327.35	70.93	257.87	89.46	431.39	-1,603.01	2,442.78	2,135.78	307.00	7.957					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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		
0.00	0.00	27.59	27.59	3.28	3.28	-116.09	-746.43	-1,524.11	1,697.08					
100.00	100.00	131.77	131.77	3.28	3.29	-116.11	-746.71	-1,523.68	1,696.82	1,689.46	7.36	230.405		
200.00	200.00	231.49	231.49	3.31	3.33	-116.11	-746.74	-1,523.29	1,696.49	1,689.06	7.43	228.476		
235.07	235.07	266.25	266.24	3.32	3.35	108.12	-746.72	-1,523.18	1,696.43	1,688.97	7.46	227.476		
300.00	299.99	331.01	331.00	3.35	3.40	108.14	-746.72	-1,522.97	1,696.53	1,689.00	7.53	225.194		
400.00	399.88	430.02	430.02	3.41	3.49	108.26	-746.81	-1,522.60	1,697.65	1,689.97	7.69	220.820		
500.00	499.55	526.77	526.76	3.49	3.61	108.46	-746.86	-1,522.43	1,700.05	1,692.16	7.89	215.512		
600.00	598.89	626.98	626.97	3.60	3.74	108.75	-747.15	-1,522.21	1,703.66	1,695.53	8.14	209.398		
700.00	697.76	726.13	726.12	3.75	3.88	109.12	-747.25	-1,521.93	1,708.36	1,699.94	8.43	202.768		
800.00	796.05	818.92	818.92	3.95	3.99	109.54	-747.46	-1,521.93	1,714.63	1,705.91	8.72	196.630		
900.00	893.63	921.33	921.33	4.19	4.05	110.11	-747.20	-1,522.05	1,722.19	1,713.17	9.02	190.866		
1,000.00	990.55	1,016.44	1,016.43	4.48	4.11	110.79	-746.59	-1,522.25	1,730.97	1,721.61	9.36	184.868		
1,100.00	1,087.39	1,109.13	1,109.12	4.81	4.17	111.53	-745.97	-1,522.64	1,740.36	1,730.62	9.74	178.656		
1,200.00	1,184.23	1,203.21	1,203.20	5.17	4.24	112.27	-745.40	-1,523.19	1,750.25	1,740.10	10.15	172.395		
1,300.00	1,281.07	1,298.40	1,298.38	5.55	4.33	113.01	-744.89	-1,523.84	1,760.57	1,749.98	10.60	166.118		
1,400.00	1,377.91	1,404.14	1,404.12	5.95	4.46	113.82	-744.46	-1,524.28	1,771.01	1,759.90	11.10	159.498		
1,500.00	1,474.75	1,491.64	1,491.62	6.36	4.59	114.48	-744.14	-1,524.64	1,781.76	1,770.15	11.61	153.444		
1,600.00	1,571.59	1,585.15	1,585.13	6.79	4.72	115.18	-743.74	-1,525.39	1,793.14	1,781.00	12.14	147.735		
1,700.00	1,668.44	1,677.74	1,677.71	7.23	4.86	115.87	-743.33	-1,526.30	1,804.99	1,792.31	12.68	142.353		
1,800.00	1,765.28	1,775.44	1,775.41	7.67	5.02	116.59	-742.96	-1,527.37	1,817.25	1,804.00	13.25	137.200		
1,900.00	1,862.12	1,875.65	1,875.61	7.92	5.20	117.30	-742.78	-1,528.25	1,829.63	1,816.20	13.43	136.195		
2,000.00	1,958.96	1,973.55	1,973.51	7.98	5.39	118.00	-742.50	-1,528.97	1,842.15	1,828.48	13.66	134.813		
2,100.00	2,055.80	2,068.25	2,068.20	8.06	5.59	118.67	-741.96	-1,529.76	1,854.95	1,841.03	13.92	133.215		
2,200.00	2,152.64	2,164.88	2,164.83	8.16	5.80	119.35	-741.48	-1,530.65	1,868.12	1,853.90	14.21	131.425		
2,300.00	2,249.48	2,269.94	2,269.89	8.28	6.03	120.06	-741.33	-1,531.31	1,881.36	1,866.82	14.54	129.373		
2,400.00	2,346.32	2,365.06	2,365.00	8.42	6.22	120.68	-741.45	-1,531.51	1,894.52	1,879.67	14.85	127.606		
2,500.00	2,443.16	2,462.80	2,462.74	8.58	6.38	121.30	-741.98	-1,531.84	1,908.11	1,892.97	15.14	126.012		
2,600.00	2,540.00	2,569.16	2,569.10	8.76	6.53	121.97	-742.58	-1,531.84	1,921.62	1,906.18	15.44	124.455		
2,700.00	2,636.84	2,671.77	2,671.71	8.95	6.66	122.60	-742.95	-1,531.40	1,934.89	1,919.15	15.74	122.946		
2,800.00	2,733.69	2,758.20	2,758.13	9.16	6.80	123.14	-743.01	-1,531.13	1,948.44	1,932.39	16.05	121.418		
2,900.00	2,830.53	2,851.39	2,851.32	9.38	6.96	123.70	-743.45	-1,531.37	1,962.81	1,946.41	16.40	119.697		
3,000.00	2,927.37	2,950.39	2,950.32	9.61	7.13	124.28	-744.17	-1,531.38	1,977.19	1,960.42	16.78	117.860		
3,100.00	3,024.21	3,042.72	3,042.65	9.85	7.30	124.81	-744.97	-1,531.50	1,991.91	1,974.75	17.16	116.088		
3,200.00	3,121.05	3,138.53	3,138.46	10.11	7.49	125.35	-746.02	-1,531.80	2,007.02	1,989.45	17.57	114.223		
3,300.00	3,217.89	3,241.00	3,240.91	10.38	7.70	125.91	-747.31	-1,531.92	2,022.14	2,004.13	18.01	112.272		
3,400.00	3,314.73	3,343.91	3,343.82	10.65	7.90	126.47	-748.58	-1,531.77	2,037.18	2,018.72	18.46	110.359		
3,500.00	3,411.57	3,444.19	3,444.09	10.94	8.10	127.00	-749.82	-1,531.34	2,052.12	2,033.21	18.91	108.515		
3,600.00	3,508.41	3,540.18	3,540.07	11.23	8.30	127.51	-750.82	-1,530.95	2,067.22	2,047.86	19.36	106.752		
3,700.00	3,605.25	3,633.25	3,633.14	11.53	8.50	128.00	-751.69	-1,530.65	2,082.58	2,062.75	19.83	105.026		
3,800.00	3,702.09	3,725.43	3,725.31	11.84	8.71	128.49	-752.23	-1,530.69	2,098.40	2,078.09	20.31	103.326		
3,900.00	3,798.94	3,822.75	3,822.64	12.15	8.94	129.00	-752.55	-1,530.68	2,114.33	2,093.52	20.81	101.611		
4,000.00	3,895.78	3,905.31	3,905.19	12.47	9.13	129.43	-752.72	-1,531.06	2,130.87	2,109.60	21.27	100.171		
4,100.00	3,992.62	4,009.27	4,009.15	12.80	9.37	129.97	-752.79	-1,531.69	2,147.71	2,125.91	21.80	98.521		
4,200.00	4,089.46	4,111.03	4,110.91	13.13	9.61	130.49	-752.87	-1,532.02	2,164.45	2,142.12	22.34	96.903		
4,300.00	4,186.30	4,210.05	4,209.94	13.46	9.86	130.99	-752.94	-1,532.18	2,181.19	2,158.31	22.88	95.339		
4,400.00	4,283.14	4,302.60	4,302.48	13.80	10.10	131.45	-753.08	-1,532.39	2,198.14	2,174.73	23.41	93.896		
4,500.00	4,379.98	4,401.96	4,401.83	14.15	10.36	131.92	-753.74	-1,532.67	2,215.33	2,191.36	23.97	92.425		
4,600.00	4,476.82	4,500.58	4,500.45	14.49	10.61	132.38	-754.40	-1,532.80	2,232.50	2,207.98	24.52	91.030		
4,700.00	4,573.66	4,594.35	4,594.22	14.84	10.86	132.81	-755.09	-1,532.96	2,249.85	2,224.78	25.07	89.729		
4,800.00	4,670.50	4,691.67	4,691.54	15.20	11.12	133.25	-755.88	-1,533.18	2,267.39	2,241.75	25.64	88.429		
4,900.00	4,767.35	4,777.96	4,777.83	15.56	11.35	133.63	-756.37	-1,533.55	2,285.25	2,259.08	26.18	87.298		
5,000.00	4,864.19	4,870.64	4,870.50	15.92	11.58	134.05	-756.51	-1,534.30	2,303.62	2,276.91	26.71	86.232		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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		
5,100.00	4,961.03	4,963.72	4,963.57	16.28	11.79	134.48	-756.13	-1,535.15	2,322.23	2,294.99	27.23	85.271		
5,200.00	5,057.87	5,062.75	5,062.60	16.64	12.02	134.93	-755.81	-1,536.15	2,341.07	2,313.29	27.78	84.275		
5,300.00	5,154.71	5,159.71	5,159.56	17.01	12.25	135.35	-755.70	-1,536.97	2,359.87	2,331.55	28.33	83.308		
5,400.00	5,251.55	5,257.68	5,257.52	17.38	12.48	135.78	-755.27	-1,537.85	2,378.87	2,350.00	28.87	82.390		
5,500.00	5,348.39	5,351.62	5,351.46	17.75	12.70	136.19	-754.98	-1,538.62	2,397.91	2,368.50	29.41	81.526		
5,600.00	5,445.23	5,444.75	5,444.59	18.13	12.93	136.58	-754.70	-1,539.61	2,417.32	2,387.35	29.96	80.675		
5,700.00	5,542.07	5,550.24	5,550.07	18.50	13.21	137.01	-754.75	-1,540.66	2,436.75	2,406.18	30.57	79.714		
5,800.00	5,638.91	5,654.85	5,654.68	18.88	13.49	137.43	-754.73	-1,541.19	2,455.82	2,424.65	31.18	78.775		
5,900.00	5,735.75	5,752.47	5,752.29	19.26	13.74	137.82	-754.65	-1,541.57	2,474.91	2,443.16	31.75	77.958		
6,000.00	5,832.60	5,849.50	5,849.32	19.64	13.98	138.21	-754.41	-1,541.91	2,494.08	2,461.77	32.31	77.199		
7,500.00	7,215.10	7,228.06	7,227.80	23.24	17.67	30.71	-765.83	-1,547.14	2,429.27	2,390.10	39.17	62.017		
7,600.00	7,267.63	7,281.36	7,281.10	23.15	17.80	34.65	-766.45	-1,547.55	2,349.00	2,309.71	39.29	59.793		
7,700.00	7,306.52	7,321.07	7,320.80	23.04	17.98	42.55	-766.91	-1,547.86	2,261.26	2,221.77	39.49	57.268		
7,800.00	7,330.84	7,346.20	7,345.93	22.92	18.16	57.88	-767.20	-1,548.06	2,168.21	2,128.51	39.70	54.613		
7,900.00	7,339.97	7,356.13	7,355.87	22.81	18.23	85.70	-767.31	-1,548.14	2,072.13	2,032.27	39.85	51.996		
8,000.00	7,339.23	7,356.19	7,355.92	22.72	18.23	90.92	-767.31	-1,548.14	1,975.33	1,935.37	39.97	49.424		
8,100.00	7,338.31	7,356.07	7,355.80	22.74	18.23	90.91	-767.31	-1,548.14	1,878.87	1,838.76	40.11	46.847		
8,200.00	7,337.40	7,355.95	7,355.68	22.95	18.23	90.90	-767.31	-1,548.13	1,782.79	1,742.52	40.28	44.265		
8,300.00	7,336.48	7,355.82	7,355.56	23.46	18.22	90.88	-767.31	-1,548.13	1,687.17	1,646.69	40.48	41.678		
8,400.00	7,335.57	7,355.70	7,355.43	24.21	18.22	90.87	-767.31	-1,548.13	1,592.09	1,551.36	40.73	39.088		
8,500.00	7,334.65	7,355.58	7,355.31	25.11	18.22	90.85	-767.31	-1,548.13	1,497.65	1,456.61	41.04	36.496		
8,600.00	7,333.73	7,355.45	7,355.19	26.11	18.22	90.84	-767.31	-1,548.13	1,403.98	1,362.57	41.41	33.904		
8,700.00	7,332.82	7,355.33	7,355.07	27.17	18.22	90.83	-767.30	-1,548.13	1,311.24	1,269.37	41.87	31.317		
8,800.00	7,331.90	7,355.21	7,354.94	28.30	18.22	90.81	-767.30	-1,548.13	1,219.65	1,177.21	42.44	28.740		
8,900.00	7,330.99	7,355.09	7,354.82	29.48	18.22	90.80	-767.30	-1,548.13	1,129.49	1,086.35	43.14	26.182		
9,000.00	7,330.07	7,354.96	7,354.70	30.71	18.22	90.78	-767.30	-1,548.13	1,041.13	997.12	44.01	23.655		
9,100.00	7,329.16	7,354.84	7,354.57	31.97	18.22	90.77	-767.30	-1,548.13	955.07	909.97	45.10	21.177		
9,200.00	7,328.24	7,354.72	7,354.45	33.27	18.22	90.76	-767.30	-1,548.13	871.98	825.53	46.45	18.772		
9,300.00	7,327.32	7,354.59	7,354.33	34.60	18.22	90.74	-767.30	-1,548.12	792.81	744.69	48.12	16.476		
9,400.00	7,326.41	7,354.47	7,354.21	35.96	18.22	90.73	-767.29	-1,548.12	718.86	668.70	50.15	14.333		
9,500.00	7,325.49	7,354.35	7,354.08	37.35	18.21	90.72	-767.29	-1,548.12	651.89	599.33	52.56	12.404		
9,600.00	7,324.58	7,354.23	7,353.96	38.75	18.21	90.70	-767.29	-1,548.12	594.27	539.02	55.24	10.757		
9,700.00	7,323.66	7,354.10	7,353.84	40.17	18.21	90.69	-767.29	-1,548.12	548.96	490.98	57.98	9.468		
9,800.00	7,322.75	7,353.98	7,353.72	41.62	18.21	90.67	-767.29	-1,548.12	519.19	458.86	60.33	8.606		
9,900.00	7,321.83	7,353.86	7,353.59	43.07	18.21	90.66	-767.29	-1,548.12	507.70	445.93	61.77	8.219		
9,909.00	7,321.75	7,353.85	7,353.58	43.21	18.21	90.66	-767.29	-1,548.12	507.62	445.77	61.84	8.208 CC, ES, SF		
10,000.00	7,320.91	7,353.74	7,353.47	44.55	18.21	90.65	-767.29	-1,548.12	515.71	453.73	61.98	8.321		
10,100.00	7,320.00	7,353.61	7,353.35	46.03	18.21	90.63	-767.28	-1,548.12	542.36	481.33	61.03	8.886		
10,200.00	7,319.08	7,353.49	7,353.22	47.53	18.21	90.62	-767.28	-1,548.12	585.11	525.78	59.33	9.861		
10,300.00	7,318.17	7,353.37	7,353.10	49.04	18.21	90.60	-767.28	-1,548.11	640.75	583.42	57.33	11.177		
10,400.00	7,317.25	7,353.24	7,352.98	50.56	18.21	90.59	-767.28	-1,548.11	706.23	650.90	55.33	12.764		
10,500.00	7,316.34	7,353.12	7,352.86	52.09	18.21	90.58	-767.28	-1,548.11	779.08	725.57	53.50	14.561		
10,600.00	7,315.42	7,353.00	7,352.73	53.62	18.21	90.56	-767.28	-1,548.11	857.41	805.51	51.91	16.518		
10,700.00	7,314.50	7,352.88	7,352.61	55.17	18.20	90.55	-767.28	-1,548.11	939.87	889.33	50.55	18.595		
10,800.00	7,313.59	7,352.75	7,352.49	56.72	18.20	90.54	-767.27	-1,548.11	1,025.46	976.06	49.39	20.761		
10,900.00	7,312.67	7,352.63	7,352.36	58.28	18.20	90.52	-767.27	-1,548.11	1,113.45	1,065.02	48.43	22.992		
11,000.00	7,311.76	7,352.51	7,352.24	59.84	18.20	90.51	-767.27	-1,548.11	1,203.31	1,155.70	47.61	25.273		
11,100.00	7,310.84	7,352.38	7,352.12	61.41	18.20	90.49	-767.27	-1,548.11	1,294.67	1,247.74	46.93	27.589		
11,200.00	7,309.93	7,352.26	7,352.00	62.99	18.20	90.48	-767.27	-1,548.11	1,387.21	1,340.87	46.35	29.930		
11,300.00	7,309.01	7,352.14	7,351.87	64.57	18.20	90.47	-767.27	-1,548.11	1,480.73	1,434.87	45.86	32.290		
11,400.00	7,308.10	7,352.02	7,351.75	66.15	18.20	90.45	-767.27	-1,548.10	1,575.04	1,529.60	45.44	34.661		
11,500.00	7,307.18	7,351.89	7,351.63	67.74	18.20	90.44	-767.26	-1,548.10	1,670.02	1,624.93	45.09	37.040		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	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	
11,600.00	7,306.26	7,351.77	7,351.51	69.33	18.20	90.42	-767.26	-1,548.10	1,765.55	1,720.76	44.78	39.424	
11,700.00	7,305.35	7,351.65	7,351.38	70.93	18.20	90.41	-767.26	-1,548.10	1,861.55	1,817.02	44.52	41.809	
11,800.00	7,304.43	7,351.53	7,351.26	72.53	18.19	90.40	-767.26	-1,548.10	1,957.95	1,913.64	44.30	44.194	
11,900.00	7,303.52	7,351.40	7,351.14	74.13	18.19	90.38	-767.26	-1,548.10	2,054.69	2,010.58	44.12	46.576	
12,000.00	7,302.60	7,351.28	7,351.01	75.74	18.19	90.37	-767.26	-1,548.10	2,151.73	2,107.78	43.95	48.954	
12,100.00	7,301.69	7,351.16	7,350.89	77.34	18.19	90.35	-767.26	-1,548.10	2,249.04	2,205.22	43.82	51.327	
12,200.00	7,300.77	7,351.03	7,350.77	78.96	18.19	90.34	-767.25	-1,548.10	2,346.56	2,302.86	43.70	53.695	
12,300.00	7,299.85	7,350.91	7,350.65	80.57	18.19	90.33	-767.25	-1,548.10	2,444.29	2,400.69	43.60	56.056	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design 6N-67W-01 Offsets Incomplete - CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual VES Surveys												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_VESSI GyroFlex V4, 6210-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	
14,100.00	7,283.37	7,285.22	7,284.97	109.92	42.12	-90.26	-3,465.54	-6,940.37	2,465.42	2,329.54	135.88	18.144	
14,200.00	7,282.46	7,284.86	7,284.61	111.56	42.11	-90.25	-3,465.54	-6,940.37	2,417.19	2,277.92	139.28	17.356	
14,300.00	7,281.54	7,284.50	7,284.25	113.20	42.10	-90.24	-3,465.54	-6,940.37	2,372.20	2,229.51	142.69	16.625	
14,400.00	7,280.63	7,284.14	7,283.89	114.85	42.08	-90.23	-3,465.54	-6,940.37	2,330.63	2,184.54	146.10	15.953	
14,500.00	7,279.71	7,283.78	7,283.53	116.49	42.07	-90.23	-3,465.54	-6,940.37	2,292.68	2,143.21	149.47	15.338	
14,600.00	7,278.79	7,283.42	7,283.17	118.14	42.06	-90.22	-3,465.55	-6,940.36	2,258.52	2,105.72	152.79	14.781	
14,700.00	7,277.88	7,283.06	7,282.81	119.79	42.05	-90.21	-3,465.55	-6,940.36	2,228.32	2,072.29	156.03	14.281	
14,800.00	7,276.96	7,282.70	7,282.45	121.43	42.03	-90.20	-3,465.55	-6,940.36	2,202.26	2,043.11	159.15	13.838	
14,900.00	7,276.05	7,282.34	7,282.09	123.08	42.02	-90.19	-3,465.55	-6,940.36	2,180.47	2,018.35	162.12	13.450	
15,000.00	7,275.13	7,281.98	7,281.73	124.73	42.01	-90.18	-3,465.55	-6,940.36	2,163.09	1,998.17	164.92	13.116	
15,100.00	7,274.22	7,281.62	7,281.37	126.38	42.00	-90.17	-3,465.55	-6,940.35	2,150.23	1,982.72	167.51	12.836	
15,200.00	7,273.30	7,281.26	7,281.01	128.03	41.99	-90.16	-3,465.55	-6,940.35	2,141.96	1,972.09	169.87	12.609	
15,300.00	7,272.38	7,280.90	7,280.65	129.68	41.97	-90.15	-3,465.55	-6,940.35	2,138.34	1,966.36	171.98	12.433	
15,327.42	7,272.13	7,280.80	7,280.56	130.13	41.97	-90.15	-3,465.55	-6,940.35	2,138.17	1,965.65	172.52	12.394 CC	
15,400.00	7,271.47	7,280.54	7,280.29	131.33	41.96	-90.14	-3,465.55	-6,940.35	2,139.40	1,965.57	173.83	12.308 ES	
15,500.00	7,270.55	7,280.18	7,279.93	132.98	41.95	-90.13	-3,465.55	-6,940.35	2,145.12	1,969.73	175.39	12.231	
15,551.16	7,270.08	7,280.00	7,279.75	133.83	41.94	-90.12	-3,465.55	-6,940.35	2,149.84	1,973.76	176.08	12.210 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 152-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,700.00	7,287.03	9,753.50	7,126.56	103.36	67.89	-21.55	-1,396.63	-7,772.21	2,446.34	2,356.23	90.10	27.150	
13,800.00	7,286.12	9,755.07	7,126.58	105.00	67.93	-21.04	-1,395.06	-7,772.27	2,346.58	2,256.42	90.16	26.028	
13,900.00	7,285.20	9,756.69	7,126.60	106.64	67.96	-20.52	-1,393.44	-7,772.32	2,246.84	2,156.63	90.21	24.907	
14,000.00	7,284.29	9,762.00	7,126.66	108.28	68.07	-18.79	-1,388.13	-7,772.52	2,147.13	2,056.75	90.37	23.758	
14,100.00	7,283.37	9,762.00	7,126.66	109.92	68.07	-18.79	-1,388.13	-7,772.52	2,047.43	1,957.06	90.37	22.656	
14,200.00	7,282.46	9,762.00	7,126.66	111.56	68.07	-18.79	-1,388.13	-7,772.52	1,947.77	1,857.41	90.36	21.554	
14,300.00	7,281.54	9,762.00	7,126.66	113.20	68.07	-18.79	-1,388.13	-7,772.52	1,848.14	1,757.79	90.36	20.454	
14,400.00	7,280.63	9,762.00	7,126.66	114.85	68.07	-18.79	-1,388.13	-7,772.52	1,748.56	1,658.22	90.34	19.355	
14,500.00	7,279.71	9,762.00	7,126.66	116.49	68.07	-18.79	-1,388.13	-7,772.52	1,649.03	1,558.70	90.33	18.256	
14,600.00	7,278.79	9,762.00	7,126.66	118.14	68.07	-18.79	-1,388.13	-7,772.52	1,549.55	1,459.24	90.31	17.158	
14,700.00	7,277.88	9,762.00	7,126.66	119.79	68.07	-18.79	-1,388.13	-7,772.52	1,450.15	1,359.85	90.30	16.060	
14,800.00	7,276.96	9,762.00	7,126.66	121.43	68.07	-18.79	-1,388.13	-7,772.52	1,350.84	1,260.55	90.28	14.962	
14,900.00	7,276.05	9,770.82	7,126.77	123.08	68.26	-15.84	-1,379.33	-7,772.90	1,251.56	1,161.00	90.56	13.820	
15,000.00	7,275.13	9,772.55	7,126.79	124.73	68.29	-15.24	-1,377.59	-7,772.98	1,152.46	1,061.84	90.62	12.717	
15,100.00	7,274.22	9,774.45	7,126.81	126.38	68.34	-14.59	-1,375.70	-7,773.07	1,053.53	962.82	90.71	11.614	
15,200.00	7,273.30	9,776.54	7,126.84	128.03	68.38	-13.86	-1,373.61	-7,773.18	954.80	863.96	90.84	10.511	
15,300.00	7,272.38	9,778.86	7,126.86	129.68	68.43	-13.06	-1,371.29	-7,773.30	856.37	765.32	91.05	9.406	
15,400.00	7,271.47	9,781.44	7,126.89	131.33	68.48	-12.15	-1,368.72	-7,773.45	758.32	666.95	91.38	8.299	
15,500.00	7,270.55	9,784.33	7,126.92	132.98	68.54	-11.13	-1,365.83	-7,773.62	660.85	568.94	91.91	7.190	
15,551.16	7,270.08	9,785.94	7,126.94	133.83	68.58	-10.55	-1,364.22	-7,773.71	611.29	518.98	92.31	6.622 CC, ES, SF	

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Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	16.00	16.00	3.28	3.28	2.97	2,490.05	128.99	2,493.39					
100.00	100.00	116.00	116.00	3.28	3.28	2.97	2,490.05	128.99	2,493.39	2,485.97	7.42	336.022		
200.00	200.00	226.39	226.39	3.31	3.31	2.97	2,489.99	129.01	2,493.35	2,485.88	7.47	333.793		
300.00	299.99	391.32	391.28	3.35	3.39	-132.82	2,487.09	130.19	2,492.39	2,484.80	7.59	328.497		
400.00	399.88	556.19	555.96	3.41	3.53	-132.88	2,479.80	133.17	2,491.15	2,483.38	7.77	320.484		
500.00	499.55	720.99	720.27	3.49	3.75	-133.01	2,468.14	137.94	2,489.69	2,481.65	8.04	309.815		
600.00	598.89	885.71	884.08	3.60	4.05	-133.18	2,452.11	144.49	2,488.01	2,479.63	8.38	296.995		
700.00	697.76	1,050.34	1,047.23	3.75	4.46	-133.41	2,431.74	152.82	2,486.12	2,477.32	8.80	282.542		
800.00	796.05	1,214.87	1,209.57	3.95	4.98	-133.69	2,407.06	162.90	2,484.05	2,474.74	9.30	267.017		
900.00	893.63	1,379.29	1,370.98	4.19	5.61	-134.02	2,378.10	174.74	2,481.81	2,471.91	9.89	250.863		
1,000.00	990.55	1,543.61	1,531.33	4.48	6.37	-134.38	2,344.88	188.32	2,479.01	2,468.44	10.57	234.545		
1,100.00	1,087.39	1,684.31	1,667.79	4.81	7.11	-134.64	2,313.17	201.28	2,474.03	2,462.78	11.25	219.835		
1,200.00	1,184.23	1,783.86	1,764.18	5.17	7.67	-134.82	2,290.13	210.69	2,468.55	2,456.68	11.87	207.926		
1,300.00	1,281.07	1,883.40	1,860.56	5.55	8.24	-135.00	2,267.09	220.11	2,463.10	2,450.58	12.52	196.800		
1,400.00	1,377.91	1,982.95	1,956.94	5.95	8.82	-135.18	2,244.05	229.53	2,457.67	2,444.49	13.18	186.468		
1,500.00	1,474.75	2,082.49	2,053.33	6.36	9.41	-135.36	2,221.01	238.94	2,452.26	2,438.40	13.86	176.911		
1,600.00	1,571.59	2,182.04	2,149.71	6.79	10.01	-135.55	2,197.97	248.36	2,446.88	2,432.33	14.56	168.090		
1,700.00	1,668.44	2,281.59	2,246.10	7.23	10.62	-135.73	2,174.93	257.78	2,441.53	2,426.26	15.26	159.954		
1,800.00	1,765.28	2,381.13	2,342.48	7.67	11.23	-135.92	2,151.89	267.20	2,436.20	2,420.22	15.98	152.451		
1,900.00	1,862.12	2,480.68	2,438.86	7.92	11.85	-136.10	2,128.85	276.61	2,430.90	2,414.58	16.32	148.952		
2,000.00	1,958.96	2,580.22	2,535.25	7.98	12.47	-136.29	2,105.81	286.03	2,425.62	2,408.90	16.72	145.113		
2,100.00	2,055.80	2,679.77	2,631.63	8.06	13.09	-136.48	2,082.77	295.45	2,420.36	2,403.23	17.13	141.284		
2,200.00	2,152.64	2,779.32	2,728.01	8.16	13.72	-136.66	2,059.73	304.86	2,415.14	2,397.57	17.57	137.484		
2,300.00	2,249.48	2,878.86	2,824.40	8.28	14.35	-136.85	2,036.68	314.28	2,409.94	2,391.92	18.02	133.730		
2,400.00	2,346.32	2,978.41	2,920.78	8.42	14.98	-137.04	2,013.64	323.70	2,404.77	2,386.27	18.49	130.038		
2,500.00	2,443.16	3,077.95	3,017.17	8.58	15.61	-137.23	1,990.60	333.11	2,399.62	2,380.64	18.98	126.420		
2,600.00	2,540.00	3,177.50	3,113.55	8.76	16.25	-137.43	1,967.56	342.53	2,394.50	2,375.01	19.49	122.886		
2,700.00	2,636.84	3,277.04	3,209.93	8.95	16.88	-137.62	1,944.52	351.95	2,389.41	2,369.40	20.00	119.445		
2,800.00	2,733.69	3,376.59	3,306.32	9.16	17.52	-137.81	1,921.48	361.36	2,384.34	2,363.80	20.54	116.103		
2,900.00	2,830.53	3,476.14	3,402.70	9.38	18.16	-138.00	1,898.44	370.78	2,379.30	2,358.22	21.08	112.865		
3,000.00	2,927.37	3,575.68	3,499.09	9.61	18.80	-138.20	1,875.40	380.20	2,374.29	2,352.65	21.64	109.732		
3,100.00	3,024.21	3,675.23	3,595.47	9.85	19.44	-138.39	1,852.36	389.62	2,369.31	2,347.10	22.20	106.708		
3,200.00	3,121.05	3,774.77	3,691.85	10.11	20.08	-138.59	1,829.32	399.03	2,364.35	2,341.57	22.78	103.792		
3,300.00	3,217.89	3,874.32	3,788.24	10.38	20.73	-138.79	1,806.28	408.45	2,359.42	2,336.06	23.36	100.983		
3,400.00	3,314.73	3,973.87	3,884.62	10.65	21.37	-138.99	1,783.24	417.87	2,354.52	2,330.57	23.96	98.281		
3,500.00	3,411.57	4,073.41	3,981.01	10.94	22.01	-139.18	1,760.20	427.28	2,349.65	2,325.09	24.56	95.682		
3,600.00	3,508.41	4,172.96	4,077.39	11.23	22.66	-139.38	1,737.16	436.70	2,344.81	2,319.65	25.16	93.184		
3,700.00	3,605.25	4,272.50	4,173.77	11.53	23.30	-139.58	1,714.12	446.12	2,339.99	2,314.22	25.78	90.784		
3,800.00	3,702.09	4,372.05	4,270.16	11.84	23.95	-139.79	1,691.08	455.53	2,335.21	2,308.82	26.39	88.480		
3,900.00	3,798.94	4,471.60	4,366.54	12.15	24.60	-139.99	1,668.04	464.95	2,330.45	2,303.44	27.01	86.266		
4,000.00	3,895.78	4,571.14	4,462.92	12.47	25.24	-140.19	1,645.00	474.37	2,325.73	2,298.09	27.64	84.141		
4,100.00	3,992.62	4,670.69	4,559.31	12.80	25.89	-140.39	1,621.95	483.78	2,321.03	2,292.76	28.27	82.100		
4,200.00	4,089.46	4,770.23	4,655.69	13.13	26.54	-140.60	1,598.91	493.20	2,316.36	2,287.46	28.90	80.140		
4,300.00	4,186.30	4,869.78	4,752.08	13.46	27.19	-140.80	1,575.87	502.62	2,311.72	2,282.18	29.54	78.257		
4,400.00	4,283.14	4,969.33	4,848.46	13.80	27.84	-141.01	1,552.83	512.03	2,307.11	2,276.94	30.18	76.448		
4,500.00	4,379.98	5,068.87	4,944.84	14.15	28.48	-141.22	1,529.79	521.45	2,302.54	2,271.72	30.82	74.710		
4,600.00	4,476.82	5,168.42	5,041.23	14.49	29.13	-141.43	1,506.75	530.87	2,297.99	2,266.53	31.46	73.038		
4,700.00	4,573.66	5,232.97	5,103.85	14.84	29.45	-141.56	1,492.25	536.80	2,294.20	2,262.24	31.96	71.787		
4,800.00	4,670.50	5,300.00	5,169.14	15.20	29.74	-141.72	1,478.22	542.53	2,292.03	2,259.59	32.44	70.650		
4,884.73	4,752.56	5,349.80	5,217.82	15.50	29.94	-141.84	1,468.49	546.51	2,291.45	2,258.62	32.82	69.813 CC		
4,900.00	4,767.35	5,359.45	5,227.27	15.56	29.98	-141.86	1,466.67	547.25	2,291.46	2,258.57	32.89	69.665 ES		
5,000.00	4,864.19	5,422.61	5,289.23	15.92	30.22	-142.02	1,455.32	551.89	2,292.52	2,259.18	33.34	68.754		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
Survey Program: 100-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (")	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,100.00	4,961.03	5,485.68	5,351.29	16.28	30.45	-142.18	1,444.94	556.13	2,295.20	2,261.42	33.78	67.937	
5,200.00	5,057.87	5,548.61	5,413.39	16.64	30.66	-142.36	1,435.52	559.98	2,299.51	2,265.29	34.21	67.214	
5,300.00	5,154.71	5,600.00	5,464.22	17.01	30.83	-142.50	1,428.54	562.84	2,305.48	2,270.88	34.60	66.637	
5,400.00	5,251.55	5,673.93	5,537.52	17.38	31.04	-142.72	1,419.60	566.49	2,312.99	2,277.95	35.03	66.021	
5,500.00	5,348.39	5,736.27	5,599.45	17.75	31.21	-142.91	1,413.08	569.15	2,322.16	2,286.73	35.43	65.547	
5,600.00	5,445.23	5,800.00	5,662.89	18.13	31.37	-143.11	1,407.39	571.48	2,332.96	2,297.14	35.82	65.137	
5,700.00	5,542.07	5,860.11	5,722.80	18.50	31.50	-143.30	1,402.92	573.31	2,345.36	2,309.18	36.18	64.825	
5,800.00	5,638.91	5,921.56	5,784.12	18.88	31.62	-143.50	1,399.25	574.81	2,359.38	2,322.84	36.54	64.570	
5,900.00	5,735.75	5,982.65	5,845.15	19.26	31.73	-143.70	1,396.51	575.93	2,374.99	2,338.10	36.89	64.383	
6,000.00	5,832.60	6,043.37	5,905.83	19.64	31.82	-143.91	1,394.68	576.67	2,392.20	2,354.97	37.23	64.263	
6,100.00	5,929.44	6,100.00	5,962.45	20.02	31.89	-144.11	1,393.78	577.04	2,410.99	2,373.45	37.54	64.222	
6,200.00	6,026.28	6,179.82	6,042.28	20.40	32.00	-144.39	1,393.61	577.11	2,431.20	2,393.26	37.94	64.077	
6,300.00	6,123.12	6,276.67	6,139.12	20.79	32.12	-144.72	1,393.61	577.11	2,451.73	2,413.32	38.41	63.837	
6,400.00	6,219.96	6,373.51	6,235.96	21.17	32.24	-145.05	1,393.61	577.11	2,472.34	2,433.47	38.87	63.600	
6,500.00	6,316.80	6,470.35	6,332.80	21.56	32.36	-145.38	1,393.61	577.11	2,493.03	2,453.69	39.34	63.366 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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	
12,300.00	7,299.85	7,641.68	7,345.66	80.57	44.77	91.42	493.51	-5,582.65	2,434.95	2,343.44	91.50	26.610	
12,400.00	7,298.94	7,641.22	7,345.20	82.19	44.77	91.40	493.52	-5,582.65	2,369.13	2,274.55	94.58	25.049	
12,500.00	7,298.02	7,640.76	7,344.74	83.80	44.77	91.39	493.53	-5,582.64	2,305.78	2,207.97	97.81	23.573	
12,600.00	7,297.11	7,640.30	7,344.29	85.42	44.77	91.37	493.54	-5,582.64	2,245.09	2,143.90	101.19	22.186	
12,700.00	7,296.19	7,639.85	7,343.83	87.05	44.77	91.36	493.55	-5,582.64	2,187.29	2,082.58	104.71	20.888	
12,800.00	7,295.28	7,639.40	7,343.38	88.67	44.77	91.35	493.56	-5,582.64	2,132.62	2,024.27	108.36	19.682	
12,900.00	7,294.36	7,638.95	7,342.93	90.30	44.77	91.33	493.57	-5,582.64	2,081.32	1,969.22	112.10	18.566	
13,000.00	7,293.44	7,638.50	7,342.48	91.92	44.77	91.32	493.58	-5,582.63	2,033.64	1,917.72	115.93	17.543	
13,100.00	7,292.53	7,638.05	7,342.04	93.55	44.76	91.30	493.59	-5,582.63	1,989.86	1,870.06	119.79	16.611	
13,200.00	7,291.61	7,637.61	7,341.59	95.18	44.76	91.29	493.60	-5,582.63	1,950.22	1,826.55	123.67	15.770	
13,300.00	7,290.70	7,637.17	7,341.15	96.82	44.76	91.28	493.60	-5,582.63	1,914.98	1,787.48	127.50	15.019	
13,400.00	7,289.78	7,636.73	7,340.71	98.45	44.76	91.26	493.61	-5,582.63	1,884.40	1,753.15	131.25	14.357	
13,500.00	7,288.87	7,636.29	7,340.28	100.08	44.76	91.25	493.62	-5,582.63	1,858.71	1,723.85	134.85	13.783	
13,600.00	7,287.95	7,635.86	7,339.84	101.72	44.76	91.23	493.63	-5,582.62	1,838.10	1,699.83	138.26	13.294	
13,700.00	7,287.03	7,635.43	7,339.41	103.36	44.76	91.22	493.64	-5,582.62	1,822.75	1,681.32	141.43	12.888	
13,800.00	7,286.12	7,635.00	7,338.98	105.00	44.76	91.21	493.65	-5,582.62	1,812.80	1,668.50	144.29	12.563	
13,900.00	7,285.20	7,634.57	7,338.55	106.64	44.76	91.19	493.66	-5,582.62	1,808.33	1,661.50	146.82	12.316	
13,930.93	7,284.92	7,634.44	7,338.42	107.14	44.76	91.19	493.66	-5,582.62	1,808.06	1,660.53	147.53	12.255 CC	
14,000.00	7,284.29	7,634.14	7,338.13	108.28	44.76	91.18	493.67	-5,582.62	1,809.38	1,660.40	148.98	12.145 ES	
14,100.00	7,283.37	7,633.72	7,337.70	109.92	44.76	91.17	493.68	-5,582.61	1,815.95	1,665.20	150.75	12.046	
14,200.00	7,282.46	7,633.30	7,337.28	111.56	44.76	91.15	493.69	-5,582.61	1,827.97	1,675.86	152.11	12.017 SF	
14,300.00	7,281.54	7,632.88	7,336.86	113.20	44.76	91.14	493.69	-5,582.61	1,845.35	1,692.28	153.07	12.056	
14,400.00	7,280.63	7,632.46	7,336.44	114.85	44.76	91.13	493.70	-5,582.61	1,867.92	1,714.28	153.64	12.158	
14,500.00	7,279.71	7,632.04	7,336.03	116.49	44.76	91.11	493.71	-5,582.61	1,895.50	1,741.66	153.84	12.321	
14,600.00	7,278.79	7,631.63	7,335.61	118.14	44.76	91.10	493.72	-5,582.61	1,927.88	1,774.18	153.70	12.543	
14,700.00	7,277.88	7,631.22	7,335.20	119.79	44.76	91.09	493.73	-5,582.60	1,964.83	1,811.57	153.25	12.821	
14,800.00	7,276.96	7,630.81	7,334.79	121.43	44.76	91.07	493.74	-5,582.60	2,006.08	1,853.54	152.54	13.151	
14,900.00	7,276.05	7,630.40	7,334.38	123.08	44.76	91.06	493.75	-5,582.60	2,051.38	1,899.79	151.59	13.532	
15,000.00	7,275.13	7,629.99	7,333.98	124.73	44.75	91.05	493.75	-5,582.60	2,100.47	1,950.02	150.45	13.962	
15,100.00	7,274.22	7,629.59	7,333.57	126.38	44.75	91.03	493.76	-5,582.60	2,153.09	2,003.94	149.15	14.436	
15,200.00	7,273.30	7,629.19	7,333.17	128.03	44.75	91.02	493.77	-5,582.59	2,208.98	2,061.26	147.72	14.954	
15,300.00	7,272.38	7,628.79	7,332.77	129.68	44.75	91.01	493.78	-5,582.59	2,267.91	2,121.72	146.19	15.513	
15,400.00	7,271.47	7,628.39	7,332.37	131.33	44.75	91.00	493.79	-5,582.59	2,329.64	2,185.04	144.60	16.111	
15,500.00	7,270.55	7,627.99	7,331.98	132.98	44.75	90.98	493.80	-5,582.59	2,393.95	2,251.00	142.95	16.747	
15,551.16	7,270.08	7,627.79	7,331.77	133.83	44.75	90.98	493.80	-5,582.59	2,427.79	2,285.69	142.10	17.085	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	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		
12,400.00	7,298.94	7,637.12	7,320.74	82.19	44.66	91.32	-188.36	-6,254.57	2,482.94	2,403.06	79.88	31.083		
12,500.00	7,298.02	7,637.49	7,321.11	83.80	44.66	91.34	-188.37	-6,254.57	2,394.38	2,313.02	81.36	29.428		
12,600.00	7,297.11	7,637.86	7,321.48	85.42	44.66	91.35	-188.38	-6,254.58	2,306.76	2,223.80	82.96	27.805		
12,700.00	7,296.19	7,638.24	7,321.86	87.05	44.66	91.37	-188.39	-6,254.58	2,220.18	2,135.50	84.68	26.217		
12,800.00	7,295.28	7,638.62	7,322.24	88.67	44.66	91.39	-188.41	-6,254.59	2,134.78	2,048.24	86.54	24.668		
12,900.00	7,294.36	7,639.01	7,322.63	90.30	44.66	91.41	-188.42	-6,254.59	2,050.70	1,962.16	88.54	23.161		
13,000.00	7,293.44	7,639.40	7,323.02	91.92	44.66	91.43	-188.43	-6,254.60	1,968.11	1,877.41	90.70	21.700		
13,100.00	7,292.53	7,639.80	7,323.42	93.55	44.66	91.45	-188.44	-6,254.61	1,887.20	1,794.18	93.02	20.288		
13,200.00	7,291.61	7,640.20	7,323.82	95.18	44.66	91.47	-188.46	-6,254.61	1,808.20	1,712.67	95.53	18.928		
13,300.00	7,290.70	7,640.61	7,324.23	96.82	44.66	91.49	-188.47	-6,254.62	1,731.38	1,633.15	98.23	17.626		
13,400.00	7,289.78	7,641.03	7,324.65	98.45	44.66	91.51	-188.48	-6,254.62	1,657.03	1,555.89	101.14	16.384		
13,500.00	7,288.87	7,641.45	7,325.07	100.08	44.66	91.54	-188.50	-6,254.63	1,585.50	1,481.24	104.26	15.207		
13,600.00	7,287.95	7,641.87	7,325.49	101.72	44.66	91.56	-188.51	-6,254.63	1,517.20	1,409.58	107.62	14.098		
13,700.00	7,287.03	7,642.31	7,325.92	103.36	44.66	91.58	-188.52	-6,254.64	1,452.57	1,341.37	111.20	13.062		
13,800.00	7,286.12	7,642.75	7,326.36	105.00	44.66	91.60	-188.54	-6,254.65	1,392.13	1,277.11	115.02	12.103		
13,900.00	7,285.20	7,643.19	7,326.81	106.64	44.66	91.62	-188.55	-6,254.65	1,336.45	1,217.38	119.08	11.224		
14,000.00	7,284.29	7,643.64	7,327.26	108.28	44.67	91.65	-188.57	-6,254.66	1,286.15	1,162.81	123.33	10.428		
14,100.00	7,283.37	7,644.10	7,327.72	109.92	44.67	91.67	-188.58	-6,254.67	1,241.87	1,114.12	127.75	9.721		
14,200.00	7,282.46	7,644.57	7,328.18	111.56	44.67	91.69	-188.60	-6,254.67	1,204.29	1,072.03	132.25	9.106		
14,300.00	7,281.54	7,645.04	7,328.65	113.20	44.67	91.72	-188.61	-6,254.68	1,174.04	1,037.33	136.72	8.587		
14,400.00	7,280.63	7,645.52	7,329.13	114.85	44.67	91.74	-188.63	-6,254.69	1,151.72	1,010.74	140.97	8.170		
14,500.00	7,279.71	7,646.00	7,329.62	116.49	44.67	91.77	-188.64	-6,254.69	1,137.77	992.94	144.83	7.856		
14,600.00	7,278.79	7,646.50	7,330.11	118.14	44.67	91.79	-188.66	-6,254.70	1,132.51	984.41	148.11	7.647		
14,609.66	7,278.71	7,646.54	7,330.16	118.30	44.67	91.79	-188.66	-6,254.70	1,132.47	984.09	148.38	7.632 CC, ES		
14,700.00	7,277.88	7,647.00	7,330.61	119.79	44.67	91.82	-188.67	-6,254.71	1,136.07	985.44	150.63	7.542		
14,800.00	7,276.96	7,647.51	7,331.12	121.43	44.67	91.84	-188.69	-6,254.72	1,148.36	996.05	152.31	7.540 SF		
14,900.00	7,276.05	7,648.02	7,331.64	123.08	44.67	91.87	-188.70	-6,254.72	1,169.10	1,015.98	153.12	7.635		
15,000.00	7,275.13	7,648.55	7,332.16	124.73	44.67	91.90	-188.72	-6,254.73	1,197.85	1,044.76	153.09	7.824		
15,100.00	7,274.22	7,649.08	7,332.69	126.38	44.67	91.92	-188.74	-6,254.74	1,234.07	1,081.74	152.33	8.101		
15,200.00	7,273.30	7,649.62	7,333.23	128.03	44.67	91.95	-188.75	-6,254.75	1,277.10	1,126.15	150.95	8.461		
15,300.00	7,272.38	7,650.17	7,333.78	129.68	44.68	91.98	-188.77	-6,254.75	1,326.29	1,177.20	149.09	8.896		
15,400.00	7,271.47	7,650.73	7,334.34	131.33	44.68	92.01	-188.79	-6,254.76	1,380.98	1,234.10	146.88	9.402		
15,500.00	7,270.55	7,651.30	7,334.91	132.98	44.68	92.03	-188.81	-6,254.77	1,440.55	1,296.11	144.44	9.974		
15,551.16	7,270.08	7,651.59	7,335.20	133.83	44.68	92.05	-188.82	-6,254.78	1,472.71	1,329.58	143.13	10.290		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design										7N-67W-36 Offsets Incomplete - Baldridge 2-1 - SRC PR Well - Actual Ensign Surveys				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				
13,600.00	7,287.95	7,390.90	7,299.80	101.72	27.85	90.38	485.85	-6,900.25	2,450.44	2,346.84	103.60	23.654				
13,700.00	7,287.03	7,390.28	7,299.19	103.36	27.85	90.36	485.85	-6,900.25	2,384.30	2,277.85	106.45	22.399				
13,800.00	7,286.12	7,389.67	7,298.58	105.00	27.85	90.34	485.85	-6,900.25	2,320.58	2,211.19	109.39	21.214				
13,900.00	7,285.20	7,389.07	7,297.97	106.64	27.85	90.32	485.85	-6,900.25	2,259.50	2,147.08	112.42	20.099				
14,000.00	7,284.29	7,388.46	7,297.37	108.28	27.84	90.30	485.85	-6,900.24	2,201.26	2,085.75	115.52	19.056				
14,100.00	7,283.37	7,387.87	7,296.77	109.92	27.84	90.28	485.85	-6,900.24	2,146.11	2,027.43	118.67	18.084				
14,200.00	7,282.46	7,387.27	7,296.18	111.56	27.84	90.26	485.85	-6,900.24	2,094.28	1,972.41	121.87	17.185				
14,300.00	7,281.54	7,386.68	7,295.59	113.20	27.84	90.24	485.85	-6,900.24	2,046.03	1,920.94	125.08	16.357				
14,400.00	7,280.63	7,386.10	7,295.00	114.85	27.84	90.23	485.85	-6,900.24	2,001.61	1,873.33	128.29	15.603				
14,500.00	7,279.71	7,385.52	7,294.42	116.49	27.84	90.21	485.85	-6,900.23	1,961.29	1,829.84	131.45	14.921				
14,600.00	7,278.79	7,384.94	7,293.85	118.14	27.84	90.19	485.85	-6,900.23	1,925.33	1,790.79	134.54	14.311				
14,700.00	7,277.88	7,384.37	7,293.27	119.79	27.84	90.17	485.85	-6,900.23	1,893.97	1,756.45	137.51	13.773				
14,800.00	7,276.96	7,383.80	7,292.71	121.43	27.84	90.15	485.86	-6,900.23	1,867.44	1,727.10	140.34	13.307				
14,900.00	7,276.05	7,383.24	7,292.14	123.08	27.84	90.14	485.86	-6,900.23	1,845.95	1,702.98	142.97	12.911				
15,000.00	7,275.13	7,382.68	7,291.58	124.73	27.83	90.12	485.86	-6,900.22	1,829.69	1,684.31	145.37	12.586				
15,100.00	7,274.22	7,382.12	7,291.03	126.38	27.83	90.10	485.86	-6,900.22	1,818.78	1,671.27	147.51	12.330				
15,200.00	7,273.30	7,381.57	7,290.48	128.03	27.83	90.08	485.86	-6,900.22	1,813.34	1,663.98	149.35	12.141				
15,248.93	7,272.85	7,381.30	7,290.21	128.84	27.83	90.07	485.86	-6,900.22	1,812.68	1,662.54	150.14	12.073 CC				
15,300.00	7,272.38	7,381.02	7,289.93	129.68	27.83	90.07	485.86	-6,900.22	1,813.40	1,662.52	150.87	12.019 ES				
15,400.00	7,271.47	7,380.48	7,289.38	131.33	27.83	90.05	485.86	-6,900.22	1,818.96	1,666.90	152.06	11.962 SF				
15,500.00	7,270.55	7,379.94	7,288.84	132.98	27.83	90.03	485.86	-6,900.21	1,829.98	1,677.09	152.89	11.969				
15,551.16	7,270.08	7,379.66	7,288.57	133.83	27.83	90.02	485.86	-6,900.21	1,837.70	1,684.52	153.18	11.997				

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design												Offset Site Error:	0.00 usft
7N-67W-36 Offsets Incomplete - Baldridge 7-1 - SRC PR Well - Actual Ensign Surveys												Offset Well Error:	3.28 usft
Survey Program: 126-SRC Energy_ISCWSA REV 2 MWD, 7896-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
12,900.00	7,294.36	7,793.57	7,321.08	90.30	52.44	93.85	-828.15	-6,928.97	2,441.93	2,357.72	84.21	28.999	
13,000.00	7,293.44	7,791.96	7,319.47	91.92	52.44	93.67	-828.15	-6,928.98	2,344.14	2,259.18	84.95	27.593	
13,100.00	7,292.53	7,790.36	7,317.87	93.55	52.44	93.49	-828.16	-6,928.99	2,246.54	2,160.77	85.77	26.192	
13,200.00	7,291.61	7,788.77	7,316.28	95.18	52.44	93.30	-828.17	-6,929.00	2,149.16	2,062.49	86.67	24.796	
13,300.00	7,290.70	7,787.18	7,314.70	96.82	52.43	93.12	-828.17	-6,929.01	2,052.03	1,964.37	87.67	23.407	
13,400.00	7,289.78	7,785.61	7,313.12	98.45	52.43	92.94	-828.18	-6,929.02	1,955.20	1,866.43	88.77	22.025	
13,500.00	7,288.87	7,784.04	7,311.55	100.08	52.43	92.76	-828.19	-6,929.03	1,858.69	1,768.70	90.00	20.653	
13,600.00	7,287.95	7,782.48	7,309.99	101.72	52.43	92.58	-828.19	-6,929.04	1,762.57	1,671.21	91.36	19.292	
13,700.00	7,287.03	7,780.93	7,308.44	103.36	52.43	92.41	-828.20	-6,929.04	1,666.91	1,574.02	92.89	17.945	
13,800.00	7,286.12	7,779.38	7,306.89	105.00	52.43	92.23	-828.21	-6,929.05	1,571.79	1,477.18	94.61	16.613	
13,900.00	7,285.20	7,777.84	7,305.35	106.64	52.43	92.05	-828.21	-6,929.06	1,477.31	1,380.76	96.55	15.301	
14,000.00	7,284.29	7,776.31	7,303.82	108.28	52.43	91.88	-828.22	-6,929.07	1,383.61	1,284.86	98.75	14.011	
14,100.00	7,283.37	7,774.79	7,302.30	109.92	52.42	91.70	-828.23	-6,929.08	1,290.85	1,189.59	101.26	12.748	
14,200.00	7,282.46	7,773.27	7,300.78	111.56	52.42	91.53	-828.24	-6,929.08	1,199.25	1,095.14	104.11	11.519	
14,300.00	7,281.54	7,771.76	7,299.27	113.20	52.42	91.35	-828.24	-6,929.09	1,109.10	1,001.71	107.39	10.328	
14,400.00	7,280.63	7,770.26	7,297.77	114.85	52.42	91.18	-828.25	-6,929.10	1,020.79	909.65	111.14	9.185	
14,500.00	7,279.71	7,768.76	7,296.27	116.49	52.42	91.01	-828.26	-6,929.11	934.83	819.39	115.44	8.098	
14,600.00	7,278.79	7,767.27	7,294.79	118.14	52.42	90.84	-828.27	-6,929.12	851.94	731.59	120.35	7.079	
14,700.00	7,277.88	7,765.79	7,293.30	119.79	52.42	90.67	-828.27	-6,929.12	773.10	647.23	125.87	6.142	
14,800.00	7,276.96	7,764.32	7,291.83	121.43	52.42	90.50	-828.28	-6,929.13	699.69	567.75	131.95	5.303	
14,900.00	7,276.05	7,762.85	7,290.36	123.08	52.42	90.33	-828.29	-6,929.14	633.60	495.26	138.34	4.580	
15,000.00	7,275.13	7,761.39	7,288.90	124.73	52.41	90.16	-828.30	-6,929.14	577.35	432.78	144.57	3.994	
15,100.00	7,274.22	7,759.94	7,287.45	126.38	52.41	90.00	-828.31	-6,929.15	534.04	384.09	149.95	3.561	
15,200.00	7,273.30	7,758.49	7,286.00	128.03	52.41	89.83	-828.31	-6,929.16	507.02	353.10	153.92	3.294	
15,290.69	7,272.47	7,757.18	7,284.70	129.53	52.41	89.68	-828.32	-6,929.17	498.85	342.70	156.14	3.195 CC	
15,300.00	7,272.38	7,757.05	7,284.56	129.68	52.41	89.67	-828.32	-6,929.17	498.93	342.64	156.29	3.192 ES, SF	
15,400.00	7,271.47	7,755.62	7,283.13	131.33	52.41	89.50	-828.33	-6,929.17	510.68	354.04	156.64	3.260	
15,500.00	7,270.55	7,754.19	7,281.70	132.98	52.41	89.34	-828.34	-6,929.18	540.97	386.55	154.42	3.503	
15,551.16	7,270.08	7,753.46	7,280.97	133.83	52.41	89.25	-828.34	-6,929.18	562.74	410.38	152.36	3.694	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Offset Design 7N-67W-36 Offsets Incomplete - Baldridge 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		
11,500.00	7,307.18	7,900.07	7,326.50	67.74	64.89	93.05	-833.37	-5,571.77	2,480.24	2,400.80	79.43	31.224		
11,600.00	7,306.26	7,899.12	7,325.55	69.33	64.89	92.94	-833.35	-5,571.77	2,382.21	2,302.47	79.75	29.872		
11,700.00	7,305.35	7,898.19	7,324.62	70.93	64.89	92.82	-833.34	-5,571.77	2,284.37	2,204.27	80.10	28.520		
11,800.00	7,304.43	7,897.28	7,323.71	72.53	64.89	92.72	-833.32	-5,571.77	2,186.71	2,106.22	80.49	27.168		
11,900.00	7,303.52	7,896.39	7,322.82	74.13	64.88	92.61	-833.31	-5,571.76	2,089.28	2,008.35	80.92	25.818		
12,000.00	7,302.60	7,895.52	7,321.95	75.74	64.88	92.51	-833.29	-5,571.76	1,992.10	1,910.68	81.42	24.468		
12,100.00	7,301.69	7,894.67	7,321.10	77.34	64.88	92.41	-833.28	-5,571.76	1,895.21	1,813.24	81.97	23.120		
12,200.00	7,300.77	7,893.84	7,320.27	78.96	64.88	92.31	-833.26	-5,571.76	1,798.67	1,716.07	82.60	21.776		
12,300.00	7,299.85	7,893.03	7,319.46	80.57	64.88	92.21	-833.25	-5,571.76	1,702.52	1,619.21	83.32	20.435		
12,400.00	7,298.94	7,892.23	7,318.66	82.19	64.88	92.12	-833.24	-5,571.76	1,606.85	1,522.71	84.13	19.099		
12,500.00	7,298.02	7,891.45	7,317.88	83.80	64.88	92.02	-833.22	-5,571.75	1,511.73	1,426.66	85.07	17.771		
12,600.00	7,297.11	7,890.69	7,317.11	85.42	64.88	91.93	-833.21	-5,571.75	1,417.28	1,331.14	86.14	16.453		
12,700.00	7,296.19	7,889.94	7,316.36	87.05	64.88	91.84	-833.20	-5,571.75	1,323.65	1,236.27	87.39	15.147		
12,800.00	7,295.28	7,889.20	7,315.63	88.67	64.88	91.75	-833.19	-5,571.75	1,231.03	1,142.19	88.84	13.857		
12,900.00	7,294.36	7,888.48	7,314.91	90.30	64.88	91.67	-833.18	-5,571.74	1,139.65	1,049.12	90.53	12.589		
13,000.00	7,293.44	7,887.78	7,314.21	91.92	64.88	91.59	-833.16	-5,571.74	1,049.84	957.32	92.52	11.347		
13,100.00	7,292.53	7,887.09	7,313.51	93.55	64.88	91.50	-833.15	-5,571.74	962.04	867.17	94.87	10.140		
13,200.00	7,291.61	7,886.41	7,312.84	95.18	64.87	91.42	-833.14	-5,571.74	876.86	779.18	97.68	8.977		
13,300.00	7,290.70	7,885.74	7,312.17	96.82	64.87	91.34	-833.13	-5,571.74	795.14	694.07	101.07	7.867		
13,400.00	7,289.78	7,885.09	7,311.52	98.45	64.87	91.27	-833.12	-5,571.73	718.06	612.84	105.23	6.824		
13,500.00	7,288.87	7,884.45	7,310.88	100.08	64.87	91.19	-833.11	-5,571.73	647.29	536.82	110.47	5.860		
13,600.00	7,287.95	7,883.82	7,310.25	101.72	64.87	91.11	-833.10	-5,571.73	585.10	467.78	117.32	4.987		
13,700.00	7,287.03	7,883.20	7,309.63	103.36	64.87	91.04	-833.09	-5,571.73	534.51	408.16	126.35	4.230		
13,800.00	7,286.12	7,882.60	7,309.03	105.00	64.87	90.97	-833.08	-5,571.73	499.06	361.82	137.24	3.637		
13,900.00	7,285.20	7,882.00	7,308.43	106.64	64.87	90.90	-833.07	-5,571.72	482.10	334.36	147.74	3.263		
13,933.21	7,284.90	7,881.81	7,308.24	107.18	64.87	90.87	-833.07	-5,571.72	480.95	330.35	150.60	3.194 CC, ES		
14,000.00	7,284.29	7,881.42	7,307.85	108.28	64.87	90.83	-833.07	-5,571.72	485.57	330.71	154.86	3.136 SF		
14,100.00	7,283.37	7,880.84	7,307.27	109.92	64.87	90.76	-833.06	-5,571.72	509.05	352.00	157.05	3.241		
14,200.00	7,282.46	7,880.28	7,306.71	111.56	64.87	90.69	-833.05	-5,571.72	549.99	395.05	154.94	3.550		
14,300.00	7,281.54	7,879.73	7,306.16	113.20	64.87	90.63	-833.04	-5,571.72	604.86	454.66	150.20	4.027		
14,400.00	7,280.63	7,879.18	7,305.61	114.85	64.87	90.56	-833.03	-5,571.71	670.23	525.87	144.35	4.643		
14,500.00	7,279.71	7,878.65	7,305.08	116.49	64.87	90.50	-833.02	-5,571.71	743.34	604.96	138.39	5.372		
14,600.00	7,278.79	7,878.12	7,304.55	118.14	64.87	90.44	-833.02	-5,571.71	822.14	689.36	132.78	6.192		
14,700.00	7,277.88	7,877.60	7,304.03	119.79	64.87	90.37	-833.01	-5,571.71	905.14	777.39	127.74	7.086		
14,800.00	7,276.96	7,877.10	7,303.53	121.43	64.87	90.31	-833.00	-5,571.71	991.27	867.98	123.30	8.040		
14,900.00	7,276.05	7,876.60	7,303.03	123.08	64.86	90.25	-832.99	-5,571.70	1,079.80	960.39	119.42	9.042		
15,000.00	7,275.13	7,876.10	7,302.53	124.73	64.86	90.19	-832.99	-5,571.70	1,170.18	1,054.14	116.04	10.084		
15,100.00	7,274.22	7,875.62	7,302.05	126.38	64.86	90.14	-832.98	-5,571.70	1,262.02	1,148.91	113.11	11.158		
15,200.00	7,273.30	7,875.15	7,301.58	128.03	64.86	90.08	-832.97	-5,571.70	1,355.00	1,244.45	110.55	12.257		
15,300.00	7,272.38	7,874.68	7,301.11	129.68	64.86	90.02	-832.96	-5,571.70	1,448.93	1,340.60	108.32	13.376		
15,400.00	7,271.47	7,874.22	7,300.65	131.33	64.86	89.97	-832.96	-5,571.70	1,543.61	1,437.24	106.37	14.511		
15,500.00	7,270.55	7,873.76	7,300.19	132.98	64.86	89.92	-832.95	-5,571.69	1,638.93	1,534.27	104.66	15.660		
15,551.16	7,270.08	7,873.53	7,299.96	133.83	64.86	89.89	-832.95	-5,571.69	1,687.90	1,584.03	103.86	16.251		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4877.00usft (IKON 12)

Offset Depths are relative to Offset Datum

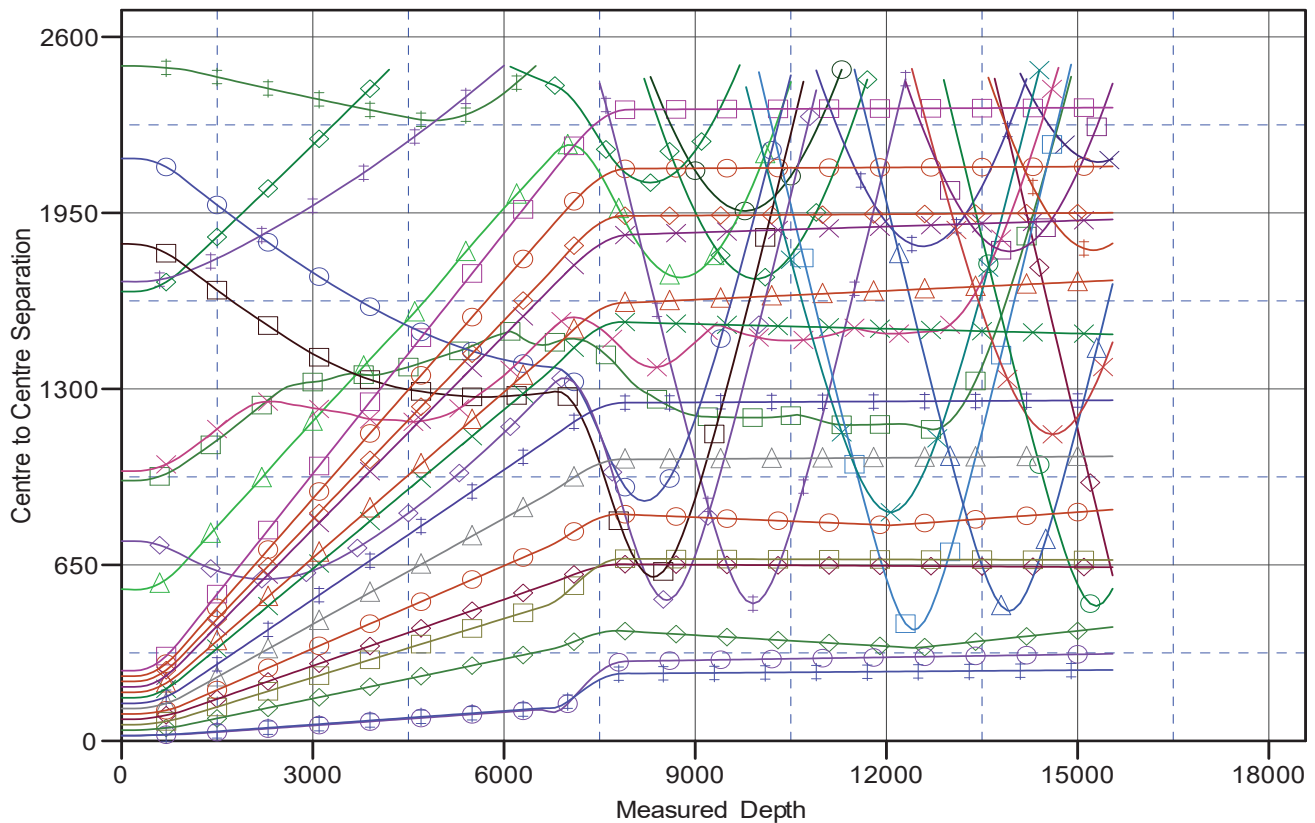
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 25C-1-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.44°

Ladder Plot



LEGEND

Schneider X-31-36H, PDC Planned Well, Planned Ensign Surveys V0	Cecil Farms PC 106-68-1H, Noble PR Well, Actual DDC Surveys (Grid to True) V0	GOLDEN EAGLE 25C-1-M, Wellbore #1, Design #1 V0
Simonsen 1Q-241, PDC PR Well, Actual Ensign Surveys V0	CECIL FARMS 6-41X, Noble P&A Well, Actual VES Surveys (Grid to True) V0	GOLDEN EAGLE 2N-1A-M, Wellbore #1, Design #1 V0
CUDNEY/SANDSTEDT #1, QMOGP&A Well, Actual VES Surveys V0	HOUGHTON#1, Antrimex P&A Well, No Surveys V0	GOLDEN EAGLE 21N-1C-M, Wellbore #1, Design #1 V0
Cecil Farms PC 106-67H-N, Noble PR Well, Actual DDC Surveys (Grid to True) V0	HKS 6-25, Noble SI Well, Actual VES Surveys (Grid to True) V0	GOLDEN EAGLE 28N-1B-M, Wellbore #1, Design #1 V0
HERCULET #1-6, PDC PR Well, No Surveys V0	Baldrige 8-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 25N-1A-M, Wellbore #1, Design #1 V0
S B H 1, Antrimex P&A Well, No Surveys V0	Baldrige 12-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 2N-1B-M, Wellbore #1, Design #1 V0
HKS 6-22, Noble SI Well, Actual VES Surveys (Grid to True) V0	Baldrige 24, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 25N-1B-M, Wellbore #1, Design #1 V0
CECIL FARMS 6-11, Noble P&A Well, Actual VES Surveys (Grid to True) V0	Baldrige 1-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
WEBER 6-13, Noble SI Well, Actual Coretech Surveys (Grid to True) V0	Baldrige 7-1, SRC PR Well, Actual Ensign Surveys V0	GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
HKS 6-23, Noble SI Well, No Surveys V0	GOLDEN EAGLE 28N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
CECIL FARMS 6-41, Petro Canada DA Well, No Surveys V0	GOLDEN EAGLE 7N-1C-M, Wellbore #1, Design #1 V0	GOLDEN EAGLE 21C-1-M, Wellbore #1, Design #1 V0
CECIL FARMS 6-14, Noble P&A Well, Actual VES Surveys (Grid to True) V0	GOLDEN EAGLE 7C-1-M, Wellbore #1, Design #1 V0	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25C-1-M
Project:	WELD COUNTY (NAD83, TRUE NORTH)	TVD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Reference Site:	6N-66W-06 GOLDEN EAGLE 1-6 PAD	MD Reference:	RKB = 4' @ 4877.00usft (IKON 12)
Site Error:	0.00 usft	North Reference:	True
Reference Well:	GOLDEN EAGLE 25C-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 #1	Offset TVD Reference:	Offset Datum

Reference Depths are relative to RKB = 4' @ 4877.00usft (IKON 12)

Offset Depths are relative to Offset Datum

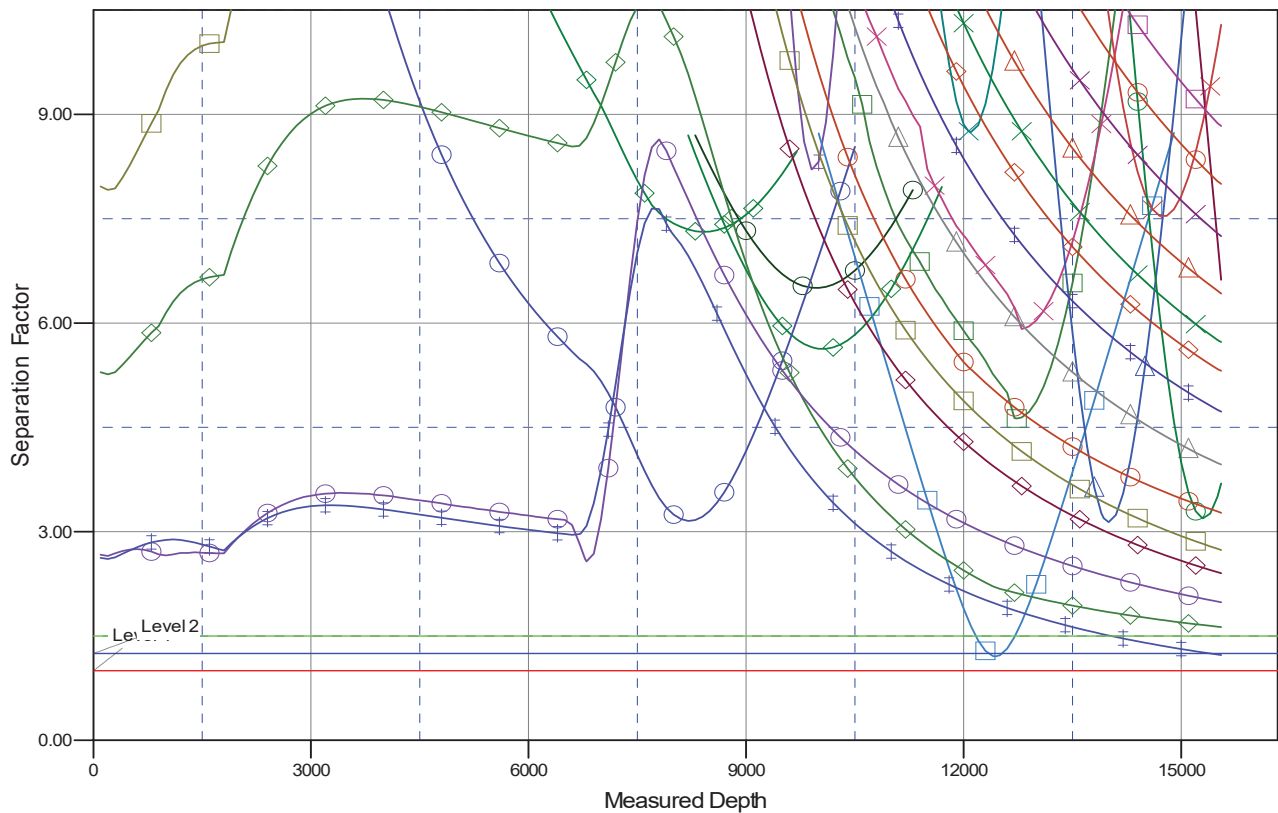
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 25C-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-31-36H, PDC Planned Well, Planned Eneign Surveys V0
Simonsen 12-241, PDC PR Well, Actual Eneign Surveys V0
CUDNEY/SANDSTEDT #1, QMOGP&A Well, Actual VES Surveys V0
Cecil Farms PC 106-67H, Noble PR Well, Actual DDC Surveys (Grid to True) V0
HERCULET #1-6, PDC PR Well, No Surveys V0
S B H 1, Amimex P&A Well, No Surveys V0
HKS 6-22, Noble SI Well, Actual VES Surveys (Grid to True) V0
CECIL FARM 6-11, Noble P&A Well, Actual VES Surveys (Grid to True) V0
WEBER 6-13, Noble SI Well, Actual Coretech Surveys (Grid to True) V0
HKS 6-23, Noble SI Well, No Surveys V0
CECIL FARM 6-41, Petro Canada DA Well, No Surveys V0
CECIL FARM 6-14, Noble P&A Well, Actual VES Surveys (Grid to True) V0

Cecil Farms PC 106-68-1H, Noble PR Well, Actual DDC Surveys (Grid to True) V0
CECIL FARM 6-41X, Noble P&A Well, Actual VES Surveys (Grid to True) V0
HOUGHTON #1, Amimex P&A Well, No Surveys V0
HKS 6-25, Noble SI Well, Actual VES Surveys (Grid to True) V0
Baldridge #1, SRC PR Well, Actual Eneign Surveys V0
Baldridge 12-1, SRC PR Well, Actual Eneign Surveys V0
Baldridge 2-1, SRC PR Well, Actual Eneign Surveys V0
Baldridge 7-1, SRC PR Well, Actual Eneign Surveys V0
GOLDEN EAGLE 28N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7C-1-M, Wellbore #1, Design #1 V0

GOLDEN EAGLE 28C-1-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 2N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 28N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 2N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 25N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 7N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21N-1B-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 28N-1A-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 21C-1-M, Wellbore #1, Design #1 V0