

SRC ENERGY

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

**Wellbore #1
Design #1**

Anticollision Report

13 December, 2018

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	15,331.10	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	119.35	111.77	15.757	CC, ES
GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1	15,327.33	15,314.29	1,089.47	825.57	4.128	SF
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	200.00	201.00	80.04	72.46	10.567	CC, ES
GOLDEN EAGLE 21N-1B-M - Wellbore #1 - Design #1	15,331.10	15,202.77	647.76	381.37	2.432	SF
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	200.00	201.00	100.15	92.57	13.222	CC, ES
GOLDEN EAGLE 21N-1C-M - Wellbore #1 - Design #1	15,324.84	15,236.35	862.68	596.75	3.244	SF
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	200.00	200.00	19.74	12.17	2.607	CC, ES
GOLDEN EAGLE 25C-1-M - Wellbore #1 - Design #1	15,331.10	15,550.73	262.56	48.42	1.226	Level 2, SF
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	200.00	200.00	39.83	32.25	5.258	CC
GOLDEN EAGLE 25N-1A-M - Wellbore #1 - Design #1	15,331.10	15,284.18	273.09	23.42	1.094	Level 2, ES, SF
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	200.00	202.00	180.18	172.61	23.788	CC, ES
GOLDEN EAGLE 28C-1-M - Wellbore #1 - Design #1	15,331.10	15,257.27	1,752.06	1,487.70	6.628	SF
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	200.00	202.00	200.29	192.72	26.442	CC, ES
GOLDEN EAGLE 28N-1A-M - Wellbore #1 - Design #1	15,322.89	15,016.43	1,746.69	1,376.38	4.717	SF
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	200.00	198.00	240.14	232.57	31.710	CC, ES
GOLDEN EAGLE 28N-1B-M - Wellbore #1 - Design #1	15,331.10	15,084.51	2,147.91	1,882.92	8.105	SF
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	200.00	202.00	220.03	212.46	29.049	CC, ES
GOLDEN EAGLE 28N-1C-M - Wellbore #1 - Design #1	15,331.10	15,153.54	1,936.48	1,671.52	7.309	SF
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	200.00	199.00	139.99	132.42	18.485	CC
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	200.03	199.03	139.99	132.42	18.485	ES
GOLDEN EAGLE 2N-1A-M - Wellbore #1 - Design #1	15,331.10	15,023.76	1,291.89	1,026.91	4.875	SF
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	200.00	202.00	160.10	152.53	21.137	CC, ES
GOLDEN EAGLE 2N-1B-M - Wellbore #1 - Design #1	15,331.10	15,103.53	1,506.98	1,241.28	5.672	SF
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	200.00	201.00	60.32	52.74	7.964	CC
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	201.51	200.51	60.32	52.74	7.963	ES
GOLDEN EAGLE 7C-1-M - Wellbore #1 - Design #1	15,331.10	15,412.70	491.41	235.32	1.919	SF
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	200.00	200.00	40.21	32.64	5.309	CC, ES
GOLDEN EAGLE 7N-1A-M - Wellbore #1 - Design #1	15,328.64	15,127.62	424.94	167.61	1.651	SF
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	200.00	200.00	20.11	12.53	2.655	CC
GOLDEN EAGLE 7N-1C-M - Wellbore #1 - Design #1	15,331.10	15,342.59	229.44	-30.74	0.882	Level 1, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	235.71	235.76	542.72	535.31	73.203	CC
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	300.00	299.80	542.75	535.29	72.727	ES
CECIL FARMS 6-11 - Noble P&A Well - Actual VES Surv	9,000.00	7,154.33	1,607.10	1,559.61	33.841	SF
CECIL FARMS 6-14 - Noble P&A Well - Actual VES Surv	8,334.90	7,155.58	352.01	311.00	8.583	CC, ES, SF
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	7,986.18	7,135.37	1,055.76	782.20	3.859	CC, ES
CECIL FARMS 6-41 - Petro Canada DA Well - No Survey	8,000.00	7,135.24	1,055.85	782.22	3.859	SF
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	8,119.36	7,143.72	776.18	736.94	19.777	CC, ES
CECIL FARMS 6-41X - Noble P&A Well - Actual VES Su	8,200.00	7,144.06	780.36	740.49	19.569	SF
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	106.71	129.71	942.47	934.22	114.253	CC
Cecil Farms PC I06-67HN - Noble PR Well - Actual DDC	12,515.15	11,718.00	962.02	711.54	3.841	ES, SF
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	200.00	223.00	977.89	967.14	90.907	CC
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	400.00	422.92	980.32	962.86	56.123	ES
Cecil Farms PC I06-68-1HN - Noble PR Well - Actual DD	12,600.00	11,923.00	1,340.66	1,085.15	5.247	SF
HERGERT #1-6 - PDC PR Well - No Surveys	9,556.00	7,141.34	2,130.55	1,838.17	7.287	CC
HERGERT #1-6 - PDC PR Well - No Surveys	9,600.00	7,140.92	2,131.00	1,837.94	7.271	ES
HERGERT #1-6 - PDC PR Well - No Surveys	9,800.00	7,139.00	2,144.47	1,848.42	7.243	SF
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,365.38	7,308.07	1,653.21	1,551.60	16.270	CC
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,400.00	7,306.63	1,653.57	1,551.43	16.189	ES
HKS 6-22 - Noble SI Well - Actual VES Surveys (Grid to	12,600.00	7,301.68	1,669.75	1,565.74	16.054	SF
HKS 6-23 - Noble SI Well - No Surveys	12,218.29	7,133.85	232.54	-101.35	0.696	Level 1, CC, ES, SF
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,860.73	7,174.54	678.39	585.48	7.302	CC, ES
HKS 6-25 - Noble SI Well - Actual VES Surveys (Grid to	11,900.00	7,172.08	679.52	586.37	7.295	SF
HOUGHTON #1 - Amirmex P&A Well - No Surveys	8,070.19	7,138.57	2,231.86	1,957.58	8.137	CC
HOUGHTON #1 - Amirmex P&A Well - No Surveys	8,100.00	7,138.28	2,232.06	1,957.57	8.132	ES
HOUGHTON #1 - Amirmex P&A Well - No Surveys	8,200.00	7,137.32	2,235.63	1,960.34	8.121	SF
S B H 1 - Amirmex P&A Well - No Surveys	9,737.59	7,159.60	1,533.33	1,237.63	5.185	CC, ES
S B H 1 - Amirmex P&A Well - No Surveys	9,800.00	7,159.00	1,534.60	1,238.16	5.177	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 - Act						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	9,690.31	7,168.45	336.44	275.81	5.549	CC, ES
WEBER 6-13 - Noble SI Well - Actual Coretech Surveys	9,700.00	7,168.43	336.58	275.92	5.548	SF
6N-67W-01 Offsets Incomplete						
CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual V	15,103.54	7,095.33	2,323.43	2,157.40	13.994	CC, ES
CUDNEY/SANDSTEDT #1 - GWOG P&A Well - Actual V	15,331.10	7,094.42	2,334.55	2,164.91	13.762	SF
Simonsen 1Q-241 - PDC PR Well - Actual Ensign Survey	15,331.10	9,977.64	601.06	503.18	6.141	CC, ES, SF
7N-66W-31 Offsets Incomplete						
Schneider X-31-36HN - PDC Planned Well - Planned En	4,988.32	5,411.40	2,201.54	2,168.43	66.509	CC
Schneider X-31-36HN - PDC Planned Well - Planned En	15,331.10	14,907.07	2,468.36	2,073.27	6.248	ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	13,715.48	7,457.61	1,630.99	1,483.84	11.084	CC, ES
Baldrige 1-1 - SRC PR Well - Actual Ensign Surveys	13,900.00	7,456.61	1,641.39	1,490.76	10.896	SF
Baldrige 17-1 - SRC PR Well - Actual Ensign Surveys	14,392.39	7,491.08	957.85	809.87	6.473	CC
Baldrige 17-1 - SRC PR Well - Actual Ensign Surveys	14,400.00	7,490.96	957.88	809.67	6.463	ES
Baldrige 17-1 - SRC PR Well - Actual Ensign Surveys	14,500.00	7,489.43	963.87	813.20	6.397	SF
Baldrige 2-1 - SRC PR Well - Actual Ensign Surveys	15,033.65	7,192.23	1,628.24	1,478.71	10.889	CC, ES
Baldrige 2-1 - SRC PR Well - Actual Ensign Surveys	15,200.00	7,190.98	1,636.71	1,485.17	10.800	SF
Baldrige 7-1 - SRC PR Well - Actual Ensign Surveys	15,073.34	7,572.09	312.80	157.17	2.010	CC, ES, SF
Baldrige 8-1 - SRC PR Well - Actual Ensign Surveys	13,716.05	7,698.04	302.79	152.50	2.015	CC, ES, 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	14,361.29	7,190.12	2,387.10	2,243.81	16.658	CC
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys	14,400.00	7,190.51	2,387.42	2,243.54	16.593	ES
Schneider 37-36 - SRC PR Well - Actual Ensign Surveys	14,700.00	7,193.65	2,411.01	2,263.78	16.375	SF

Offset Design													Offset Site Error:	0.00 usft
6N-66W-06 GOLDEN EAGLE 1-6 PAD - GOLDEN EAGLE 21C-1-M - Wellbore #1 - Design #1													Offset Well Error:	3.28 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA														
Reference		Offset		Semi Major Axis		Distance			Minimum Separation			Warning		
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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	-3.47	119.13	-7.23	119.35					
100.00	100.00	101.00	99.00	3.28	3.28	-3.47	119.13	-7.23	119.35	111.82	7.53	15.852		
200.00	200.00	201.00	199.00	3.31	3.31	-3.47	119.13	-7.23	119.35	111.77	7.57	15.757	CC, ES	
200.00	200.00	201.00	199.00	3.31	3.31	-3.47	119.13	-7.23	119.35	111.77	7.57	15.757		
300.00	300.00	299.38	299.38	3.35	3.35	-135.88	119.08	-6.81	119.72	112.06	7.66	15.632		
400.00	399.92	400.12	400.06	3.41	3.41	-135.49	118.64	-3.33	121.84	114.06	7.78	15.667		
500.00	499.64	500.78	500.46	3.49	3.50	-134.64	117.76	3.66	125.83	117.88	7.94	15.841		
600.00	599.05	601.27	600.39	3.60	3.61	-133.38	116.45	14.11	131.73	123.57	8.16	16.137		
700.00	698.03	701.53	699.66	3.74	3.75	-131.84	114.71	28.01	139.59	131.14	8.44	16.530		
800.00	796.44	801.07	797.90	3.93	3.93	-130.60	112.71	43.93	149.56	140.77	8.79	17.012		
900.00	894.18	900.31	895.83	4.16	4.13	-130.41	110.71	59.85	161.82	152.62	9.20	17.589		
1,000.00	991.29	1,000.71	993.51	4.45	4.36	-131.03	108.72	75.72	175.89	166.23	9.67	18.196		
1,100.00	1,088.34	1,101.75	1,091.17	4.77	4.61	-131.67	106.73	91.59	190.14	179.97	10.17	18.689		
1,200.00	1,185.40	1,202.79	1,188.83	5.11	4.88	-132.23	104.74	107.45	204.41	193.69	10.72	19.072		
1,300.00	1,282.45	1,303.83	1,286.49	5.48	5.16	-132.72	102.75	123.32	218.70	207.41	11.29	19.367		
1,400.00	1,379.51	1,404.88	1,384.14	5.87	5.45	-133.14	100.76	139.19	233.00	221.11	11.89	19.592		
1,500.00	1,476.56	1,505.92	1,481.80	6.27	5.75	-133.52	98.77	155.06	247.31	234.79	12.51	19.763		
1,600.00	1,573.62	1,593.04	1,579.46	6.68	6.02	-133.85	96.78	170.93	261.63	248.52	13.11	19.955		
1,700.00	1,670.67	1,708.00	1,677.12	7.10	6.38	-134.15	94.79	186.79	275.96	262.15	13.81	19.985		
1,800.00	1,767.73	1,809.04	1,774.78	7.53	6.69	-134.42	92.80	202.66	290.29	275.83	14.46	20.072		
1,900.00	1,864.78	1,889.92	1,872.43	7.77	6.83	-134.67	90.81	218.53	304.63	290.22	14.41	21.134		
2,000.00	1,961.84	1,988.87	1,970.09	7.83	6.89	-134.89	88.82	234.40	318.98	304.48	14.50	22.002		
2,100.00	2,058.89	2,087.83	2,067.75	7.91	6.94	-135.09	86.83	250.26	333.33	318.73	14.60	22.830		
2,200.00	2,155.95	2,186.79	2,165.41	8.01	7.00	-135.28	84.84	266.13	347.68	332.94	14.74	23.593		
2,300.00	2,253.00	2,285.75	2,263.06	8.13	7.08	-135.45	82.85	282.00	362.04	347.13	14.90	24.290		
2,400.00	2,350.06	2,384.71	2,360.72	8.26	7.18	-135.61	80.86	297.87	376.40	361.29	15.10	24.919		
2,500.00	2,447.11	2,483.67	2,458.38	8.42	7.29	-135.76	78.87	313.74	390.76	375.42	15.33	25.482		
2,600.00	2,544.17	2,582.62	2,556.04	8.59	7.41	-135.90	76.88	329.60	405.12	389.53	15.59	25.982		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	2,641.22	2,681.58	2,653.69	8.77	7.54	-136.02	74.88	345.47	419.49	403.61	15.88	26.420		
2,800.00	2,738.28	2,780.54	2,751.35	8.98	7.69	-136.14	72.89	361.34	433.86	417.67	16.19	26.800		
2,900.00	2,835.33	2,879.50	2,849.01	9.19	7.85	-136.26	70.90	377.21	448.23	431.71	16.52	27.126		
3,000.00	2,932.39	2,978.46	2,946.67	9.42	8.02	-136.36	68.91	393.07	462.60	445.72	16.88	27.404		
3,100.00	3,029.44	3,077.42	3,044.33	9.66	8.20	-136.46	66.92	408.94	476.97	459.71	17.26	27.636		
3,200.00	3,126.50	3,176.38	3,141.98	9.91	8.38	-136.55	64.93	424.81	491.35	473.69	17.66	27.827		
3,300.00	3,223.55	3,275.33	3,239.64	10.17	8.58	-136.64	62.94	440.68	505.72	487.65	18.07	27.981		
3,400.00	3,320.61	3,374.29	3,337.30	10.44	8.79	-136.72	60.95	456.54	520.10	501.59	18.51	28.103		
3,500.00	3,417.66	3,473.25	3,434.96	10.72	9.00	-136.80	58.96	472.41	534.48	515.52	18.96	28.196		
3,600.00	3,514.71	3,572.21	3,532.61	11.00	9.22	-136.87	56.97	488.28	548.86	529.44	19.42	28.264		
3,700.00	3,611.77	3,671.17	3,630.27	11.30	9.44	-136.94	54.98	504.15	563.24	543.34	19.90	28.309		
3,800.00	3,708.82	3,770.13	3,727.93	11.60	9.68	-137.01	52.99	520.02	577.62	557.23	20.39	28.334		
3,900.00	3,805.88	3,869.08	3,825.59	11.90	9.91	-137.07	51.00	535.88	592.00	571.11	20.89	28.342		
4,000.00	3,902.93	3,968.04	3,923.24	12.22	10.16	-137.13	49.01	551.75	606.38	584.98	21.40	28.336		
4,100.00	3,999.99	4,067.00	4,020.90	12.54	10.40	-137.19	47.02	567.62	620.76	598.84	21.92	28.317		
4,200.00	4,097.04	4,165.96	4,118.56	12.86	10.66	-137.24	45.03	583.49	635.15	612.69	22.45	28.287		
4,300.00	4,194.10	4,264.92	4,216.22	13.19	10.91	-137.30	43.04	599.35	649.53	626.54	22.99	28.248		
4,400.00	4,291.15	4,363.88	4,313.88	13.52	11.17	-137.35	41.05	615.22	663.92	640.37	23.54	28.201		
4,500.00	4,388.21	4,462.84	4,411.53	13.86	11.44	-137.40	39.06	631.09	678.30	654.20	24.10	28.148		
4,600.00	4,485.26	4,561.79	4,509.19	14.20	11.71	-137.44	37.07	646.96	692.69	668.02	24.66	28.089		
4,700.00	4,582.32	4,660.75	4,606.85	14.54	11.98	-137.49	35.07	662.82	707.07	681.84	25.23	28.026		
4,800.00	4,679.37	4,759.71	4,704.51	14.89	12.25	-137.53	33.08	678.69	721.46	695.65	25.80	27.958		
4,900.00	4,776.43	4,858.67	4,802.16	15.24	12.53	-137.57	31.09	694.56	735.84	709.46	26.39	27.888		
5,000.00	4,873.48	4,957.63	4,899.82	15.59	12.81	-137.61	29.10	710.43	750.23	723.26	26.97	27.815		
5,100.00	4,970.54	5,056.59	4,997.48	15.94	13.09	-137.65	27.11	726.30	764.62	737.05	27.56	27.741		
5,200.00	5,067.59	5,155.54	5,095.14	16.30	13.37	-137.68	25.12	742.16	779.00	750.85	28.16	27.665		
5,300.00	5,164.65	5,254.50	5,192.79	16.66	13.66	-137.72	23.13	758.03	793.39	764.63	28.76	27.588		
5,400.00	5,261.70	5,353.46	5,290.45	17.02	13.95	-137.75	21.14	773.90	807.78	778.42	29.36	27.511		
5,500.00	5,358.76	5,452.42	5,388.11	17.39	14.24	-137.78	19.15	789.77	822.17	792.20	29.97	27.433		
5,600.00	5,455.81	5,551.38	5,485.77	17.75	14.53	-137.82	17.16	805.63	836.56	805.97	30.58	27.355		
5,700.00	5,552.87	5,650.34	5,583.43	18.12	14.83	-137.85	15.17	821.50	850.94	819.75	31.20	27.277		
5,800.00	5,649.92	5,749.29	5,681.08	18.49	15.12	-137.88	13.18	837.37	865.33	833.52	31.81	27.199		
5,900.00	5,746.98	5,848.25	5,778.74	18.86	15.42	-137.90	11.19	853.24	879.72	847.29	32.44	27.122		
6,000.00	5,844.03	5,947.21	5,876.40	19.24	15.72	-137.93	9.20	869.10	894.11	861.05	33.06	27.046		
6,100.00	5,941.09	6,046.17	5,974.06	19.61	16.02	-137.96	7.21	884.97	908.50	874.82	33.69	26.970		
6,200.00	6,038.14	6,145.13	6,071.71	19.98	16.32	-137.98	5.22	900.84	922.89	888.58	34.31	26.895		
6,300.00	6,135.20	6,244.09	6,169.37	20.36	16.62	-138.01	3.23	916.71	937.28	902.34	34.95	26.821		
6,400.00	6,232.25	6,343.05	6,267.03	20.74	16.92	-138.03	1.24	932.58	951.67	916.09	35.58	26.748		
6,500.00	6,329.31	6,442.00	6,364.69	21.12	17.23	-138.06	-0.75	948.44	966.06	929.85	36.21	26.676		
6,600.00	6,426.37	6,540.96	6,462.35	21.49	17.53	-140.27	-2.74	964.31	980.45	943.60	36.85	26.606		
6,700.00	6,524.50	6,639.54	6,559.63	21.72	17.84	177.46	-4.73	980.12	994.13	956.70	37.43	26.562		
6,800.00	6,622.76	6,728.77	6,648.08	21.88	18.06	133.40	-6.56	991.34	1,006.98	969.08	37.90	26.572		
6,900.00	6,718.71	6,816.89	6,736.10	21.97	18.19	114.02	-8.48	990.73	1,019.78	981.56	38.22	26.682		
7,000.00	6,810.00	6,907.69	6,825.82	22.01	18.27	105.58	-10.55	977.40	1,032.36	993.91	38.44	26.853		
7,100.00	6,894.37	7,001.72	6,915.75	22.00	18.30	101.30	-12.75	950.29	1,044.48	1,005.90	38.58	27.072		
7,200.00	6,969.76	7,099.54	7,004.00	21.96	18.30	98.99	-15.03	908.37	1,055.90	1,017.25	38.65	27.316		
7,300.00	7,034.30	7,201.74	7,088.19	21.89	18.28	97.78	-17.37	850.69	1,066.35	1,027.65	38.70	27.554		
7,400.00	7,086.41	7,308.86	7,165.36	21.80	18.26	97.29	-19.69	776.61	1,075.53	1,036.75	38.77	27.740		
7,500.00	7,124.80	7,421.33	7,231.81	21.71	18.29	97.30	-21.92	686.09	1,083.11	1,044.17	38.94	27.815		
7,600.00	7,148.53	7,539.36	7,283.31	21.62	18.41	97.70	-23.96	580.09	1,088.75	1,049.48	39.28	27.720		
7,700.00	7,157.02	7,662.80	7,315.30	21.55	18.67	98.40	-25.69	461.08	1,092.14	1,052.29	39.85	27.406		
7,800.00	7,156.15	7,786.98	7,323.90	21.56	19.09	98.88	-26.95	337.38	1,093.05	1,052.36	40.69	26.860		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,155.19	7,886.98	7,323.20	21.72	19.57	98.90	-27.80	237.39	1,093.00	1,051.24	41.76	26.172		
8,000.00	7,154.24	7,986.98	7,322.50	22.13	20.17	98.91	-28.65	137.40	1,092.95	1,049.89	43.06	25.383		
8,100.00	7,153.28	8,086.98	7,321.80	22.77	20.90	98.92	-29.50	37.40	1,092.90	1,048.33	44.57	24.522		
8,200.00	7,152.32	8,186.98	7,321.10	23.59	21.73	98.94	-30.35	-62.59	1,092.85	1,046.58	46.27	23.620		
8,300.00	7,151.36	8,286.98	7,320.40	24.52	22.66	98.95	-31.20	-162.58	1,092.80	1,044.66	48.14	22.701		
8,400.00	7,150.41	8,386.98	7,319.70	25.54	23.68	98.97	-32.05	-262.58	1,092.75	1,042.59	50.16	21.784		
8,500.00	7,149.45	8,486.98	7,319.00	26.64	24.76	98.98	-32.90	-362.57	1,092.70	1,040.38	52.32	20.885		
8,600.00	7,148.49	8,586.98	7,318.30	27.79	25.91	98.99	-33.75	-462.56	1,092.65	1,038.06	54.60	20.014		
8,700.00	7,147.54	8,686.98	7,317.60	29.00	27.12	99.01	-34.60	-562.56	1,092.60	1,035.63	56.97	19.177		
8,800.00	7,146.58	8,786.98	7,316.90	30.25	28.37	99.02	-35.45	-662.55	1,092.55	1,033.11	59.44	18.380		
8,900.00	7,145.62	8,886.98	7,316.20	31.54	29.67	99.04	-36.30	-762.55	1,092.50	1,030.51	61.99	17.624		
9,000.00	7,144.66	8,986.98	7,315.50	32.86	31.00	99.05	-37.15	-862.54	1,092.45	1,027.85	64.61	16.909		
9,100.00	7,143.71	9,086.98	7,314.80	34.21	32.36	99.06	-38.01	-962.53	1,092.41	1,025.12	67.29	16.234		
9,200.00	7,142.75	9,186.98	7,314.10	35.59	33.75	99.08	-38.86	-1,062.53	1,092.36	1,022.33	70.02	15.600		
9,300.00	7,141.79	9,286.98	7,313.40	36.99	35.17	99.09	-39.71	-1,162.52	1,092.31	1,019.50	72.81	15.003		
9,400.00	7,140.83	9,386.98	7,312.70	38.41	36.60	99.11	-40.56	-1,262.51	1,092.26	1,016.62	75.63	14.441		
9,500.00	7,139.88	9,486.98	7,312.00	39.86	38.06	99.12	-41.41	-1,362.51	1,092.21	1,013.71	78.50	13.914		
9,600.00	7,138.92	9,586.98	7,311.30	41.31	39.54	99.14	-42.26	-1,462.50	1,092.16	1,010.76	81.40	13.418		
9,700.00	7,137.96	9,686.98	7,310.60	42.79	41.03	99.15	-43.11	-1,562.49	1,092.11	1,007.78	84.33	12.951		
9,800.00	7,137.00	9,786.98	7,309.90	44.28	42.53	99.16	-43.96	-1,662.49	1,092.06	1,004.78	87.28	12.512		
9,900.00	7,136.05	9,886.98	7,309.20	45.78	44.04	99.18	-44.81	-1,762.48	1,092.01	1,001.75	90.27	12.098		
10,000.00	7,135.09	9,986.98	7,308.51	47.29	45.57	99.19	-45.66	-1,862.47	1,091.97	998.70	93.27	11.708		
10,100.00	7,134.13	10,086.98	7,307.81	48.81	47.11	99.21	-46.51	-1,962.47	1,091.92	995.62	96.29	11.340		
10,200.00	7,133.17	10,186.97	7,307.11	50.34	48.65	99.22	-47.36	-2,062.46	1,091.87	992.53	99.34	10.992		
10,300.00	7,132.22	10,286.97	7,306.41	51.88	50.21	99.23	-48.21	-2,162.46	1,091.82	989.43	102.39	10.663		
10,400.00	7,131.26	10,386.97	7,305.71	53.43	51.77	99.25	-49.06	-2,262.45	1,091.77	986.30	105.47	10.352		
10,500.00	7,130.30	10,486.97	7,305.01	54.98	53.34	99.26	-49.92	-2,362.44	1,091.72	983.17	108.56	10.057		
10,600.00	7,129.34	10,586.97	7,304.31	56.55	54.91	99.28	-50.77	-2,462.44	1,091.68	980.02	111.66	9.777		
10,700.00	7,128.39	10,686.97	7,303.61	58.11	56.49	99.29	-51.62	-2,562.43	1,091.63	976.86	114.77	9.511		
10,800.00	7,127.43	10,786.97	7,302.91	59.69	58.08	99.30	-52.47	-2,662.42	1,091.58	973.69	117.89	9.259		
10,900.00	7,126.47	10,886.97	7,302.21	61.26	59.67	99.32	-53.32	-2,762.42	1,091.53	970.51	121.03	9.019		
11,000.00	7,125.51	10,986.97	7,301.51	62.85	61.26	99.33	-54.17	-2,862.41	1,091.48	967.32	124.17	8.790		
11,100.00	7,124.56	11,086.97	7,300.81	64.44	62.86	99.35	-55.02	-2,962.40	1,091.44	964.12	127.32	8.573		
11,200.00	7,123.60	11,186.97	7,300.11	66.03	64.47	99.36	-55.87	-3,062.40	1,091.39	960.91	130.48	8.365		
11,300.00	7,122.64	11,286.97	7,299.41	67.62	66.07	99.38	-56.72	-3,162.39	1,091.34	957.70	133.64	8.166		
11,400.00	7,121.68	11,386.97	7,298.71	69.22	67.68	99.39	-57.57	-3,262.38	1,091.29	954.48	136.81	7.977		
11,500.00	7,120.73	11,486.97	7,298.01	70.83	69.30	99.40	-58.42	-3,362.38	1,091.24	951.25	139.99	7.795		
11,600.00	7,119.77	11,586.97	7,297.31	72.43	70.91	99.42	-59.27	-3,462.37	1,091.20	948.02	143.17	7.621		
11,700.00	7,118.81	11,686.97	7,296.61	74.04	72.53	99.43	-60.12	-3,562.37	1,091.15	944.79	146.36	7.455		
11,800.00	7,117.85	11,786.97	7,295.91	75.65	74.15	99.45	-60.97	-3,662.36	1,091.10	941.54	149.56	7.296		
11,900.00	7,116.90	11,886.97	7,295.21	77.27	75.77	99.46	-61.82	-3,762.35	1,091.05	938.30	152.76	7.142		
12,000.00	7,115.94	11,986.97	7,294.51	78.88	77.40	99.47	-62.68	-3,862.35	1,091.01	935.05	155.96	6.995		
12,100.00	7,114.98	12,086.97	7,293.81	80.50	79.03	99.49	-63.53	-3,962.34	1,090.96	931.79	159.17	6.854		
12,200.00	7,114.02	12,186.97	7,293.11	82.12	80.66	99.50	-64.38	-4,062.33	1,090.91	928.53	162.38	6.718		
12,300.00	7,113.07	12,286.97	7,292.41	83.75	82.29	99.52	-65.23	-4,162.33	1,090.87	925.27	165.59	6.588		
12,400.00	7,112.11	12,386.97	7,291.72	85.37	83.92	99.53	-66.08	-4,262.32	1,090.82	922.01	168.81	6.462		
12,500.00	7,111.15	12,486.97	7,291.02	87.00	85.55	99.55	-66.93	-4,362.31	1,090.77	918.74	172.03	6.340		
12,600.00	7,110.19	12,586.97	7,290.32	88.63	87.19	99.56	-67.78	-4,462.31	1,090.72	915.47	175.26	6.224		
12,700.00	7,109.24	12,686.97	7,289.62	90.26	88.83	99.57	-68.63	-4,562.30	1,090.68	912.19	178.48	6.111		
12,800.00	7,108.28	12,786.96	7,288.92	91.89	90.47	99.59	-69.48	-4,662.29	1,090.63	908.92	181.71	6.002		
12,900.00	7,107.32	12,886.96	7,288.22	93.52	92.11	99.60	-70.33	-4,762.29	1,090.58	905.64	184.95	5.897		
13,000.00	7,106.36	12,986.96	7,287.52	95.16	93.75	99.62	-71.18	-4,862.28	1,090.54	902.36	188.18	5.795		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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			
13,100.00	7,105.41	13,086.96	7,286.82	96.80	95.39	99.63	-72.03	-4,962.27	1,090.49	899.07	191.42	5.697			
13,200.00	7,104.45	13,186.96	7,286.12	98.43	97.03	99.64	-72.88	-5,062.27	1,090.45	895.79	194.66	5.602			
13,300.00	7,103.49	13,286.96	7,285.42	100.07	98.68	99.66	-73.73	-5,162.26	1,090.40	892.50	197.90	5.510			
13,400.00	7,102.53	13,386.96	7,284.72	101.71	100.32	99.67	-74.59	-5,262.26	1,090.35	889.21	201.14	5.421			
13,500.00	7,101.58	13,486.96	7,284.02	103.35	101.97	99.69	-75.44	-5,362.25	1,090.31	885.92	204.39	5.335			
13,600.00	7,100.62	13,586.96	7,283.32	104.99	103.62	99.70	-76.29	-5,462.24	1,090.26	882.63	207.63	5.251			
13,700.00	7,099.66	13,686.96	7,282.62	106.64	105.26	99.72	-77.14	-5,562.24	1,090.21	879.33	210.88	5.170			
13,800.00	7,098.70	13,786.96	7,281.92	108.28	106.91	99.73	-77.99	-5,662.23	1,090.17	876.04	214.13	5.091			
13,900.00	7,097.75	13,886.96	7,281.22	109.92	108.56	99.74	-78.84	-5,762.22	1,090.12	872.74	217.38	5.015			
14,000.00	7,096.79	13,986.96	7,280.52	111.57	110.21	99.76	-79.69	-5,862.22	1,090.08	869.44	220.63	4.941			
14,100.00	7,095.83	14,086.96	7,279.82	113.22	111.86	99.77	-80.54	-5,962.21	1,090.03	866.14	223.89	4.869			
14,200.00	7,094.87	14,186.96	7,279.12	114.86	113.52	99.79	-81.39	-6,062.20	1,089.98	862.84	227.14	4.799			
14,300.00	7,093.92	14,286.96	7,278.42	116.51	115.17	99.80	-82.24	-6,162.20	1,089.94	859.54	230.40	4.731			
14,400.00	7,092.96	14,386.96	7,277.72	118.16	116.82	99.81	-83.09	-6,262.19	1,089.89	856.24	233.66	4.665			
14,500.00	7,092.00	14,486.96	7,277.02	119.81	118.48	99.83	-83.94	-6,362.18	1,089.85	852.93	236.91	4.600			
14,600.00	7,091.04	14,586.96	7,276.32	121.46	120.13	99.84	-84.79	-6,462.18	1,089.80	849.63	240.17	4.538			
14,700.00	7,090.09	14,686.96	7,275.62	123.11	121.78	99.86	-85.64	-6,562.17	1,089.76	846.32	243.43	4.477			
14,800.00	7,089.13	14,786.96	7,274.93	124.76	123.44	99.87	-86.50	-6,662.17	1,089.71	843.01	246.70	4.417			
14,900.00	7,088.17	14,886.96	7,274.23	126.41	125.10	99.89	-87.35	-6,762.16	1,089.66	839.71	249.96	4.359			
15,000.00	7,087.21	14,986.96	7,273.53	128.07	126.75	99.90	-88.20	-6,862.15	1,089.62	836.40	253.22	4.303			
15,100.00	7,086.26	15,086.96	7,272.83	129.72	128.41	99.91	-89.05	-6,962.15	1,089.57	833.09	256.48	4.248			
15,200.00	7,085.30	15,186.96	7,272.13	131.37	130.07	99.93	-89.90	-7,062.14	1,089.53	829.78	259.75	4.195			
15,300.00	7,084.34	15,286.96	7,271.43	133.03	131.72	99.94	-90.75	-7,162.13	1,089.48	826.47	263.01	4.142			
15,327.33	7,084.08	15,314.29	7,271.24	133.48	132.18	99.95	-90.98	-7,189.46	1,089.47	825.57	263.91	4.128 SF			
15,331.10	7,084.04	15,305.08	7,271.30	133.54	132.02	99.94	-90.90	-7,180.26	1,089.55	825.83	263.72	4.132			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	-4.58	79.78	-6.39	80.04				
100.00	100.00	101.00	99.00	3.28	3.28	-4.58	79.78	-6.39	80.04	72.51	7.53	10.631	
200.00	200.00	201.00	199.00	3.31	3.31	-4.58	79.78	-6.39	80.04	72.46	7.57	10.567	CC, ES
300.00	300.00	299.67	299.67	3.35	3.35	-137.02	79.61	-6.00	80.29	72.63	7.66	10.485	
400.00	399.92	401.04	400.97	3.41	3.41	-136.69	78.14	-2.77	81.41	73.63	7.77	10.473	
500.00	499.64	502.40	502.07	3.49	3.49	-135.86	75.20	3.73	83.37	75.44	7.93	10.508	
600.00	599.05	603.72	602.82	3.60	3.61	-134.59	70.79	13.47	86.22	78.07	8.15	10.582	
700.00	698.03	704.98	703.07	3.74	3.75	-132.97	64.92	26.45	89.97	81.55	8.42	10.686	
800.00	796.44	805.97	802.50	3.93	3.94	-131.10	57.62	42.57	94.70	85.94	8.77	10.804	
900.00	894.18	905.74	900.49	4.16	4.16	-130.24	49.89	59.67	101.26	92.07	9.19	11.024	
1,000.00	991.29	1,005.39	998.35	4.45	4.41	-130.65	42.16	76.74	109.63	99.97	9.66	11.347	
1,100.00	1,088.34	1,105.02	1,096.21	4.77	4.68	-131.13	34.43	93.81	118.16	107.98	10.18	11.605	
1,200.00	1,185.40	1,204.65	1,194.06	5.11	4.97	-131.54	26.71	110.88	126.71	115.96	10.74	11.796	
1,300.00	1,282.45	1,304.28	1,291.91	5.48	5.28	-131.90	18.98	127.95	135.25	123.92	11.33	11.934	
1,400.00	1,379.51	1,403.91	1,389.77	5.87	5.60	-132.22	11.26	145.02	143.80	131.85	11.95	12.033	
1,500.00	1,476.56	1,503.54	1,487.62	6.27	5.93	-132.51	3.53	162.09	152.36	139.77	12.59	12.100	
1,600.00	1,573.62	1,603.17	1,585.47	6.68	6.27	-132.76	-4.19	179.16	160.92	147.67	13.25	12.144	
1,700.00	1,670.67	1,702.80	1,683.32	7.10	6.62	-132.99	-11.92	196.23	169.48	155.55	13.93	12.171	
1,800.00	1,767.73	1,802.43	1,781.18	7.53	6.97	-133.19	-19.64	213.30	178.04	163.43	14.61	12.184	
1,900.00	1,864.78	1,902.07	1,879.03	7.77	7.16	-133.38	-27.37	230.37	186.61	172.01	14.60	12.780	
2,000.00	1,961.84	2,001.70	1,976.88	7.83	7.20	-133.55	-35.10	247.44	195.18	180.50	14.68	13.299	
2,100.00	2,058.89	2,101.33	2,074.74	7.91	7.27	-133.71	-42.82	264.51	203.74	188.96	14.79	13.780	
2,200.00	2,155.95	2,200.96	2,172.59	8.01	7.34	-133.85	-50.55	281.58	212.31	197.39	14.93	14.221	
2,300.00	2,253.00	2,300.59	2,270.44	8.13	7.44	-133.98	-58.27	298.65	220.89	205.78	15.11	14.620	
2,400.00	2,350.06	2,400.22	2,368.29	8.26	7.55	-134.11	-66.00	315.72	229.46	214.14	15.32	14.979	
2,500.00	2,447.11	2,500.15	2,466.15	8.42	7.67	-134.22	-73.72	332.80	238.03	222.47	15.56	15.297	
2,600.00	2,544.17	2,599.48	2,564.00	8.59	7.81	-134.33	-81.45	349.87	246.61	230.78	15.83	15.576	
2,700.00	2,641.22	2,700.89	2,661.85	8.77	7.97	-134.42	-89.17	366.94	255.18	239.05	16.13	15.816	
2,800.00	2,738.28	2,801.26	2,759.71	8.98	8.14	-134.52	-96.90	384.01	263.76	247.30	16.46	16.023	
2,900.00	2,835.33	2,901.63	2,857.56	9.19	8.32	-134.60	-104.63	401.08	272.34	255.52	16.81	16.198	
3,000.00	2,932.39	3,002.00	2,955.41	9.42	8.51	-134.68	-112.35	418.15	280.91	263.73	17.19	16.343	
3,100.00	3,029.44	3,102.37	3,053.27	9.66	8.71	-134.76	-120.08	435.22	289.49	271.91	17.59	16.462	
3,200.00	3,126.50	3,197.26	3,151.12	9.91	8.91	-134.83	-127.80	452.29	298.07	280.08	17.99	16.567	
3,300.00	3,223.55	3,303.10	3,248.97	10.17	9.14	-134.90	-135.53	469.36	306.65	288.21	18.44	16.630	
3,400.00	3,320.61	3,396.53	3,346.82	10.44	9.36	-134.96	-143.25	486.43	315.23	296.35	18.88	16.699	
3,500.00	3,417.66	3,503.84	3,444.68	10.72	9.61	-135.03	-150.98	503.50	323.81	304.45	19.36	16.724	
3,600.00	3,514.71	3,604.21	3,542.53	11.00	9.85	-135.08	-158.70	520.57	332.39	312.54	19.85	16.748	
3,700.00	3,611.77	3,704.58	3,640.38	11.30	10.11	-135.14	-166.43	537.64	340.97	320.62	20.34	16.759	
3,800.00	3,708.82	3,804.95	3,738.24	11.60	10.36	-135.19	-174.16	554.71	349.55	328.69	20.86	16.760	
3,900.00	3,805.88	3,905.32	3,836.09	11.90	10.63	-135.24	-181.88	571.78	358.13	336.75	21.38	16.751	
4,000.00	3,902.93	4,005.69	3,933.94	12.22	10.90	-135.29	-189.61	588.85	366.71	344.80	21.91	16.735	
4,100.00	3,999.99	4,106.06	4,031.79	12.54	11.17	-135.33	-197.33	605.92	375.29	352.83	22.46	16.711	
4,200.00	4,097.04	4,206.43	4,129.65	12.86	11.45	-135.38	-205.06	622.99	383.87	360.86	23.01	16.682	
4,300.00	4,194.10	4,306.80	4,227.50	13.19	11.74	-135.42	-212.78	640.06	392.46	368.88	23.57	16.648	
4,400.00	4,291.15	4,407.17	4,325.35	13.52	12.03	-135.46	-220.51	657.13	401.04	376.89	24.14	16.610	
4,500.00	4,388.21	4,507.54	4,423.21	13.86	12.32	-135.49	-228.23	674.20	409.62	384.90	24.72	16.569	
4,600.00	4,485.26	4,607.91	4,521.06	14.20	12.61	-135.53	-235.96	691.27	418.20	392.89	25.31	16.525	
4,700.00	4,582.32	4,708.28	4,618.91	14.54	12.91	-135.57	-243.69	708.35	426.78	400.88	25.90	16.479	
4,800.00	4,679.37	4,808.64	4,716.76	14.89	13.21	-135.60	-251.41	725.42	435.37	408.87	26.50	16.431	
4,900.00	4,776.43	4,890.99	4,814.62	15.24	13.46	-135.63	-259.14	742.49	443.95	416.90	27.05	16.414	
5,000.00	4,873.48	4,990.62	4,912.47	15.59	13.77	-135.66	-266.86	759.56	452.53	424.88	27.65	16.364	
5,100.00	4,970.54	5,090.25	5,010.32	15.94	14.07	-135.69	-274.59	776.63	461.12	432.85	28.26	16.314	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	5,067.59	5,189.88	5,108.18	16.30	14.38	-135.72	-282.31	793.70	469.70	440.82	28.88	16.264		
5,300.00	5,164.65	5,289.51	5,206.03	16.66	14.69	-135.75	-290.04	810.77	478.28	448.78	29.50	16.213		
5,400.00	5,261.70	5,389.14	5,303.88	17.02	15.01	-135.77	-297.76	827.84	486.86	456.74	30.12	16.162		
5,500.00	5,358.76	5,488.77	5,401.73	17.39	15.32	-135.80	-305.49	844.91	495.45	464.70	30.75	16.111		
5,600.00	5,455.81	5,588.40	5,499.59	17.75	15.64	-135.83	-313.22	861.98	504.03	472.65	31.38	16.061		
5,700.00	5,552.87	5,688.03	5,597.44	18.12	15.96	-135.85	-320.94	879.05	512.62	480.60	32.02	16.010		
5,800.00	5,649.92	5,787.66	5,695.29	18.49	16.28	-135.87	-328.67	896.12	521.20	488.54	32.66	15.961		
5,900.00	5,746.98	5,887.29	5,793.15	18.86	16.60	-135.89	-336.39	913.19	529.78	496.49	33.30	15.911		
6,000.00	5,844.03	5,986.92	5,891.00	19.24	16.93	-135.92	-344.12	930.26	538.37	504.43	33.94	15.862		
6,100.00	5,941.09	6,086.56	5,988.85	19.61	17.25	-135.94	-351.84	947.33	546.95	512.36	34.59	15.814		
6,200.00	6,038.14	6,186.19	6,086.71	19.98	17.58	-135.96	-359.57	964.40	555.53	520.30	35.23	15.767		
6,300.00	6,135.20	6,285.82	6,184.56	20.36	17.90	-135.98	-367.29	981.47	564.12	528.23	35.89	15.720		
6,400.00	6,232.25	6,385.45	6,282.41	20.74	18.23	-136.00	-375.02	998.54	572.70	536.16	36.54	15.674		
6,500.00	6,329.31	6,485.08	6,380.26	21.12	18.56	-136.02	-382.75	1,015.61	581.29	544.09	37.19	15.628		
6,600.00	6,426.37	6,582.01	6,475.89	21.49	18.82	-138.48	-390.36	1,029.17	590.02	552.26	37.75	15.629		
6,700.00	6,524.50	6,676.40	6,569.87	21.72	18.97	178.43	-398.12	1,029.13	599.04	560.99	38.05	15.743		
6,800.00	6,622.76	6,769.74	6,661.77	21.88	19.05	133.03	-405.99	1,015.40	607.93	569.70	38.22	15.904		
6,900.00	6,718.71	6,862.22	6,749.87	21.97	19.09	112.39	-413.82	988.65	616.42	578.13	38.30	16.096		
7,000.00	6,810.00	6,954.03	6,832.58	22.01	19.09	102.75	-421.45	949.72	624.29	586.00	38.29	16.304		
7,100.00	6,894.37	7,045.34	6,908.43	22.00	19.06	97.35	-428.75	899.55	631.31	593.06	38.24	16.507		
7,200.00	6,969.76	7,136.34	6,976.12	21.96	19.01	94.00	-435.58	839.24	637.29	599.08	38.21	16.680		
7,300.00	7,034.30	7,227.17	7,034.44	21.89	18.98	91.84	-441.83	769.98	642.07	603.84	38.23	16.793		
7,400.00	7,086.41	7,318.01	7,082.34	21.80	18.96	90.51	-447.37	693.09	645.55	607.17	38.38	16.820		
7,500.00	7,124.80	7,409.00	7,118.90	21.71	18.98	89.80	-452.10	609.99	647.63	608.94	38.68	16.741		
7,600.00	7,148.53	7,500.30	7,143.34	21.62	19.06	89.62	-455.94	522.18	648.28	609.11	39.17	16.549		
7,700.00	7,157.02	7,592.04	7,155.03	21.55	19.22	89.91	-458.78	431.31	647.50	607.65	39.85	16.250		
7,800.00	7,156.15	7,688.46	7,155.45	21.56	19.50	90.03	-460.81	334.94	646.16	605.48	40.69	15.882		
7,900.00	7,155.19	7,788.45	7,154.44	21.72	19.95	90.03	-462.79	234.97	644.94	603.18	41.76	15.443		
8,000.00	7,154.24	7,888.44	7,153.42	22.13	20.56	90.02	-464.77	135.01	643.72	600.65	43.07	14.945		
8,100.00	7,153.28	7,988.43	7,152.40	22.77	21.30	90.02	-466.75	35.04	642.50	597.90	44.60	14.406		
8,200.00	7,152.32	8,088.43	7,151.39	23.59	22.16	90.01	-468.73	-64.93	641.28	594.95	46.32	13.844		
8,300.00	7,151.36	8,188.42	7,150.37	24.52	23.11	90.01	-470.71	-164.90	640.05	591.84	48.21	13.275		
8,400.00	7,150.41	8,288.41	7,149.35	25.54	24.15	90.00	-472.70	-264.86	638.83	588.57	50.26	12.710		
8,500.00	7,149.45	8,388.40	7,148.34	26.64	25.26	90.00	-474.68	-364.83	637.61	585.16	52.45	12.157		
8,600.00	7,148.49	8,488.40	7,147.32	27.79	26.43	89.99	-476.66	-464.80	636.39	581.64	54.75	11.624		
8,700.00	7,147.54	8,588.39	7,146.30	29.00	27.65	89.99	-478.64	-564.77	635.17	578.01	57.16	11.113		
8,800.00	7,146.58	8,688.38	7,145.29	30.25	28.92	89.98	-480.62	-664.73	633.94	574.29	59.65	10.627		
8,900.00	7,145.62	8,788.37	7,144.27	31.54	30.22	89.97	-482.60	-764.70	632.72	570.49	62.23	10.167		
9,000.00	7,144.66	8,888.37	7,143.25	32.86	31.56	89.97	-484.59	-864.67	631.50	566.62	64.88	9.733		
9,100.00	7,143.71	8,988.36	7,142.24	34.21	32.93	89.96	-486.57	-964.64	630.28	562.68	67.59	9.325		
9,200.00	7,142.75	9,088.35	7,141.22	35.59	34.33	89.96	-488.55	-1,064.61	629.05	558.69	70.36	8.940		
9,300.00	7,141.79	9,188.34	7,140.20	36.99	35.75	89.95	-490.53	-1,164.57	627.83	554.66	73.18	8.580		
9,400.00	7,140.83	9,288.34	7,139.19	38.41	37.19	89.95	-492.51	-1,264.54	626.61	550.58	76.03	8.241		
9,500.00	7,139.88	9,388.33	7,138.17	39.86	38.66	89.94	-494.49	-1,364.51	625.39	546.46	78.93	7.923		
9,600.00	7,138.92	9,488.32	7,137.15	41.31	40.13	89.94	-496.48	-1,464.48	624.17	542.30	81.86	7.624		
9,700.00	7,137.96	9,588.31	7,136.14	42.79	41.62	89.93	-498.46	-1,564.44	622.94	538.12	84.83	7.344		
9,800.00	7,137.00	9,688.31	7,135.12	44.28	43.13	89.93	-500.44	-1,664.41	621.72	533.90	87.82	7.080		
9,900.00	7,136.05	9,788.30	7,134.10	45.78	44.64	89.92	-502.42	-1,764.38	620.50	529.67	90.83	6.831		
10,000.00	7,135.09	9,888.29	7,133.09	47.29	46.17	89.91	-504.40	-1,864.35	619.28	525.41	93.87	6.597		
10,100.00	7,134.13	9,988.28	7,132.07	48.81	47.71	89.91	-506.38	-1,964.32	618.06	521.13	96.93	6.376		
10,200.00	7,133.17	10,088.28	7,131.05	50.34	49.25	89.90	-508.37	-2,064.28	616.83	516.83	100.01	6.168		
10,300.00	7,132.22	10,188.27	7,130.04	51.88	50.81	89.90	-510.35	-2,164.25	615.61	512.51	103.10	5.971		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,400.00	7,131.26	10,288.26	7,129.02	53.43	52.37	89.89	-512.33	-2,264.22	614.39	508.18	106.21	5.785		
10,500.00	7,130.30	10,388.26	7,128.00	54.98	53.94	89.89	-514.31	-2,364.19	613.17	503.83	109.33	5.608		
10,600.00	7,129.34	10,488.25	7,126.99	56.55	55.51	89.88	-516.29	-2,464.15	611.95	499.47	112.47	5.441		
10,700.00	7,128.39	10,588.24	7,125.97	58.11	57.09	89.87	-518.27	-2,564.12	610.72	495.10	115.62	5.282		
10,800.00	7,127.43	10,688.23	7,124.95	59.69	58.67	89.87	-520.26	-2,664.09	609.50	490.72	118.78	5.131		
10,900.00	7,126.47	10,788.23	7,123.94	61.26	60.26	89.86	-522.24	-2,764.06	608.28	486.33	121.95	4.988		
11,000.00	7,125.51	10,888.22	7,122.92	62.85	61.86	89.86	-524.22	-2,864.02	607.06	481.93	125.13	4.852		
11,100.00	7,124.56	10,988.21	7,121.90	64.44	63.45	89.85	-526.20	-2,963.99	605.84	477.52	128.31	4.722		
11,200.00	7,123.60	11,088.20	7,120.89	66.03	65.05	89.84	-528.18	-3,063.96	604.61	473.11	131.51	4.598		
11,300.00	7,122.64	11,188.20	7,119.87	67.62	66.66	89.84	-530.16	-3,163.93	603.39	468.68	134.71	4.479		
11,400.00	7,121.68	11,288.19	7,118.85	69.22	68.27	89.83	-532.15	-3,263.90	602.17	464.25	137.92	4.366		
11,500.00	7,120.73	11,388.18	7,117.84	70.83	69.88	89.83	-534.13	-3,363.86	600.95	459.81	141.13	4.258		
11,600.00	7,119.77	11,488.17	7,116.82	72.43	71.49	89.82	-536.11	-3,463.83	599.73	455.37	144.36	4.155		
11,700.00	7,118.81	11,588.17	7,115.80	74.04	73.11	89.81	-538.09	-3,563.80	598.50	450.92	147.58	4.055		
11,800.00	7,117.85	11,688.16	7,114.79	75.65	74.73	89.81	-540.07	-3,663.77	597.28	446.47	150.82	3.960		
11,857.65	7,117.30	11,738.51	7,114.27	76.58	75.54	89.81	-540.86	-3,714.11	596.84	444.35	152.48	3.914		
11,900.00	7,116.90	11,773.56	7,113.92	77.27	76.11	89.80	-540.91	-3,749.15	597.09	443.46	153.63	3.886		
12,000.00	7,115.94	11,872.03	7,112.92	78.88	77.71	89.80	-540.21	-3,847.62	598.56	441.73	156.83	3.817		
12,100.00	7,114.98	11,972.02	7,111.90	80.50	79.34	89.79	-539.49	-3,947.60	600.04	439.96	160.08	3.748		
12,200.00	7,114.02	12,072.01	7,110.88	82.12	80.97	89.79	-538.78	-4,047.58	601.51	438.19	163.33	3.683		
12,300.00	7,113.07	12,172.00	7,109.86	83.75	82.60	89.78	-538.06	-4,147.57	602.99	436.41	166.59	3.620		
12,400.00	7,112.11	12,271.99	7,108.84	85.37	84.23	89.78	-537.34	-4,247.55	604.47	434.62	169.85	3.559		
12,500.00	7,111.15	12,371.98	7,107.83	87.00	85.87	89.77	-536.63	-4,347.53	605.95	432.84	173.11	3.500		
12,600.00	7,110.19	12,471.97	7,106.81	88.63	87.50	89.77	-535.91	-4,447.51	607.42	431.05	176.38	3.444		
12,700.00	7,109.24	12,571.96	7,105.79	90.26	89.14	89.76	-535.19	-4,547.49	608.90	429.25	179.65	3.389		
12,800.00	7,108.28	12,671.94	7,104.77	91.89	90.78	89.76	-534.47	-4,647.47	610.38	427.46	182.92	3.337		
12,900.00	7,107.32	12,771.93	7,103.76	93.52	92.42	89.75	-533.76	-4,747.45	611.85	425.66	186.19	3.286		
13,000.00	7,106.36	12,871.92	7,102.74	95.16	94.06	89.75	-533.04	-4,847.43	613.33	423.86	189.47	3.237		
13,100.00	7,105.41	12,971.91	7,101.72	96.80	95.70	89.74	-532.32	-4,947.42	614.81	422.06	192.75	3.190		
13,200.00	7,104.45	13,071.90	7,100.70	98.43	97.34	89.74	-531.61	-5,047.40	616.29	420.25	196.03	3.144		
13,300.00	7,103.49	13,171.89	7,099.68	100.07	98.99	89.73	-530.89	-5,147.38	617.76	418.44	199.32	3.099		
13,400.00	7,102.53	13,271.88	7,098.67	101.71	100.63	89.73	-530.17	-5,247.36	619.24	416.63	202.61	3.056		
13,500.00	7,101.58	13,371.87	7,097.65	103.35	102.28	89.72	-529.45	-5,347.34	620.72	414.82	205.90	3.015		
13,600.00	7,100.62	13,471.86	7,096.63	104.99	103.93	89.72	-528.74	-5,447.32	622.19	413.01	209.19	2.974		
13,700.00	7,099.66	13,571.85	7,095.61	106.64	105.58	89.71	-528.02	-5,547.30	623.67	411.19	212.48	2.935		
13,800.00	7,098.70	13,671.84	7,094.60	108.28	107.22	89.71	-527.30	-5,647.29	625.15	409.37	215.77	2.897		
13,900.00	7,097.75	13,771.82	7,093.58	109.92	108.87	89.70	-526.59	-5,747.27	626.62	407.55	219.07	2.860		
14,000.00	7,096.79	13,871.81	7,092.56	111.57	110.53	89.70	-525.87	-5,847.25	628.10	405.73	222.37	2.825		
14,100.00	7,095.83	13,971.80	7,091.54	113.22	112.18	89.69	-525.15	-5,947.23	629.58	403.91	225.67	2.790		
14,200.00	7,094.87	14,071.79	7,090.53	114.86	113.83	89.69	-524.44	-6,047.21	631.06	402.09	228.97	2.756		
14,300.00	7,093.92	14,171.78	7,089.51	116.51	115.48	89.68	-523.72	-6,147.19	632.53	400.26	232.27	2.723		
14,400.00	7,092.96	14,271.77	7,088.49	118.16	117.13	89.68	-523.00	-6,247.17	634.01	398.44	235.57	2.691		
14,500.00	7,092.00	14,371.76	7,087.47	119.81	118.79	89.67	-522.28	-6,347.15	635.49	396.61	238.88	2.660		
14,600.00	7,091.04	14,471.75	7,086.45	121.46	120.44	89.67	-521.57	-6,447.14	636.96	394.78	242.19	2.630		
14,700.00	7,090.09	14,571.74	7,085.44	123.11	122.10	89.66	-520.85	-6,547.12	638.44	392.95	245.49	2.601		
14,800.00	7,089.13	14,671.73	7,084.42	124.76	123.75	89.66	-520.13	-6,647.10	639.92	391.12	248.80	2.572		
14,900.00	7,088.17	14,771.72	7,083.40	126.41	125.41	89.66	-519.42	-6,747.08	641.40	389.29	252.11	2.544		
15,000.00	7,087.21	14,871.70	7,082.38	128.07	127.07	89.65	-518.70	-6,847.06	642.87	387.45	255.42	2.517		
15,100.00	7,086.26	14,971.69	7,081.37	129.72	128.73	89.65	-517.98	-6,947.04	644.35	385.62	258.73	2.490		
15,200.00	7,085.30	15,071.68	7,080.35	131.37	130.38	89.64	-517.27	-7,047.02	645.83	383.78	262.05	2.465		
15,300.00	7,084.34	15,171.67	7,079.33	133.03	132.04	89.64	-516.55	-7,147.01	647.30	381.95	265.36	2.439		
15,331.10	7,084.04	15,202.77	7,079.01	133.54	132.56	89.64	-516.32	-7,178.10	647.76	381.37	266.39	2.432 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	1.00	-1.00	3.28	3.28	-4.62	99.82	-8.06	100.15				
100.00	100.00	101.00	99.00	3.28	3.28	-4.62	99.82	-8.06	100.15	92.62	7.53	13.301	
200.00	200.00	201.00	199.00	3.31	3.31	-4.62	99.82	-8.06	100.15	92.57	7.57	13.222 CC, ES	
300.00	300.00	299.50	299.50	3.35	3.35	-137.11	99.74	-7.80	100.51	92.85	7.66	13.123	
400.00	399.92	400.77	400.72	3.41	3.41	-136.91	98.84	-4.75	102.18	94.41	7.78	13.143	
500.00	499.64	502.02	501.73	3.49	3.50	-136.19	96.92	1.73	105.15	97.21	7.94	13.245	
600.00	599.05	603.19	602.37	3.60	3.61	-135.02	94.00	11.63	109.43	101.28	8.15	13.422	
700.00	698.03	704.25	702.47	3.74	3.75	-133.50	90.07	24.90	115.07	106.64	8.43	13.652	
800.00	796.44	804.63	801.41	3.93	3.93	-131.88	85.27	41.11	122.21	113.44	8.77	13.928	
900.00	894.18	904.18	899.45	4.16	4.14	-131.33	80.36	57.70	131.56	122.38	9.19	14.322	
1,000.00	991.29	1,003.54	997.30	4.45	4.38	-131.76	75.46	74.27	142.77	133.11	9.65	14.789	
1,100.00	1,088.34	1,102.89	1,095.13	4.77	4.63	-132.25	70.57	90.82	154.13	143.97	10.16	15.167	
1,200.00	1,185.40	1,202.23	1,192.96	5.11	4.91	-132.67	65.67	107.38	165.51	154.80	10.71	15.456	
1,300.00	1,282.45	1,301.57	1,290.79	5.48	5.19	-133.04	60.77	123.94	176.90	165.61	11.29	15.674	
1,400.00	1,379.51	1,400.92	1,388.63	5.87	5.49	-133.36	55.87	140.50	188.29	176.40	11.89	15.836	
1,500.00	1,476.56	1,500.26	1,486.46	6.27	5.81	-133.65	50.97	157.06	199.69	187.17	12.52	15.955	
1,600.00	1,573.62	1,600.40	1,584.29	6.68	6.13	-133.91	46.07	173.62	211.09	197.93	13.16	16.038	
1,700.00	1,670.67	1,701.05	1,682.12	7.10	6.46	-134.14	41.17	190.18	222.50	208.67	13.83	16.093	
1,800.00	1,767.73	1,801.71	1,779.95	7.53	6.80	-134.34	36.28	206.73	233.91	219.41	14.50	16.131	
1,900.00	1,864.78	1,902.36	1,877.78	7.77	6.98	-134.53	31.38	223.29	245.32	230.83	14.49	16.932	
2,000.00	1,961.84	2,003.02	1,975.61	7.83	7.02	-134.70	26.48	239.85	256.73	242.17	14.56	17.632	
2,100.00	2,058.89	2,103.68	2,073.45	7.91	7.08	-134.86	21.58	256.41	268.15	253.48	14.67	18.280	
2,200.00	2,155.95	2,204.33	2,171.28	8.01	7.15	-135.00	16.68	272.97	279.57	264.76	14.81	18.874	
2,300.00	2,253.00	2,304.99	2,269.11	8.13	7.24	-135.14	11.78	289.53	290.99	276.00	14.99	19.414	
2,400.00	2,350.06	2,405.65	2,366.94	8.26	7.35	-135.26	6.88	306.09	302.41	287.21	15.20	19.899	
2,500.00	2,447.11	2,506.30	2,464.77	8.42	7.47	-135.37	1.99	322.64	313.83	298.40	15.44	20.330	
2,600.00	2,544.17	2,606.96	2,562.60	8.59	7.60	-135.48	-2.91	339.20	325.26	309.55	15.71	20.710	
2,700.00	2,641.22	2,707.62	2,660.43	8.77	7.75	-135.58	-7.81	355.76	336.68	320.68	16.00	21.041	
2,800.00	2,738.28	2,808.27	2,758.27	8.98	7.91	-135.67	-12.71	372.32	348.11	331.78	16.32	21.325	
2,900.00	2,835.33	2,908.93	2,856.10	9.19	8.08	-135.75	-17.61	388.88	359.53	342.86	16.67	21.566	
3,000.00	2,932.39	3,009.58	2,953.93	9.42	8.26	-135.83	-22.51	405.44	370.96	353.92	17.04	21.769	
3,100.00	3,029.44	3,089.76	3,051.76	9.66	8.42	-135.91	-27.41	421.99	382.39	365.00	17.39	21.985	
3,200.00	3,126.50	3,189.10	3,149.59	9.91	8.62	-135.98	-32.30	438.55	393.82	376.02	17.80	22.124	
3,300.00	3,223.55	3,288.45	3,247.42	10.17	8.82	-136.05	-37.20	455.11	405.25	387.02	18.23	22.235	
3,400.00	3,320.61	3,387.79	3,345.25	10.44	9.04	-136.11	-42.10	471.67	416.68	398.01	18.67	22.320	
3,500.00	3,417.66	3,487.13	3,443.08	10.72	9.26	-136.17	-47.00	488.23	428.11	408.98	19.13	22.383	
3,600.00	3,514.71	3,586.48	3,540.92	11.00	9.49	-136.23	-51.90	504.79	439.54	419.94	19.60	22.426	
3,700.00	3,611.77	3,685.82	3,638.75	11.30	9.73	-136.29	-56.80	521.35	450.97	430.88	20.09	22.452	
3,800.00	3,708.82	3,785.16	3,736.58	11.60	9.97	-136.34	-61.70	537.90	462.40	441.82	20.59	22.462	
3,900.00	3,805.88	3,884.51	3,834.41	11.90	10.22	-136.39	-66.59	554.46	473.83	452.74	21.10	22.460	
4,000.00	3,902.93	3,983.85	3,932.24	12.22	10.48	-136.43	-71.49	571.02	485.26	463.65	21.62	22.447	
4,100.00	3,999.99	4,083.20	4,030.07	12.54	10.74	-136.48	-76.39	587.58	496.70	474.55	22.15	22.423	
4,200.00	4,097.04	4,182.54	4,127.90	12.86	11.00	-136.52	-81.29	604.14	508.13	485.44	22.69	22.392	
4,300.00	4,194.10	4,281.88	4,225.74	13.19	11.27	-136.56	-86.19	620.70	519.56	496.32	23.24	22.354	
4,400.00	4,291.15	4,381.23	4,323.57	13.52	11.54	-136.60	-91.09	637.26	531.00	507.20	23.80	22.310	
4,500.00	4,388.21	4,480.57	4,421.40	13.86	11.82	-136.64	-95.99	653.81	542.43	518.06	24.37	22.262	
4,600.00	4,485.26	4,579.91	4,519.23	14.20	12.10	-136.67	-100.88	670.37	553.86	528.92	24.94	22.209	
4,700.00	4,582.32	4,679.26	4,617.06	14.54	12.38	-136.71	-105.78	686.93	565.30	539.78	25.52	22.153	
4,800.00	4,679.37	4,778.60	4,714.89	14.89	12.67	-136.74	-110.68	703.49	576.73	550.63	26.10	22.095	
4,900.00	4,776.43	4,877.94	4,812.72	15.24	12.96	-136.77	-115.58	720.05	588.17	561.47	26.69	22.034	
5,000.00	4,873.48	4,977.29	4,910.56	15.59	13.25	-136.80	-120.48	736.61	599.60	572.31	27.29	21.972	
5,100.00	4,970.54	5,076.63	5,008.39	15.94	13.54	-136.83	-125.38	753.17	611.03	583.14	27.89	21.908	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	5,067.59	5,175.97	5,106.22	16.30	13.84	-136.86	-130.28	769.72	622.47	593.97	28.50	21.844		
5,300.00	5,164.65	5,275.32	5,204.05	16.66	14.14	-136.89	-135.17	786.28	633.90	604.80	29.11	21.779		
5,400.00	5,261.70	5,374.66	5,301.88	17.02	14.44	-136.92	-140.07	802.84	645.34	615.62	29.72	21.714		
5,500.00	5,358.76	5,474.01	5,399.71	17.39	14.74	-136.94	-144.97	819.40	656.77	626.44	30.34	21.649		
5,600.00	5,455.81	5,573.35	5,497.54	17.75	15.05	-136.97	-149.87	835.96	668.21	637.25	30.96	21.584		
5,700.00	5,552.87	5,672.69	5,595.37	18.12	15.35	-136.99	-154.77	852.52	679.64	648.06	31.58	21.519		
5,800.00	5,649.92	5,772.04	5,693.21	18.49	15.66	-137.01	-159.67	869.07	691.08	658.87	32.21	21.454		
5,900.00	5,746.98	5,871.38	5,791.04	18.86	15.97	-137.03	-164.57	885.63	702.52	669.67	32.84	21.391		
6,000.00	5,844.03	5,970.72	5,888.87	19.24	16.28	-137.06	-169.46	902.19	713.95	680.48	33.48	21.327		
6,100.00	5,941.09	6,070.07	5,986.70	19.61	16.59	-137.08	-174.36	918.75	725.39	691.28	34.11	21.265		
6,200.00	6,038.14	6,169.41	6,084.53	19.98	16.90	-137.10	-179.26	935.31	736.82	702.07	34.75	21.203		
6,300.00	6,135.20	6,268.75	6,182.36	20.36	17.22	-137.12	-184.16	951.87	748.26	712.87	35.39	21.142		
6,400.00	6,232.25	6,368.10	6,280.19	20.74	17.53	-137.14	-189.06	968.43	759.70	723.66	36.03	21.082		
6,500.00	6,329.31	6,467.44	6,378.03	21.12	17.85	-137.15	-193.96	984.98	771.13	734.45	36.68	21.023		
6,600.00	6,426.37	6,566.79	6,475.86	21.49	18.16	-139.34	-198.86	1,001.54	782.56	745.24	37.33	20.966		
6,700.00	6,524.50	6,657.66	6,566.07	21.72	18.36	178.26	-203.42	1,010.78	793.93	756.17	37.76	21.023		
6,800.00	6,622.76	6,748.46	6,656.60	21.88	18.48	133.53	-208.12	1,007.09	805.21	767.15	38.07	21.152		
6,900.00	6,718.71	6,839.73	6,746.12	21.97	18.55	113.51	-212.88	990.43	816.15	777.90	38.26	21.334		
7,000.00	6,810.00	6,931.67	6,832.97	22.01	18.57	104.46	-217.61	960.87	826.51	788.16	38.35	21.552		
7,100.00	6,894.37	7,024.50	6,915.42	22.00	18.56	99.59	-222.22	918.65	836.05	797.67	38.38	21.784		
7,200.00	6,969.76	7,118.41	6,991.69	21.96	18.53	96.72	-226.62	864.19	844.57	806.19	38.38	22.003		
7,300.00	7,034.30	7,213.57	7,059.97	21.89	18.50	94.99	-230.71	798.15	851.89	813.48	38.42	22.175		
7,400.00	7,086.41	7,310.15	7,118.43	21.80	18.49	94.01	-234.38	721.48	857.85	819.32	38.53	22.263		
7,500.00	7,124.80	7,408.26	7,165.27	21.71	18.53	93.60	-237.54	635.44	862.32	823.53	38.79	22.231		
7,600.00	7,148.53	7,508.00	7,198.79	21.62	18.64	93.63	-240.07	541.64	865.18	825.96	39.22	22.058		
7,700.00	7,157.02	7,609.41	7,217.46	21.55	18.86	94.07	-241.89	442.10	866.38	826.52	39.85	21.739		
7,800.00	7,156.15	7,711.51	7,220.75	21.56	19.19	94.34	-242.94	340.12	866.43	825.74	40.69	21.295		
7,900.00	7,155.19	7,811.51	7,219.88	21.72	19.65	94.35	-243.75	240.13	866.38	824.62	41.75	20.750		
8,000.00	7,154.24	7,911.51	7,219.00	22.13	20.26	94.35	-244.57	140.14	866.33	823.27	43.06	20.121		
8,100.00	7,153.28	8,011.51	7,218.13	22.77	20.99	94.36	-245.39	40.15	866.28	821.70	44.57	19.434		
8,200.00	7,152.32	8,111.51	7,217.26	23.59	21.84	94.37	-246.20	-59.85	866.22	819.94	46.29	18.714		
8,300.00	7,151.36	8,211.51	7,216.39	24.52	22.78	94.37	-247.02	-159.84	866.17	818.00	48.17	17.980		
8,400.00	7,150.41	8,311.51	7,215.51	25.54	23.50	94.38	-247.84	-259.83	866.12	815.91	50.21	17.248		
8,500.00	7,149.45	8,411.51	7,214.64	26.64	24.90	94.38	-248.65	-359.82	866.07	813.68	52.39	16.531		
8,600.00	7,148.49	8,511.51	7,213.77	27.79	26.06	94.39	-249.47	-459.82	866.02	811.34	54.68	15.837		
8,700.00	7,147.54	8,611.51	7,212.90	29.00	27.27	94.40	-250.29	-559.81	865.97	808.89	57.08	15.170		
8,800.00	7,146.58	8,711.51	7,212.02	30.25	28.53	94.40	-251.10	-659.80	865.92	806.35	59.57	14.535		
8,900.00	7,145.62	8,811.51	7,211.15	31.54	29.83	94.41	-251.92	-759.80	865.87	803.73	62.14	13.933		
9,000.00	7,144.66	8,911.51	7,210.28	32.86	31.17	94.41	-252.74	-859.79	865.82	801.04	64.79	13.364		
9,100.00	7,143.71	9,011.51	7,209.41	34.21	32.54	94.42	-253.55	-959.78	865.77	798.28	67.49	12.828		
9,200.00	7,142.75	9,111.51	7,208.54	35.59	33.93	94.43	-254.37	-1,059.77	865.72	795.47	70.25	12.323		
9,300.00	7,141.79	9,211.51	7,207.66	36.99	35.35	94.43	-255.19	-1,159.77	865.67	792.62	73.06	11.849		
9,400.00	7,140.83	9,311.51	7,206.79	38.41	36.79	94.44	-256.00	-1,259.76	865.62	789.71	75.91	11.403		
9,500.00	7,139.88	9,411.51	7,205.92	39.86	38.25	94.44	-256.82	-1,359.75	865.57	786.77	78.80	10.985		
9,600.00	7,138.92	9,511.51	7,205.05	41.31	39.73	94.45	-257.64	-1,459.75	865.52	783.80	81.72	10.591		
9,700.00	7,137.96	9,611.51	7,204.17	42.79	41.22	94.45	-258.45	-1,559.74	865.47	780.80	84.68	10.221		
9,800.00	7,137.00	9,711.51	7,203.30	44.28	42.73	94.46	-259.27	-1,659.73	865.42	777.76	87.66	9.872		
9,900.00	7,136.05	9,811.51	7,202.43	45.78	44.24	94.47	-260.08	-1,759.72	865.37	774.70	90.67	9.544		
10,000.00	7,135.09	9,911.51	7,201.56	47.29	45.77	94.47	-260.90	-1,859.72	865.32	771.62	93.70	9.235		
10,100.00	7,134.13	10,011.51	7,200.68	48.81	47.31	94.48	-261.72	-1,959.71	865.27	768.52	96.75	8.943		
10,200.00	7,133.17	10,111.51	7,199.81	50.34	48.86	94.48	-262.53	-2,059.70	865.22	765.40	99.82	8.668		
10,300.00	7,132.22	10,211.51	7,198.94	51.88	50.41	94.49	-263.35	-2,159.70	865.17	762.27	102.91	8.407		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,400.00	7,131.26	10,311.51	7,198.07	53.43	51.98	94.50	-264.17	-2,259.69	865.12	759.12	106.01	8.161		
10,500.00	7,130.30	10,411.51	7,197.19	54.98	53.55	94.50	-264.98	-2,359.68	865.07	755.95	109.12	7.927		
10,600.00	7,129.34	10,511.51	7,196.32	56.55	55.12	94.51	-265.80	-2,459.67	865.02	752.77	112.25	7.706		
10,700.00	7,128.39	10,611.51	7,195.45	58.11	56.70	94.51	-266.62	-2,559.67	864.97	749.58	115.39	7.496		
10,800.00	7,127.43	10,711.51	7,194.58	59.69	58.29	94.52	-267.43	-2,659.66	864.92	746.38	118.54	7.296		
10,900.00	7,126.47	10,811.51	7,193.70	61.26	59.88	94.53	-268.25	-2,759.65	864.87	743.17	121.71	7.106		
11,000.00	7,125.51	10,911.51	7,192.83	62.85	61.48	94.53	-269.07	-2,859.65	864.82	739.95	124.88	6.926		
11,100.00	7,124.56	11,011.51	7,191.96	64.44	63.08	94.54	-269.88	-2,959.64	864.77	736.72	128.05	6.753		
11,200.00	7,123.60	11,111.51	7,191.09	66.03	64.68	94.54	-270.70	-3,059.63	864.73	733.48	131.24	6.589		
11,300.00	7,122.64	11,211.51	7,190.21	67.62	66.29	94.55	-271.52	-3,159.62	864.68	730.24	134.44	6.432		
11,400.00	7,121.68	11,311.51	7,189.34	69.22	67.90	94.56	-272.33	-3,259.62	864.63	726.99	137.64	6.282		
11,500.00	7,120.73	11,411.51	7,188.47	70.83	69.51	94.56	-273.15	-3,359.61	864.58	723.73	140.84	6.139		
11,600.00	7,119.77	11,511.51	7,187.60	72.43	71.12	94.57	-273.97	-3,459.60	864.53	720.47	144.06	6.001		
11,700.00	7,118.81	11,611.51	7,186.72	74.04	72.74	94.57	-274.78	-3,559.59	864.48	717.20	147.28	5.870		
11,800.00	7,117.85	11,711.51	7,185.85	75.65	74.36	94.58	-275.60	-3,659.59	864.43	713.93	150.50	5.744		
11,900.00	7,116.90	11,811.51	7,184.98	77.27	75.99	94.58	-276.42	-3,759.58	864.38	710.65	153.73	5.623		
12,000.00	7,115.94	11,911.51	7,184.11	78.88	77.61	94.59	-277.23	-3,859.57	864.33	707.36	156.96	5.507		
12,100.00	7,114.98	12,011.51	7,183.23	80.50	79.24	94.60	-278.05	-3,959.57	864.28	704.08	160.20	5.395		
12,200.00	7,114.02	12,111.51	7,182.36	82.12	80.87	94.60	-278.86	-4,059.56	864.23	700.78	163.44	5.288		
12,300.00	7,113.07	12,211.51	7,181.49	83.75	82.50	94.61	-279.68	-4,159.55	864.18	697.49	166.69	5.184		
12,400.00	7,112.11	12,311.51	7,180.62	85.37	84.13	94.61	-280.50	-4,259.54	864.13	694.19	169.94	5.085		
12,500.00	7,111.15	12,411.51	7,179.74	87.00	85.77	94.62	-281.31	-4,359.54	864.08	690.89	173.19	4.989		
12,600.00	7,110.19	12,511.51	7,178.87	88.63	87.41	94.63	-282.13	-4,459.53	864.03	687.58	176.44	4.897		
12,700.00	7,109.24	12,611.51	7,178.00	90.26	89.04	94.63	-282.95	-4,559.52	863.98	684.27	179.70	4.808		
12,800.00	7,108.28	12,711.51	7,177.13	91.89	90.68	94.64	-283.76	-4,659.52	863.93	680.96	182.96	4.722		
12,900.00	7,107.32	12,811.51	7,176.25	93.52	92.32	94.64	-284.58	-4,759.51	863.88	677.65	186.23	4.639		
13,000.00	7,106.36	12,911.51	7,175.38	95.16	93.96	94.65	-285.40	-4,859.50	863.83	674.33	189.50	4.559		
13,100.00	7,105.41	13,011.51	7,174.51	96.80	95.60	94.66	-286.21	-4,959.49	863.78	671.01	192.76	4.481		
13,200.00	7,104.45	13,111.51	7,173.64	98.43	97.25	94.66	-287.03	-5,059.49	863.73	667.69	196.04	4.406		
13,300.00	7,103.49	13,211.51	7,172.76	100.07	98.89	94.67	-287.85	-5,159.48	863.68	664.37	199.31	4.333		
13,400.00	7,102.53	13,311.51	7,171.89	101.71	100.54	94.67	-288.66	-5,259.47	863.63	661.05	202.58	4.263		
13,500.00	7,101.58	13,411.51	7,171.02	103.35	102.18	94.68	-289.48	-5,359.47	863.58	657.72	205.86	4.195		
13,600.00	7,100.62	13,511.51	7,170.15	104.99	103.83	94.69	-290.30	-5,459.46	863.53	654.39	209.14	4.129		
13,700.00	7,099.66	13,611.51	7,169.27	106.64	105.48	94.69	-291.11	-5,559.45	863.48	651.06	212.42	4.065		
13,800.00	7,098.70	13,711.51	7,168.40	108.28	107.13	94.70	-291.93	-5,659.44	863.43	647.73	215.71	4.003		
13,900.00	7,097.75	13,811.51	7,167.53	109.92	108.78	94.70	-292.75	-5,759.44	863.38	644.39	218.99	3.943		
14,000.00	7,096.79	13,911.51	7,166.66	111.57	110.43	94.71	-293.56	-5,859.43	863.33	641.06	222.28	3.884		
14,100.00	7,095.83	14,011.51	7,165.79	113.22	112.08	94.72	-294.38	-5,959.42	863.28	637.72	225.56	3.827		
14,200.00	7,094.87	14,111.51	7,164.91	114.86	113.73	94.72	-295.19	-6,059.41	863.23	634.38	228.85	3.772		
14,300.00	7,093.92	14,211.51	7,164.04	116.51	115.38	94.73	-296.01	-6,159.41	863.18	631.04	232.14	3.718		
14,400.00	7,092.96	14,311.51	7,163.17	118.16	117.04	94.73	-296.83	-6,259.40	863.13	627.70	235.43	3.666		
14,500.00	7,092.00	14,411.51	7,162.30	119.81	118.69	94.74	-297.64	-6,359.39	863.08	624.36	238.73	3.615		
14,600.00	7,091.04	14,511.51	7,161.42	121.46	120.35	94.74	-298.46	-6,459.39	863.04	621.02	242.02	3.566		
14,700.00	7,090.09	14,611.51	7,160.55	123.11	122.00	94.75	-299.28	-6,559.38	862.99	617.67	245.32	3.518		
14,800.00	7,089.13	14,711.51	7,159.68	124.76	123.66	94.76	-300.09	-6,659.37	862.94	614.33	248.61	3.471		
14,900.00	7,088.17	14,811.51	7,158.81	126.41	125.31	94.76	-300.91	-6,759.36	862.89	610.98	251.91	3.425		
15,000.00	7,087.21	14,911.51	7,157.93	128.07	126.97	94.77	-301.73	-6,859.36	862.84	607.63	255.21	3.381		
15,100.00	7,086.26	15,011.51	7,157.06	129.72	128.62	94.77	-302.54	-6,959.35	862.79	604.28	258.51	3.338		
15,200.00	7,085.30	15,111.51	7,156.19	131.37	130.28	94.78	-303.36	-7,059.34	862.74	600.93	261.81	3.295		
15,300.00	7,084.34	15,211.51	7,155.32	133.03	131.94	94.79	-304.18	-7,159.34	862.69	597.58	265.10	3.254		
15,324.84	7,084.10	15,236.35	7,155.10	133.44	132.35	94.79	-304.38	-7,184.17	862.68	596.75	265.92	3.244 SF		
15,331.10	7,084.04	15,233.05	7,155.13	133.54	132.30	94.79	-304.35	-7,180.87	862.73	596.85	265.88	3.245		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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 25C-1-M - Wellbore #1 - Design #1										Offset Site Error:	0.00 usft
Survey Program:		0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA										Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	175.15	-19.67	1.67	19.74				
100.00	100.00	100.00	100.00	3.28	3.28	175.15	-19.67	1.67	19.74	12.21	7.53	2.622	
200.00	200.00	200.00	200.00	3.31	3.31	175.15	-19.67	1.67	19.74	12.17	7.57	2.607	CC, ES
300.00	300.00	299.57	299.56	3.35	3.35	41.96	-20.46	2.44	20.14	12.49	7.66	2.631	
400.00	399.92	399.01	398.89	3.41	3.41	41.27	-23.68	5.57	20.82	13.05	7.76	2.681	
500.00	499.64	498.42	497.98	3.49	3.49	41.08	-29.36	11.10	21.61	13.69	7.91	2.730	
600.00	599.05	597.81	596.72	3.60	3.60	41.33	-37.50	19.02	22.51	14.40	8.11	2.776	
700.00	698.03	697.18	694.98	3.74	3.75	41.97	-48.08	29.33	23.53	15.17	8.35	2.816	
800.00	796.44	796.53	792.64	3.93	3.94	42.94	-61.10	42.00	24.66	16.01	8.66	2.848	
900.00	894.18	895.85	889.60	4.16	4.18	44.18	-76.53	57.02	25.93	16.89	9.04	2.869	
1,000.00	991.29	995.52	986.21	4.45	4.47	45.32	-94.08	74.11	27.44	17.93	9.51	2.887	
1,100.00	1,088.34	1,104.50	1,083.04	4.77	4.83	46.19	-111.95	91.50	29.07	18.99	10.07	2.886	
1,200.00	1,185.40	1,204.51	1,179.86	5.11	5.19	46.96	-129.81	108.89	30.70	20.04	10.67	2.879	
1,300.00	1,282.45	1,304.52	1,276.69	5.48	5.57	47.66	-147.68	126.28	32.34	21.04	11.30	2.862	
1,400.00	1,379.51	1,404.54	1,373.52	5.87	5.97	48.29	-165.55	143.67	33.99	22.02	11.97	2.840	
1,500.00	1,476.56	1,504.55	1,470.34	6.27	6.38	48.86	-183.41	161.06	35.64	22.97	12.67	2.813	
1,600.00	1,573.62	1,604.57	1,567.17	6.68	6.81	49.38	-201.28	178.46	37.29	23.90	13.39	2.784	
1,700.00	1,670.67	1,704.58	1,664.00	7.10	7.25	49.86	-219.14	195.85	38.95	24.81	14.14	2.754	
1,800.00	1,767.73	1,804.60	1,760.83	7.53	7.68	50.29	-237.01	213.24	40.60	25.71	14.89	2.726	
1,900.00	1,864.78	1,904.61	1,857.65	7.77	7.92	50.70	-254.87	230.63	42.26	27.33	14.93	2.830	
2,000.00	1,961.84	2,004.62	1,954.48	7.83	7.98	51.07	-272.74	248.02	43.92	28.88	15.04	2.920	
2,100.00	2,058.89	2,104.64	2,051.31	7.91	8.06	51.41	-290.61	265.42	45.59	30.40	15.19	3.002	
2,200.00	2,155.95	2,204.65	2,148.13	8.01	8.17	51.74	-308.47	282.81	47.25	31.88	15.37	3.074	
2,300.00	2,253.00	2,304.67	2,244.96	8.13	8.29	52.03	-326.34	300.20	48.92	33.33	15.59	3.137	
2,400.00	2,350.06	2,404.68	2,341.79	8.26	8.43	52.31	-344.20	317.59	50.58	34.74	15.85	3.192	
2,500.00	2,447.11	2,504.70	2,438.62	8.42	8.59	52.58	-362.07	334.98	52.25	36.12	16.14	3.238	
2,600.00	2,544.17	2,604.71	2,535.44	8.59	8.77	52.82	-379.93	352.37	53.92	37.47	16.46	3.277	
2,700.00	2,641.22	2,704.72	2,632.27	8.77	8.96	53.05	-397.80	369.77	55.59	38.79	16.81	3.308	
2,800.00	2,738.28	2,804.74	2,729.10	8.98	9.17	53.27	-415.67	387.16	57.26	40.08	17.18	3.332	
2,900.00	2,835.33	2,895.25	2,825.92	9.19	9.37	53.47	-433.53	404.55	58.94	41.37	17.57	3.354	
3,000.00	2,932.39	3,004.77	2,922.75	9.42	9.62	53.67	-451.40	421.94	60.61	42.59	18.02	3.364	
3,100.00	3,029.44	3,095.22	3,019.58	9.66	9.84	53.85	-469.26	439.33	62.28	43.84	18.45	3.376	
3,200.00	3,126.50	3,195.21	3,116.41	9.91	10.10	54.02	-487.13	456.73	63.96	45.04	18.92	3.380	
3,300.00	3,223.55	3,295.19	3,213.23	10.17	10.36	54.19	-504.99	474.12	65.63	46.22	19.41	3.381	
3,400.00	3,320.61	3,404.82	3,310.06	10.44	10.67	54.35	-522.86	491.51	67.31	47.36	19.95	3.374	
3,500.00	3,417.66	3,495.16	3,406.89	10.72	10.92	54.50	-540.72	508.90	68.98	48.53	20.45	3.374	
3,600.00	3,514.71	3,604.85	3,503.72	11.00	11.25	54.64	-558.59	526.29	70.66	49.64	21.02	3.362	
3,700.00	3,611.77	3,704.87	3,600.54	11.30	11.55	54.77	-576.46	543.68	72.33	50.76	21.57	3.353	
3,800.00	3,708.82	3,804.88	3,697.37	11.60	11.85	54.90	-594.32	561.08	74.01	51.87	22.15	3.342	
3,900.00	3,805.88	3,904.89	3,794.20	11.90	12.17	55.03	-612.19	578.47	75.69	52.96	22.73	3.330	
4,000.00	3,902.93	4,004.91	3,891.02	12.22	12.49	55.14	-630.05	595.86	77.37	54.04	23.32	3.317	
4,100.00	3,999.99	4,095.08	3,987.85	12.54	12.78	55.26	-647.92	613.25	79.04	55.15	23.90	3.308	
4,200.00	4,097.04	4,204.94	4,084.68	12.86	13.14	55.36	-665.78	630.64	80.72	56.18	24.54	3.289	
4,300.00	4,194.10	4,304.95	4,181.51	13.19	13.48	55.47	-683.65	648.04	82.40	57.23	25.17	3.274	
4,400.00	4,291.15	4,404.96	4,278.33	13.52	13.82	55.57	-701.52	665.43	84.08	58.28	25.80	3.259	
4,500.00	4,388.21	4,495.02	4,375.16	13.86	14.13	55.66	-719.38	682.82	85.76	59.35	26.41	3.248	
4,600.00	4,485.26	4,604.99	4,471.99	14.20	14.51	55.76	-737.25	700.21	87.44	60.35	27.09	3.228	
4,700.00	4,582.32	4,705.01	4,568.81	14.54	14.86	55.85	-755.11	717.60	89.12	61.38	27.74	3.213	
4,800.00	4,679.37	4,794.98	4,665.64	14.89	15.18	55.93	-772.98	734.99	90.80	62.43	28.37	3.201	
4,900.00	4,776.43	4,905.04	4,762.47	15.24	15.57	56.01	-790.84	752.39	92.48	63.41	29.07	3.182	
5,000.00	4,873.48	5,005.05	4,859.30	15.59	15.93	56.09	-808.71	769.78	94.16	64.42	29.74	3.166	
5,100.00	4,970.54	5,105.06	4,956.12	15.94	16.30	56.17	-826.58	787.17	95.84	65.42	30.41	3.151	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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 25C-1-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
5,200.00	5,067.59	5,205.08	5,052.95	16.30	16.66	56.24	-844.44	804.56	97.52	66.42	31.09	3.136		
5,300.00	5,164.65	5,305.09	5,149.78	16.66	17.03	56.32	-862.31	821.95	99.20	67.42	31.78	3.121		
5,400.00	5,261.70	5,405.11	5,246.60	17.02	17.40	56.38	-880.17	839.35	100.88	68.41	32.47	3.107		
5,500.00	5,358.76	5,494.88	5,343.43	17.39	17.73	56.45	-898.04	856.74	102.56	69.43	33.13	3.096		
5,600.00	5,455.81	5,605.14	5,440.26	17.75	18.15	56.52	-915.90	874.13	104.24	70.38	33.86	3.079		
5,700.00	5,552.87	5,694.85	5,537.09	18.12	18.48	56.58	-933.77	891.52	105.92	71.40	34.53	3.068		
5,800.00	5,649.92	5,805.16	5,633.91	18.49	18.90	56.64	-951.64	908.91	107.60	72.34	35.26	3.051		
5,900.00	5,746.98	5,905.18	5,730.74	18.86	19.28	56.70	-969.50	926.30	109.28	73.31	35.97	3.038		
6,000.00	5,844.03	5,994.81	5,827.57	19.24	19.62	56.75	-987.37	943.70	110.96	74.32	36.64	3.028		
6,100.00	5,941.09	6,105.21	5,924.39	19.61	20.04	56.81	-1,005.23	961.09	112.65	75.25	37.39	3.012		
6,200.00	6,038.14	6,194.78	6,021.22	19.98	20.38	56.86	-1,023.10	978.48	114.33	76.26	38.07	3.003		
6,300.00	6,135.20	6,305.23	6,118.05	20.36	20.81	56.92	-1,040.96	995.87	116.01	77.18	38.83	2.988		
6,400.00	6,232.25	6,394.75	6,214.88	20.74	21.15	56.97	-1,058.83	1,013.26	117.69	78.18	39.51	2.979		
6,500.00	6,329.31	6,505.26	6,311.70	21.12	21.58	57.02	-1,076.70	1,030.66	119.37	79.10	40.27	2.964		
6,600.00	6,426.37	6,605.28	6,408.53	21.49	21.97	54.97	-1,094.56	1,048.05	121.04	80.06	40.98	2.953		
6,700.00	6,524.50	6,705.77	6,504.89	21.72	22.36	9.32	-1,112.34	1,065.36	121.33	80.33	41.00	2.959		
6,724.60	6,548.76	6,718.41	6,528.31	21.76	22.41	-5.77	-1,116.66	1,069.56	121.29	80.50	40.78	2.974		
6,800.00	6,622.76	6,791.15	6,598.76	21.88	22.69	-45.55	-1,129.66	1,082.21	122.51	82.65	39.86	3.074		
6,900.00	6,718.71	6,889.41	6,694.69	21.97	22.97	-78.54	-1,147.43	1,092.98	130.94	92.46	38.48	3.403		
7,000.00	6,810.00	6,993.49	6,796.76	22.01	23.15	-98.66	-1,166.54	1,087.95	146.44	108.70	37.73	3.881		
7,100.00	6,894.37	7,104.21	6,902.87	22.00	23.28	-112.20	-1,186.60	1,064.12	166.31	129.21	37.10	4.483		
7,200.00	6,969.76	7,222.45	7,009.81	21.96	23.33	-121.63	-1,207.08	1,018.48	187.83	151.78	36.06	5.209		
7,300.00	7,034.30	7,348.80	7,112.77	21.89	23.32	-128.21	-1,227.08	948.39	208.62	174.08	34.54	6.040		
7,400.00	7,086.41	7,483.32	7,205.10	21.80	23.25	-132.72	-1,245.40	852.64	226.64	193.73	32.91	6.887		
7,500.00	7,124.80	7,625.17	7,278.75	21.71	23.12	-135.59	-1,260.51	732.70	240.17	208.30	31.88	7.534		
7,600.00	7,148.53	7,772.36	7,325.62	21.62	22.96	-137.05	-1,270.84	593.91	247.92	215.75	32.17	7.706		
7,700.00	7,157.02	7,919.64	7,339.96	21.55	22.78	-137.25	-1,275.19	447.71	249.14	215.24	33.90	7.349		
7,771.47	7,157.12	8,008.89	7,339.31	21.55	22.72	-137.13	-1,275.89	376.25	248.60	214.28	34.32	7.244		
7,800.00	7,156.15	8,019.64	7,339.05	21.56	22.72	-137.21	-1,276.16	347.72	249.24	214.83	34.41	7.243		
7,900.00	7,155.19	8,119.64	7,338.13	21.72	22.76	-137.18	-1,277.13	247.73	249.41	214.31	35.10	7.105		
8,000.00	7,154.24	8,219.64	7,337.22	22.13	23.03	-137.15	-1,278.11	147.74	249.59	213.60	35.98	6.936		
8,100.00	7,153.28	8,319.64	7,336.30	22.77	23.60	-137.12	-1,279.08	47.75	249.76	212.73	37.04	6.744		
8,200.00	7,152.32	8,419.64	7,335.39	23.59	24.39	-137.09	-1,280.05	-52.24	249.94	211.69	38.25	6.535		
8,300.00	7,151.36	8,519.64	7,334.47	24.52	25.30	-137.06	-1,281.02	-152.23	250.11	210.51	39.60	6.316		
8,400.00	7,150.41	8,619.64	7,333.55	25.54	26.32	-137.03	-1,281.99	-252.22	250.29	209.20	41.08	6.092		
8,500.00	7,149.45	8,719.64	7,332.64	26.64	27.40	-137.01	-1,282.96	-352.21	250.46	207.78	42.68	5.868		
8,600.00	7,148.49	8,819.64	7,331.72	27.79	28.54	-136.98	-1,283.94	-452.20	250.64	206.25	44.39	5.647		
8,700.00	7,147.54	8,919.64	7,330.81	29.00	29.73	-136.95	-1,284.91	-552.20	250.81	204.63	46.18	5.431		
8,800.00	7,146.58	9,019.64	7,329.89	30.25	30.96	-136.92	-1,285.88	-652.19	250.99	202.93	48.06	5.222		
8,900.00	7,145.62	9,119.64	7,328.98	31.54	32.23	-136.89	-1,286.85	-752.18	251.16	201.15	50.01	5.022		
9,000.00	7,144.66	9,219.64	7,328.06	32.86	33.54	-136.86	-1,287.82	-852.17	251.34	199.31	52.03	4.831		
9,100.00	7,143.71	9,319.64	7,327.14	34.21	34.87	-136.83	-1,288.79	-952.16	251.51	197.41	54.10	4.649		
9,200.00	7,142.75	9,419.64	7,326.23	35.59	36.23	-136.80	-1,289.77	-1,052.15	251.69	195.46	56.23	4.476		
9,300.00	7,141.79	9,519.64	7,325.31	36.99	37.62	-136.78	-1,290.74	-1,152.14	251.86	193.47	58.40	4.313		
9,400.00	7,140.83	9,619.64	7,324.40	38.41	39.03	-136.75	-1,291.71	-1,252.13	252.04	191.43	60.61	4.158		
9,500.00	7,139.88	9,719.64	7,323.48	39.86	40.46	-136.72	-1,292.68	-1,352.12	252.22	189.36	62.86	4.012		
9,600.00	7,138.92	9,819.64	7,322.57	41.31	41.90	-136.69	-1,293.65	-1,452.11	252.39	187.25	65.14	3.875		
9,700.00	7,137.96	9,919.64	7,321.65	42.79	43.36	-136.66	-1,294.62	-1,552.10	252.57	185.11	67.45	3.744		
9,800.00	7,137.00	10,019.64	7,320.73	44.28	44.84	-136.63	-1,295.59	-1,652.10	252.74	182.95	69.79	3.621		
9,900.00	7,136.05	10,119.64	7,319.82	45.78	46.33	-136.60	-1,296.57	-1,752.09	252.92	180.76	72.16	3.505		
10,000.00	7,135.09	10,219.64	7,318.90	47.29	47.83	-136.58	-1,297.54	-1,852.08	253.10	178.55	74.55	3.395		
10,100.00	7,134.13	10,319.64	7,317.99	48.81	49.34	-136.55	-1,298.51	-1,952.07	253.27	176.32	76.96	3.291		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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 25C-1-M - Wellbore #1 - Design #1													Offset Site Error:	0.00 usft
Survey Program: 0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance								Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,200.00	7,133.17	10,419.64	7,317.07	50.34	50.86	-136.52	-1,299.48	-2,052.06	253.45	174.07	79.38	3.193		
10,300.00	7,132.22	10,519.64	7,316.16	51.88	52.39	-136.49	-1,300.45	-2,152.05	253.62	171.80	81.83	3.100		
10,400.00	7,131.26	10,619.64	7,315.24	53.43	53.93	-136.46	-1,301.42	-2,252.04	253.80	169.51	84.29	3.011		
10,500.00	7,130.30	10,719.64	7,314.32	54.98	55.47	-136.43	-1,302.40	-2,352.03	253.98	167.22	86.76	2.927		
10,600.00	7,129.34	10,819.64	7,313.41	56.55	57.03	-136.41	-1,303.37	-2,452.02	254.15	164.90	89.25	2.848		
10,700.00	7,128.39	10,919.64	7,312.49	58.11	58.59	-136.38	-1,304.34	-2,552.01	254.33	162.58	91.75	2.772		
10,800.00	7,127.43	11,019.64	7,311.58	59.69	60.15	-136.35	-1,305.31	-2,652.00	254.51	160.24	94.26	2.700		
10,900.00	7,126.47	11,119.64	7,310.66	61.26	61.72	-136.32	-1,306.28	-2,751.99	254.68	157.90	96.79	2.631		
11,000.00	7,125.51	11,219.63	7,309.75	62.85	63.30	-136.29	-1,307.25	-2,851.99	254.86	155.54	99.32	2.566		
11,100.00	7,124.56	11,319.63	7,308.83	64.44	64.88	-136.27	-1,308.23	-2,951.98	255.04	153.17	101.86	2.504		
11,200.00	7,123.60	11,419.63	7,307.92	66.03	66.46	-136.24	-1,309.20	-3,051.97	255.21	150.80	104.42	2.444		
11,300.00	7,122.64	11,519.63	7,307.00	67.62	68.05	-136.21	-1,310.17	-3,151.96	255.39	148.41	106.98	2.387		
11,400.00	7,121.68	11,619.63	7,306.08	69.22	69.65	-136.18	-1,311.14	-3,251.95	255.57	146.02	109.54	2.333		
11,500.00	7,120.73	11,719.63	7,305.17	70.83	71.24	-136.16	-1,312.11	-3,351.94	255.74	143.62	112.12	2.281		
11,600.00	7,119.77	11,819.63	7,304.25	72.43	72.84	-136.13	-1,313.08	-3,451.93	255.92	141.22	114.70	2.231		
11,700.00	7,118.81	11,919.63	7,303.34	74.04	74.45	-136.10	-1,314.06	-3,551.92	256.10	138.80	117.29	2.183		
11,800.00	7,117.85	12,019.63	7,302.42	75.65	76.05	-136.07	-1,315.03	-3,651.91	256.27	136.39	119.89	2.138		
11,900.00	7,116.90	12,119.63	7,301.51	77.27	77.66	-136.04	-1,316.00	-3,751.90	256.45	133.96	122.49	2.094		
12,000.00	7,115.94	12,219.63	7,300.59	78.88	79.27	-136.02	-1,316.97	-3,851.89	256.63	131.53	125.10	2.051		
12,100.00	7,114.98	12,319.63	7,299.67	80.50	80.89	-135.99	-1,317.94	-3,951.88	256.81	129.09	127.71	2.011		
12,200.00	7,114.02	12,419.63	7,298.76	82.12	82.50	-135.96	-1,318.91	-4,051.88	256.98	126.65	130.33	1.972		
12,300.00	7,113.07	12,519.63	7,297.84	83.75	84.12	-135.93	-1,319.88	-4,151.87	257.16	124.21	132.95	1.934		
12,400.00	7,112.11	12,619.63	7,296.93	85.37	85.74	-135.91	-1,320.86	-4,251.86	257.34	121.76	135.58	1.898		
12,500.00	7,111.15	12,719.63	7,296.01	87.00	87.36	-135.88	-1,321.83	-4,351.85	257.52	119.30	138.21	1.863		
12,600.00	7,110.19	12,819.63	7,295.10	88.63	88.99	-135.85	-1,322.80	-4,451.84	257.69	116.84	140.85	1.830		
12,700.00	7,109.24	12,919.63	7,294.18	90.26	90.62	-135.83	-1,323.77	-4,551.83	257.87	114.38	143.49	1.797		
12,800.00	7,108.28	13,019.63	7,293.26	91.89	92.24	-135.80	-1,324.74	-4,651.82	258.05	111.91	146.14	1.766		
12,900.00	7,107.32	13,119.63	7,292.35	93.52	93.87	-135.77	-1,325.71	-4,751.81	258.23	109.44	148.79	1.736		
13,000.00	7,106.36	13,219.63	7,291.43	95.16	95.50	-135.74	-1,326.69	-4,851.80	258.40	106.96	151.44	1.706		
13,100.00	7,105.41	13,319.63	7,290.52	96.80	97.14	-135.72	-1,327.66	-4,951.79	258.58	104.48	154.10	1.678		
13,200.00	7,104.45	13,419.63	7,289.60	98.43	98.77	-135.69	-1,328.63	-5,051.78	258.76	102.00	156.76	1.651		
13,300.00	7,103.49	13,519.63	7,288.69	100.07	100.41	-135.66	-1,329.60	-5,151.77	258.94	99.51	159.42	1.624		
13,400.00	7,102.53	13,619.63	7,287.77	101.71	102.04	-135.64	-1,330.57	-5,251.77	259.12	97.03	162.09	1.599		
13,500.00	7,101.58	13,719.63	7,286.86	103.35	103.68	-135.61	-1,331.54	-5,351.76	259.29	94.53	164.76	1.574		
13,600.00	7,100.62	13,819.63	7,285.94	104.99	105.32	-135.58	-1,332.52	-5,451.75	259.47	92.04	167.43	1.550		
13,700.00	7,099.66	13,919.63	7,285.02	106.64	106.96	-135.55	-1,333.49	-5,551.74	259.65	89.54	170.11	1.526		
13,800.00	7,098.70	14,019.63	7,284.11	108.28	108.60	-135.53	-1,334.46	-5,651.73	259.83	87.04	172.79	1.504		
13,900.00	7,097.75	14,119.63	7,283.19	109.92	110.24	-135.50	-1,335.43	-5,751.72	260.01	84.53	175.47	1.482 Level 3		
14,000.00	7,096.79	14,219.63	7,282.28	111.57	111.88	-135.47	-1,336.40	-5,851.71	260.18	82.03	178.16	1.460 Level 3		
14,100.00	7,095.83	14,319.63	7,281.36	113.22	113.53	-135.45	-1,337.37	-5,951.70	260.36	79.52	180.85	1.440 Level 3		
14,200.00	7,094.87	14,419.63	7,280.45	114.86	115.17	-135.42	-1,338.35	-6,051.69	260.54	77.01	183.54	1.420 Level 3		
14,300.00	7,093.92	14,519.63	7,279.53	116.51	116.82	-135.39	-1,339.32	-6,151.68	260.72	74.49	186.23	1.400 Level 3		
14,400.00	7,092.96	14,619.63	7,278.61	118.16	118.46	-135.37	-1,340.29	-6,251.67	260.90	71.97	188.93	1.381 Level 3		
14,500.00	7,092.00	14,719.63	7,277.70	119.81	120.11	-135.34	-1,341.26	-6,351.67	261.08	69.45	191.62	1.362 Level 3		
14,600.00	7,091.04	14,819.63	7,276.78	121.46	121.76	-135.31	-1,342.23	-6,451.66	261.26	66.93	194.33	1.344 Level 3		
14,700.00	7,090.09	14,919.63	7,275.87	123.11	123.41	-135.29	-1,343.20	-6,551.65	261.43	64.41	197.03	1.327 Level 3		
14,800.00	7,089.13	15,019.63	7,274.95	124.76	125.05	-135.26	-1,344.18	-6,651.64	261.61	61.88	199.73	1.310 Level 3		
14,900.00	7,088.17	15,119.63	7,274.04	126.41	126.70	-135.23	-1,345.15	-6,751.63	261.79	59.35	202.44	1.293 Level 3		
15,000.00	7,087.21	15,219.63	7,273.12	128.07	128.35	-135.21	-1,346.12	-6,851.62	261.97	56.82	205.15	1.277 Level 3		
15,100.00	7,086.26	15,319.63	7,272.20	129.72	130.01	-135.18	-1,347.09	-6,951.61	262.15	54.29	207.86	1.261 Level 3		
15,200.00	7,085.30	15,419.63	7,271.29	131.37	131.66	-135.15	-1,348.06	-7,051.60	262.33	51.75	210.58	1.246 Level 2		
15,300.00	7,084.34	15,519.62	7,270.37	133.03	133.31	-135.13	-1,349.03	-7,151.59	262.51	49.21	213.30	1.231 Level 2		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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 25C-1-M - Wellbore #1 - Design #1											Offset Site Error:	0.00 usft
Survey Program:	0-SRC Energy_ISCWSA REV 2 MWD+IFR1, 1800-SRC Energy_ISCWSA REV 2 MWD+IFR1+MSA											Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	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
15,331.10	7,084.04	15,550.73	7,270.09	133.54	133.82	-135.12	-1,349.34	-7,182.69	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 25N-1B-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 25N-1B-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	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre	Between Centres	Between Ellipses	Minimum Separation	Separation Factor	Warning														
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	+N/-S (usft)	+E/-W (usft)	(usft)	(usft)	(usft)															
0.00	0.00	0.00	0.00	3.28	3.28	175.60	-39.71	3.06	39.83																	
100.00	100.00	100.00	100.00	3.28	3.28	175.60	-39.71	3.06	39.83	32.30	7.53	5.290														
200.00	200.00	200.00	200.00	3.31	3.31	175.60	-39.71	3.06	39.83	32.25	7.57	5.258	CC													
300.00	300.00	298.91	298.89	3.35	3.35	42.27	-40.95	4.24	40.71	33.06	7.65	5.319														
400.00	399.92	397.78	397.62	3.41	3.41	41.41	-44.65	7.76	41.94	34.18	7.76	5.403														
500.00	499.64	496.59	496.06	3.49	3.49	40.87	-50.82	13.64	43.30	35.39	7.91	5.473														
600.00	599.05	595.37	594.11	3.60	3.60	40.64	-59.44	21.84	44.78	36.67	8.10	5.525														
700.00	698.03	694.09	691.65	3.74	3.75	40.69	-70.49	32.37	46.37	38.02	8.35	5.555														
800.00	796.44	792.78	788.56	3.93	3.95	40.98	-83.96	45.20	48.08	39.43	8.65	5.560														
900.00	894.18	891.42	884.73	4.16	4.19	41.49	-99.84	60.32	49.90	40.89	9.01	5.536														
1,000.00	991.29	1,009.70	980.34	4.45	4.56	41.75	-118.10	77.71	52.30	42.80	9.50	5.503														
1,100.00	1,088.34	1,109.74	1,076.71	4.77	4.91	41.49	-137.29	95.99	55.36	45.33	10.03	5.520														
1,200.00	1,185.40	1,209.79	1,173.09	5.11	5.29	41.26	-156.49	114.27	58.42	47.83	10.60	5.514														
1,300.00	1,282.45	1,309.84	1,269.46	5.48	5.70	41.05	-175.69	132.55	61.49	50.29	11.20	5.492														
1,400.00	1,379.51	1,390.12	1,365.83	5.87	6.04	40.86	-194.89	150.83	64.55	52.79	11.76	5.490														
1,500.00	1,476.56	1,509.93	1,462.21	6.27	6.56	40.69	-214.08	169.11	67.61	55.14	12.47	5.420														
1,600.00	1,573.62	1,609.98	1,558.58	6.68	7.01	40.53	-233.28	187.39	70.68	57.53	13.15	5.376														
1,700.00	1,670.67	1,689.97	1,654.95	7.10	7.38	40.38	-252.48	205.68	73.74	59.98	13.76	5.358														
1,800.00	1,767.73	1,789.93	1,751.33	7.53	7.85	40.25	-271.68	223.96	76.81	62.35	14.46	5.311														
1,900.00	1,864.78	1,889.88	1,847.70	7.77	8.13	40.13	-290.87	242.24	79.87	65.40	14.47	5.520														
2,000.00	1,961.84	1,989.83	1,944.07	7.83	8.22	40.02	-310.07	260.52	82.94	68.38	14.56	5.698														
2,100.00	2,058.89	2,089.79	2,040.45	7.91	8.30	39.91	-329.27	278.80	86.01	71.35	14.66	5.866														
2,200.00	2,155.95	2,189.74	2,136.82	8.01	8.41	39.81	-348.47	297.08	89.07	74.27	14.80	6.017														
2,300.00	2,253.00	2,289.69	2,233.19	8.13	8.53	39.72	-367.66	315.36	92.14	77.15	14.98	6.149														
2,400.00	2,350.06	2,389.64	2,329.57	8.26	8.68	39.63	-386.86	333.65	95.21	80.01	15.20	6.263														
2,500.00	2,447.11	2,489.60	2,425.94	8.42	8.85	39.55	-406.06	351.93	98.27	82.82	15.45	6.361														
2,600.00	2,544.17	2,589.55	2,522.31	8.59	9.03	39.48	-425.26	370.21	101.34	85.61	15.73	6.442														
2,700.00	2,641.22	2,689.50	2,618.69	8.77	9.23	39.41	-444.45	388.49	104.41	88.37	16.04	6.508														
2,800.00	2,738.28	2,789.46	2,715.06	8.98	9.44	39.34	-463.65	406.77	107.48	91.09	16.38	6.560														
2,900.00	2,835.33	2,889.41	2,811.43	9.19	9.67	39.28	-482.85	425.05	110.54	93.79	16.75	6.599														
3,000.00	2,932.39	2,989.36	2,907.81	9.42	9.91	39.22	-502.04	443.33	113.61	96.47	17.14	6.627														
3,100.00	3,029.44	3,089.31	3,004.18	9.66	10.17	39.16	-521.24	461.62	116.68	99.12	17.56	6.645														
3,200.00	3,126.50	3,189.27	3,100.55	9.91	10.43	39.10	-540.44	479.90	119.75	101.75	18.00	6.654														
3,300.00	3,223.55	3,289.22	3,196.93	10.17	10.71	39.05	-559.64	498.18	122.82	104.37	18.45	6.656														
3,400.00	3,320.61	3,389.17	3,293.30	10.44	11.00	39.00	-578.83	516.46	125.89	106.96	18.93	6.651														
3,500.00	3,417.66	3,489.13	3,389.67	10.72	11.29	38.96	-598.03	534.74	128.95	109.54	19.42	6.640														
3,600.00	3,514.71	3,589.08	3,486.05	11.00	11.60	38.91	-617.23	553.02	132.02	112.10	19.93	6.625														
3,700.00	3,611.77	3,689.03	3,582.42	11.30	11.91	38.87	-636.43	571.30	135.09	114.64	20.45	6.606														
3,800.00	3,708.82	3,788.98	3,678.79	11.60	12.23	38.83	-655.62	589.59	138.16	117.18	20.98	6.584														
3,900.00	3,805.88	3,888.94	3,775.17	11.90	12.56	38.79	-674.82	607.87	141.23	119.70	21.53	6.559														
4,000.00	3,902.93	3,988.89	3,871.54	12.22	12.89	38.76	-694.02	626.15	144.30	122.21	22.09	6.532														
4,100.00	3,999.99	4,088.84	3,967.91	12.54	13.23	38.72	-713.22	644.43	147.37	124.71	22.66	6.503														
4,200.00	4,097.04	4,188.80	4,064.29	12.86	13.57	38.69	-732.41	662.71	150.44	127.20	23.24	6.473														
4,300.00	4,194.10	4,288.75	4,160.66	13.19	13.92	38.65	-751.61	680.99	153.51	129.68	23.83	6.442														
4,400.00	4,291.15	4,388.70	4,257.03	13.52	14.27	38.62	-770.81	699.27	156.57	132.15	24.43	6.410														
4,500.00	4,388.21	4,488.65	4,353.41	13.86	14.63	38.59	-790.01	717.56	159.64	134.61	25.03	6.378														
4,600.00	4,485.26	4,588.61	4,449.78	14.20	14.99	38.56	-809.20	735.84	162.71	137.07	25.64	6.346														
4,700.00	4,582.32	4,688.56	4,546.15	14.54	15.35	38.54	-828.40	754.12	165.78	139.52	26.26	6.313														
4,800.00	4,679.37	4,788.51	4,642.53	14.89	15.72	38.51	-847.60	772.40	168.85	141.97	26.88	6.281														
4,900.00	4,776.43	4,888.47	4,738.90	15.24	16.09	38.48	-866.80	790.68	171.92	144.41	27.51	6.248														
5,000.00	4,873.48	4,988.42	4,835.27	15.59	16.46	38.46	-885.99	808.96	174.99	146.84	28.15	6.216														
5,100.00	4,970.54	5,088.37	4,931.65	15.94	16.84	38.43	-905.19	827.24	178.06	149.27	28.79	6.185														

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	5,067.59	5,188.32	5,028.02	16.30	17.22	38.41	-924.39	845.53	181.13	151.69	29.43	6.154		
5,300.00	5,164.65	5,288.28	5,124.39	16.66	17.60	38.39	-943.58	863.81	184.20	154.12	30.08	6.123		
5,400.00	5,261.70	5,388.23	5,220.77	17.02	17.98	38.37	-962.78	882.09	187.27	156.53	30.74	6.093		
5,500.00	5,358.76	5,488.18	5,317.14	17.39	18.37	38.34	-981.98	900.37	190.34	158.94	31.39	6.063		
5,600.00	5,455.81	5,588.14	5,413.51	17.75	18.76	38.32	-1,001.18	918.65	193.41	161.35	32.05	6.034		
5,700.00	5,552.87	5,688.09	5,509.89	18.12	19.15	38.30	-1,020.37	936.93	196.48	163.76	32.72	6.005		
5,800.00	5,649.92	5,788.04	5,606.26	18.49	19.54	38.28	-1,039.57	955.21	199.55	166.16	33.39	5.977		
5,900.00	5,746.98	5,887.99	5,702.63	18.86	19.93	38.27	-1,058.77	973.50	202.62	168.56	34.06	5.950		
6,000.00	5,844.03	5,987.95	5,799.01	19.24	20.32	38.25	-1,077.97	991.78	205.69	170.96	34.73	5.923		
6,100.00	5,941.09	6,087.90	5,895.38	19.61	20.72	38.23	-1,097.16	1,010.06	208.76	173.35	35.40	5.896		
6,200.00	6,038.14	6,187.85	5,991.75	19.98	21.12	38.21	-1,116.36	1,028.34	211.83	175.74	36.08	5.871		
6,300.00	6,135.20	6,287.81	6,088.13	20.36	21.52	38.20	-1,135.56	1,046.62	214.89	178.13	36.76	5.846		
6,400.00	6,232.25	6,387.76	6,184.50	20.74	21.91	38.18	-1,154.76	1,064.90	217.96	180.52	37.44	5.821		
6,500.00	6,329.31	6,487.71	6,280.87	21.12	22.32	38.16	-1,173.95	1,083.18	221.03	182.91	38.13	5.797		
6,600.00	6,426.37	6,590.57	6,380.56	21.49	22.65	36.97	-1,193.85	1,098.48	223.68	184.78	38.90	5.750		
6,700.00	6,524.50	6,693.66	6,481.50	21.72	22.86	-1.91	-1,214.18	1,098.21	225.87	186.17	39.70	5.689		
6,800.00	6,622.76	6,795.17	6,579.56	21.88	22.99	-43.18	-1,234.11	1,081.71	228.47	188.13	40.34	5.664		
6,900.00	6,718.71	6,895.16	6,672.38	21.97	23.07	-59.90	-1,253.17	1,050.14	231.43	190.63	40.80	5.673		
7,000.00	6,810.00	6,993.68	6,757.97	22.01	23.09	-65.90	-1,270.92	1,004.91	234.66	193.57	41.08	5.712		
7,100.00	6,894.37	7,090.83	6,834.66	22.00	23.07	-68.00	-1,287.01	947.63	238.03	196.82	41.22	5.775		
7,200.00	6,969.76	7,186.75	6,901.11	21.96	23.02	-68.47	-1,301.16	880.05	241.41	200.16	41.25	5.852		
7,300.00	7,034.30	7,281.55	6,956.25	21.89	22.95	-68.20	-1,313.13	803.98	244.65	203.38	41.26	5.929		
7,400.00	7,086.41	7,375.39	6,999.32	21.80	22.85	-67.60	-1,322.75	721.26	247.58	206.24	41.34	5.989		
7,500.00	7,124.80	7,468.42	7,029.79	21.71	22.74	-66.88	-1,329.88	633.75	250.06	208.50	41.56	6.017		
7,600.00	7,148.53	7,560.78	7,047.35	21.62	22.63	-66.15	-1,334.45	543.26	251.98	209.98	41.99	6.000		
7,700.00	7,157.02	7,653.12	7,051.93	21.55	22.52	-65.48	-1,336.42	451.14	253.22	210.55	42.67	5.934		
7,800.00	7,156.15	7,753.12	7,050.63	21.56	22.45	-65.40	-1,337.30	351.15	253.49	209.77	43.72	5.798		
7,900.00	7,155.19	7,853.12	7,049.33	21.72	22.48	-65.34	-1,338.18	251.16	253.74	208.79	44.96	5.644		
8,000.00	7,154.24	7,953.12	7,048.03	22.13	22.74	-65.28	-1,339.06	151.17	254.00	207.62	46.37	5.477		
8,100.00	7,153.28	8,053.12	7,046.73	22.77	23.31	-65.22	-1,339.94	51.19	254.25	206.29	47.95	5.302		
8,200.00	7,152.32	8,153.12	7,045.43	23.59	24.12	-65.16	-1,340.82	-48.80	254.50	204.82	49.68	5.123		
8,300.00	7,151.36	8,253.12	7,044.13	24.52	25.05	-65.10	-1,341.70	-148.79	254.75	203.21	51.54	4.943		
8,400.00	7,150.41	8,353.12	7,042.83	25.54	26.08	-65.04	-1,342.58	-248.77	255.00	201.49	53.51	4.765		
8,500.00	7,149.45	8,453.12	7,041.53	26.64	27.18	-64.99	-1,343.46	-348.76	255.26	199.66	55.60	4.591		
8,600.00	7,148.49	8,553.12	7,040.23	27.79	28.34	-64.93	-1,344.33	-448.75	255.51	197.74	57.77	4.423		
8,700.00	7,147.54	8,653.12	7,038.93	29.00	29.55	-64.87	-1,345.21	-548.73	255.76	195.73	60.03	4.261		
8,800.00	7,146.58	8,753.12	7,037.63	30.25	30.80	-64.81	-1,346.09	-648.72	256.01	193.66	62.36	4.106		
8,900.00	7,145.62	8,853.12	7,036.33	31.54	32.08	-64.75	-1,346.97	-748.71	256.27	191.51	64.75	3.958		
9,000.00	7,144.66	8,953.12	7,035.03	32.86	33.40	-64.70	-1,347.85	-848.70	256.52	189.32	67.21	3.817		
9,100.00	7,143.71	9,053.11	7,033.73	34.21	34.75	-64.64	-1,348.73	-948.68	256.78	187.07	69.71	3.683		
9,200.00	7,142.75	9,153.11	7,032.43	35.59	36.12	-64.58	-1,349.61	-1,048.67	257.03	184.77	72.26	3.557		
9,300.00	7,141.79	9,253.11	7,031.13	36.99	37.52	-64.52	-1,350.49	-1,148.66	257.29	182.44	74.85	3.437		
9,400.00	7,140.83	9,353.11	7,029.83	38.41	38.94	-64.47	-1,351.37	-1,248.64	257.54	180.06	77.48	3.324		
9,500.00	7,139.88	9,453.11	7,028.53	39.86	40.38	-64.41	-1,352.24	-1,348.63	257.80	177.66	80.13	3.217		
9,600.00	7,138.92	9,553.11	7,027.23	41.31	41.83	-64.35	-1,353.12	-1,448.62	258.05	175.23	82.82	3.116		
9,700.00	7,137.96	9,653.11	7,025.93	42.79	43.30	-64.29	-1,354.00	-1,548.60	258.31	172.77	85.54	3.020		
9,800.00	7,137.00	9,753.11	7,024.64	44.28	44.79	-64.24	-1,354.88	-1,648.59	258.56	170.29	88.27	2.929		
9,900.00	7,136.05	9,853.11	7,023.34	45.78	46.28	-64.18	-1,355.76	-1,748.58	258.82	167.79	91.03	2.843		
10,000.00	7,135.09	9,953.11	7,022.04	47.29	47.79	-64.12	-1,356.64	-1,848.57	259.07	165.27	93.81	2.762		
10,100.00	7,134.13	10,053.11	7,020.74	48.81	49.31	-64.07	-1,357.52	-1,948.55	259.33	162.73	96.60	2.685		
10,200.00	7,133.17	10,153.11	7,019.44	50.34	50.83	-64.01	-1,358.40	-2,048.54	259.59	160.18	99.41	2.611		
10,300.00	7,132.22	10,253.11	7,018.14	51.88	52.37	-63.96	-1,359.27	-2,148.53	259.85	157.61	102.24	2.542		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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
10,400.00	7,131.26	10,353.11	7,016.84	53.43	53.91	-63.90	-1,360.15	-2,248.51	260.10	155.03	105.07	2.475	
10,500.00	7,130.30	10,453.11	7,015.54	54.98	55.46	-63.84	-1,361.03	-2,348.50	260.36	152.44	107.92	2.413	
10,600.00	7,129.34	10,553.10	7,014.24	56.55	57.02	-63.79	-1,361.91	-2,448.49	260.62	149.84	110.78	2.353	
10,700.00	7,128.39	10,653.10	7,012.94	58.11	58.58	-63.73	-1,362.79	-2,548.48	260.88	147.23	113.65	2.296	
10,800.00	7,127.43	10,753.10	7,011.64	59.69	60.15	-63.68	-1,363.67	-2,648.46	261.14	144.61	116.52	2.241	
10,900.00	7,126.47	10,853.10	7,010.34	61.26	61.73	-63.62	-1,364.55	-2,748.45	261.39	141.99	119.41	2.189	
11,000.00	7,125.51	10,953.10	7,009.04	62.85	63.31	-63.56	-1,365.43	-2,848.44	261.65	139.35	122.30	2.139	
11,100.00	7,124.56	11,053.10	7,007.74	64.44	64.89	-63.51	-1,366.31	-2,948.42	261.91	136.71	125.20	2.092	
11,200.00	7,123.60	11,153.10	7,006.44	66.03	66.48	-63.45	-1,367.18	-3,048.41	262.17	134.07	128.10	2.047	
11,300.00	7,122.64	11,253.10	7,005.14	67.62	68.07	-63.40	-1,368.06	-3,148.40	262.43	131.42	131.01	2.003	
11,400.00	7,121.68	11,353.10	7,003.84	69.22	69.67	-63.34	-1,368.94	-3,248.38	262.69	128.77	133.93	1.961	
11,500.00	7,120.73	11,453.10	7,002.54	70.83	71.27	-63.29	-1,369.82	-3,348.37	262.95	126.11	136.84	1.922	
11,600.00	7,119.77	11,553.10	7,001.24	72.43	72.87	-63.23	-1,370.70	-3,448.36	263.21	123.44	139.77	1.883	
11,700.00	7,118.81	11,653.10	6,999.94	74.04	74.48	-63.18	-1,371.58	-3,548.35	263.47	120.78	142.69	1.846	
11,800.00	7,117.85	11,753.10	6,998.64	75.65	76.09	-63.12	-1,372.46	-3,648.33	263.73	118.11	145.62	1.811	
11,900.00	7,116.90	11,853.10	6,997.34	77.27	77.70	-63.07	-1,373.34	-3,748.32	263.99	115.44	148.56	1.777	
12,000.00	7,115.94	11,953.10	6,996.04	78.88	79.31	-63.02	-1,374.22	-3,848.31	264.25	112.76	151.49	1.744	
12,100.00	7,114.98	12,053.09	6,994.75	80.50	80.93	-62.96	-1,375.09	-3,948.29	264.52	110.09	154.43	1.713	
12,200.00	7,114.02	12,153.09	6,993.45	82.12	82.55	-62.91	-1,375.97	-4,048.28	264.78	107.41	157.37	1.683	
12,300.00	7,113.07	12,253.09	6,992.15	83.75	84.17	-62.85	-1,376.85	-4,148.27	265.04	104.73	160.31	1.653	
12,400.00	7,112.11	12,353.09	6,990.85	85.37	85.79	-62.80	-1,377.73	-4,248.25	265.30	102.05	163.25	1.625	
12,500.00	7,111.15	12,453.09	6,989.55	87.00	87.42	-62.74	-1,378.61	-4,348.24	265.57	99.37	166.20	1.598	
12,600.00	7,110.19	12,553.09	6,988.25	88.63	89.04	-62.69	-1,379.49	-4,448.23	265.83	96.68	169.14	1.572	
12,700.00	7,109.24	12,653.09	6,986.95	90.26	90.67	-62.64	-1,380.37	-4,548.22	266.09	94.00	172.09	1.546	
12,800.00	7,108.28	12,753.09	6,985.65	91.89	92.30	-62.58	-1,381.25	-4,648.20	266.35	91.31	175.04	1.522	
12,900.00	7,107.32	12,853.09	6,984.35	93.52	93.93	-62.53	-1,382.13	-4,748.19	266.62	88.63	177.98	1.498 Level 3	
13,000.00	7,106.36	12,953.09	6,983.05	95.16	95.56	-62.48	-1,383.00	-4,848.18	266.88	85.94	180.94	1.475 Level 3	
13,100.00	7,105.41	13,053.09	6,981.75	96.80	97.20	-62.42	-1,383.88	-4,948.16	267.14	83.25	183.89	1.453 Level 3	
13,200.00	7,104.45	13,153.09	6,980.45	98.43	98.83	-62.37	-1,384.76	-5,048.15	267.41	80.57	186.84	1.431 Level 3	
13,300.00	7,103.49	13,253.09	6,979.15	100.07	100.47	-62.32	-1,385.64	-5,148.14	267.67	77.88	189.79	1.410 Level 3	
13,400.00	7,102.53	13,353.09	6,977.85	101.71	102.11	-62.26	-1,386.52	-5,248.13	267.94	75.19	192.74	1.390 Level 3	
13,500.00	7,101.58	13,453.09	6,976.55	103.35	103.75	-62.21	-1,387.40	-5,348.11	268.20	72.51	195.70	1.371 Level 3	
13,600.00	7,100.62	13,553.08	6,975.25	104.99	105.39	-62.16	-1,388.28	-5,448.10	268.47	69.82	198.65	1.351 Level 3	
13,700.00	7,099.66	13,653.08	6,973.95	106.64	107.03	-62.11	-1,389.16	-5,548.09	268.73	67.14	201.60	1.333 Level 3	
13,800.00	7,098.70	13,753.08	6,972.65	108.28	108.67	-62.05	-1,390.04	-5,648.07	269.00	64.45	204.55	1.315 Level 3	
13,900.00	7,097.75	13,853.08	6,971.35	109.92	110.31	-62.00	-1,390.91	-5,748.06	269.26	61.76	207.50	1.298 Level 3	
14,000.00	7,096.79	13,953.08	6,970.05	111.57	111.96	-61.95	-1,391.79	-5,848.05	269.53	59.08	210.45	1.281 Level 3	
14,100.00	7,095.83	14,053.08	6,968.75	113.22	113.60	-61.90	-1,392.67	-5,948.03	269.80	56.39	213.40	1.264 Level 3	
14,200.00	7,094.87	14,153.08	6,967.45	114.86	115.25	-61.84	-1,393.55	-6,048.02	270.06	53.71	216.35	1.248 Level 2	
14,300.00	7,093.92	14,253.08	6,966.15	116.51	116.89	-61.79	-1,394.43	-6,148.01	270.33	51.03	219.30	1.233 Level 2	
14,400.00	7,092.96	14,353.08	6,964.85	118.16	118.54	-61.74	-1,395.31	-6,248.00	270.60	48.35	222.25	1.218 Level 2	
14,500.00	7,092.00	14,453.08	6,963.56	119.81	120.19	-61.69	-1,396.19	-6,347.98	270.86	45.67	225.20	1.203 Level 2	
14,600.00	7,091.04	14,553.08	6,962.26	121.46	121.84	-61.64	-1,397.07	-6,447.97	271.13	42.98	228.15	1.188 Level 2	
14,700.00	7,090.09	14,653.08	6,960.96	123.11	123.49	-61.59	-1,397.95	-6,547.96	271.40	40.31	231.09	1.174 Level 2	
14,800.00	7,089.13	14,753.08	6,959.66	124.76	125.14	-61.53	-1,398.82	-6,647.94	271.67	37.63	234.04	1.161 Level 2	
14,900.00	7,088.17	14,853.08	6,958.36	126.41	126.79	-61.48	-1,399.70	-6,747.93	271.93	34.95	236.98	1.147 Level 2	
15,000.00	7,087.21	14,953.08	6,957.06	128.07	128.44	-61.43	-1,400.58	-6,847.92	272.20	32.27	239.93	1.135 Level 2	
15,100.00	7,086.26	15,053.08	6,955.76	129.72	130.09	-61.38	-1,401.46	-6,947.90	272.47	29.60	242.87	1.122 Level 2	
15,200.00	7,085.30	15,153.07	6,954.46	131.37	131.74	-61.33	-1,402.34	-7,047.89	272.74	26.92	245.81	1.110 Level 2	
15,300.00	7,084.34	15,253.07	6,953.16	133.03	133.40	-61.28	-1,403.22	-7,147.88	273.01	24.25	248.75	1.097 Level 2	
15,331.10	7,084.04	15,284.18	6,952.75	133.54	133.91	-61.26	-1,403.49	-7,178.98	273.09	23.42	249.67	1.094 Level 2, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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
0.00	0.00	2.00	-2.00	3.28	3.28	-4.60	179.60	-14.46	180.18				
100.00	100.00	102.00	98.00	3.28	3.28	-4.60	179.60	-14.46	180.18	172.66	7.53	23.932	
200.00	200.00	202.00	198.00	3.31	3.31	-4.60	179.60	-14.46	180.18	172.61	7.57	23.788	CC, ES
200.03	200.03	201.97	198.03	3.31	3.31	-4.60	179.60	-14.46	180.18	172.61	7.57	23.788	
300.00	300.00	297.14	297.14	3.35	3.35	-137.01	179.74	-14.10	180.76	173.10	7.66	23.602	
400.00	399.92	395.26	395.20	3.41	3.41	-136.78	180.94	-11.03	184.53	176.75	7.78	23.723	
500.00	499.64	493.09	492.79	3.49	3.50	-136.25	183.36	-4.86	191.85	183.90	7.95	24.143	
600.00	599.05	590.44	589.63	3.60	3.61	-135.48	186.96	4.36	202.70	194.54	8.16	24.827	
700.00	698.03	687.12	685.43	3.74	3.74	-134.53	191.72	16.54	217.09	208.65	8.44	25.727	
800.00	796.44	784.57	781.59	3.93	3.91	-133.60	197.48	31.28	234.80	226.02	8.77	26.760	
900.00	894.18	882.51	878.18	4.16	4.10	-133.26	203.36	46.32	254.96	245.79	9.17	27.800	
1,000.00	991.29	980.04	974.37	4.45	4.32	-133.53	209.22	61.30	277.01	267.39	9.62	28.790	
1,100.00	1,088.34	1,077.52	1,070.52	4.77	4.55	-133.89	215.07	76.27	299.23	289.13	10.11	29.604	
1,200.00	1,185.40	1,175.00	1,166.67	5.11	4.80	-134.21	220.92	91.24	321.47	310.84	10.63	30.241	
1,300.00	1,282.45	1,272.49	1,262.82	5.48	5.07	-134.48	226.77	106.21	343.71	332.52	11.18	30.734	
1,400.00	1,379.51	1,369.97	1,358.97	5.87	5.34	-134.72	232.62	121.18	365.95	354.19	11.76	31.114	
1,500.00	1,476.56	1,467.45	1,455.12	6.27	5.63	-134.94	238.47	136.15	388.20	375.84	12.36	31.402	
1,600.00	1,573.62	1,564.94	1,551.27	6.68	5.92	-135.13	244.32	151.12	410.46	397.48	12.98	31.619	
1,700.00	1,670.67	1,662.42	1,647.42	7.10	6.23	-135.30	250.18	166.09	432.72	419.10	13.62	31.779	
1,800.00	1,767.73	1,759.90	1,743.57	7.53	6.53	-135.45	256.03	181.06	454.98	440.72	14.26	31.896	
1,900.00	1,864.78	1,857.39	1,839.72	7.77	6.76	-135.59	261.88	196.03	477.25	462.94	14.31	33.356	
2,000.00	1,961.84	1,954.87	1,935.86	7.83	6.86	-135.72	267.73	211.00	499.51	485.08	14.44	34.595	
2,100.00	2,058.89	2,052.35	2,032.01	7.91	6.90	-135.84	273.58	225.97	521.79	507.25	14.54	35.888	
2,200.00	2,155.95	2,149.84	2,128.16	8.01	6.96	-135.94	279.43	240.93	544.06	529.39	14.67	37.082	
2,300.00	2,253.00	2,247.32	2,224.31	8.13	7.03	-136.04	285.28	255.90	566.33	551.50	14.84	38.172	
2,400.00	2,350.06	2,344.80	2,320.46	8.26	7.12	-136.13	291.14	270.87	588.61	573.58	15.03	39.158	
2,500.00	2,447.11	2,442.29	2,416.61	8.42	7.22	-136.22	296.99	285.84	610.88	595.63	15.26	40.041	
2,600.00	2,544.17	2,539.77	2,512.76	8.59	7.34	-136.30	302.84	300.81	633.16	617.65	15.51	40.825	
2,700.00	2,641.22	2,637.25	2,608.91	8.77	7.46	-136.37	308.69	315.78	655.44	639.65	15.79	41.513	
2,800.00	2,738.28	2,734.74	2,705.06	8.98	7.60	-136.44	314.54	330.75	677.72	661.63	16.09	42.112	
2,900.00	2,835.33	2,832.22	2,801.21	9.19	7.75	-136.50	320.39	345.72	700.00	683.58	16.42	42.626	
3,000.00	2,932.39	2,929.70	2,897.36	9.42	7.91	-136.56	326.24	360.69	722.28	705.51	16.77	43.063	
3,100.00	3,029.44	3,027.19	2,993.51	9.66	8.08	-136.62	332.10	375.66	744.57	727.42	17.14	43.429	
3,200.00	3,126.50	3,124.67	3,089.66	9.91	8.26	-136.67	337.95	390.63	766.85	749.31	17.54	43.731	
3,300.00	3,223.55	3,222.15	3,185.80	10.17	8.44	-136.72	343.80	405.60	789.13	771.19	17.95	43.975	
3,400.00	3,320.61	3,319.64	3,281.95	10.44	8.64	-136.77	349.65	420.57	811.42	793.04	18.37	44.167	
3,500.00	3,417.66	3,417.12	3,378.10	10.72	8.84	-136.81	355.50	435.54	833.70	814.89	18.81	44.314	
3,600.00	3,514.71	3,514.60	3,474.25	11.00	9.05	-136.86	361.35	450.51	855.99	836.72	19.27	44.420	
3,700.00	3,611.77	3,612.09	3,570.40	11.30	9.26	-136.90	367.20	465.48	878.27	858.53	19.74	44.491	
3,800.00	3,708.82	3,709.57	3,666.55	11.60	9.49	-136.94	373.06	480.45	900.56	880.33	20.22	44.530	
3,900.00	3,805.88	3,807.05	3,762.70	11.90	9.71	-136.97	378.91	495.42	922.84	902.13	20.72	44.543	
4,000.00	3,902.93	3,904.54	3,858.85	12.22	9.95	-137.01	384.76	510.39	945.13	923.91	21.22	44.532	
4,100.00	3,999.99	4,002.02	3,955.00	12.54	10.19	-137.04	390.61	525.36	967.42	945.68	21.74	44.501	
4,200.00	4,097.04	4,099.50	4,051.15	12.86	10.43	-137.07	396.46	540.33	989.70	967.44	22.26	44.452	
4,300.00	4,194.10	4,196.99	4,147.30	13.19	10.68	-137.10	402.31	555.30	1,011.99	989.19	22.80	44.389	
4,400.00	4,291.15	4,305.53	4,243.45	13.52	10.96	-137.13	408.17	570.27	1,034.28	1,010.91	23.37	44.258	
4,500.00	4,388.21	4,408.05	4,339.60	13.86	11.22	-137.16	414.02	585.24	1,056.57	1,032.63	23.93	44.148	
4,600.00	4,485.26	4,489.44	4,435.74	14.20	11.44	-137.19	419.87	600.21	1,078.86	1,054.41	24.45	44.131	
4,700.00	4,582.32	4,586.92	4,531.89	14.54	11.70	-137.21	425.72	615.18	1,101.14	1,076.13	25.01	44.029	
4,800.00	4,679.37	4,684.40	4,628.04	14.89	11.97	-137.24	431.57	630.14	1,123.43	1,097.85	25.58	43.920	
4,900.00	4,776.43	4,781.89	4,724.19	15.24	12.23	-137.26	437.42	645.11	1,145.72	1,119.57	26.15	43.807	
5,000.00	4,873.48	4,879.37	4,820.34	15.59	12.50	-137.28	443.27	660.08	1,168.01	1,141.28	26.73	43.690	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
5,100.00	4,970.54	4,976.85	4,916.49	15.94	12.78	-137.30	449.13	675.05	1,190.30	1,162.98	27.32	43.570		
5,200.00	5,067.59	5,074.34	5,012.64	16.30	13.05	-137.32	454.98	690.02	1,212.59	1,184.68	27.91	43.447		
5,300.00	5,164.65	5,171.82	5,108.79	16.66	13.33	-137.35	460.83	704.99	1,234.88	1,206.37	28.50	43.323		
5,400.00	5,261.70	5,269.30	5,204.94	17.02	13.61	-137.36	466.68	719.96	1,257.17	1,228.07	29.10	43.198		
5,500.00	5,358.76	5,366.79	5,301.09	17.39	13.89	-137.38	472.53	734.93	1,279.46	1,249.75	29.70	43.072		
5,600.00	5,455.81	5,464.27	5,397.24	17.75	14.17	-137.40	478.38	749.90	1,301.75	1,271.44	30.31	42.946		
5,700.00	5,552.87	5,561.75	5,493.39	18.12	14.45	-137.42	484.23	764.87	1,324.04	1,293.12	30.92	42.821		
5,800.00	5,649.92	5,659.24	5,589.54	18.49	14.74	-137.44	490.09	779.84	1,346.33	1,314.79	31.53	42.695		
5,900.00	5,746.98	5,756.72	5,685.68	18.86	15.03	-137.45	495.94	794.81	1,368.62	1,336.47	32.15	42.571		
6,000.00	5,844.03	5,854.20	5,781.83	19.24	15.32	-137.47	501.79	809.78	1,390.91	1,358.14	32.77	42.447		
6,100.00	5,941.09	5,951.69	5,877.98	19.61	15.61	-137.48	507.64	824.75	1,413.20	1,379.81	33.39	42.325		
6,200.00	6,038.14	6,049.17	5,974.13	19.98	15.90	-137.50	513.49	839.72	1,435.49	1,401.48	34.01	42.204		
6,300.00	6,135.20	6,146.65	6,070.28	20.36	16.19	-137.51	519.34	854.69	1,457.78	1,423.14	34.64	42.084		
6,400.00	6,232.25	6,244.14	6,166.43	20.74	16.49	-137.53	525.19	869.66	1,480.07	1,444.80	35.27	41.965		
6,500.00	6,329.31	6,341.62	6,262.58	21.12	16.78	-137.54	531.05	884.63	1,502.36	1,466.46	35.90	41.849		
6,600.00	6,426.37	6,439.10	6,358.73	21.49	17.08	-139.80	536.90	899.60	1,524.65	1,488.12	36.53	41.736		
6,700.00	6,524.50	6,536.25	6,454.54	21.72	17.37	177.01	542.73	914.52	1,546.27	1,509.19	37.08	41.703		
6,800.00	6,622.76	6,631.09	6,548.09	21.88	17.66	132.06	548.42	929.08	1,566.60	1,529.03	37.57	41.694		
6,900.00	6,718.71	6,714.51	6,630.54	21.97	17.89	112.08	553.44	940.58	1,585.93	1,547.98	37.95	41.790		
7,000.00	6,810.00	6,793.05	6,708.86	22.01	18.04	103.00	558.18	942.78	1,604.93	1,566.75	38.19	42.028		
7,100.00	6,894.37	6,875.36	6,790.56	22.00	18.14	98.14	563.12	934.71	1,623.45	1,585.09	38.36	42.322		
7,200.00	6,969.76	6,962.62	6,875.27	21.96	18.21	95.31	568.21	914.71	1,641.20	1,602.71	38.49	42.639		
7,300.00	7,034.30	7,056.35	6,962.31	21.89	18.24	93.69	573.41	880.52	1,657.85	1,619.25	38.60	42.949		
7,400.00	7,086.41	7,158.54	7,050.36	21.80	18.24	92.91	578.64	829.14	1,673.05	1,634.34	38.72	43.212		
7,500.00	7,124.80	7,271.67	7,136.87	21.71	18.22	92.82	583.74	756.65	1,686.37	1,647.49	38.88	43.376		
7,600.00	7,148.53	7,398.63	7,216.98	21.62	18.25	93.31	588.40	658.54	1,697.24	1,658.10	39.14	43.365		
7,700.00	7,157.02	7,542.23	7,282.17	21.55	18.42	94.31	592.10	530.99	1,704.96	1,665.36	39.60	43.054		
7,800.00	7,156.15	7,705.68	7,319.59	21.56	18.88	95.54	594.06	372.35	1,709.11	1,668.71	40.41	42.299		
7,900.00	7,155.19	7,835.31	7,322.64	21.72	19.45	95.68	594.00	242.84	1,710.02	1,668.55	41.47	41.233		
8,000.00	7,154.24	7,935.31	7,322.04	22.13	20.02	95.69	593.77	142.85	1,710.59	1,667.90	42.69	40.071		
8,100.00	7,153.28	8,035.30	7,321.45	22.77	20.72	95.70	593.54	42.85	1,711.15	1,667.02	44.13	38.777		
8,200.00	7,152.32	8,135.30	7,320.85	23.59	21.53	95.71	593.31	-57.15	1,711.71	1,665.95	45.77	37.399		
8,300.00	7,151.36	8,235.30	7,320.26	24.52	22.43	95.73	593.08	-157.14	1,712.28	1,664.69	47.59	35.980		
8,400.00	7,150.41	8,335.30	7,319.66	25.54	23.41	95.74	592.85	-257.14	1,712.84	1,663.27	49.57	34.553		
8,500.00	7,149.45	8,435.30	7,319.06	26.64	24.47	95.75	592.62	-357.13	1,713.40	1,661.71	51.69	33.145		
8,600.00	7,148.49	8,535.29	7,318.47	27.79	25.59	95.76	592.39	-457.13	1,713.97	1,660.03	53.94	31.775		
8,700.00	7,147.54	8,635.29	7,317.87	29.00	26.77	95.77	592.16	-557.12	1,714.53	1,658.23	56.30	30.455		
8,800.00	7,146.58	8,735.29	7,317.28	30.25	28.01	95.78	591.93	-657.12	1,715.10	1,656.35	58.75	29.193		
8,900.00	7,145.62	8,835.29	7,316.68	31.54	29.28	95.79	591.70	-757.12	1,715.66	1,654.37	61.29	27.994		
9,000.00	7,144.66	8,935.29	7,316.08	32.86	30.59	95.80	591.47	-857.11	1,716.22	1,652.33	63.90	26.858		
9,100.00	7,143.71	9,035.28	7,315.49	34.21	31.94	95.81	591.24	-957.11	1,716.79	1,650.21	66.58	25.787		
9,200.00	7,142.75	9,135.28	7,314.89	35.59	33.32	95.82	591.01	-1,057.10	1,717.35	1,648.04	69.31	24.778		
9,300.00	7,141.79	9,235.28	7,314.30	36.99	34.72	95.83	590.78	-1,157.10	1,717.92	1,645.82	72.09	23.829		
9,400.00	7,140.83	9,335.28	7,313.70	38.41	36.14	95.84	590.55	-1,257.10	1,718.48	1,643.56	74.92	22.936		
9,500.00	7,139.88	9,435.28	7,313.10	39.86	37.59	95.85	590.32	-1,357.09	1,719.04	1,641.25	77.79	22.097		
9,600.00	7,138.92	9,535.27	7,312.51	41.31	39.05	95.86	590.09	-1,457.09	1,719.61	1,638.91	80.70	21.309		
9,700.00	7,137.96	9,635.27	7,311.91	42.79	40.53	95.87	589.87	-1,557.08	1,720.17	1,636.54	83.64	20.567		
9,800.00	7,137.00	9,735.27	7,311.32	44.28	42.03	95.88	589.64	-1,657.08	1,720.74	1,634.13	86.61	19.869		
9,900.00	7,136.05	9,835.27	7,310.72	45.78	43.54	95.89	589.41	-1,757.08	1,721.30	1,631.70	89.60	19.211		
10,000.00	7,135.09	9,935.27	7,310.12	47.29	45.06	95.90	589.18	-1,857.07	1,721.87	1,629.25	92.61	18.592		
10,100.00	7,134.13	10,035.26	7,309.53	48.81	46.59	95.91	588.95	-1,957.07	1,722.43	1,626.78	95.65	18.007		
10,200.00	7,133.17	10,135.26	7,308.93	50.34	48.13	95.92	588.72	-2,057.06	1,723.00	1,624.29	98.71	17.456		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,300.00	7,132.22	10,235.26	7,308.34	51.88	49.68	95.93	588.49	-2,157.06	1,723.56	1,621.78	101.78	16.934		
10,400.00	7,131.26	10,335.26	7,307.74	53.43	51.23	95.94	588.26	-2,257.06	1,724.13	1,619.25	104.87	16.440		
10,500.00	7,130.30	10,435.25	7,307.14	54.98	52.80	95.95	588.03	-2,357.05	1,724.69	1,616.72	107.97	15.973		
10,600.00	7,129.34	10,535.25	7,306.55	56.55	54.37	95.96	587.80	-2,457.05	1,725.25	1,614.16	111.09	15.530		
10,700.00	7,128.39	10,635.25	7,305.95	58.11	55.94	95.97	587.57	-2,557.04	1,725.82	1,611.60	114.22	15.109		
10,800.00	7,127.43	10,735.25	7,305.36	59.69	57.53	95.98	587.34	-2,657.04	1,726.38	1,609.02	117.36	14.710		
10,900.00	7,126.47	10,835.25	7,304.76	61.26	59.11	95.99	587.11	-2,757.03	1,726.95	1,606.44	120.51	14.330		
11,000.00	7,125.51	10,935.24	7,304.16	62.85	60.70	96.00	586.88	-2,857.03	1,727.51	1,603.84	123.67	13.968		
11,100.00	7,124.56	11,035.24	7,303.57	64.44	62.30	96.01	586.65	-2,957.03	1,728.08	1,601.24	126.84	13.624		
11,200.00	7,123.60	11,135.24	7,302.97	66.03	63.90	96.02	586.42	-3,057.02	1,728.64	1,598.63	130.02	13.295		
11,300.00	7,122.64	11,235.24	7,302.38	67.62	65.51	96.03	586.19	-3,157.02	1,729.21	1,596.01	133.20	12.982		
11,400.00	7,121.68	11,335.24	7,301.78	69.22	67.11	96.04	585.96	-3,257.01	1,729.78	1,593.38	136.39	12.682		
11,500.00	7,120.73	11,435.23	7,301.18	70.83	68.72	96.05	585.73	-3,357.01	1,730.34	1,590.75	139.59	12.396		
11,600.00	7,119.77	11,535.23	7,300.59	72.43	70.34	96.06	585.50	-3,457.01	1,730.91	1,588.11	142.80	12.121		
11,700.00	7,118.81	11,635.23	7,299.99	74.04	71.95	96.07	585.27	-3,557.00	1,731.47	1,585.46	146.01	11.859		
11,800.00	7,117.85	11,735.23	7,299.40	75.65	73.57	96.08	585.04	-3,657.00	1,732.04	1,582.82	149.22	11.607		
11,900.00	7,116.90	11,835.23	7,298.80	77.27	75.19	96.09	584.81	-3,756.99	1,732.60	1,580.16	152.44	11.366		
12,000.00	7,115.94	11,935.22	7,298.20	78.88	76.82	96.10	584.58	-3,856.99	1,733.17	1,577.50	155.67	11.134		
12,100.00	7,114.98	12,035.22	7,297.61	80.50	78.44	96.11	584.36	-3,956.99	1,733.73	1,574.84	158.89	10.911		
12,200.00	7,114.02	12,135.22	7,297.01	82.12	80.07	96.12	584.13	-4,056.98	1,734.30	1,572.17	162.13	10.697		
12,300.00	7,113.07	12,235.22	7,296.42	83.75	81.70	96.13	583.90	-4,156.98	1,734.86	1,569.50	165.36	10.491		
12,400.00	7,112.11	12,335.22	7,295.82	85.37	83.33	96.14	583.67	-4,256.97	1,735.43	1,566.83	168.60	10.293		
12,500.00	7,111.15	12,435.21	7,295.22	87.00	84.97	96.15	583.44	-4,356.97	1,736.00	1,564.15	171.85	10.102		
12,600.00	7,110.19	12,535.21	7,294.63	88.63	86.60	96.16	583.21	-4,456.96	1,736.56	1,561.47	175.09	9.918		
12,700.00	7,109.24	12,635.21	7,294.03	90.26	88.24	96.17	582.98	-4,556.96	1,737.13	1,558.78	178.34	9.740		
12,800.00	7,108.28	12,735.21	7,293.44	91.89	89.88	96.18	582.75	-4,656.96	1,737.69	1,556.10	181.60	9.569		
12,900.00	7,107.32	12,835.21	7,292.84	93.52	91.51	96.19	582.52	-4,756.95	1,738.26	1,553.41	184.85	9.404		
13,000.00	7,106.36	12,935.20	7,292.24	95.16	93.16	96.20	582.29	-4,856.95	1,738.83	1,550.72	188.11	9.244		
13,100.00	7,105.41	13,035.20	7,291.65	96.80	94.80	96.21	582.06	-4,956.94	1,739.39	1,548.02	191.37	9.089		
13,200.00	7,104.45	13,135.20	7,291.05	98.43	96.44	96.22	581.83	-5,056.94	1,739.96	1,545.33	194.63	8.940		
13,300.00	7,103.49	13,235.20	7,290.46	100.07	98.08	96.23	581.60	-5,156.94	1,740.53	1,542.63	197.90	8.795		
13,400.00	7,102.53	13,335.20	7,289.86	101.71	99.73	96.24	581.37	-5,256.93	1,741.09	1,539.93	201.16	8.655		
13,500.00	7,101.58	13,435.19	7,289.26	103.35	101.37	96.25	581.14	-5,356.93	1,741.66	1,537.22	204.43	8.519		
13,600.00	7,100.62	13,535.19	7,288.67	104.99	103.02	96.26	580.91	-5,456.92	1,742.22	1,534.52	207.70	8.388		
13,700.00	7,099.66	13,635.19	7,288.07	106.64	104.67	96.27	580.68	-5,556.92	1,742.79	1,531.82	210.98	8.261		
13,800.00	7,098.70	13,735.19	7,287.48	108.28	106.32	96.28	580.45	-5,656.92	1,743.36	1,529.11	214.25	8.137		
13,900.00	7,097.75	13,835.18	7,286.88	109.92	107.97	96.29	580.22	-5,756.91	1,743.92	1,526.40	217.52	8.017		
14,000.00	7,096.79	13,935.18	7,286.28	111.57	109.62	96.30	579.99	-5,856.91	1,744.49	1,523.69	220.80	7.901		
14,100.00	7,095.83	14,035.18	7,285.69	113.22	111.27	96.31	579.76	-5,956.90	1,745.06	1,520.98	224.08	7.788		
14,200.00	7,094.87	14,135.18	7,285.09	114.86	112.92	96.32	579.53	-6,056.90	1,745.62	1,518.26	227.36	7.678		
14,300.00	7,093.92	14,235.18	7,284.50	116.51	114.57	96.33	579.30	-6,156.90	1,746.19	1,515.55	230.64	7.571		
14,400.00	7,092.96	14,335.17	7,283.90	118.16	116.22	96.34	579.08	-6,256.89	1,746.76	1,512.83	233.92	7.467		
14,500.00	7,092.00	14,435.17	7,283.30	119.81	117.88	96.35	578.85	-6,356.88	1,747.32	1,510.12	237.21	7.366		
14,600.00	7,091.04	14,535.17	7,282.71	121.46	119.53	96.36	578.62	-6,456.88	1,747.89	1,507.40	240.49	7.268		
14,700.00	7,090.09	14,635.17	7,282.11	123.11	121.19	96.37	578.39	-6,556.88	1,748.46	1,504.68	243.78	7.172		
14,800.00	7,089.13	14,735.17	7,281.52	124.76	122.84	96.38	578.16	-6,656.87	1,749.03	1,501.96	247.06	7.079		
14,900.00	7,088.17	14,835.16	7,280.92	126.41	124.50	96.39	577.93	-6,756.87	1,749.59	1,499.24	250.35	6.989		
15,000.00	7,087.21	14,935.16	7,280.32	128.07	126.15	96.40	577.70	-6,856.87	1,750.16	1,496.52	253.64	6.900		
15,100.00	7,086.26	15,035.16	7,279.73	129.72	127.81	96.41	577.47	-6,956.86	1,750.73	1,493.80	256.93	6.814		
15,200.00	7,085.30	15,135.16	7,279.13	131.37	129.47	96.42	577.24	-7,056.86	1,751.29	1,491.07	260.22	6.730		
15,300.00	7,084.34	15,235.16	7,278.54	133.03	131.13	96.43	577.01	-7,156.85	1,751.86	1,488.35	263.51	6.648		
15,331.10	7,084.04	15,257.27	7,278.40	133.54	131.49	96.43	576.96	-7,178.97	1,752.06	1,487.70	264.36	6.628 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
0.00	0.00	2.00	-2.00	3.28	3.28	-4.62	199.64	-16.12	200.29					
100.00	100.00	102.00	98.00	3.28	3.28	-4.62	199.64	-16.12	200.29	192.76	7.53	26.602		
200.00	200.00	202.00	198.00	3.31	3.31	-4.62	199.64	-16.12	200.29	192.72	7.57	26.442	CC, ES	
200.02	200.02	201.98	198.02	3.31	3.31	-4.62	199.64	-16.12	200.29	192.72	7.57	26.442		
300.00	300.00	296.97	296.97	3.35	3.35	-137.03	199.79	-15.77	200.87	193.21	7.66	26.229		
400.00	399.92	394.74	394.68	3.41	3.41	-136.82	201.05	-12.75	204.72	196.94	7.78	26.320		
500.00	499.64	492.20	491.91	3.49	3.50	-136.35	203.60	-6.69	212.18	204.24	7.95	26.704		
600.00	599.05	589.17	588.38	3.60	3.60	-135.66	207.40	2.37	223.26	215.09	8.16	27.348		
700.00	698.03	685.46	683.79	3.74	3.74	-134.80	212.41	14.34	237.93	229.49	8.44	28.204		
800.00	796.44	781.78	778.76	3.93	3.90	-133.86	218.62	29.13	256.13	247.36	8.77	29.207		
900.00	894.18	879.57	875.05	4.16	4.10	-133.32	225.21	44.86	277.00	267.83	9.17	30.211		
1,000.00	991.29	976.94	970.92	4.45	4.32	-133.41	231.79	60.53	299.76	290.13	9.62	31.149		
1,100.00	1,088.34	1,074.27	1,066.76	4.77	4.56	-133.62	238.35	76.20	322.67	312.56	10.11	31.903		
1,200.00	1,185.40	1,171.61	1,162.60	5.11	4.82	-133.80	244.92	91.86	345.59	334.95	10.64	32.473		
1,300.00	1,282.45	1,268.94	1,258.44	5.48	5.09	-133.96	251.49	107.52	368.52	357.31	11.20	32.895		
1,400.00	1,379.51	1,366.27	1,354.28	5.87	5.37	-134.10	258.06	123.19	391.44	379.65	11.79	33.204		
1,500.00	1,476.56	1,463.60	1,450.12	6.27	5.67	-134.22	264.63	138.85	414.37	401.97	12.40	33.421		
1,600.00	1,573.62	1,560.93	1,545.96	6.68	5.97	-134.33	271.20	154.52	437.30	424.27	13.03	33.568		
1,700.00	1,670.67	1,658.27	1,641.80	7.10	6.28	-134.44	277.76	170.18	460.23	446.56	13.67	33.663		
1,800.00	1,767.73	1,755.60	1,737.63	7.53	6.60	-134.53	284.33	185.84	483.16	468.83	14.33	33.716		
1,900.00	1,864.78	1,852.93	1,833.47	7.77	6.84	-134.61	290.90	201.51	506.10	491.71	14.39	35.174		
2,000.00	1,961.84	1,950.26	1,929.31	7.83	6.95	-134.69	297.47	217.17	529.03	514.50	14.53	36.401		
2,100.00	2,058.89	2,047.60	2,025.15	7.91	7.00	-134.75	304.04	232.83	551.97	537.32	14.64	37.696		
2,200.00	2,155.95	2,144.93	2,120.99	8.01	7.07	-134.82	310.61	248.50	574.90	560.11	14.79	38.875		
2,300.00	2,253.00	2,242.26	2,216.83	8.13	7.16	-134.88	317.17	264.16	597.84	582.87	14.97	39.935		
2,400.00	2,350.06	2,339.59	2,312.67	8.26	7.27	-134.93	323.74	279.83	620.77	605.59	15.19	40.877		
2,500.00	2,447.11	2,436.93	2,408.51	8.42	7.40	-134.98	330.31	295.49	643.71	628.28	15.44	41.703		
2,600.00	2,544.17	2,534.26	2,504.35	8.59	7.54	-135.03	336.88	311.15	666.65	650.93	15.72	42.418		
2,700.00	2,641.22	2,631.59	2,600.18	8.77	7.70	-135.07	343.45	326.82	689.59	673.56	16.03	43.028		
2,800.00	2,738.28	2,728.92	2,696.02	8.98	7.87	-135.12	350.02	342.48	712.53	696.16	16.36	43.541		
2,900.00	2,835.33	2,826.25	2,791.86	9.19	8.06	-135.15	356.58	358.14	735.47	718.74	16.73	43.964		
3,000.00	2,932.39	2,923.59	2,887.70	9.42	8.26	-135.19	363.15	373.81	758.40	741.29	17.12	44.306		
3,100.00	3,029.44	3,020.92	2,983.54	9.66	8.47	-135.22	369.72	389.47	781.34	763.81	17.53	44.575		
3,200.00	3,126.50	3,118.25	3,079.38	9.91	8.69	-135.26	376.29	405.14	804.28	786.32	17.96	44.778		
3,300.00	3,223.55	3,215.58	3,175.22	10.17	8.92	-135.29	382.86	420.80	827.22	808.81	18.41	44.925		
3,400.00	3,320.61	3,312.92	3,271.06	10.44	9.16	-135.32	389.43	436.46	850.16	831.28	18.88	45.021		
3,500.00	3,417.66	3,410.25	3,366.90	10.72	9.41	-135.34	395.99	452.13	873.10	853.73	19.37	45.073		
3,600.00	3,514.71	3,507.58	3,462.73	11.00	9.67	-135.37	402.56	467.79	896.04	876.17	19.87	45.087		
3,700.00	3,611.77	3,604.91	3,558.57	11.30	9.94	-135.39	409.13	483.45	918.98	898.59	20.39	45.069		
3,800.00	3,708.82	3,702.25	3,654.41	11.60	10.21	-135.42	415.70	499.12	941.93	921.01	20.92	45.024		
3,900.00	3,805.88	3,800.42	3,750.25	11.90	10.49	-135.44	422.27	514.78	964.87	943.40	21.47	44.949		
4,000.00	3,902.93	3,903.09	3,846.09	12.22	10.79	-135.46	428.84	530.45	987.81	965.77	22.04	44.828		
4,100.00	3,999.99	4,005.76	3,941.93	12.54	11.09	-135.48	435.40	546.11	1,010.75	988.13	22.62	44.692		
4,200.00	4,097.04	4,108.43	4,037.77	12.86	11.41	-135.50	441.97	561.77	1,033.69	1,010.48	23.21	44.543		
4,300.00	4,194.10	4,188.91	4,133.61	13.19	11.65	-135.52	448.54	577.44	1,056.63	1,032.89	23.74	44.510		
4,400.00	4,291.15	4,286.24	4,229.44	13.52	11.96	-135.54	455.11	593.10	1,079.57	1,055.24	24.33	44.371		
4,500.00	4,388.21	4,383.57	4,325.28	13.86	12.26	-135.55	461.68	608.77	1,102.51	1,077.59	24.93	44.225		
4,600.00	4,485.26	4,480.90	4,421.12	14.20	12.57	-135.57	468.25	624.43	1,125.46	1,099.92	25.54	44.074		
4,700.00	4,582.32	4,578.24	4,516.96	14.54	12.89	-135.59	474.81	640.09	1,148.40	1,122.25	26.15	43.918		
4,800.00	4,679.37	4,675.57	4,612.80	14.89	13.20	-135.60	481.38	655.76	1,171.34	1,144.57	26.77	43.759		
4,900.00	4,776.43	4,772.90	4,708.64	15.24	13.52	-135.62	487.95	671.42	1,194.28	1,166.89	27.39	43.598		
5,000.00	4,873.48	4,870.23	4,804.48	15.59	13.85	-135.63	494.52	687.08	1,217.22	1,189.20	28.02	43.436		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
5,100.00	4,970.54	4,967.57	4,900.32	15.94	14.17	-135.64	501.09	702.75	1,240.17	1,211.51	28.66	43.274		
5,200.00	5,067.59	5,064.90	4,996.16	16.30	14.50	-135.66	507.66	718.41	1,263.11	1,233.81	29.30	43.111		
5,300.00	5,164.65	5,162.23	5,091.99	16.66	14.83	-135.67	514.23	734.08	1,286.05	1,256.11	29.94	42.949		
5,400.00	5,261.70	5,259.56	5,187.83	17.02	15.16	-135.68	520.79	749.74	1,308.99	1,278.40	30.59	42.789		
5,500.00	5,358.76	5,356.90	5,283.67	17.39	15.49	-135.69	527.36	765.40	1,331.94	1,300.69	31.24	42.629		
5,600.00	5,455.81	5,454.23	5,379.51	17.75	15.83	-135.70	533.93	781.07	1,354.88	1,322.98	31.90	42.472		
5,700.00	5,552.87	5,551.56	5,475.35	18.12	16.16	-135.72	540.50	796.73	1,377.82	1,345.26	32.56	42.316		
5,800.00	5,649.92	5,648.89	5,571.19	18.49	16.50	-135.73	547.07	812.39	1,400.76	1,367.54	33.22	42.162		
5,900.00	5,746.98	5,746.22	5,667.03	18.86	16.84	-135.74	553.64	828.06	1,423.70	1,389.82	33.89	42.011		
6,000.00	5,844.03	5,843.56	5,762.87	19.24	17.18	-135.75	560.20	843.72	1,446.65	1,412.09	34.56	41.861		
6,100.00	5,941.09	5,940.89	5,858.71	19.61	17.52	-135.76	566.77	859.39	1,469.59	1,434.36	35.23	41.715		
6,200.00	6,038.14	6,038.22	5,954.54	19.98	17.87	-135.76	573.34	875.05	1,492.53	1,456.63	35.90	41.571		
6,300.00	6,135.20	6,135.55	6,050.38	20.36	18.21	-135.77	579.91	890.71	1,515.48	1,478.90	36.58	41.429		
6,400.00	6,232.25	6,232.89	6,146.22	20.74	18.56	-135.78	586.48	906.38	1,538.42	1,501.16	37.26	41.290		
6,500.00	6,329.31	6,330.22	6,242.06	21.12	18.91	-135.79	593.05	922.04	1,561.36	1,523.42	37.94	41.154		
6,600.00	6,426.37	6,425.83	6,336.21	21.49	19.24	-138.05	599.50	937.36	1,584.31	1,545.70	38.60	41.040		
6,700.00	6,524.50	6,507.48	6,417.34	21.72	19.41	178.32	605.01	944.16	1,607.40	1,568.42	38.98	41.236		
6,800.00	6,622.76	6,589.20	6,498.74	21.88	19.52	132.38	610.45	940.48	1,630.31	1,591.08	39.23	41.558		
6,900.00	6,718.71	6,671.39	6,579.46	21.97	19.61	111.21	615.77	926.29	1,652.49	1,613.11	39.39	41.956		
7,000.00	6,810.00	6,754.40	6,658.46	22.01	19.68	101.06	620.90	901.50	1,673.44	1,633.96	39.48	42.386		
7,100.00	6,894.37	6,838.63	6,734.63	22.00	19.75	95.20	625.74	866.05	1,692.69	1,653.13	39.56	42.792		
7,200.00	6,969.76	6,924.44	6,806.76	21.96	19.87	91.46	630.24	819.89	1,709.82	1,670.15	39.67	43.099		
7,300.00	7,034.30	7,012.21	6,873.45	21.89	20.06	88.98	634.28	763.09	1,724.47	1,684.56	39.91	43.213		
7,400.00	7,086.41	7,102.28	6,933.13	21.80	20.40	87.41	637.77	695.81	1,736.32	1,695.97	40.35	43.031		
7,500.00	7,124.80	7,194.97	6,984.03	21.71	20.98	86.55	640.60	618.49	1,745.12	1,704.01	41.11	42.448		
7,600.00	7,148.53	7,290.58	7,024.24	21.62	21.85	86.30	642.63	531.87	1,750.69	1,708.43	42.26	41.424		
7,700.00	7,157.02	7,389.32	7,051.71	21.55	23.05	86.62	643.74	437.14	1,752.89	1,709.06	43.83	39.993		
7,800.00	7,156.15	7,491.98	7,064.43	21.56	24.58	87.07	643.81	335.39	1,752.99	1,707.18	45.81	38.268		
7,900.00	7,155.19	7,606.43	7,064.21	21.72	26.56	87.09	643.00	233.82	1,752.92	1,704.60	48.32	36.276		
8,000.00	7,154.24	7,706.43	7,063.00	22.13	28.51	87.08	642.14	133.83	1,752.84	1,701.92	50.91	34.429		
8,100.00	7,153.28	7,806.43	7,061.80	22.77	30.62	87.07	641.29	33.84	1,752.75	1,698.98	53.77	32.597		
8,200.00	7,152.32	7,906.43	7,060.59	23.59	32.87	87.07	640.43	-66.15	1,752.67	1,695.81	56.86	30.827		
8,300.00	7,151.36	8,006.43	7,059.38	24.52	35.22	87.06	639.57	-166.14	1,752.58	1,692.45	60.13	29.146		
8,400.00	7,150.41	8,106.43	7,058.18	25.54	37.66	87.05	638.71	-266.13	1,752.50	1,688.92	63.57	27.567		
8,500.00	7,149.45	8,206.43	7,056.97	26.64	40.17	87.04	637.86	-366.12	1,752.41	1,685.26	67.15	26.097		
8,600.00	7,148.49	8,306.44	7,055.77	27.79	42.74	87.03	637.00	-466.11	1,752.33	1,681.48	70.84	24.735		
8,700.00	7,147.54	8,406.44	7,054.56	29.00	45.36	87.02	636.14	-566.09	1,752.24	1,677.60	74.64	23.476		
8,800.00	7,146.58	8,506.44	7,053.35	30.25	48.02	87.02	635.28	-666.08	1,752.16	1,673.63	78.52	22.314		
8,900.00	7,145.62	8,606.44	7,052.15	31.54	50.71	87.01	634.43	-766.07	1,752.07	1,669.59	82.48	21.242		
9,000.00	7,144.66	8,706.44	7,050.94	32.86	53.43	87.00	633.57	-866.06	1,751.99	1,665.48	86.51	20.253		
9,100.00	7,143.71	8,793.56	7,049.73	34.21	55.82	86.99	632.71	-966.05	1,751.90	1,661.67	90.23	19.416		
9,200.00	7,142.75	8,906.44	7,048.53	35.59	58.94	86.98	631.85	-1,066.04	1,751.82	1,657.10	94.71	18.496		
9,300.00	7,141.79	9,006.44	7,047.32	36.99	61.72	86.97	630.99	-1,166.03	1,751.73	1,652.84	98.89	17.714		
9,400.00	7,140.83	9,106.44	7,046.12	38.41	64.52	86.97	630.14	-1,266.02	1,751.65	1,648.55	103.10	16.990		
9,500.00	7,139.88	9,206.44	7,044.91	39.86	67.33	86.96	629.28	-1,366.00	1,751.56	1,644.22	107.34	16.317		
9,600.00	7,138.92	9,306.44	7,043.70	41.31	70.16	86.95	628.42	-1,465.99	1,751.48	1,639.86	111.62	15.691		
9,700.00	7,137.96	9,406.44	7,042.50	42.79	73.00	86.94	627.56	-1,565.98	1,751.39	1,635.47	115.92	15.108		
9,800.00	7,137.00	9,506.44	7,041.29	44.28	75.84	86.93	626.71	-1,665.97	1,751.31	1,631.06	120.25	14.564		
9,900.00	7,136.05	9,593.56	7,040.09	45.78	78.33	86.92	625.85	-1,765.96	1,751.22	1,626.99	124.23	14.097		
10,000.00	7,135.09	9,706.44	7,038.88	47.29	81.56	86.92	624.99	-1,865.95	1,751.14	1,622.17	128.97	13.578		
10,100.00	7,134.13	9,806.44	7,037.67	48.81	84.43	86.91	624.13	-1,965.94	1,751.05	1,617.70	133.35	13.131		
10,200.00	7,133.17	9,906.44	7,036.47	50.34	87.30	86.90	623.27	-2,065.92	1,750.97	1,613.22	137.75	12.711		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,300.00	7,132.22	10,006.44	7,035.26	51.88	90.19	86.89	622.42	-2,165.91	1,750.88	1,608.72	142.17	12.316		
10,400.00	7,131.26	10,106.44	7,034.05	53.43	93.07	86.88	621.56	-2,265.90	1,750.80	1,604.20	146.60	11.943		
10,500.00	7,130.30	10,206.44	7,032.85	54.98	95.96	86.87	620.70	-2,365.89	1,750.72	1,599.68	151.04	11.591		
10,600.00	7,129.34	10,306.44	7,031.64	56.55	98.86	86.87	619.84	-2,465.88	1,750.63	1,595.14	155.49	11.259		
10,700.00	7,128.39	10,406.44	7,030.44	58.11	101.76	86.86	618.99	-2,565.87	1,750.55	1,590.60	159.95	10.944		
10,800.00	7,127.43	10,506.44	7,029.23	59.69	104.66	86.85	618.13	-2,665.86	1,750.46	1,586.04	164.42	10.646		
10,900.00	7,126.47	10,606.44	7,028.02	61.26	107.56	86.84	617.27	-2,765.85	1,750.38	1,581.48	168.90	10.363		
11,000.00	7,125.51	10,706.44	7,026.82	62.85	110.47	86.83	616.41	-2,865.83	1,750.30	1,576.91	173.39	10.095		
11,100.00	7,124.56	10,806.44	7,025.61	64.44	113.38	86.83	615.55	-2,965.82	1,750.21	1,572.33	177.88	9.839		
11,200.00	7,123.60	10,906.44	7,024.41	66.03	116.30	86.82	614.70	-3,065.81	1,750.13	1,567.74	182.39	9.596		
11,300.00	7,122.64	11,006.45	7,023.20	67.62	119.21	86.81	613.84	-3,165.80	1,750.04	1,563.15	186.89	9.364		
11,400.00	7,121.68	11,106.45	7,021.99	69.22	122.13	86.80	612.98	-3,265.79	1,749.96	1,558.55	191.41	9.143		
11,500.00	7,120.73	11,206.45	7,020.79	70.83	125.05	86.79	612.12	-3,365.78	1,749.87	1,553.95	195.93	8.931		
11,600.00	7,119.77	11,306.45	7,019.58	72.43	127.97	86.78	611.27	-3,465.77	1,749.79	1,549.34	200.45	8.729		
11,700.00	7,118.81	11,406.45	7,018.38	74.04	130.90	86.78	610.41	-3,565.76	1,749.71	1,544.73	204.98	8.536		
11,800.00	7,117.85	11,506.45	7,017.17	75.65	133.82	86.77	609.55	-3,665.74	1,749.62	1,540.11	209.51	8.351		
11,900.00	7,116.90	11,606.45	7,015.96	77.27	136.75	86.76	608.69	-3,765.73	1,749.54	1,535.49	214.05	8.174		
12,000.00	7,115.94	11,706.45	7,014.76	78.88	139.68	86.75	607.84	-3,865.72	1,749.46	1,530.87	218.59	8.003		
12,100.00	7,114.98	11,806.45	7,013.55	80.50	142.61	86.74	606.98	-3,965.71	1,749.37	1,526.24	223.13	7.840		
12,200.00	7,114.02	11,906.45	7,012.34	82.12	145.54	86.73	606.12	-4,065.70	1,749.29	1,521.61	227.68	7.683		
12,300.00	7,113.07	12,006.45	7,011.14	83.75	148.48	86.73	605.26	-4,165.69	1,749.20	1,516.97	232.23	7.532		
12,400.00	7,112.11	12,106.45	7,009.93	85.37	151.41	86.72	604.40	-4,265.68	1,749.12	1,512.34	236.79	7.387		
12,500.00	7,111.15	12,206.45	7,008.73	87.00	154.34	86.71	603.55	-4,365.66	1,749.04	1,507.69	241.34	7.247		
12,600.00	7,110.19	12,306.45	7,007.52	88.63	157.28	86.70	602.69	-4,465.65	1,748.95	1,503.05	245.90	7.112		
12,700.00	7,109.24	12,406.45	7,006.31	90.26	160.22	86.69	601.83	-4,565.64	1,748.87	1,498.41	250.46	6.983		
12,800.00	7,108.28	12,506.45	7,005.11	91.89	163.16	86.68	600.97	-4,665.63	1,748.79	1,493.76	255.03	6.857		
12,900.00	7,107.32	12,606.45	7,003.90	93.52	166.09	86.68	600.12	-4,765.62	1,748.70	1,489.11	259.59	6.736		
13,000.00	7,106.36	12,706.45	7,002.70	95.16	169.03	86.67	599.26	-4,865.61	1,748.62	1,484.46	264.16	6.619		
13,100.00	7,105.41	12,806.45	7,001.49	96.80	171.97	86.66	598.40	-4,965.60	1,748.54	1,479.80	268.73	6.507		
13,200.00	7,104.45	12,906.45	7,000.28	98.43	174.91	86.65	597.54	-5,065.59	1,748.45	1,475.15	273.31	6.397		
13,300.00	7,103.49	13,006.45	6,999.08	100.07	177.86	86.64	596.68	-5,165.57	1,748.37	1,470.49	277.88	6.292		
13,400.00	7,102.53	13,106.45	6,997.87	101.71	180.80	86.63	595.83	-5,265.56	1,748.29	1,465.83	282.46	6.190		
13,500.00	7,101.58	13,206.45	6,996.67	103.35	183.74	86.63	594.97	-5,365.55	1,748.20	1,461.17	287.03	6.091		
13,600.00	7,100.62	13,293.55	6,995.46	104.99	186.31	86.62	594.11	-5,465.54	1,748.12	1,456.89	291.23	6.002		
13,700.00	7,099.66	13,406.45	6,994.25	106.64	189.63	86.61	593.25	-5,565.53	1,748.04	1,451.84	296.19	5.902		
13,800.00	7,098.70	13,493.55	6,993.05	108.28	192.19	86.60	592.40	-5,665.52	1,747.95	1,447.56	300.40	5.819		
13,900.00	7,097.75	13,606.45	6,991.84	109.92	195.52	86.59	591.54	-5,765.51	1,747.87	1,442.51	305.36	5.724		
14,000.00	7,096.79	13,706.45	6,990.63	111.57	198.47	86.58	590.68	-5,865.50	1,747.79	1,437.84	309.95	5.639		
14,100.00	7,095.83	13,806.46	6,989.43	113.22	201.41	86.58	589.82	-5,965.48	1,747.70	1,433.17	314.53	5.557		
14,200.00	7,094.87	13,906.46	6,988.22	114.86	204.36	86.57	588.96	-6,065.47	1,747.62	1,428.50	319.12	5.476		
14,300.00	7,093.92	14,006.46	6,987.02	116.51	207.31	86.56	588.11	-6,165.46	1,747.54	1,423.83	323.71	5.399		
14,400.00	7,092.96	14,106.46	6,985.81	118.16	210.25	86.55	587.25	-6,265.45	1,747.46	1,419.16	328.30	5.323		
14,500.00	7,092.00	14,206.46	6,984.60	119.81	213.20	86.54	586.39	-6,365.44	1,747.37	1,414.49	332.89	5.249		
14,600.00	7,091.04	14,306.46	6,983.40	121.46	216.15	86.53	585.53	-6,465.43	1,747.29	1,409.81	337.48	5.178		
14,700.00	7,090.09	14,406.46	6,982.19	123.11	219.10	86.53	584.68	-6,565.42	1,747.21	1,405.14	342.07	5.108		
14,800.00	7,089.13	14,493.54	6,980.99	124.76	221.67	86.52	583.82	-6,665.40	1,747.12	1,400.84	346.28	5.045		
14,900.00	7,088.17	14,606.46	6,979.78	126.41	225.00	86.51	582.96	-6,765.39	1,747.04	1,395.78	351.26	4.974		
15,000.00	7,087.21	14,706.46	6,978.57	128.07	227.95	86.50	582.10	-6,865.38	1,746.96	1,391.11	355.85	4.909		
15,100.00	7,086.26	14,806.46	6,977.37	129.72	230.90	86.49	581.25	-6,965.37	1,746.88	1,386.43	360.45	4.846		
15,200.00	7,085.30	14,893.54	6,976.16	131.37	233.47	86.48	580.39	-7,065.36	1,746.79	1,382.13	364.66	4.790		
15,300.00	7,084.34	14,993.54	6,974.95	133.03	236.42	86.48	579.53	-7,165.35	1,746.71	1,377.45	369.26	4.730		
15,322.89	7,084.12	15,016.43	6,974.68	133.41	237.09	86.47	579.33	-7,188.24	1,746.69	1,376.38	370.31	4.717 SF		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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)	Offset Wellbore Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
15,331.10	7,084.04	15,006.87	6,974.79	133.54	236.81	86.47	579.42	-7,178.67	1,746.78	1,376.66	370.11	4.720	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	-4.65	239.35	-19.46	240.14					
100.00	100.00	102.00	98.00	3.28	3.28	-4.65	239.35	-19.46	240.14	232.61	7.53	31.896		
200.00	200.00	198.00	198.00	3.31	3.30	-4.65	239.35	-19.46	240.14	232.57	7.57	31.710	CC, ES	
300.00	300.00	293.62	293.60	3.35	3.35	-136.83	240.30	-18.26	241.49	233.84	7.66	31.541		
400.00	399.92	388.90	388.77	3.41	3.41	-136.43	243.21	-14.58	247.04	239.27	7.78	31.771		
500.00	499.64	483.68	483.22	3.49	3.50	-135.91	248.05	-8.45	256.98	249.04	7.94	32.358		
600.00	599.05	577.69	576.59	3.60	3.60	-135.31	254.76	0.05	271.28	263.12	8.16	33.260		
700.00	698.03	670.67	668.56	3.74	3.73	-134.66	263.26	10.81	289.88	281.46	8.42	34.418		
800.00	796.44	762.74	759.12	3.93	3.90	-133.98	273.50	23.77	312.72	303.98	8.74	35.770		
900.00	894.18	859.29	853.86	4.16	4.10	-133.52	285.06	38.41	338.72	329.59	9.14	37.066		
1,000.00	991.29	955.32	948.08	4.45	4.32	-133.63	296.56	52.97	366.59	357.00	9.59	38.237		
1,100.00	1,088.34	1,051.30	1,042.25	4.77	4.57	-133.88	308.05	67.52	394.61	384.54	10.07	39.185		
1,200.00	1,185.40	1,147.27	1,136.42	5.11	4.84	-134.11	319.54	82.07	422.65	412.06	10.59	39.907		
1,300.00	1,282.45	1,243.25	1,230.59	5.48	5.12	-134.30	331.04	96.63	450.68	439.54	11.14	40.446		
1,400.00	1,379.51	1,339.23	1,324.76	5.87	5.41	-134.47	342.53	111.18	478.73	467.01	11.72	40.850		
1,500.00	1,476.56	1,435.21	1,418.93	6.27	5.72	-134.62	354.02	125.73	506.77	494.45	12.32	41.132		
1,600.00	1,573.62	1,531.19	1,513.10	6.68	6.03	-134.76	365.51	140.29	534.82	521.88	12.94	41.329		
1,700.00	1,670.67	1,627.17	1,607.27	7.10	6.36	-134.88	377.01	154.84	562.87	549.30	13.58	41.460		
1,800.00	1,767.73	1,723.14	1,701.44	7.53	6.68	-134.99	388.50	169.39	590.93	576.70	14.23	41.538		
1,900.00	1,864.78	1,819.12	1,795.61	7.77	6.99	-135.09	399.99	183.94	618.98	604.48	14.50	42.675		
2,000.00	1,961.84	1,915.10	1,889.78	7.83	7.15	-135.19	411.49	198.50	647.04	632.52	14.52	44.550		
2,100.00	2,058.89	2,011.08	1,983.95	7.91	7.20	-135.27	422.98	213.05	675.10	660.48	14.62	46.175		
2,200.00	2,155.95	2,107.06	2,078.12	8.01	7.26	-135.35	434.47	227.60	703.16	688.41	14.75	47.673		
2,300.00	2,253.00	2,203.04	2,172.29	8.13	7.33	-135.42	445.96	242.15	731.22	716.31	14.91	49.039		
2,400.00	2,350.06	2,300.99	2,266.46	8.26	7.42	-135.49	457.46	256.71	759.28	744.18	15.11	50.267		
2,500.00	2,447.11	2,405.01	2,360.63	8.42	7.53	-135.55	468.95	271.26	787.34	772.01	15.34	51.338		
2,600.00	2,544.17	2,509.03	2,454.80	8.59	7.66	-135.61	480.44	285.81	815.41	799.81	15.60	52.275		
2,700.00	2,641.22	2,586.95	2,548.97	8.77	7.77	-135.66	491.94	300.36	843.47	827.62	15.85	53.203		
2,800.00	2,738.28	2,682.93	2,643.14	8.98	7.91	-135.71	503.43	314.92	871.54	855.38	16.16	53.942		
2,900.00	2,835.33	2,778.91	2,737.31	9.19	8.06	-135.76	514.92	329.47	899.60	883.12	16.48	54.574		
3,000.00	2,932.39	2,874.88	2,831.48	9.42	8.23	-135.80	526.42	344.02	927.67	910.83	16.83	55.108		
3,100.00	3,029.44	2,970.86	2,925.65	9.66	8.40	-135.84	537.91	358.58	955.73	938.53	17.20	55.551		
3,200.00	3,126.50	3,066.84	3,019.82	9.91	8.58	-135.88	549.40	373.13	983.80	966.21	17.60	55.913		
3,300.00	3,223.55	3,162.82	3,113.99	10.17	8.77	-135.92	560.89	387.68	1,011.87	993.86	18.00	56.202		
3,400.00	3,320.61	3,258.80	3,208.16	10.44	8.97	-135.96	572.39	402.23	1,039.94	1,021.51	18.43	56.425		
3,500.00	3,417.66	3,354.78	3,302.33	10.72	9.18	-135.99	583.88	416.79	1,068.00	1,049.13	18.87	56.590		
3,600.00	3,514.71	3,450.75	3,396.50	11.00	9.40	-136.02	595.37	431.34	1,096.07	1,076.74	19.33	56.703		
3,700.00	3,611.77	3,546.73	3,490.67	11.30	9.62	-136.05	606.87	445.89	1,124.14	1,104.34	19.80	56.772		
3,800.00	3,708.82	3,642.71	3,584.83	11.60	9.85	-136.08	618.36	460.44	1,152.21	1,131.93	20.28	56.801		
3,900.00	3,805.88	3,738.69	3,679.00	11.90	10.08	-136.11	629.85	475.00	1,180.28	1,159.50	20.78	56.797		
4,000.00	3,902.93	3,834.67	3,773.17	12.22	10.32	-136.13	641.35	489.55	1,208.35	1,187.06	21.29	56.763		
4,100.00	3,999.99	3,930.65	3,867.34	12.54	10.56	-136.16	652.84	504.10	1,236.42	1,214.61	21.81	56.703		
4,200.00	4,097.04	4,026.62	3,961.51	12.86	10.81	-136.18	664.33	518.65	1,264.49	1,242.16	22.33	56.623		
4,300.00	4,194.10	4,122.60	4,055.68	13.19	11.07	-136.20	675.82	533.21	1,292.56	1,269.69	22.87	56.523		
4,400.00	4,291.15	4,218.58	4,149.85	13.52	11.33	-136.23	687.32	547.76	1,320.63	1,297.22	23.41	56.409		
4,500.00	4,388.21	4,314.56	4,244.02	13.86	11.59	-136.25	698.81	562.31	1,348.70	1,324.74	23.96	56.281		
4,600.00	4,485.26	4,410.54	4,338.19	14.20	11.85	-136.27	710.30	576.87	1,376.77	1,352.25	24.52	56.143		
4,700.00	4,582.32	4,506.52	4,432.36	14.54	12.12	-136.29	721.80	591.42	1,404.84	1,379.75	25.09	55.995		
4,800.00	4,679.37	4,602.49	4,526.53	14.89	12.39	-136.30	733.29	605.97	1,432.91	1,407.25	25.66	55.841		
4,900.00	4,776.43	4,701.53	4,620.70	15.24	12.68	-136.32	744.78	620.52	1,460.98	1,434.73	26.25	55.662		
5,000.00	4,873.48	4,805.55	4,714.87	15.59	12.98	-136.34	756.28	635.08	1,489.05	1,462.20	26.85	55.450		
5,100.00	4,970.54	4,909.57	4,809.04	15.94	13.28	-136.35	767.77	649.63	1,517.12	1,489.66	27.47	55.235		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	5,067.59	4,986.41	4,903.21	16.30	13.51	-136.37	779.26	664.18	1,545.20	1,517.19	28.00	55.177		
5,300.00	5,164.65	5,082.39	4,997.38	16.66	13.80	-136.39	790.75	678.73	1,573.27	1,544.66	28.60	55.005		
5,400.00	5,261.70	5,178.36	5,091.55	17.02	14.08	-136.40	802.25	693.29	1,601.34	1,572.13	29.20	54.831		
5,500.00	5,358.76	5,274.34	5,185.72	17.39	14.37	-136.41	813.74	707.84	1,629.41	1,599.60	29.81	54.658		
5,600.00	5,455.81	5,370.32	5,279.89	17.75	14.66	-136.43	825.23	722.39	1,657.48	1,627.06	30.42	54.485		
5,700.00	5,552.87	5,466.30	5,374.06	18.12	14.96	-136.44	836.73	736.94	1,685.55	1,654.52	31.03	54.312		
5,800.00	5,649.92	5,562.28	5,468.23	18.49	15.25	-136.45	848.22	751.50	1,713.62	1,681.97	31.65	54.140		
5,900.00	5,746.98	5,658.26	5,562.40	18.86	15.55	-136.47	859.71	766.05	1,741.70	1,709.42	32.27	53.969		
6,000.00	5,844.03	5,754.23	5,656.57	19.24	15.85	-136.48	871.20	780.60	1,769.77	1,736.87	32.90	53.800		
6,100.00	5,941.09	5,850.21	5,750.74	19.61	16.15	-136.49	882.70	795.16	1,797.84	1,764.32	33.52	53.633		
6,200.00	6,038.14	5,946.19	5,844.91	19.98	16.45	-136.50	894.19	809.71	1,825.91	1,791.76	34.15	53.468		
6,300.00	6,135.20	6,042.17	5,939.08	20.36	16.75	-136.51	905.68	824.26	1,853.99	1,819.20	34.78	53.304		
6,400.00	6,232.25	6,138.15	6,033.25	20.74	17.05	-136.52	917.18	838.81	1,882.06	1,846.64	35.41	53.143		
6,500.00	6,329.31	6,234.13	6,127.42	21.12	17.36	-136.53	928.67	853.37	1,910.13	1,874.08	36.05	52.984		
6,600.00	6,426.37	6,330.10	6,221.59	21.49	17.66	-138.84	940.16	867.92	1,938.20	1,901.51	36.69	52.832		
6,700.00	6,524.50	6,425.74	6,315.43	21.72	17.97	177.32	951.61	882.42	1,965.73	1,928.50	37.23	52.800		
6,800.00	6,622.76	6,519.09	6,407.02	21.88	18.27	131.62	962.79	896.57	1,992.03	1,954.33	37.71	52.832		
6,900.00	6,718.71	6,596.41	6,483.20	21.97	18.47	110.75	972.07	905.73	2,017.19	1,979.19	38.00	53.078		
7,000.00	6,810.00	6,672.12	6,558.31	22.01	18.62	100.87	981.15	905.93	2,041.44	2,003.25	38.19	53.449		
7,100.00	6,894.37	6,751.09	6,636.12	22.00	18.74	95.27	990.48	896.57	2,064.38	2,026.05	38.33	53.861		
7,200.00	6,969.76	6,834.43	6,716.32	21.96	18.83	91.77	1,000.01	876.26	2,085.60	2,047.17	38.42	54.278		
7,300.00	7,034.30	6,923.51	6,798.36	21.89	18.87	89.56	1,009.67	843.10	2,104.72	2,066.20	38.52	54.643		
7,400.00	7,086.41	7,020.13	6,881.20	21.80	18.88	88.28	1,019.31	794.51	2,121.34	2,082.70	38.64	54.901		
7,500.00	7,124.80	7,126.53	6,962.83	21.71	18.86	87.75	1,028.65	727.10	2,135.08	2,096.25	38.83	54.987		
7,600.00	7,148.53	7,245.44	7,039.47	21.62	18.82	87.90	1,037.21	636.81	2,145.47	2,106.34	39.14	54.822		
7,700.00	7,157.02	7,379.77	7,104.31	21.55	18.83	88.67	1,044.14	519.65	2,152.01	2,112.37	39.64	54.295		
7,800.00	7,156.15	7,533.96	7,146.83	21.56	19.07	89.80	1,048.13	371.89	2,155.13	2,114.69	40.44	53.295		
7,900.00	7,155.19	7,677.23	7,154.73	21.72	19.60	90.04	1,047.98	229.07	2,155.67	2,114.15	41.52	51.920		
8,000.00	7,154.24	7,777.23	7,153.96	22.13	20.16	90.05	1,047.12	129.07	2,155.56	2,112.84	42.72	50.462		
8,100.00	7,153.28	7,877.23	7,153.20	22.77	20.86	90.05	1,046.25	29.08	2,155.45	2,111.32	44.13	48.839		
8,200.00	7,152.32	7,977.23	7,152.44	23.59	21.66	90.06	1,045.38	-70.91	2,155.35	2,109.59	45.76	47.105		
8,300.00	7,151.36	8,077.23	7,151.68	24.52	22.56	90.06	1,044.52	-170.91	2,155.24	2,107.68	47.56	45.315		
8,400.00	7,150.41	8,177.23	7,150.91	25.54	23.55	90.07	1,043.65	-270.90	2,155.13	2,105.60	49.53	43.511		
8,500.00	7,149.45	8,277.23	7,150.15	26.64	24.60	90.07	1,042.78	-370.89	2,155.03	2,103.38	51.64	41.729		
8,600.00	7,148.49	8,377.23	7,149.39	27.79	25.72	90.08	1,041.92	-470.89	2,154.92	2,101.04	53.88	39.992		
8,700.00	7,147.54	8,477.23	7,148.62	29.00	26.89	90.08	1,041.05	-570.88	2,154.81	2,098.58	56.24	38.318		
8,800.00	7,146.58	8,577.23	7,147.86	30.25	28.12	90.09	1,040.18	-670.87	2,154.71	2,096.02	58.69	36.716		
8,900.00	7,145.62	8,677.23	7,147.10	31.54	29.38	90.09	1,039.32	-770.87	2,154.60	2,093.38	61.22	35.193		
9,000.00	7,144.66	8,777.23	7,146.34	32.86	30.69	90.10	1,038.45	-870.86	2,154.49	2,090.66	63.83	33.752		
9,100.00	7,143.71	8,877.22	7,145.57	34.21	32.02	90.10	1,037.58	-970.85	2,154.39	2,087.87	66.51	32.391		
9,200.00	7,142.75	8,977.22	7,144.81	35.59	33.39	90.11	1,036.72	-1,070.85	2,154.28	2,085.03	69.25	31.109		
9,300.00	7,141.79	9,077.22	7,144.05	36.99	34.79	90.11	1,035.85	-1,170.84	2,154.17	2,082.13	72.04	29.903		
9,400.00	7,140.83	9,177.22	7,143.29	38.41	36.20	90.12	1,034.98	-1,270.83	2,154.07	2,079.19	74.88	28.769		
9,500.00	7,139.88	9,277.22	7,142.52	39.86	37.64	90.12	1,034.12	-1,370.82	2,153.96	2,076.21	77.75	27.703		
9,600.00	7,138.92	9,377.22	7,141.76	41.31	39.10	90.13	1,033.25	-1,470.82	2,153.85	2,073.19	80.67	26.701		
9,700.00	7,137.96	9,477.22	7,141.00	42.79	40.57	90.13	1,032.38	-1,570.81	2,153.75	2,070.13	83.61	25.758		
9,800.00	7,137.00	9,577.22	7,140.24	44.28	42.05	90.14	1,031.52	-1,670.80	2,153.64	2,067.05	86.59	24.872		
9,900.00	7,136.05	9,677.22	7,139.47	45.78	43.56	90.15	1,030.65	-1,770.80	2,153.54	2,063.94	89.59	24.037		
10,000.00	7,135.09	9,777.22	7,138.71	47.29	45.07	90.15	1,029.78	-1,870.79	2,153.43	2,060.81	92.62	23.251		
10,100.00	7,134.13	9,877.22	7,137.95	48.81	46.59	90.16	1,028.92	-1,970.78	2,153.32	2,057.66	95.67	22.509		
10,200.00	7,133.17	9,977.22	7,137.19	50.34	48.12	90.16	1,028.05	-2,070.78	2,153.22	2,054.48	98.73	21.808		
10,300.00	7,132.22	10,077.22	7,136.42	51.88	49.67	90.17	1,027.18	-2,170.77	2,153.11	2,051.29	101.82	21.146		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,131.26	10,177.22	7,135.66	53.43	51.22	90.17	1,026.32	-2,270.76	2,153.00	2,048.08	104.92	20.520		
10,500.00	7,130.30	10,277.22	7,134.90	54.98	52.77	90.18	1,025.45	-2,370.76	2,152.90	2,044.86	108.04	19.927		
10,600.00	7,129.34	10,377.22	7,134.14	56.55	54.34	90.18	1,024.58	-2,470.75	2,152.79	2,041.62	111.17	19.365		
10,700.00	7,128.39	10,477.22	7,133.37	58.11	55.91	90.19	1,023.72	-2,570.74	2,152.68	2,038.37	114.31	18.832		
10,800.00	7,127.43	10,577.22	7,132.61	59.69	57.49	90.19	1,022.85	-2,670.73	2,152.58	2,035.11	117.46	18.325		
10,900.00	7,126.47	10,677.22	7,131.85	61.26	59.07	90.20	1,021.98	-2,770.73	2,152.47	2,031.84	120.63	17.844		
11,000.00	7,125.51	10,777.22	7,131.09	62.85	60.66	90.20	1,021.12	-2,870.72	2,152.37	2,028.56	123.80	17.386		
11,100.00	7,124.56	10,877.22	7,130.32	64.44	62.25	90.21	1,020.25	-2,970.71	2,152.26	2,025.27	126.99	16.949		
11,200.00	7,123.60	10,977.22	7,129.56	66.03	63.84	90.21	1,019.38	-3,070.71	2,152.15	2,021.98	130.18	16.533		
11,300.00	7,122.64	11,077.22	7,128.80	67.62	65.44	90.22	1,018.52	-3,170.70	2,152.05	2,018.67	133.38	16.135		
11,400.00	7,121.68	11,177.22	7,128.03	69.22	67.05	90.22	1,017.65	-3,270.69	2,151.94	2,015.36	136.58	15.756		
11,500.00	7,120.73	11,277.22	7,127.27	70.83	68.65	90.23	1,016.78	-3,370.69	2,151.83	2,012.04	139.80	15.393		
11,600.00	7,119.77	11,377.22	7,126.51	72.43	70.26	90.23	1,015.92	-3,470.68	2,151.73	2,008.71	143.01	15.046		
11,700.00	7,118.81	11,477.22	7,125.75	74.04	71.87	90.24	1,015.05	-3,570.67	2,151.62	2,005.38	146.24	14.713		
11,800.00	7,117.85	11,577.22	7,124.98	75.65	73.49	90.24	1,014.18	-3,670.67	2,151.52	2,002.05	149.47	14.394		
11,900.00	7,116.90	11,677.22	7,124.22	77.27	75.11	90.25	1,013.32	-3,770.66	2,151.41	1,998.71	152.71	14.089		
12,000.00	7,115.94	11,777.22	7,123.46	78.88	76.73	90.25	1,012.45	-3,870.65	2,151.30	1,995.36	155.95	13.795		
12,100.00	7,114.98	11,877.22	7,122.70	80.50	78.35	90.26	1,011.58	-3,970.64	2,151.20	1,992.01	159.19	13.513		
12,200.00	7,114.02	11,977.22	7,121.93	82.12	79.97	90.26	1,010.72	-4,070.64	2,151.09	1,988.65	162.44	13.242		
12,300.00	7,113.07	12,077.22	7,121.17	83.75	81.60	90.27	1,009.85	-4,170.63	2,150.99	1,985.29	165.69	12.982		
12,400.00	7,112.11	12,177.22	7,120.41	85.37	83.23	90.27	1,008.98	-4,270.62	2,150.88	1,981.93	168.95	12.731		
12,500.00	7,111.15	12,277.22	7,119.65	87.00	84.86	90.28	1,008.12	-4,370.62	2,150.77	1,978.57	172.21	12.489		
12,600.00	7,110.19	12,377.22	7,118.88	88.63	86.49	90.29	1,007.25	-4,470.61	2,150.67	1,975.20	175.47	12.256		
12,700.00	7,109.24	12,477.22	7,118.12	90.26	88.12	90.29	1,006.38	-4,570.60	2,150.56	1,971.82	178.74	12.032		
12,800.00	7,108.28	12,577.22	7,117.36	91.89	89.76	90.30	1,005.52	-4,670.60	2,150.46	1,968.45	182.01	11.815		
12,900.00	7,107.32	12,677.22	7,116.60	93.52	91.40	90.30	1,004.65	-4,770.59	2,150.35	1,965.07	185.28	11.606		
13,000.00	7,106.36	12,777.22	7,115.83	95.16	93.03	90.31	1,003.78	-4,870.58	2,150.25	1,961.69	188.56	11.404		
13,100.00	7,105.41	12,877.22	7,115.07	96.80	94.67	90.31	1,002.92	-4,970.58	2,150.14	1,958.30	191.83	11.208		
13,200.00	7,104.45	12,977.21	7,114.31	98.43	96.31	90.32	1,002.05	-5,070.57	2,150.03	1,954.92	195.11	11.019		
13,300.00	7,103.49	13,077.21	7,113.55	100.07	97.95	90.32	1,001.18	-5,170.56	2,149.93	1,951.53	198.40	10.837		
13,400.00	7,102.53	13,177.21	7,112.78	101.71	99.60	90.33	1,000.32	-5,270.55	2,149.82	1,948.14	201.68	10.660		
13,500.00	7,101.58	13,277.21	7,112.02	103.35	101.24	90.33	999.45	-5,370.55	2,149.72	1,944.75	204.97	10.488		
13,600.00	7,100.62	13,377.21	7,111.26	104.99	102.88	90.34	998.58	-5,470.54	2,149.61	1,941.35	208.26	10.322		
13,700.00	7,099.66	13,477.21	7,110.49	106.64	104.53	90.34	997.72	-5,570.53	2,149.50	1,937.96	211.55	10.161		
13,800.00	7,098.70	13,577.21	7,109.73	108.28	106.18	90.35	996.85	-5,670.53	2,149.40	1,934.56	214.84	10.005		
13,900.00	7,097.75	13,677.21	7,108.97	109.92	107.82	90.35	995.98	-5,770.52	2,149.29	1,931.16	218.13	9.853		
14,000.00	7,096.79	13,777.21	7,108.21	111.57	109.47	90.36	995.12	-5,870.51	2,149.19	1,927.76	221.43	9.706		
14,100.00	7,095.83	13,877.21	7,107.44	113.22	111.12	90.36	994.25	-5,970.51	2,149.08	1,924.36	224.73	9.563		
14,200.00	7,094.87	13,977.21	7,106.68	114.86	112.77	90.37	993.38	-6,070.50	2,148.98	1,920.95	228.02	9.424		
14,300.00	7,093.92	14,077.21	7,105.92	116.51	114.42	90.37	992.52	-6,170.49	2,148.87	1,917.55	231.32	9.289		
14,400.00	7,092.96	14,177.21	7,105.16	118.16	116.07	90.38	991.65	-6,270.49	2,148.77	1,914.14	234.62	9.158		
14,500.00	7,092.00	14,277.21	7,104.39	119.81	117.72	90.38	990.78	-6,370.48	2,148.66	1,910.73	237.93	9.031		
14,600.00	7,091.04	14,377.21	7,103.63	121.46	119.37	90.39	989.92	-6,470.47	2,148.55	1,907.32	241.23	8.907		
14,700.00	7,090.09	14,477.21	7,102.87	123.11	121.03	90.39	989.05	-6,570.47	2,148.45	1,903.91	244.54	8.786		
14,800.00	7,089.13	14,577.21	7,102.11	124.76	122.68	90.40	988.18	-6,670.46	2,148.34	1,900.50	247.84	8.668		
14,900.00	7,088.17	14,677.21	7,101.34	126.41	124.33	90.41	987.32	-6,770.45	2,148.24	1,897.09	251.15	8.554		
15,000.00	7,087.21	14,777.21	7,100.58	128.07	125.99	90.41	986.45	-6,870.44	2,148.13	1,893.67	254.46	8.442		
15,100.00	7,086.26	14,877.21	7,099.82	129.72	127.64	90.42	985.58	-6,970.44	2,148.03	1,890.26	257.77	8.333		
15,200.00	7,085.30	14,977.21	7,099.06	131.37	129.30	90.42	984.72	-7,070.43	2,147.92	1,886.84	261.08	8.227		
15,300.00	7,084.34	15,077.21	7,098.29	133.03	130.95	90.43	983.85	-7,170.42	2,147.82	1,883.43	264.39	8.124		
15,314.42	7,084.20	15,091.63	7,098.18	133.27	131.19	90.43	983.73	-7,184.85	2,147.80	1,882.93	264.87	8.109		
15,331.10	7,084.04	15,084.51	7,098.24	133.54	131.08	90.43	983.79	-7,177.73	2,147.91	1,882.92	265.00	8.105 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	-4.64	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
200.34	200.34	201.66	198.34	3.31	3.31	-4.64	219.31	-17.79	220.03	212.46	7.57	29.049	
300.00	300.00	296.43	296.43	3.35	3.35	-137.05	219.50	-17.47	220.66	213.01	7.66	28.814	
400.00	399.92	393.04	392.98	3.41	3.41	-136.90	221.13	-14.72	224.92	217.14	7.78	28.918	
500.00	499.64	489.29	489.02	3.49	3.50	-136.56	224.40	-9.20	233.20	225.26	7.94	29.355	
600.00	599.05	584.96	584.20	3.60	3.60	-136.04	229.28	-0.97	245.49	237.33	8.16	30.087	
700.00	698.03	679.81	678.20	3.74	3.73	-135.39	235.72	9.89	261.75	253.32	8.43	31.063	
800.00	796.44	774.07	771.16	3.93	3.89	-134.65	243.67	23.32	281.94	273.19	8.75	32.221	
900.00	894.18	871.34	866.86	4.16	4.08	-134.17	252.52	38.25	305.13	295.98	9.14	33.370	
1,000.00	991.29	968.13	962.10	4.45	4.30	-134.27	261.33	53.11	330.21	320.62	9.59	34.431	
1,100.00	1,088.34	1,064.88	1,057.30	4.77	4.54	-134.50	270.13	67.96	355.46	345.39	10.07	35.291	
1,200.00	1,185.40	1,161.63	1,152.50	5.11	4.79	-134.70	278.93	82.82	380.71	370.12	10.59	35.946	
1,300.00	1,282.45	1,258.38	1,247.69	5.48	5.06	-134.88	287.73	97.67	405.97	394.83	11.14	36.436	
1,400.00	1,379.51	1,355.13	1,342.89	5.87	5.35	-135.04	296.54	112.53	431.24	419.52	11.72	36.800	
1,500.00	1,476.56	1,451.88	1,438.09	6.27	5.64	-135.17	305.34	127.38	456.50	444.18	12.32	37.059	
1,600.00	1,573.62	1,548.63	1,533.29	6.68	5.94	-135.30	314.14	142.23	481.77	468.83	12.94	37.240	
1,700.00	1,670.67	1,645.38	1,628.48	7.10	6.25	-135.41	322.94	157.09	507.04	493.46	13.57	37.360	
1,800.00	1,767.73	1,742.13	1,723.68	7.53	6.57	-135.51	331.74	171.94	532.31	518.09	14.22	37.433	
1,900.00	1,864.78	1,838.89	1,818.88	7.77	6.83	-135.60	340.55	186.79	557.58	543.29	14.29	39.008	
2,000.00	1,961.84	1,935.64	1,914.07	7.83	6.96	-135.69	349.35	201.65	582.85	568.40	14.45	40.324	
2,100.00	2,058.89	2,032.39	2,009.27	7.91	7.00	-135.76	358.15	216.50	608.13	593.57	14.55	41.787	
2,200.00	2,155.95	2,129.14	2,104.47	8.01	7.06	-135.83	366.95	231.36	633.40	618.72	14.68	43.133	
2,300.00	2,253.00	2,225.89	2,199.67	8.13	7.14	-135.90	375.75	246.21	658.68	643.83	14.85	44.360	
2,400.00	2,350.06	2,322.64	2,294.86	8.26	7.22	-135.96	384.56	261.06	683.95	668.91	15.04	45.467	
2,500.00	2,447.11	2,419.39	2,390.06	8.42	7.33	-136.02	393.36	275.92	709.23	693.97	15.27	46.456	
2,600.00	2,544.17	2,516.14	2,485.26	8.59	7.44	-136.07	402.16	290.77	734.51	718.99	15.52	47.330	
2,700.00	2,641.22	2,612.89	2,580.45	8.77	7.57	-136.12	410.96	305.63	759.79	743.99	15.80	48.093	
2,800.00	2,738.28	2,709.64	2,675.65	8.98	7.71	-136.16	419.76	320.48	785.07	768.97	16.10	48.754	
2,900.00	2,835.33	2,806.39	2,770.85	9.19	7.86	-136.21	428.57	335.33	810.35	793.92	16.43	49.318	
3,000.00	2,932.39	2,903.14	2,866.05	9.42	8.02	-136.25	437.37	350.19	835.63	818.85	16.78	49.794	
3,100.00	3,029.44	2,999.89	2,961.24	9.66	8.19	-136.28	446.17	365.04	860.91	843.75	17.15	50.187	
3,200.00	3,126.50	3,103.36	3,056.44	9.91	8.38	-136.32	454.97	379.89	886.19	868.63	17.56	50.469	
3,300.00	3,223.55	3,206.61	3,151.64	10.17	8.59	-136.35	463.77	394.75	911.47	893.49	17.98	50.686	
3,400.00	3,320.61	3,290.14	3,246.83	10.44	8.76	-136.39	472.58	409.60	936.75	918.37	18.38	50.955	
3,500.00	3,417.66	3,386.89	3,342.03	10.72	8.96	-136.42	481.38	424.46	962.03	943.21	18.83	51.099	
3,600.00	3,514.71	3,483.64	3,437.23	11.00	9.18	-136.45	490.18	439.31	987.31	968.03	19.28	51.196	
3,700.00	3,611.77	3,580.39	3,532.43	11.30	9.40	-136.47	498.98	454.16	1,012.60	992.84	19.76	51.254	
3,800.00	3,708.82	3,677.14	3,627.62	11.60	9.62	-136.50	507.79	469.02	1,037.88	1,017.64	20.24	51.276	
3,900.00	3,805.88	3,773.89	3,722.82	11.90	9.85	-136.52	516.59	483.87	1,063.16	1,042.42	20.74	51.269	
4,000.00	3,902.93	3,870.64	3,818.02	12.22	10.09	-136.55	525.39	498.73	1,088.44	1,067.20	21.24	51.235	
4,100.00	3,999.99	3,967.39	3,913.21	12.54	10.33	-136.57	534.19	513.58	1,113.73	1,091.96	21.76	51.179	
4,200.00	4,097.04	4,064.14	4,008.41	12.86	10.58	-136.59	542.99	528.43	1,139.01	1,116.72	22.29	51.103	
4,300.00	4,194.10	4,160.89	4,103.61	13.19	10.83	-136.61	551.80	543.29	1,164.29	1,141.47	22.82	51.012	
4,400.00	4,291.15	4,257.64	4,198.81	13.52	11.08	-136.63	560.60	558.14	1,189.58	1,166.21	23.37	50.906	
4,500.00	4,388.21	4,354.39	4,294.00	13.86	11.34	-136.65	569.40	572.99	1,214.86	1,190.94	23.92	50.790	
4,600.00	4,485.26	4,451.14	4,389.20	14.20	11.60	-136.67	578.20	587.85	1,240.14	1,215.66	24.48	50.664	
4,700.00	4,582.32	4,547.89	4,484.40	14.54	11.87	-136.69	587.00	602.70	1,265.43	1,240.38	25.04	50.530	
4,800.00	4,679.37	4,644.64	4,579.59	14.89	12.13	-136.70	595.81	617.56	1,290.71	1,265.09	25.61	50.390	
4,900.00	4,776.43	4,741.39	4,674.79	15.24	12.40	-136.72	604.61	632.41	1,315.99	1,289.80	26.19	50.245	
5,000.00	4,873.48	4,838.14	4,769.99	15.59	12.68	-136.73	613.41	647.26	1,341.28	1,314.50	26.77	50.096	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
5,100.00	4,970.54	4,934.89	4,865.19	15.94	12.95	-136.75	622.21	662.12	1,366.56	1,339.20	27.36	49.944		
5,200.00	5,067.59	5,031.64	4,960.38	16.30	13.23	-136.76	631.01	676.97	1,391.84	1,363.89	27.95	49.790		
5,300.00	5,164.65	5,128.39	5,055.58	16.66	13.51	-136.78	639.82	691.83	1,417.13	1,388.58	28.55	49.634		
5,400.00	5,261.70	5,225.14	5,150.78	17.02	13.80	-136.79	648.62	706.68	1,442.41	1,413.26	29.15	49.478		
5,500.00	5,358.76	5,321.89	5,245.97	17.39	14.08	-136.80	657.42	721.53	1,467.70	1,437.94	29.76	49.322		
5,600.00	5,455.81	5,418.64	5,341.17	17.75	14.37	-136.82	666.22	736.39	1,492.98	1,462.61	30.37	49.166		
5,700.00	5,552.87	5,515.39	5,436.37	18.12	14.66	-136.83	675.02	751.24	1,518.27	1,487.29	30.98	49.011		
5,800.00	5,649.92	5,612.14	5,531.57	18.49	14.95	-136.84	683.83	766.09	1,543.55	1,511.96	31.59	48.856		
5,900.00	5,746.98	5,708.89	5,626.76	18.86	15.24	-136.85	692.63	780.95	1,568.83	1,536.62	32.21	48.703		
6,000.00	5,844.03	5,805.65	5,721.96	19.24	15.53	-136.86	701.43	795.80	1,594.12	1,561.28	32.83	48.551		
6,100.00	5,941.09	5,902.40	5,817.16	19.61	15.83	-136.87	710.23	810.66	1,619.40	1,585.94	33.46	48.400		
6,200.00	6,038.14	5,999.15	5,912.35	19.98	16.12	-136.88	719.03	825.51	1,644.69	1,610.60	34.09	48.252		
6,300.00	6,135.20	6,104.10	6,007.55	20.36	16.45	-136.89	727.84	840.36	1,669.97	1,635.23	34.74	48.070		
6,400.00	6,232.25	6,207.35	6,102.75	20.74	16.76	-136.90	736.64	855.22	1,695.26	1,659.87	35.39	47.899		
6,500.00	6,329.31	6,289.40	6,197.95	21.12	17.02	-136.91	745.44	870.07	1,720.54	1,684.56	35.98	47.818		
6,600.00	6,426.37	6,386.15	6,293.14	21.49	17.32	-139.19	754.24	884.93	1,745.82	1,709.21	36.61	47.681		
6,700.00	6,524.50	6,482.55	6,388.00	21.72	17.62	177.28	763.01	899.73	1,770.52	1,733.36	37.16	47.646		
6,800.00	6,622.76	6,576.64	6,480.58	21.88	17.91	131.92	771.57	914.17	1,793.99	1,756.34	37.64	47.657		
6,900.00	6,718.71	6,654.77	6,557.85	21.97	18.10	111.39	778.69	922.85	1,816.48	1,778.54	37.94	47.872		
7,000.00	6,810.00	6,733.14	6,635.85	22.01	18.24	101.83	785.80	922.07	1,838.28	1,800.13	38.14	48.192		
7,100.00	6,894.37	6,815.00	6,716.57	22.00	18.35	96.52	793.07	911.00	1,859.00	1,820.72	38.28	48.559		
7,200.00	6,969.76	6,901.42	6,799.52	21.96	18.42	93.29	800.46	888.14	1,878.30	1,839.92	38.38	48.935		
7,300.00	7,034.30	6,993.77	6,883.87	21.89	18.44	91.31	807.86	851.50	1,895.82	1,857.34	38.47	49.279		
7,400.00	7,086.41	7,093.73	6,968.20	21.80	18.44	90.22	815.13	798.51	1,911.16	1,872.58	38.58	49.535		
7,500.00	7,124.80	7,203.36	7,049.94	21.71	18.41	89.85	822.01	725.99	1,923.95	1,885.19	38.76	49.642		
7,600.00	7,148.53	7,324.98	7,124.65	21.62	18.42	90.10	828.07	630.45	1,933.70	1,894.64	39.06	49.511		
7,700.00	7,157.02	7,460.80	7,185.04	21.55	18.54	90.91	832.61	509.16	1,939.88	1,900.33	39.56	49.043		
7,800.00	7,156.15	7,613.81	7,220.71	21.56	18.92	91.96	834.69	360.75	1,942.71	1,902.35	40.37	48.126		
7,900.00	7,155.19	7,744.18	7,224.64	21.72	19.48	92.11	834.01	230.56	1,943.00	1,901.57	41.44	46.891		
8,000.00	7,154.24	7,844.18	7,223.93	22.13	20.06	92.12	833.15	130.57	1,942.91	1,900.27	42.65	45.559		
8,100.00	7,153.28	7,944.18	7,223.23	22.77	20.76	92.12	832.29	30.57	1,942.82	1,898.74	44.08	44.074		
8,200.00	7,152.32	8,044.18	7,222.52	23.59	21.57	92.13	831.43	-69.42	1,942.73	1,897.01	45.72	42.493		
8,300.00	7,151.36	8,144.18	7,221.81	24.52	22.47	92.14	830.57	-169.41	1,942.64	1,895.10	47.54	40.864		
8,400.00	7,150.41	8,244.18	7,221.11	25.54	23.46	92.15	829.71	-269.41	1,942.55	1,893.03	49.52	39.227		
8,500.00	7,149.45	8,344.18	7,220.40	26.64	24.52	92.15	828.85	-369.40	1,942.46	1,890.81	51.65	37.611		
8,600.00	7,148.49	8,444.17	7,219.69	27.79	25.64	92.16	827.99	-469.39	1,942.37	1,888.47	53.90	36.038		
8,700.00	7,147.54	8,544.17	7,218.99	29.00	26.82	92.17	827.13	-569.39	1,942.28	1,886.02	56.26	34.524		
8,800.00	7,146.58	8,644.17	7,218.28	30.25	28.05	92.18	826.27	-669.38	1,942.19	1,883.47	58.72	33.077		
8,900.00	7,145.62	8,744.17	7,217.58	31.54	29.33	92.18	825.41	-769.37	1,942.10	1,880.84	61.26	31.702		
9,000.00	7,144.66	8,844.17	7,216.87	32.86	30.64	92.19	824.55	-869.37	1,942.01	1,878.13	63.88	30.401		
9,100.00	7,143.71	8,944.17	7,216.16	34.21	31.98	92.20	823.69	-969.36	1,941.92	1,875.35	66.56	29.174		
9,200.00	7,142.75	9,044.17	7,215.46	35.59	33.35	92.21	822.83	-1,069.35	1,941.83	1,872.52	69.31	28.018		
9,300.00	7,141.79	9,144.17	7,214.75	36.99	34.75	92.21	821.97	-1,169.35	1,941.74	1,869.64	72.10	26.931		
9,400.00	7,140.83	9,244.17	7,214.04	38.41	36.18	92.22	821.11	-1,269.34	1,941.65	1,866.71	74.94	25.910		
9,500.00	7,139.88	9,344.17	7,213.34	39.86	37.62	92.23	820.25	-1,369.33	1,941.56	1,863.74	77.82	24.950		
9,600.00	7,138.92	9,444.17	7,212.63	41.31	39.08	92.24	819.39	-1,469.33	1,941.47	1,860.73	80.74	24.047		
9,700.00	7,137.96	9,544.17	7,211.92	42.79	40.56	92.24	818.53	-1,569.32	1,941.38	1,857.69	83.68	23.199		
9,800.00	7,137.00	9,644.17	7,211.22	44.28	42.05	92.25	817.67	-1,669.31	1,941.29	1,854.62	86.66	22.401		
9,900.00	7,136.05	9,744.17	7,210.51	45.78	43.56	92.26	816.81	-1,769.31	1,941.20	1,851.53	89.67	21.649		
10,000.00	7,135.09	9,844.17	7,209.80	47.29	45.07	92.27	815.96	-1,869.30	1,941.11	1,848.41	92.69	20.941		
10,100.00	7,134.13	9,944.17	7,209.10	48.81	46.60	92.27	815.10	-1,969.29	1,941.02	1,845.27	95.74	20.274		
10,200.00	7,133.17	10,044.17	7,208.39	50.34	48.14	92.28	814.24	-2,069.29	1,940.93	1,842.12	98.81	19.643		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,300.00	7,132.22	10,144.17	7,207.68	51.88	49.69	92.29	813.38	-2,169.28	1,940.84	1,838.94	101.89	19.048		
10,400.00	7,131.26	10,244.17	7,206.98	53.43	51.24	92.30	812.52	-2,269.27	1,940.75	1,835.75	105.00	18.484		
10,500.00	7,130.30	10,344.17	7,206.27	54.98	52.80	92.30	811.66	-2,369.27	1,940.66	1,832.54	108.11	17.950		
10,600.00	7,129.34	10,444.17	7,205.56	56.55	54.37	92.31	810.80	-2,469.26	1,940.57	1,829.33	111.24	17.445		
10,700.00	7,128.39	10,544.17	7,204.86	58.11	55.94	92.32	809.94	-2,569.26	1,940.48	1,826.09	114.38	16.965		
10,800.00	7,127.43	10,644.17	7,204.15	59.69	57.52	92.33	809.08	-2,669.25	1,940.39	1,822.85	117.54	16.509		
10,900.00	7,126.47	10,744.17	7,203.45	61.26	59.11	92.33	808.22	-2,769.24	1,940.30	1,819.60	120.70	16.076		
11,000.00	7,125.51	10,844.17	7,202.74	62.85	60.70	92.34	807.36	-2,869.24	1,940.21	1,816.34	123.87	15.663		
11,100.00	7,124.56	10,944.17	7,202.03	64.44	62.29	92.35	806.50	-2,969.23	1,940.12	1,813.06	127.05	15.270		
11,200.00	7,123.60	11,044.17	7,201.33	66.03	63.89	92.36	805.64	-3,069.22	1,940.03	1,809.79	130.24	14.895		
11,300.00	7,122.64	11,144.16	7,200.62	67.62	65.49	92.36	804.78	-3,169.22	1,939.94	1,806.50	133.44	14.538		
11,400.00	7,121.68	11,244.16	7,199.91	69.22	67.10	92.37	803.92	-3,269.21	1,939.85	1,803.20	136.65	14.196		
11,500.00	7,120.73	11,344.16	7,199.21	70.83	68.71	92.38	803.06	-3,369.20	1,939.76	1,799.90	139.86	13.870		
11,600.00	7,119.77	11,444.16	7,198.50	72.43	70.32	92.39	802.20	-3,469.20	1,939.67	1,796.60	143.07	13.557		
11,700.00	7,118.81	11,544.16	7,197.79	74.04	71.94	92.39	801.34	-3,569.19	1,939.58	1,793.29	146.30	13.258		
11,800.00	7,117.85	11,644.16	7,197.09	75.65	73.55	92.40	800.48	-3,669.18	1,939.49	1,789.97	149.52	12.971		
11,900.00	7,116.90	11,744.16	7,196.38	77.27	75.17	92.41	799.62	-3,769.18	1,939.40	1,786.64	152.76	12.696		
12,000.00	7,115.94	11,844.16	7,195.67	78.88	76.79	92.42	798.76	-3,869.17	1,939.31	1,783.32	156.00	12.432		
12,100.00	7,114.98	11,944.16	7,194.97	80.50	78.42	92.42	797.90	-3,969.16	1,939.22	1,779.99	159.24	12.178		
12,200.00	7,114.02	12,044.16	7,194.26	82.12	80.05	92.43	797.04	-4,069.16	1,939.13	1,776.65	162.48	11.934		
12,300.00	7,113.07	12,144.16	7,193.55	83.75	81.67	92.44	796.18	-4,169.15	1,939.05	1,773.31	165.73	11.700		
12,400.00	7,112.11	12,244.16	7,192.85	85.37	83.30	92.45	795.32	-4,269.14	1,938.96	1,769.97	168.99	11.474		
12,500.00	7,111.15	12,344.16	7,192.14	87.00	84.94	92.45	794.46	-4,369.14	1,938.87	1,766.62	172.25	11.256		
12,600.00	7,110.19	12,444.16	7,191.44	88.63	86.57	92.46	793.60	-4,469.13	1,938.78	1,763.27	175.51	11.047		
12,700.00	7,109.24	12,544.16	7,190.73	90.26	88.20	92.47	792.74	-4,569.12	1,938.69	1,759.92	178.77	10.845		
12,800.00	7,108.28	12,644.16	7,190.02	91.89	89.84	92.48	791.88	-4,669.12	1,938.60	1,756.56	182.04	10.649		
12,900.00	7,107.32	12,744.16	7,189.32	93.52	91.48	92.48	791.02	-4,769.11	1,938.51	1,753.20	185.31	10.461		
13,000.00	7,106.36	12,844.16	7,188.61	95.16	93.12	92.49	790.16	-4,869.10	1,938.42	1,749.84	188.58	10.279		
13,100.00	7,105.41	12,944.16	7,187.90	96.80	94.76	92.50	789.30	-4,969.10	1,938.33	1,746.48	191.85	10.103		
13,200.00	7,104.45	13,044.16	7,187.20	98.43	96.40	92.51	788.44	-5,069.09	1,938.24	1,743.11	195.13	9.933		
13,300.00	7,103.49	13,144.16	7,186.49	100.07	98.04	92.51	787.59	-5,169.08	1,938.16	1,739.75	198.41	9.768		
13,400.00	7,102.53	13,244.16	7,185.78	101.71	99.69	92.52	786.73	-5,269.08	1,938.07	1,736.38	201.69	9.609		
13,500.00	7,101.58	13,344.16	7,185.08	103.35	101.33	92.53	785.87	-5,369.07	1,937.98	1,733.00	204.97	9.455		
13,600.00	7,100.62	13,444.16	7,184.37	104.99	102.98	92.54	785.01	-5,469.07	1,937.89	1,729.63	208.26	9.305		
13,700.00	7,099.66	13,544.16	7,183.66	106.64	104.62	92.54	784.15	-5,569.06	1,937.80	1,726.25	211.55	9.160		
13,800.00	7,098.70	13,644.16	7,182.96	108.28	106.27	92.55	783.29	-5,669.05	1,937.71	1,722.88	214.83	9.020		
13,900.00	7,097.75	13,744.16	7,182.25	109.92	107.92	92.56	782.43	-5,769.05	1,937.62	1,719.50	218.12	8.883		
14,000.00	7,096.79	13,844.16	7,181.54	111.57	109.57	92.57	781.57	-5,869.04	1,937.53	1,716.12	221.42	8.751		
14,100.00	7,095.83	13,944.15	7,180.84	113.22	111.22	92.57	780.71	-5,969.03	1,937.45	1,712.74	224.71	8.622		
14,200.00	7,094.87	14,044.15	7,180.13	114.86	112.87	92.58	779.85	-6,069.03	1,937.36	1,709.35	228.00	8.497		
14,300.00	7,093.92	14,144.15	7,179.42	116.51	114.52	92.59	778.99	-6,169.02	1,937.27	1,705.97	231.30	8.376		
14,400.00	7,092.96	14,244.15	7,178.72	118.16	116.17	92.60	778.13	-6,269.01	1,937.18	1,702.58	234.60	8.257		
14,500.00	7,092.00	14,344.15	7,178.01	119.81	117.82	92.60	777.27	-6,369.01	1,937.09	1,699.19	237.90	8.143		
14,600.00	7,091.04	14,444.15	7,177.31	121.46	119.47	92.61	776.41	-6,469.00	1,937.00	1,695.81	241.20	8.031		
14,700.00	7,090.09	14,544.15	7,176.60	123.11	121.13	92.62	775.55	-6,568.99	1,936.91	1,692.42	244.50	7.922		
14,800.00	7,089.13	14,644.15	7,175.89	124.76	122.78	92.63	774.69	-6,668.99	1,936.83	1,689.03	247.80	7.816		
14,900.00	7,088.17	14,744.15	7,175.19	126.41	124.44	92.63	773.83	-6,768.98	1,936.74	1,685.63	251.10	7.713		
15,000.00	7,087.21	14,844.15	7,174.48	128.07	126.09	92.64	772.97	-6,868.97	1,936.65	1,682.24	254.41	7.612		
15,100.00	7,086.26	14,944.15	7,173.77	129.72	127.75	92.65	772.11	-6,968.97	1,936.56	1,678.85	257.71	7.514		
15,200.00	7,085.30	15,044.15	7,173.07	131.37	129.40	92.66	771.25	-7,068.96	1,936.47	1,675.45	261.02	7.419		
15,300.00	7,084.34	15,144.15	7,172.36	133.03	131.06	92.67	770.39	-7,168.95	1,936.39	1,672.06	264.32	7.326		
15,314.69	7,084.20	15,158.84	7,172.26	133.27	131.30	92.67	770.26	-7,183.64	1,936.37	1,671.56	264.81	7.312		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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
15,331.10	7,084.04	15,153.54	7,172.29	133.54	131.22	92.67	770.31	-7,178.34	1,936.48	1,671.52	264.95	7.309 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	-4.67	139.53	-11.40	139.99						
100.00	100.00	101.00	99.00	3.28	3.28	-4.67	139.53	-11.40	139.99	132.47	7.53	18.594			
200.00	200.00	199.00	199.00	3.31	3.30	-4.67	139.53	-11.40	139.99	132.42	7.57	18.485 CC			
200.03	200.03	199.03	199.03	3.31	3.30	-4.67	139.53	-11.40	139.99	132.42	7.57	18.485 ES			
300.00	300.00	298.86	298.84	3.35	3.35	-136.54	139.71	-9.70	140.50	132.84	7.66	18.347			
400.00	399.92	398.58	398.42	3.41	3.41	-135.49	140.25	-4.56	143.48	135.70	7.78	18.443			
500.00	499.64	498.04	497.50	3.49	3.50	-134.06	141.15	4.01	149.18	141.23	7.95	18.761			
600.00	599.05	597.13	595.86	3.60	3.62	-132.37	142.40	15.93	157.65	149.47	8.18	19.275			
700.00	698.03	704.13	693.41	3.74	3.78	-130.56	144.00	31.11	168.93	160.45	8.48	19.912			
800.00	796.44	805.12	791.05	3.93	3.97	-129.41	145.71	47.41	182.69	173.85	8.85	20.654			
900.00	894.18	906.41	888.40	4.16	4.19	-129.16	147.42	63.67	198.67	189.40	9.27	21.432			
1,000.00	991.29	1,008.02	985.43	4.45	4.43	-129.63	149.12	79.87	216.40	206.64	9.75	22.191			
1,100.00	1,088.34	1,109.66	1,082.44	4.77	4.69	-130.16	150.82	96.06	234.29	224.02	10.27	22.808			
1,200.00	1,185.40	1,188.71	1,179.44	5.11	4.90	-130.62	152.53	112.26	252.21	241.44	10.77	23.422			
1,300.00	1,282.45	1,287.07	1,276.45	5.48	5.18	-131.02	154.23	128.46	270.14	258.79	11.34	23.812			
1,400.00	1,379.51	1,385.43	1,373.46	5.87	5.46	-131.37	155.93	144.65	288.08	276.13	11.95	24.114			
1,500.00	1,476.56	1,483.80	1,470.46	6.27	5.76	-131.68	157.63	160.85	306.03	293.46	12.57	24.346			
1,600.00	1,573.62	1,582.16	1,567.47	6.68	6.06	-131.95	159.34	177.05	323.98	310.77	13.21	24.523			
1,700.00	1,670.67	1,680.53	1,664.47	7.10	6.38	-132.19	161.04	193.24	341.95	328.08	13.87	24.657			
1,800.00	1,767.73	1,778.89	1,761.48	7.53	6.69	-132.41	162.74	209.44	359.92	345.38	14.54	24.757			
1,900.00	1,864.78	1,877.25	1,858.49	7.77	6.90	-132.61	164.44	225.63	377.89	363.33	14.56	25.951			
2,000.00	1,961.84	1,975.62	1,955.49	7.83	6.97	-132.79	166.14	241.83	395.87	381.20	14.67	26.986			
2,100.00	2,058.89	2,073.98	2,052.50	7.91	7.02	-132.96	167.85	258.03	413.85	399.07	14.77	28.010			
2,200.00	2,155.95	2,172.34	2,149.50	8.01	7.08	-133.11	169.55	274.22	431.83	416.92	14.91	28.955			
2,300.00	2,253.00	2,270.71	2,246.51	8.13	7.16	-133.25	171.25	290.42	449.82	434.73	15.09	29.818			
2,400.00	2,350.06	2,369.07	2,343.52	8.26	7.25	-133.38	172.95	306.62	467.81	452.52	15.29	30.600			
2,500.00	2,447.11	2,467.43	2,440.52	8.42	7.36	-133.50	174.66	322.81	485.80	470.28	15.52	31.301			
2,600.00	2,544.17	2,565.80	2,537.53	8.59	7.48	-133.61	176.36	339.01	503.79	488.01	15.78	31.924			
2,700.00	2,641.22	2,664.16	2,634.53	8.77	7.61	-133.71	178.06	355.20	521.78	505.72	16.07	32.473			
2,800.00	2,738.28	2,762.52	2,731.54	8.98	7.76	-133.81	179.76	371.40	539.78	523.40	16.38	32.951			
2,900.00	2,835.33	2,860.89	2,828.55	9.19	7.91	-133.90	181.47	387.60	557.78	541.06	16.72	33.364			
3,000.00	2,932.39	2,959.25	2,925.55	9.42	8.08	-133.98	183.17	403.79	575.78	558.70	17.08	33.716			
3,100.00	3,029.44	3,057.61	3,022.56	9.66	8.25	-134.06	184.87	419.99	593.78	576.32	17.46	34.013			
3,200.00	3,126.50	3,155.98	3,119.56	9.91	8.43	-134.14	186.57	436.19	611.78	593.92	17.86	34.259			
3,300.00	3,223.55	3,254.34	3,216.57	10.17	8.63	-134.21	188.27	452.38	629.78	611.50	18.28	34.460			
3,400.00	3,320.61	3,352.70	3,313.58	10.44	8.83	-134.27	189.98	468.58	647.78	629.07	18.71	34.621			
3,500.00	3,417.66	3,451.07	3,410.58	10.72	9.04	-134.34	191.68	484.77	665.78	646.62	19.16	34.746			
3,600.00	3,514.71	3,549.43	3,507.59	11.00	9.25	-134.39	193.38	500.97	683.79	664.16	19.63	34.839			
3,700.00	3,611.77	3,647.80	3,604.59	11.30	9.48	-134.45	195.08	517.17	701.79	681.69	20.11	34.905			
3,800.00	3,708.82	3,746.16	3,701.60	11.60	9.70	-134.50	196.79	533.36	719.80	699.20	20.60	34.946			
3,900.00	3,805.88	3,844.52	3,798.61	11.90	9.94	-134.56	198.49	549.56	737.80	716.70	21.10	34.965			
4,000.00	3,902.93	3,942.89	3,895.61	12.22	10.18	-134.60	200.19	565.75	755.81	734.20	21.62	34.966			
4,100.00	3,999.99	4,041.25	3,992.62	12.54	10.42	-134.65	201.89	581.95	773.82	751.68	22.14	34.951			
4,200.00	4,097.04	4,139.61	4,089.62	12.86	10.67	-134.69	203.60	598.15	791.83	769.15	22.67	34.922			
4,300.00	4,194.10	4,237.98	4,186.63	13.19	10.92	-134.74	205.30	614.34	809.83	786.62	23.22	34.882			
4,400.00	4,291.15	4,336.34	4,283.64	13.52	11.18	-134.78	207.00	630.54	827.84	804.07	23.77	34.831			
4,500.00	4,388.21	4,434.70	4,380.64	13.86	11.44	-134.82	208.70	646.74	845.85	821.53	24.33	34.772			
4,600.00	4,485.26	4,533.07	4,477.65	14.20	11.71	-134.85	210.40	662.93	863.86	838.97	24.89	34.706			
4,700.00	4,582.32	4,631.43	4,574.65	14.54	11.97	-134.89	212.11	679.13	881.87	856.41	25.46	34.634			
4,800.00	4,679.37	4,729.79	4,671.66	14.89	12.25	-134.92	213.81	695.32	899.88	873.84	26.04	34.557			
4,900.00	4,776.43	4,828.16	4,768.67	15.24	12.52	-134.96	215.51	711.52	917.89	891.26	26.62	34.476			
5,000.00	4,873.48	4,926.52	4,865.67	15.59	12.80	-134.99	217.21	727.72	935.90	908.69	27.21	34.392			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
5,100.00	4,970.54	5,024.88	4,962.68	15.94	13.07	-135.02	218.92	743.91	953.91	926.10	27.81	34.305		
5,200.00	5,067.59	5,123.25	5,059.68	16.30	13.36	-135.05	220.62	760.11	971.92	943.51	28.41	34.216		
5,300.00	5,164.65	5,221.61	5,156.69	16.66	13.64	-135.07	222.32	776.31	989.93	960.92	29.01	34.125		
5,400.00	5,261.70	5,319.97	5,253.70	17.02	13.92	-135.10	224.02	792.50	1,007.94	978.33	29.62	34.034		
5,500.00	5,358.76	5,418.34	5,350.70	17.39	14.21	-135.13	225.73	808.70	1,025.95	995.73	30.23	33.942		
5,600.00	5,455.81	5,516.70	5,447.71	17.75	14.50	-135.15	227.43	824.89	1,043.97	1,013.12	30.84	33.849		
5,700.00	5,552.87	5,615.07	5,544.71	18.12	14.79	-135.18	229.13	841.09	1,061.98	1,030.52	31.46	33.757		
5,800.00	5,649.92	5,713.43	5,641.72	18.49	15.08	-135.20	230.83	857.29	1,079.99	1,047.91	32.08	33.664		
5,900.00	5,746.98	5,811.79	5,738.73	18.86	15.38	-135.22	232.53	873.48	1,098.00	1,065.30	32.71	33.573		
6,000.00	5,844.03	5,910.16	5,835.73	19.24	15.67	-135.25	234.24	889.68	1,116.01	1,082.68	33.33	33.481		
6,100.00	5,941.09	6,008.52	5,932.74	19.61	15.97	-135.27	235.94	905.88	1,134.03	1,100.06	33.96	33.390		
6,200.00	6,038.14	6,106.88	6,029.74	19.98	16.27	-135.29	237.64	922.07	1,152.04	1,117.44	34.60	33.301		
6,300.00	6,135.20	6,205.25	6,126.75	20.36	16.57	-135.31	239.34	938.27	1,170.05	1,134.82	35.23	33.212		
6,400.00	6,232.25	6,303.61	6,223.76	20.74	16.87	-135.33	241.05	954.46	1,188.07	1,152.20	35.87	33.124		
6,500.00	6,329.31	6,401.40	6,320.20	21.12	17.16	-135.35	242.74	970.54	1,206.08	1,169.58	36.50	33.042		
6,600.00	6,426.37	6,490.03	6,408.41	21.49	17.33	-137.92	244.17	978.21	1,224.52	1,187.56	36.97	33.124		
6,700.00	6,524.50	6,576.69	6,494.89	21.72	17.44	178.31	245.39	973.81	1,243.45	1,206.20	37.26	33.376		
6,800.00	6,622.76	6,662.16	6,578.81	21.88	17.51	132.24	246.39	958.01	1,262.24	1,224.81	37.43	33.726		
6,900.00	6,718.71	6,746.80	6,659.10	21.97	17.53	110.94	247.17	931.43	1,280.36	1,242.86	37.50	34.145		
7,000.00	6,810.00	6,830.92	6,734.71	22.01	17.53	100.68	247.71	894.71	1,297.34	1,259.85	37.49	34.603		
7,100.00	6,894.37	6,914.80	6,804.64	22.00	17.51	94.72	248.02	848.48	1,312.75	1,275.30	37.44	35.058		
7,200.00	6,969.76	6,998.72	6,867.91	21.96	17.49	90.88	248.09	793.45	1,326.20	1,288.80	37.40	35.461		
7,300.00	7,034.30	7,082.90	6,923.56	21.89	17.50	88.31	247.92	730.37	1,337.39	1,299.98	37.41	35.752		
7,400.00	7,086.41	7,167.56	6,970.65	21.80	17.56	86.64	247.51	660.10	1,346.04	1,308.52	37.52	35.876		
7,500.00	7,124.80	7,252.87	7,008.26	21.71	17.67	85.69	246.86	583.59	1,351.98	1,314.20	37.78	35.789		
7,600.00	7,148.53	7,339.02	7,035.52	21.62	17.86	85.35	245.97	501.94	1,355.08	1,316.87	38.21	35.462		
7,700.00	7,157.02	7,426.18	7,051.64	21.55	18.14	85.58	244.85	416.37	1,355.31	1,316.48	38.83	34.906		
7,800.00	7,156.15	7,515.53	7,055.92	21.56	18.49	85.80	243.50	327.20	1,354.14	1,314.53	39.62	34.182		
7,900.00	7,155.19	7,615.53	7,054.84	21.72	19.01	85.79	241.90	227.22	1,353.31	1,312.66	40.65	33.289		
8,000.00	7,154.24	7,715.52	7,053.76	22.13	19.65	85.79	240.30	127.24	1,352.48	1,310.55	41.93	32.253		
8,100.00	7,153.28	7,815.52	7,052.68	22.77	20.41	85.78	238.70	27.27	1,351.65	1,308.22	43.44	31.118		
8,200.00	7,152.32	7,915.52	7,051.61	23.59	21.28	85.77	237.10	-72.71	1,350.82	1,305.68	45.14	29.925		
8,300.00	7,151.36	8,015.51	7,050.53	24.52	22.24	85.76	235.50	-172.69	1,349.99	1,302.97	47.02	28.709		
8,400.00	7,150.41	8,115.51	7,049.45	25.54	23.27	85.76	233.90	-272.67	1,349.16	1,300.10	49.06	27.499		
8,500.00	7,149.45	8,215.50	7,048.37	26.64	24.38	85.75	232.30	-372.65	1,348.33	1,297.09	51.24	26.313		
8,600.00	7,148.49	8,315.50	7,047.29	27.79	25.55	85.74	230.69	-472.62	1,347.50	1,293.96	53.54	25.167		
8,700.00	7,147.54	8,415.50	7,046.21	29.00	26.78	85.73	229.09	-572.60	1,346.67	1,290.72	55.95	24.070		
8,800.00	7,146.58	8,515.49	7,045.13	30.25	28.05	85.72	227.49	-672.58	1,345.84	1,287.39	58.45	23.026		
8,900.00	7,145.62	8,615.49	7,044.05	31.54	29.36	85.72	225.89	-772.56	1,345.01	1,283.98	61.03	22.039		
9,000.00	7,144.66	8,715.49	7,042.98	32.86	30.71	85.71	224.29	-872.53	1,344.18	1,280.50	63.68	21.108		
9,100.00	7,143.71	8,815.48	7,041.90	34.21	32.08	85.70	222.69	-972.51	1,343.35	1,276.96	66.40	20.232		
9,200.00	7,142.75	8,915.48	7,040.82	35.59	33.49	85.69	221.09	-1,072.49	1,342.52	1,273.36	69.17	19.410		
9,300.00	7,141.79	9,015.48	7,039.74	36.99	34.92	85.68	219.49	-1,172.47	1,341.69	1,269.71	71.99	18.638		
9,400.00	7,140.83	9,115.47	7,038.66	38.41	36.36	85.68	217.89	-1,272.45	1,340.86	1,266.01	74.85	17.914		
9,500.00	7,139.88	9,215.47	7,037.58	39.86	37.83	85.67	216.29	-1,372.42	1,340.03	1,262.28	77.75	17.235		
9,600.00	7,138.92	9,315.46	7,036.50	41.31	39.32	85.66	214.68	-1,472.40	1,339.20	1,258.52	80.68	16.598		
9,700.00	7,137.96	9,415.46	7,035.42	42.79	40.81	85.65	213.08	-1,572.38	1,338.37	1,254.72	83.65	16.000		
9,800.00	7,137.00	9,515.46	7,034.35	44.28	42.33	85.65	211.48	-1,672.36	1,337.54	1,250.90	86.64	15.437		
9,900.00	7,136.05	9,615.45	7,033.27	45.78	43.85	85.64	209.88	-1,772.33	1,336.71	1,247.05	89.66	14.908		
10,000.00	7,135.09	9,715.45	7,032.19	47.29	45.38	85.63	208.28	-1,872.31	1,335.88	1,243.18	92.70	14.410		
10,100.00	7,134.13	9,815.45	7,031.11	48.81	46.93	85.62	206.68	-1,972.29	1,335.05	1,239.29	95.76	13.941		
10,200.00	7,133.17	9,915.44	7,030.03	50.34	48.48	85.61	205.08	-2,072.27	1,334.22	1,235.38	98.84	13.498		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,300.00	7,132.22	10,015.44	7,028.95	51.88	50.04	85.61	203.48	-2,172.25	1,333.39	1,231.46	101.94	13.080		
10,400.00	7,131.26	10,115.44	7,027.87	53.43	51.61	85.60	201.88	-2,272.22	1,332.57	1,227.52	105.05	12.685		
10,500.00	7,130.30	10,215.43	7,026.79	54.98	53.18	85.59	200.28	-2,372.20	1,331.74	1,223.56	108.17	12.311		
10,600.00	7,129.34	10,315.43	7,025.72	56.55	54.76	85.58	198.67	-2,472.18	1,330.91	1,219.60	111.31	11.957		
10,700.00	7,128.39	10,415.42	7,024.64	58.11	56.34	85.57	197.07	-2,572.16	1,330.08	1,215.62	114.46	11.621		
10,800.00	7,127.43	10,515.42	7,023.56	59.69	57.93	85.57	195.47	-2,672.13	1,329.25	1,211.63	117.62	11.301		
10,900.00	7,126.47	10,615.42	7,022.48	61.26	59.53	85.56	193.87	-2,772.11	1,328.42	1,207.63	120.79	10.998		
11,000.00	7,125.51	10,715.41	7,021.40	62.85	61.13	85.55	192.27	-2,872.09	1,327.59	1,203.62	123.96	10.709		
11,100.00	7,124.56	10,815.41	7,020.32	64.44	62.73	85.54	190.67	-2,972.07	1,326.76	1,199.61	127.15	10.435		
11,200.00	7,123.60	10,915.41	7,019.24	66.03	64.34	85.53	189.07	-3,072.04	1,325.93	1,195.58	130.35	10.172		
11,300.00	7,122.64	11,015.40	7,018.16	67.62	65.95	85.53	187.47	-3,172.02	1,325.10	1,191.55	133.55	9.922		
11,400.00	7,121.68	11,115.40	7,017.09	69.22	67.56	85.52	185.87	-3,272.00	1,324.27	1,187.52	136.75	9.684		
11,500.00	7,120.73	11,215.40	7,016.01	70.83	69.17	85.51	184.27	-3,371.98	1,323.44	1,183.47	139.97	9.455		
11,600.00	7,119.77	11,315.39	7,014.93	72.43	70.79	85.50	182.66	-3,471.96	1,322.61	1,179.42	143.19	9.237		
11,700.00	7,118.81	11,415.39	7,013.85	74.04	72.41	85.49	181.06	-3,571.93	1,321.78	1,175.37	146.41	9.028		
11,800.00	7,117.85	11,515.39	7,012.77	75.65	74.04	85.48	179.46	-3,671.91	1,320.95	1,171.31	149.64	8.827		
11,900.00	7,116.90	11,615.38	7,011.69	77.27	75.66	85.48	177.86	-3,771.89	1,320.12	1,167.24	152.88	8.635		
12,000.00	7,115.94	11,715.38	7,010.61	78.88	77.29	85.47	176.26	-3,871.87	1,319.30	1,163.18	156.12	8.451		
12,100.00	7,114.98	11,815.37	7,009.53	80.50	78.92	85.46	174.66	-3,971.84	1,318.47	1,159.10	159.36	8.273		
12,200.00	7,114.02	11,915.37	7,008.45	82.12	80.55	85.45	173.06	-4,071.82	1,317.64	1,155.03	162.61	8.103		
12,300.00	7,113.07	12,015.37	7,007.38	83.75	82.18	85.44	171.46	-4,171.80	1,316.81	1,150.95	165.86	7.939		
12,400.00	7,112.11	12,115.36	7,006.30	85.37	83.82	85.44	169.86	-4,271.78	1,315.98	1,146.86	169.12	7.782		
12,500.00	7,111.15	12,215.36	7,005.22	87.00	85.45	85.43	168.26	-4,371.76	1,315.15	1,142.78	172.37	7.630		
12,600.00	7,110.19	12,315.36	7,004.14	88.63	87.09	85.42	166.65	-4,471.73	1,314.32	1,138.69	175.64	7.483		
12,700.00	7,109.24	12,415.35	7,003.06	90.26	88.73	85.41	165.05	-4,571.71	1,313.49	1,134.59	178.90	7.342		
12,800.00	7,108.28	12,515.35	7,001.98	91.89	90.37	85.40	163.45	-4,671.69	1,312.66	1,130.50	182.17	7.206		
12,900.00	7,107.32	12,615.35	7,000.90	93.52	92.01	85.40	161.85	-4,771.67	1,311.83	1,126.40	185.43	7.074		
13,000.00	7,106.36	12,715.34	6,999.82	95.16	93.65	85.39	160.25	-4,871.64	1,311.01	1,122.30	188.71	6.947		
13,100.00	7,105.41	12,815.34	6,998.75	96.80	95.29	85.38	158.65	-4,971.62	1,310.18	1,118.20	191.98	6.825		
13,200.00	7,104.45	12,915.33	6,997.67	98.43	96.94	85.37	157.05	-5,071.60	1,309.35	1,114.09	195.26	6.706		
13,300.00	7,103.49	13,015.33	6,996.59	100.07	98.58	85.36	155.45	-5,171.58	1,308.52	1,109.98	198.53	6.591		
13,400.00	7,102.53	13,115.33	6,995.51	101.71	100.23	85.35	153.85	-5,271.56	1,307.69	1,105.87	201.81	6.480		
13,500.00	7,101.58	13,215.32	6,994.43	103.35	101.88	85.35	152.25	-5,371.53	1,306.86	1,101.76	205.10	6.372		
13,600.00	7,100.62	13,315.32	6,993.35	104.99	103.52	85.34	150.64	-5,471.51	1,306.03	1,097.65	208.38	6.268		
13,700.00	7,099.66	13,415.32	6,992.27	106.64	105.17	85.33	149.04	-5,571.49	1,305.20	1,093.54	211.67	6.166		
13,800.00	7,098.70	13,515.31	6,991.19	108.28	106.82	85.32	147.44	-5,671.47	1,304.37	1,089.42	214.95	6.068		
13,900.00	7,097.75	13,615.31	6,990.12	109.92	108.47	85.31	145.84	-5,771.44	1,303.55	1,085.30	218.24	5.973		
14,000.00	7,096.79	13,715.31	6,989.04	111.57	110.12	85.30	144.24	-5,871.42	1,302.72	1,081.18	221.53	5.880		
14,100.00	7,095.83	13,815.30	6,987.96	113.22	111.77	85.30	142.64	-5,971.40	1,301.89	1,077.06	224.82	5.791		
14,200.00	7,094.87	13,915.30	6,986.88	114.86	113.43	85.29	141.04	-6,071.38	1,301.06	1,072.94	228.12	5.703		
14,300.00	7,093.92	14,015.29	6,985.80	116.51	115.08	85.28	139.44	-6,171.36	1,300.23	1,068.82	231.41	5.619		
14,400.00	7,092.96	14,115.29	6,984.72	118.16	116.73	85.27	137.84	-6,271.33	1,299.40	1,064.70	234.71	5.536		
14,500.00	7,092.00	14,215.29	6,983.64	119.81	118.39	85.26	136.24	-6,371.31	1,298.57	1,060.57	238.00	5.456		
14,600.00	7,091.04	14,315.28	6,982.56	121.46	120.04	85.25	134.63	-6,471.29	1,297.75	1,056.44	241.30	5.378		
14,700.00	7,090.09	14,415.28	6,981.49	123.11	121.70	85.25	133.03	-6,571.27	1,296.92	1,052.32	244.60	5.302		
14,800.00	7,089.13	14,515.28	6,980.41	124.76	123.35	85.24	131.43	-6,671.24	1,296.09	1,048.19	247.90	5.228		
14,900.00	7,088.17	14,615.27	6,979.33	126.41	125.01	85.23	129.83	-6,771.22	1,295.26	1,044.06	251.20	5.156		
15,000.00	7,087.21	14,715.27	6,978.25	128.07	126.66	85.22	128.23	-6,871.20	1,294.43	1,039.93	254.50	5.086		
15,100.00	7,086.26	14,815.27	6,977.17	129.72	128.32	85.21	126.63	-6,971.18	1,293.60	1,035.80	257.81	5.018		
15,200.00	7,085.30	14,915.26	6,976.09	131.37	129.98	85.20	125.03	-7,071.15	1,292.78	1,031.67	261.11	4.951		
15,300.00	7,084.34	15,015.26	6,975.01	133.03	131.63	85.19	123.43	-7,171.13	1,291.95	1,027.54	264.41	4.886		
15,319.20	7,084.16	15,023.76	6,974.92	133.34	131.78	85.19	123.29	-7,179.63	1,291.83	1,026.99	264.84	4.878		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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
15,331.10	7,084.04	15,023.76	6,974.92	133.54	131.78	85.19	123.29	-7,179.63	1,291.89	1,026.91	264.98	4.875 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	-4.68	159.57	-13.07	160.10					
100.00	100.00	102.00	98.00	3.28	3.28	-4.68	159.57	-13.07	160.10	152.57	7.53	21.264		
200.00	200.00	202.00	198.00	3.31	3.31	-4.68	159.57	-13.07	160.10	152.53	7.57	21.137	CC, ES	
202.96	202.96	200.96	200.96	3.31	3.31	-137.08	159.57	-13.07	160.10	152.53	7.58	21.135		
300.00	300.00	297.80	297.79	3.35	3.35	-137.08	159.63	-12.67	160.59	152.93	7.66	20.969		
400.00	399.92	397.31	397.24	3.41	3.41	-136.77	160.16	-9.33	163.66	155.88	7.78	21.041		
500.00	499.64	496.63	496.32	3.49	3.50	-136.07	161.23	-2.59	169.56	161.61	7.95	21.338		
600.00	599.05	595.61	594.78	3.60	3.61	-135.06	162.82	7.50	178.31	170.14	8.17	21.834		
700.00	698.03	694.14	692.36	3.74	3.75	-133.82	164.94	20.87	189.93	181.49	8.45	22.489		
800.00	796.44	807.15	789.77	3.93	3.95	-132.69	167.44	36.63	204.31	195.50	8.82	23.175		
900.00	894.18	908.57	887.04	4.16	4.15	-132.30	169.95	52.46	221.07	211.84	9.23	23.953		
1,000.00	991.29	989.66	983.97	4.45	4.34	-132.58	172.44	68.24	239.69	230.04	9.65	24.836		
1,100.00	1,088.34	1,087.87	1,080.87	4.77	4.58	-132.94	174.94	84.02	258.47	248.33	10.15	25.474		
1,200.00	1,185.40	1,186.08	1,177.77	5.11	4.83	-133.26	177.44	99.80	277.27	266.59	10.68	25.964		
1,300.00	1,282.45	1,284.29	1,274.67	5.48	5.10	-133.54	179.94	115.57	296.07	284.83	11.24	26.335		
1,400.00	1,379.51	1,382.49	1,371.57	5.87	5.38	-133.78	182.44	131.35	314.88	303.05	11.83	26.613		
1,500.00	1,476.56	1,480.70	1,468.47	6.27	5.67	-133.99	184.94	147.12	333.69	321.25	12.44	26.818		
1,600.00	1,573.62	1,578.91	1,565.37	6.68	5.97	-134.19	187.44	162.90	352.51	339.44	13.07	26.966		
1,700.00	1,670.67	1,677.11	1,662.27	7.10	6.27	-134.36	189.94	178.67	371.33	357.61	13.72	27.069		
1,800.00	1,767.73	1,775.32	1,759.16	7.53	6.58	-134.52	192.43	194.45	390.16	375.78	14.38	27.138		
1,900.00	1,864.78	1,873.53	1,856.06	7.77	6.79	-134.66	194.93	210.22	408.98	394.58	14.40	28.401		
2,000.00	1,961.84	1,971.73	1,952.96	7.83	6.86	-134.79	197.43	226.00	427.81	413.30	14.51	29.482		
2,100.00	2,058.89	2,069.94	2,049.86	7.91	6.91	-134.91	199.93	241.77	446.64	432.03	14.61	30.561		
2,200.00	2,155.95	2,168.15	2,146.76	8.01	6.97	-135.02	202.43	257.55	465.47	450.72	14.75	31.554		
2,300.00	2,253.00	2,266.36	2,243.66	8.13	7.05	-135.12	204.93	273.33	484.31	469.39	14.92	32.458		
2,400.00	2,350.06	2,364.56	2,340.56	8.26	7.14	-135.21	207.43	289.10	503.14	488.02	15.12	33.275		
2,500.00	2,447.11	2,462.77	2,437.46	8.42	7.24	-135.30	209.92	304.88	521.98	506.63	15.35	34.004		
2,600.00	2,544.17	2,560.98	2,534.36	8.59	7.36	-135.38	212.42	320.65	540.82	525.21	15.61	34.648		
2,700.00	2,641.22	2,659.18	2,631.26	8.77	7.49	-135.45	214.92	336.43	559.65	543.76	15.89	35.213		
2,800.00	2,738.28	2,757.39	2,728.16	8.98	7.63	-135.52	217.42	352.20	578.49	562.29	16.20	35.701		
2,900.00	2,835.33	2,855.60	2,825.06	9.19	7.79	-135.59	219.92	367.98	597.33	580.80	16.54	36.119		
3,000.00	2,932.39	2,953.81	2,921.96	9.42	7.95	-135.65	222.42	383.75	616.17	599.28	16.89	36.472		
3,100.00	3,029.44	3,052.01	3,018.86	9.66	8.12	-135.71	224.92	399.53	635.01	617.74	17.27	36.766		
3,200.00	3,126.50	3,150.22	3,115.76	9.91	8.30	-135.76	227.41	415.30	653.86	636.19	17.67	37.007		
3,300.00	3,223.55	3,248.43	3,212.66	10.17	8.50	-135.81	229.91	431.08	672.70	654.62	18.08	37.199		
3,400.00	3,320.61	3,346.63	3,309.56	10.44	8.69	-135.86	232.41	446.86	691.54	673.03	18.52	37.349		
3,500.00	3,417.66	3,444.84	3,406.46	10.72	8.90	-135.91	234.91	462.63	710.39	691.42	18.96	37.460		
3,600.00	3,514.71	3,543.05	3,503.36	11.00	9.12	-135.95	237.41	478.41	729.23	709.80	19.43	37.538		
3,700.00	3,611.77	3,641.25	3,600.26	11.30	9.34	-136.00	239.91	494.18	748.07	728.17	19.90	37.587		
3,800.00	3,708.82	3,739.46	3,697.15	11.60	9.56	-136.03	242.41	509.96	766.92	746.53	20.39	37.611		
3,900.00	3,805.88	3,837.67	3,794.05	11.90	9.79	-136.07	244.90	525.73	785.76	764.87	20.89	37.612		
4,000.00	3,902.93	3,935.88	3,890.95	12.22	10.03	-136.11	247.40	541.51	804.61	783.20	21.40	37.594		
4,100.00	3,999.99	4,034.08	3,987.85	12.54	10.27	-136.14	249.90	557.28	823.45	801.53	21.92	37.560		
4,200.00	4,097.04	4,132.29	4,084.75	12.86	10.52	-136.18	252.40	573.06	842.30	819.84	22.45	37.511		
4,300.00	4,194.10	4,230.50	4,181.65	13.19	10.77	-136.21	254.90	588.84	861.14	838.15	22.99	37.451		
4,400.00	4,291.15	4,328.70	4,278.55	13.52	11.03	-136.24	257.40	604.61	879.99	856.45	23.54	37.381		
4,500.00	4,388.21	4,426.91	4,375.45	13.86	11.28	-136.27	259.90	620.39	898.84	874.74	24.10	37.302		
4,600.00	4,485.26	4,525.12	4,472.35	14.20	11.55	-136.29	262.39	636.16	917.68	893.03	24.66	37.216		
4,700.00	4,582.32	4,623.32	4,569.25	14.54	11.81	-136.32	264.89	651.94	936.53	911.30	25.23	37.125		
4,800.00	4,679.37	4,721.53	4,666.15	14.89	12.08	-136.34	267.39	667.71	955.38	929.58	25.80	37.028		
4,900.00	4,776.43	4,819.74	4,763.05	15.24	12.35	-136.37	269.89	683.49	974.22	947.84	26.38	36.928		
5,000.00	4,873.48	4,917.95	4,859.95	15.59	12.63	-136.39	272.39	699.26	993.07	966.10	26.97	36.825		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
5,100.00	4,970.54	5,016.15	4,956.85	15.94	12.90	-136.42	274.89	715.04	1,011.92	984.36	27.56	36.720		
5,200.00	5,067.59	5,114.36	5,053.75	16.30	13.18	-136.44	277.39	730.81	1,030.77	1,002.61	28.15	36.613		
5,300.00	5,164.65	5,212.57	5,150.65	16.66	13.46	-136.46	279.88	746.59	1,049.61	1,020.86	28.75	36.505		
5,400.00	5,261.70	5,310.77	5,247.55	17.02	13.75	-136.48	282.38	762.37	1,068.46	1,039.11	29.36	36.396		
5,500.00	5,358.76	5,408.98	5,344.45	17.39	14.03	-136.50	284.88	778.14	1,087.31	1,057.35	29.96	36.287		
5,600.00	5,455.81	5,507.19	5,441.35	17.75	14.32	-136.52	287.38	793.92	1,106.16	1,075.58	30.58	36.178		
5,700.00	5,552.87	5,605.40	5,538.25	18.12	14.60	-136.53	289.88	809.69	1,125.01	1,093.82	31.19	36.070		
5,800.00	5,649.92	5,703.60	5,635.14	18.49	14.89	-136.55	292.38	825.47	1,143.86	1,112.05	31.81	35.962		
5,900.00	5,746.98	5,801.81	5,732.04	18.86	15.19	-136.57	294.88	841.24	1,162.70	1,130.28	32.43	35.855		
6,000.00	5,844.03	5,900.02	5,828.94	19.24	15.48	-136.59	297.37	857.02	1,181.55	1,148.50	33.05	35.748		
6,100.00	5,941.09	6,001.78	5,925.84	19.61	15.78	-136.60	299.87	872.79	1,200.40	1,166.71	33.69	35.632		
6,200.00	6,038.14	6,103.57	6,022.74	19.98	16.09	-136.62	302.37	888.57	1,219.25	1,184.92	34.33	35.517		
6,300.00	6,135.20	6,205.36	6,119.64	20.36	16.40	-136.63	304.87	904.34	1,238.10	1,203.13	34.97	35.403		
6,400.00	6,232.25	6,307.16	6,216.54	20.74	16.71	-136.65	307.37	920.12	1,256.95	1,221.33	35.62	35.292		
6,500.00	6,329.31	6,408.95	6,313.44	21.12	17.02	-136.66	309.87	935.90	1,275.80	1,239.53	36.26	35.182		
6,600.00	6,426.37	6,489.26	6,410.34	21.49	17.26	-138.90	312.37	951.67	1,294.64	1,257.80	36.84	35.139		
6,700.00	6,524.50	6,572.71	6,493.24	21.72	17.44	177.97	314.51	960.42	1,313.47	1,276.23	37.24	35.270		
6,800.00	6,622.76	6,655.39	6,575.81	21.88	17.56	132.53	316.66	958.35	1,332.24	1,294.72	37.52	35.509		
6,900.00	6,718.71	6,738.61	6,657.95	21.97	17.63	111.82	318.82	945.49	1,350.51	1,312.82	37.69	35.831		
7,000.00	6,810.00	6,822.74	6,738.55	22.01	17.67	102.11	320.96	921.71	1,367.89	1,330.11	37.78	36.208		
7,100.00	6,894.37	6,908.11	6,816.42	22.00	17.67	96.67	323.04	886.93	1,384.02	1,346.21	37.81	36.608		
7,200.00	6,969.76	6,995.09	6,890.25	21.96	17.66	93.28	325.04	841.11	1,398.55	1,360.74	37.81	36.989		
7,300.00	7,034.30	7,084.05	6,958.59	21.89	17.65	91.12	326.90	784.30	1,411.19	1,373.35	37.83	37.299		
7,400.00	7,086.41	7,175.34	7,019.78	21.80	17.66	89.81	328.60	716.69	1,421.68	1,383.75	37.93	37.480		
7,500.00	7,124.80	7,269.31	7,072.01	21.71	17.73	89.15	330.09	638.69	1,429.81	1,391.66	38.15	37.477		
7,600.00	7,148.53	7,366.26	7,113.29	21.62	17.88	89.06	331.30	551.07	1,435.40	1,396.87	38.54	37.247		
7,700.00	7,157.02	7,466.48	7,141.47	21.55	18.13	89.47	332.18	455.01	1,438.33	1,399.22	39.11	36.774		
7,800.00	7,156.15	7,570.79	7,154.43	21.56	18.50	90.01	332.68	351.63	1,439.53	1,399.63	39.90	36.082		
7,900.00	7,155.19	7,672.73	7,154.42	21.72	18.99	90.04	332.84	249.70	1,440.45	1,399.54	40.90	35.217		
8,000.00	7,154.24	7,772.73	7,153.60	22.13	19.58	90.05	332.98	149.70	1,441.34	1,399.20	42.14	34.205		
8,100.00	7,153.28	7,872.72	7,152.78	22.77	20.30	90.05	333.11	49.71	1,442.24	1,398.63	43.60	33.078		
8,200.00	7,152.32	7,972.72	7,151.95	23.59	21.12	90.06	333.25	-50.28	1,443.13	1,397.86	45.27	31.879		
8,300.00	7,151.36	8,072.72	7,151.13	24.52	22.04	90.06	333.38	-150.27	1,444.03	1,396.91	47.12	30.647		
8,400.00	7,150.41	8,172.71	7,150.30	25.54	23.05	90.07	333.52	-250.27	1,444.92	1,395.79	49.13	29.410		
8,500.00	7,149.45	8,272.71	7,149.48	26.64	24.13	90.08	333.65	-350.26	1,445.82	1,394.53	51.28	28.193		
8,600.00	7,148.49	8,372.70	7,148.65	27.79	25.28	90.08	333.79	-450.25	1,446.71	1,393.15	53.56	27.011		
8,700.00	7,147.54	8,472.70	7,147.83	29.00	26.48	90.09	333.92	-550.24	1,447.61	1,391.66	55.95	25.874		
8,800.00	7,146.58	8,572.70	7,147.00	30.25	27.73	90.09	334.06	-650.24	1,448.50	1,390.07	58.43	24.790		
8,900.00	7,145.62	8,672.69	7,146.18	31.54	29.02	90.10	334.19	-750.23	1,449.40	1,388.40	61.00	23.762		
9,000.00	7,144.66	8,772.69	7,145.36	32.86	30.35	90.10	334.33	-850.22	1,450.29	1,386.65	63.64	22.790		
9,100.00	7,143.71	8,872.68	7,144.53	34.21	31.72	90.11	334.46	-950.21	1,451.19	1,384.84	66.34	21.874		
9,200.00	7,142.75	8,972.68	7,143.71	35.59	33.11	90.11	334.60	-1,050.21	1,452.08	1,382.98	69.10	21.013		
9,300.00	7,141.79	9,072.68	7,142.88	36.99	34.53	90.12	334.73	-1,150.20	1,452.98	1,381.06	71.92	20.203		
9,400.00	7,140.83	9,172.67	7,142.06	38.41	35.97	90.12	334.87	-1,250.19	1,453.87	1,379.10	74.77	19.443		
9,500.00	7,139.88	9,272.67	7,141.23	39.86	37.43	90.13	335.00	-1,350.18	1,454.77	1,377.10	77.67	18.730		
9,600.00	7,138.92	9,372.66	7,140.41	41.31	38.90	90.13	335.14	-1,450.18	1,455.66	1,375.06	80.60	18.060		
9,700.00	7,137.96	9,472.66	7,139.59	42.79	40.39	90.14	335.27	-1,550.17	1,456.56	1,372.99	83.57	17.430		
9,800.00	7,137.00	9,572.66	7,138.76	44.28	41.90	90.14	335.41	-1,650.16	1,457.45	1,370.89	86.56	16.838		
9,900.00	7,136.05	9,672.65	7,137.94	45.78	43.42	90.15	335.54	-1,750.15	1,458.35	1,368.77	89.58	16.281		
10,000.00	7,135.09	9,772.65	7,137.11	47.29	44.95	90.15	335.68	-1,850.15	1,459.24	1,366.63	92.62	15.756		
10,100.00	7,134.13	9,872.64	7,136.29	48.81	46.49	90.16	335.81	-1,950.14	1,460.14	1,364.46	95.68	15.261		
10,200.00	7,133.17	9,972.64	7,135.46	50.34	48.04	90.16	335.95	-2,050.13	1,461.03	1,362.28	98.76	14.794		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,300.00	7,132.22	10,072.63	7,134.64	51.88	49.59	90.17	336.08	-2,150.12	1,461.93	1,360.07	101.86	14.353		
10,400.00	7,131.26	10,172.63	7,133.81	53.43	51.16	90.17	336.22	-2,250.11	1,462.82	1,357.86	104.97	13.936		
10,500.00	7,130.30	10,272.63	7,132.99	54.98	52.73	90.18	336.35	-2,350.11	1,463.72	1,355.62	108.09	13.541		
10,600.00	7,129.34	10,372.62	7,132.17	56.55	54.31	90.18	336.49	-2,450.10	1,464.61	1,353.38	111.23	13.167		
10,700.00	7,128.39	10,472.62	7,131.34	58.11	55.89	90.19	336.62	-2,550.09	1,465.51	1,351.12	114.39	12.812		
10,800.00	7,127.43	10,572.61	7,130.52	59.69	57.48	90.19	336.76	-2,650.08	1,466.40	1,348.86	117.55	12.475		
10,900.00	7,126.47	10,672.61	7,129.69	61.26	59.07	90.20	336.89	-2,750.08	1,467.30	1,346.58	120.72	12.154		
11,000.00	7,125.51	10,772.61	7,128.87	62.85	60.67	90.20	337.03	-2,850.07	1,468.20	1,344.29	123.90	11.849		
11,100.00	7,124.56	10,872.60	7,128.04	64.44	62.27	90.21	337.16	-2,950.06	1,469.09	1,342.00	127.10	11.559		
11,200.00	7,123.60	10,972.60	7,127.22	66.03	63.88	90.21	337.30	-3,050.05	1,469.99	1,339.69	130.29	11.282		
11,300.00	7,122.64	11,072.59	7,126.39	67.62	65.49	90.22	337.44	-3,150.05	1,470.88	1,337.38	133.50	11.018		
11,400.00	7,121.68	11,172.59	7,125.57	69.22	67.10	90.22	337.57	-3,250.04	1,471.78	1,335.06	136.71	10.765		
11,500.00	7,120.73	11,272.59	7,124.75	70.83	68.71	90.23	337.71	-3,350.03	1,472.67	1,332.74	139.93	10.524		
11,600.00	7,119.77	11,372.58	7,123.92	72.43	70.33	90.23	337.84	-3,450.02	1,473.57	1,330.41	143.16	10.293		
11,700.00	7,118.81	11,472.58	7,123.10	74.04	71.95	90.24	337.98	-3,550.02	1,474.46	1,328.07	146.39	10.072		
11,800.00	7,117.85	11,572.57	7,122.27	75.65	73.58	90.24	338.11	-3,650.01	1,475.36	1,325.73	149.63	9.860		
11,900.00	7,116.90	11,672.57	7,121.45	77.27	75.20	90.25	338.25	-3,750.00	1,476.25	1,323.39	152.87	9.657		
12,000.00	7,115.94	11,772.57	7,120.62	78.88	76.83	90.25	338.38	-3,849.99	1,477.15	1,321.04	156.11	9.462		
12,100.00	7,114.98	11,872.56	7,119.80	80.50	78.46	90.26	338.52	-3,949.99	1,478.05	1,318.68	159.36	9.275		
12,200.00	7,114.02	11,972.56	7,118.98	82.12	80.09	90.26	338.65	-4,049.98	1,478.94	1,316.32	162.62	9.095		
12,300.00	7,113.07	12,072.55	7,118.15	83.75	81.72	90.27	338.79	-4,149.97	1,479.84	1,313.96	165.88	8.921		
12,400.00	7,112.11	12,172.55	7,117.33	85.37	83.36	90.27	338.92	-4,249.96	1,480.73	1,311.59	169.14	8.755		
12,500.00	7,111.15	12,272.54	7,116.50	87.00	84.99	90.28	339.06	-4,349.96	1,481.63	1,309.22	172.40	8.594		
12,600.00	7,110.19	12,372.54	7,115.68	88.63	86.63	90.28	339.19	-4,449.95	1,482.52	1,306.85	175.67	8.439		
12,700.00	7,109.24	12,472.54	7,114.85	90.26	88.27	90.29	339.33	-4,549.94	1,483.42	1,304.48	178.94	8.290		
12,800.00	7,108.28	12,572.53	7,114.03	91.89	89.91	90.29	339.46	-4,649.93	1,484.31	1,302.10	182.22	8.146		
12,900.00	7,107.32	12,672.53	7,113.20	93.52	91.55	90.30	339.60	-4,749.93	1,485.21	1,299.72	185.49	8.007		
13,000.00	7,106.36	12,772.52	7,112.38	95.16	93.20	90.30	339.73	-4,849.92	1,486.10	1,297.33	188.77	7.873		
13,100.00	7,105.41	12,872.52	7,111.56	96.80	94.84	90.31	339.87	-4,949.91	1,487.00	1,294.95	192.05	7.743		
13,200.00	7,104.45	12,972.52	7,110.73	98.43	96.49	90.31	340.00	-5,049.90	1,487.90	1,292.56	195.34	7.617		
13,300.00	7,103.49	13,072.51	7,109.91	100.07	98.13	90.32	340.14	-5,149.89	1,488.79	1,290.17	198.62	7.496		
13,400.00	7,102.53	13,172.51	7,109.08	101.71	99.78	90.32	340.27	-5,249.89	1,489.69	1,287.78	201.91	7.378		
13,500.00	7,101.58	13,272.50	7,108.26	103.35	101.43	90.33	340.41	-5,349.88	1,490.58	1,285.38	205.20	7.264		
13,600.00	7,100.62	13,372.50	7,107.43	104.99	103.08	90.33	340.54	-5,449.87	1,491.48	1,282.98	208.49	7.154		
13,700.00	7,099.66	13,472.50	7,106.61	106.64	104.73	90.34	340.68	-5,549.86	1,492.37	1,280.59	211.79	7.047		
13,800.00	7,098.70	13,572.49	7,105.79	108.28	106.38	90.34	340.81	-5,649.86	1,493.27	1,278.19	215.08	6.943		
13,900.00	7,097.75	13,672.49	7,104.96	109.92	108.03	90.35	340.95	-5,749.85	1,494.17	1,275.79	218.38	6.842		
14,000.00	7,096.79	13,772.48	7,104.14	111.57	109.68	90.35	341.08	-5,849.84	1,495.06	1,273.38	221.68	6.744		
14,100.00	7,095.83	13,872.48	7,103.31	113.22	111.34	90.36	341.22	-5,949.83	1,495.96	1,270.98	224.98	6.649		
14,200.00	7,094.87	13,972.48	7,102.49	114.86	112.99	90.36	341.35	-6,049.83	1,496.85	1,268.57	228.28	6.557		
14,300.00	7,093.92	14,072.47	7,101.66	116.51	114.64	90.37	341.49	-6,149.82	1,497.75	1,266.16	231.58	6.467		
14,400.00	7,092.96	14,172.47	7,100.84	118.16	116.30	90.37	341.62	-6,249.81	1,498.64	1,263.76	234.89	6.380		
14,500.00	7,092.00	14,272.46	7,100.01	119.81	117.95	90.38	341.76	-6,349.80	1,499.54	1,261.35	238.19	6.295		
14,600.00	7,091.04	14,372.46	7,099.19	121.46	119.61	90.38	341.89	-6,449.80	1,500.44	1,258.93	241.50	6.213		
14,700.00	7,090.09	14,472.45	7,098.37	123.11	121.27	90.39	342.03	-6,549.79	1,501.33	1,256.52	244.81	6.133		
14,800.00	7,089.13	14,572.45	7,097.54	124.76	122.92	90.39	342.16	-6,649.78	1,502.23	1,254.11	248.12	6.055		
14,900.00	7,088.17	14,672.45	7,096.72	126.41	124.58	90.40	342.30	-6,749.77	1,503.12	1,251.70	251.43	5.978		
15,000.00	7,087.21	14,772.44	7,095.89	128.07	126.24	90.40	342.43	-6,849.77	1,504.02	1,249.28	254.74	5.904		
15,100.00	7,086.26	14,872.44	7,095.07	129.72	127.90	90.41	342.57	-6,949.76	1,504.91	1,246.86	258.05	5.832		
15,200.00	7,085.30	14,972.43	7,094.24	131.37	129.56	90.41	342.70	-7,049.75	1,505.81	1,244.45	261.36	5.761		
15,300.00	7,084.34	15,072.43	7,093.42	133.03	131.21	90.42	342.84	-7,149.74	1,506.71	1,242.03	264.68	5.693		
15,331.10	7,084.04	15,103.53	7,093.16	133.54	131.73	90.42	342.88	-7,180.85	1,506.98	1,241.28	265.71	5.672 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore Centre	Between	Between	Minimum	Separation			Warning												
Depth	Depth	Depth	Depth			Toolface	+N/-S	+E/-W	Centres	Ellipses	Separation	Factor														
(usft)	(usft)	(usft)	(usft)	(usft)	(usft)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)															
0.00	0.00	1.00	-1.00	3.28	3.28	-4.76	60.11	-5.00	60.32																	
100.00	100.00	101.00	99.00	3.28	3.28	-4.76	60.11	-5.00	60.32	52.79	7.53	8.012														
200.00	200.00	201.00	199.00	3.31	3.31	-4.76	60.11	-5.00	60.32	52.74	7.57	7.964	CC													
201.51	201.51	200.51	200.51	3.31	3.31	-137.16	60.11	-5.00	60.32	52.74	7.57	7.963	ES													
300.00	300.00	299.00	299.00	3.35	3.35	-137.56	60.11	-5.00	60.78	53.12	7.66	7.934														
400.00	399.92	400.23	400.21	3.41	3.41	-138.62	59.23	-3.49	62.63	54.85	7.78	8.052														
500.00	499.64	501.54	501.38	3.49	3.49	-139.12	56.57	1.13	65.02	57.09	7.93	8.197														
600.00	599.05	602.91	602.35	3.60	3.60	-139.11	52.11	8.85	67.93	59.80	8.13	8.354														
700.00	698.03	704.32	702.98	3.74	3.73	-138.64	45.87	19.66	71.37	62.98	8.38	8.512														
800.00	796.44	805.76	803.14	3.93	3.90	-137.78	37.85	33.56	75.33	66.64	8.70	8.662														
900.00	894.18	906.56	902.10	4.16	4.11	-136.80	28.27	50.14	80.02	70.93	9.09	8.807														
1,000.00	991.29	1,006.35	999.96	4.45	4.36	-136.92	18.49	67.08	86.40	76.87	9.54	9.058														
1,100.00	1,088.34	1,106.14	1,097.81	4.77	4.63	-137.15	8.72	84.01	92.97	82.93	10.04	9.262														
1,200.00	1,185.40	1,205.92	1,195.66	5.11	4.92	-137.35	-1.06	100.94	99.53	88.96	10.58	9.412														
1,300.00	1,282.45	1,305.70	1,293.50	5.48	5.23	-137.53	-10.83	117.88	106.10	94.95	11.15	9.519														
1,400.00	1,379.51	1,405.49	1,391.35	5.87	5.55	-137.69	-20.61	134.81	112.66	100.92	11.74	9.593														
1,500.00	1,476.56	1,505.27	1,489.20	6.27	5.89	-137.82	-30.39	151.74	119.23	106.87	12.37	9.643														
1,600.00	1,573.62	1,605.05	1,587.05	6.68	6.06	-137.95	-40.16	168.67	125.80	112.95	12.85	9.793														
1,700.00	1,670.67	1,704.84	1,684.90	7.10	6.11	-138.06	-49.94	185.61	132.37	119.14	13.22	10.011														
1,800.00	1,767.73	1,804.62	1,782.75	7.53	6.18	-138.16	-59.71	202.54	138.94	125.31	13.63	10.197														
1,900.00	1,864.78	1,904.41	1,880.60	7.77	6.26	-138.25	-69.49	219.47	145.50	131.99	13.51	10.770														
2,000.00	1,961.84	2,004.19	1,978.45	7.83	6.37	-138.34	-79.27	236.40	152.07	138.43	13.64	11.148														
2,100.00	2,058.89	2,103.97	2,076.30	7.91	6.50	-138.41	-89.04	253.34	158.64	144.83	13.81	11.488														
2,200.00	2,155.95	2,203.76	2,174.15	8.01	6.65	-138.48	-98.82	270.27	165.21	151.20	14.01	11.791														
2,300.00	2,253.00	2,303.54	2,272.00	8.13	6.81	-138.55	-108.60	287.20	171.78	157.54	14.25	12.057														
2,400.00	2,350.06	2,403.32	2,369.85	8.26	6.99	-138.61	-118.37	304.14	178.35	163.84	14.52	12.287														
2,500.00	2,447.11	2,503.11	2,467.70	8.42	7.18	-138.67	-128.15	321.07	184.92	170.11	14.81	12.484														
2,600.00	2,544.17	2,602.89	2,565.55	8.59	7.38	-138.72	-137.92	338.00	191.49	176.36	15.14	12.649														
2,700.00	2,641.22	2,702.68	2,663.40	8.77	7.60	-138.77	-147.70	354.93	198.07	182.57	15.49	12.785														
2,800.00	2,738.28	2,802.46	2,761.25	8.98	7.83	-138.81	-157.48	371.87	204.64	188.77	15.87	12.895														
2,900.00	2,835.33	2,902.24	2,859.10	9.19	8.06	-138.86	-167.25	388.80	211.21	194.94	16.27	12.983														
3,000.00	2,932.39	3,002.03	2,956.94	9.42	8.31	-138.90	-177.03	405.73	217.78	201.09	16.69	13.049														
3,100.00	3,029.44	3,101.81	3,054.79	9.66	8.57	-138.94	-186.80	422.66	224.35	207.22	17.13	13.097														
3,200.00	3,126.50	3,201.59	3,152.64	9.91	8.83	-138.97	-196.58	439.60	230.92	213.33	17.59	13.129														
3,300.00	3,223.55	3,301.38	3,250.49	10.17	9.10	-139.01	-206.36	456.53	237.49	219.43	18.06	13.148														
3,400.00	3,320.61	3,401.16	3,348.34	10.44	9.38	-139.04	-216.13	473.46	244.06	225.51	18.55	13.155														
3,500.00	3,417.66	3,500.95	3,446.19	10.72	9.66	-139.07	-225.91	490.40	250.64	231.58	19.06	13.151														
3,600.00	3,514.71	3,600.73	3,544.04	11.00	9.95	-139.10	-235.68	507.33	257.21	237.63	19.57	13.140														
3,700.00	3,611.77	3,700.51	3,641.89	11.30	10.24	-139.12	-245.46	524.26	263.78	243.68	20.10	13.121														
3,800.00	3,708.82	3,800.30	3,739.74	11.60	10.54	-139.15	-255.24	541.19	270.35	249.71	20.64	13.096														
3,900.00	3,805.88	3,900.08	3,837.59	11.90	10.84	-139.18	-265.01	558.13	276.92	255.73	21.19	13.066														
4,000.00	3,902.93	4,000.14	3,935.44	12.22	11.15	-139.20	-274.79	575.06	283.50	261.74	21.75	13.031														
4,100.00	3,999.99	4,100.35	4,033.29	12.54	11.46	-139.22	-284.57	591.99	290.07	267.74	22.32	12.993														
4,200.00	4,097.04	4,200.57	4,131.14	12.86	11.77	-139.24	-294.34	608.92	296.64	273.74	22.90	12.953														
4,300.00	4,194.10	4,299.22	4,228.99	13.19	12.08	-139.26	-304.12	625.86	303.21	279.73	23.48	12.912														
4,400.00	4,291.15	4,401.00	4,326.84	13.52	12.41	-139.28	-313.89	642.79	309.78	285.70	24.08	12.865														
4,500.00	4,388.21	4,501.22	4,424.69	13.86	12.73	-139.30	-323.67	659.72	316.36	291.68	24.68	12.820														
4,600.00	4,485.26	4,601.43	4,522.54	14.20	13.05	-139.32	-333.45	676.66	322.93	297.65	25.28	12.774														
4,700.00	4,582.32	4,701.65	4,620.38	14.54	13.38	-139.34	-343.22	693.59	329.50	303.61	25.89	12.727														
4,800.00	4,679.37	4,801.87	4,718.23	14.89	13.71	-139.36	-353.00	710.52	336.07	309.57	26.50	12.680														
4,900.00	4,776.43	4,902.08	4,816.08	15.24	14.04	-139.37	-362.77	727.45	342.64	315.52	27.12	12.633														
5,000.00	4,873.48	5,002.30	4,913.93	15.59	14.37	-139.39	-372.55	744.39	349.22	321.47	27.75	12.585														

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
5,100.00	4,970.54	5,102.51	5,011.78	15.94	14.71	-139.40	-382.33	761.32	355.79	327.41	28.38	12.539		
5,200.00	5,067.59	5,202.73	5,109.63	16.30	15.04	-139.42	-392.10	778.25	362.36	333.35	29.01	12.492		
5,300.00	5,164.65	5,297.05	5,207.48	16.66	15.36	-139.43	-401.88	795.18	368.93	339.31	29.62	12.454		
5,400.00	5,261.70	5,396.84	5,305.33	17.02	15.69	-139.44	-411.65	812.12	375.51	345.25	30.26	12.409		
5,500.00	5,358.76	5,496.62	5,403.18	17.39	16.03	-139.46	-421.43	829.05	382.08	351.18	30.90	12.365		
5,600.00	5,455.81	5,596.40	5,501.03	17.75	16.37	-139.47	-431.21	845.98	388.65	357.11	31.54	12.321		
5,700.00	5,552.87	5,696.19	5,598.88	18.12	16.71	-139.48	-440.98	862.92	395.22	363.03	32.19	12.278		
5,800.00	5,649.92	5,804.03	5,696.73	18.49	17.08	-139.49	-450.76	879.85	401.80	368.93	32.86	12.226		
5,900.00	5,746.98	5,895.76	5,794.58	18.86	17.40	-139.50	-460.54	896.78	408.37	374.88	33.49	12.194		
6,000.00	5,844.03	6,004.46	5,892.43	19.24	17.77	-139.52	-470.31	913.71	414.94	380.77	34.17	12.143		
6,100.00	5,941.09	6,095.32	5,990.28	19.61	18.08	-139.53	-480.09	930.65	421.51	386.72	34.80	12.113		
6,200.00	6,038.14	6,204.89	6,088.13	19.98	18.46	-139.54	-489.86	947.58	428.09	392.60	35.49	12.063		
6,300.00	6,135.20	6,305.11	6,185.98	20.36	18.81	-139.55	-499.64	964.51	434.66	398.51	36.15	12.025		
6,400.00	6,232.25	6,405.33	6,283.82	20.74	19.16	-139.56	-509.42	981.44	441.23	404.42	36.81	11.987		
6,500.00	6,329.31	6,505.54	6,381.67	21.12	19.51	-139.57	-519.19	998.38	447.80	410.33	37.47	11.950		
6,600.00	6,426.37	6,605.76	6,479.52	21.49	19.86	-141.70	-528.97	1,015.31	454.37	416.23	38.14	11.914		
6,700.00	6,524.50	6,693.58	6,576.93	21.72	20.16	177.37	-538.70	1,032.17	460.08	421.30	38.79	11.862		
6,800.00	6,622.76	6,787.70	6,669.87	21.88	20.40	135.14	-548.05	1,043.05	465.32	425.87	39.45	11.796		
6,900.00	6,718.71	6,883.59	6,765.13	21.97	20.55	117.56	-557.80	1,040.01	471.10	431.15	39.95	11.792		
7,000.00	6,810.00	6,982.41	6,861.65	22.01	20.63	110.81	-567.86	1,021.88	477.36	437.04	40.32	11.840		
7,100.00	6,894.37	7,084.51	6,957.18	22.00	20.67	108.11	-578.02	987.64	483.93	443.39	40.54	11.938		
7,200.00	6,969.76	7,190.15	7,048.96	21.96	20.66	107.18	-587.99	936.53	490.57	449.95	40.62	12.077		
7,300.00	7,034.30	7,299.54	7,133.76	21.89	20.61	107.15	-597.46	868.30	497.01	456.40	40.61	12.239		
7,400.00	7,086.41	7,412.73	7,207.94	21.80	20.54	107.57	-606.04	783.43	502.89	462.31	40.58	12.393		
7,500.00	7,124.80	7,529.58	7,267.58	21.71	20.49	108.22	-613.33	683.41	507.84	467.20	40.64	12.495		
7,600.00	7,148.53	7,649.69	7,308.88	21.62	20.48	108.94	-618.89	570.95	511.52	470.59	40.92	12.500		
7,700.00	7,157.02	7,772.39	7,328.63	21.55	20.56	109.65	-622.36	450.09	513.59	472.09	41.50	12.375		
7,800.00	7,156.15	7,881.64	7,329.47	21.56	20.76	109.84	-623.76	340.88	513.62	471.21	42.41	12.111		
7,900.00	7,155.19	7,981.64	7,328.62	21.72	21.12	109.87	-624.87	240.89	513.32	469.78	43.55	11.788		
8,000.00	7,154.24	8,081.64	7,327.76	22.13	21.65	109.89	-625.99	140.90	513.02	468.14	44.88	11.430		
8,100.00	7,153.28	8,181.64	7,326.91	22.77	22.33	109.92	-627.10	40.91	512.73	466.32	46.41	11.049		
8,200.00	7,152.32	8,281.64	7,326.05	23.59	23.13	109.94	-628.21	-59.08	512.43	464.33	48.09	10.655		
8,300.00	7,151.36	8,381.64	7,325.20	24.52	24.04	109.96	-629.33	-159.07	512.13	462.20	49.93	10.257		
8,400.00	7,150.41	8,481.64	7,324.34	25.54	25.03	109.99	-630.44	-259.06	511.83	459.93	51.90	9.861		
8,500.00	7,149.45	8,581.64	7,323.49	26.64	26.09	110.01	-631.56	-359.05	511.53	457.54	53.99	9.474		
8,600.00	7,148.49	8,681.64	7,322.63	27.79	27.22	110.04	-632.67	-459.04	511.24	455.05	56.19	9.099		
8,700.00	7,147.54	8,781.64	7,321.78	29.00	28.40	110.06	-633.78	-559.03	510.94	452.46	58.48	8.738		
8,800.00	7,146.58	8,881.64	7,320.92	30.25	29.63	110.09	-634.90	-659.02	510.64	449.80	60.84	8.393		
8,900.00	7,145.62	8,981.64	7,320.07	31.54	30.90	110.11	-636.01	-759.01	510.34	447.06	63.29	8.064		
9,000.00	7,144.66	9,081.64	7,319.21	32.86	32.21	110.13	-637.13	-859.00	510.05	444.25	65.79	7.752		
9,100.00	7,143.71	9,181.64	7,318.36	34.21	33.55	110.16	-638.24	-958.98	509.75	441.39	68.36	7.457		
9,200.00	7,142.75	9,281.63	7,317.50	35.59	34.92	110.18	-639.35	-1,058.97	509.45	438.48	70.97	7.178		
9,300.00	7,141.79	9,381.63	7,316.65	36.99	36.31	110.21	-640.47	-1,158.96	509.15	435.52	73.63	6.915		
9,400.00	7,140.83	9,481.63	7,315.79	38.41	37.73	110.23	-641.58	-1,258.95	508.86	432.52	76.33	6.666		
9,500.00	7,139.88	9,581.63	7,314.94	39.86	39.16	110.26	-642.70	-1,358.94	508.56	429.49	79.07	6.432		
9,600.00	7,138.92	9,681.63	7,314.08	41.31	40.62	110.28	-643.81	-1,458.93	508.26	426.42	81.84	6.210		
9,700.00	7,137.96	9,781.63	7,313.23	42.79	42.09	110.31	-644.92	-1,558.92	507.97	423.33	84.64	6.002		
9,800.00	7,137.00	9,881.63	7,312.37	44.28	43.57	110.33	-646.04	-1,658.91	507.67	420.21	87.46	5.804		
9,900.00	7,136.05	9,981.63	7,311.52	45.78	45.07	110.36	-647.15	-1,758.90	507.37	417.06	90.31	5.618		
10,000.00	7,135.09	10,081.63	7,310.66	47.29	46.58	110.38	-648.27	-1,858.89	507.08	413.89	93.18	5.442		
10,100.00	7,134.13	10,181.63	7,309.81	48.81	48.10	110.41	-649.38	-1,958.88	506.78	410.71	96.07	5.275		
10,200.00	7,133.17	10,281.63	7,308.95	50.34	49.63	110.43	-650.50	-2,058.87	506.48	407.51	98.98	5.117		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,300.00	7,132.22	10,381.63	7,308.10	51.88	51.17	110.46	-651.61	-2,158.86	506.19	404.29	101.90	4.967		
10,400.00	7,131.26	10,481.63	7,307.24	53.43	52.72	110.48	-652.72	-2,258.85	505.89	401.05	104.84	4.825		
10,500.00	7,130.30	10,581.63	7,306.39	54.98	54.28	110.51	-653.84	-2,358.84	505.59	397.81	107.79	4.691		
10,600.00	7,129.34	10,681.63	7,305.53	56.55	55.84	110.53	-654.95	-2,458.83	505.30	394.55	110.75	4.562		
10,700.00	7,128.39	10,781.62	7,304.68	58.11	57.40	110.56	-656.07	-2,558.82	505.00	391.28	113.73	4.441		
10,800.00	7,127.43	10,881.62	7,303.82	59.69	58.98	110.58	-657.18	-2,658.81	504.71	388.00	116.71	4.324		
10,900.00	7,126.47	10,981.62	7,302.97	61.26	60.56	110.61	-658.29	-2,758.79	504.41	384.71	119.70	4.214		
11,000.00	7,125.51	11,081.62	7,302.11	62.85	62.14	110.63	-659.41	-2,858.78	504.12	381.41	122.71	4.108		
11,100.00	7,124.56	11,181.62	7,301.26	64.44	63.73	110.66	-660.52	-2,958.77	503.82	378.10	125.72	4.008		
11,200.00	7,123.60	11,281.62	7,300.40	66.03	65.32	110.68	-661.64	-3,058.76	503.52	374.79	128.73	3.911		
11,300.00	7,122.64	11,381.62	7,299.55	67.62	66.92	110.71	-662.75	-3,158.75	503.23	371.47	131.76	3.819		
11,400.00	7,121.68	11,481.62	7,298.69	69.22	68.52	110.73	-663.86	-3,258.74	502.93	368.14	134.79	3.731		
11,500.00	7,120.73	11,581.62	7,297.84	70.83	70.12	110.76	-664.98	-3,358.73	502.64	364.81	137.83	3.647		
11,600.00	7,119.77	11,681.62	7,296.98	72.43	71.73	110.78	-666.09	-3,458.72	502.34	361.48	140.87	3.566		
11,700.00	7,118.81	11,781.62	7,296.13	74.04	73.34	110.81	-667.21	-3,558.71	502.05	358.13	143.91	3.489		
11,800.00	7,117.85	11,881.62	7,295.27	75.65	74.95	110.83	-668.32	-3,658.70	501.75	354.79	146.97	3.414		
11,900.00	7,116.90	11,981.62	7,294.42	77.27	76.57	110.86	-669.44	-3,758.69	501.46	351.44	150.02	3.343		
12,000.00	7,115.94	12,081.62	7,293.56	78.88	78.18	110.88	-670.55	-3,858.68	501.16	348.08	153.08	3.274		
12,100.00	7,114.98	12,181.62	7,292.71	80.50	79.80	110.91	-671.66	-3,958.67	500.87	344.73	156.14	3.208		
12,200.00	7,114.02	12,281.61	7,291.85	82.12	81.43	110.93	-672.78	-4,058.66	500.58	341.36	159.21	3.144		
12,300.00	7,113.07	12,381.61	7,291.00	83.75	83.05	110.96	-673.89	-4,158.65	500.28	338.00	162.28	3.083		
12,400.00	7,112.11	12,481.61	7,290.14	85.37	84.68	110.98	-675.01	-4,258.64	499.99	334.63	165.35	3.024		
12,500.00	7,111.15	12,581.61	7,289.29	87.00	86.30	111.01	-676.12	-4,358.63	499.69	331.26	168.43	2.967		
12,600.00	7,110.19	12,681.61	7,288.43	88.63	87.93	111.04	-677.23	-4,458.62	499.40	327.89	171.51	2.912		
12,700.00	7,109.24	12,781.61	7,287.58	90.26	89.56	111.06	-678.35	-4,558.61	499.10	324.52	174.59	2.859		
12,800.00	7,108.28	12,881.61	7,286.72	91.89	91.20	111.09	-679.46	-4,658.59	498.81	321.14	177.67	2.807		
12,900.00	7,107.32	12,981.61	7,285.87	93.52	92.83	111.11	-680.58	-4,758.58	498.52	317.76	180.76	2.758		
13,000.00	7,106.36	13,081.61	7,285.01	95.16	94.47	111.14	-681.69	-4,858.57	498.22	314.38	183.84	2.710		
13,100.00	7,105.41	13,181.61	7,284.16	96.80	96.10	111.16	-682.80	-4,958.56	497.93	311.00	186.93	2.664		
13,200.00	7,104.45	13,281.61	7,283.30	98.43	97.74	111.19	-683.92	-5,058.55	497.64	307.61	190.02	2.619		
13,300.00	7,103.49	13,381.61	7,282.44	100.07	99.38	111.22	-685.03	-5,158.54	497.34	304.23	193.11	2.575		
13,400.00	7,102.53	13,481.61	7,281.59	101.71	101.02	111.24	-686.15	-5,258.53	497.05	300.84	196.21	2.533		
13,500.00	7,101.58	13,581.61	7,280.73	103.35	102.66	111.27	-687.26	-5,358.52	496.76	297.46	199.30	2.493		
13,600.00	7,100.62	13,681.60	7,279.88	104.99	104.30	111.29	-688.38	-5,458.51	496.46	294.07	202.40	2.453		
13,700.00	7,099.66	13,781.60	7,279.02	106.64	105.95	111.32	-689.49	-5,558.50	496.17	290.68	205.49	2.415		
13,800.00	7,098.70	13,881.60	7,278.17	108.28	107.59	111.34	-690.60	-5,658.49	495.88	287.29	208.59	2.377		
13,900.00	7,097.75	13,981.60	7,277.31	109.92	109.24	111.37	-691.72	-5,758.48	495.58	283.90	211.69	2.341		
14,000.00	7,096.79	14,081.60	7,276.46	111.57	110.88	111.40	-692.83	-5,858.47	495.29	280.50	214.79	2.306		
14,100.00	7,095.83	14,181.60	7,275.60	113.22	112.53	111.42	-693.95	-5,958.46	495.00	277.11	217.89	2.272		
14,200.00	7,094.87	14,281.60	7,274.75	114.86	114.18	111.45	-695.06	-6,058.45	494.71	273.72	220.99	2.239		
14,300.00	7,093.92	14,381.60	7,273.89	116.51	115.83	111.47	-696.17	-6,158.44	494.41	270.33	224.09	2.206		
14,400.00	7,092.96	14,481.60	7,273.04	118.16	117.48	111.50	-697.29	-6,258.43	494.12	266.93	227.19	2.175		
14,500.00	7,092.00	14,581.60	7,272.18	119.81	119.13	111.53	-698.40	-6,358.42	493.83	263.54	230.29	2.144		
14,600.00	7,091.04	14,681.60	7,271.33	121.46	120.78	111.55	-699.52	-6,458.40	493.54	260.14	233.40	2.115		
14,700.00	7,090.09	14,781.60	7,270.47	123.11	122.43	111.58	-700.63	-6,558.39	493.25	256.75	236.50	2.086		
14,800.00	7,089.13	14,881.60	7,269.62	124.76	124.08	111.61	-701.74	-6,658.38	492.95	253.35	239.60	2.057		
14,900.00	7,088.17	14,981.60	7,268.76	126.41	125.73	111.63	-702.86	-6,758.37	492.66	249.96	242.71	2.030		
15,000.00	7,087.21	15,081.60	7,267.91	128.07	127.38	111.66	-703.97	-6,858.36	492.37	246.56	245.81	2.003		
15,100.00	7,086.26	15,181.59	7,267.05	129.72	129.04	111.68	-705.09	-6,958.35	492.08	243.17	248.91	1.977		
15,200.00	7,085.30	15,281.59	7,266.20	131.37	130.69	111.71	-706.20	-7,058.34	491.79	239.77	252.02	1.951		
15,300.00	7,084.34	15,381.59	7,265.34	133.03	132.35	111.74	-707.31	-7,158.33	491.50	236.37	255.12	1.927		
15,331.10	7,084.04	15,412.70	7,265.08	133.54	132.86	111.75	-707.66	-7,189.43	491.41	235.32	256.09	1.919 SF		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
0.00	0.00	0.00	0.00	3.28	3.28	-4.76	40.07	-3.34	40.21				
100.00	100.00	100.00	100.00	3.28	3.28	-4.76	40.07	-3.34	40.21	32.68	7.53	5.341	
200.00	200.00	200.00	200.00	3.31	3.31	-4.76	40.07	-3.34	40.21	32.64	7.57	5.309 CC, ES	
300.00	300.00	300.16	300.16	3.35	3.35	-137.68	40.04	-3.28	40.63	32.97	7.66	5.305	
400.00	399.92	401.02	400.99	3.41	3.41	-138.48	38.76	-1.14	42.02	34.25	7.77	5.406	
500.00	499.64	501.92	501.70	3.49	3.49	-138.56	35.66	4.03	43.90	35.97	7.93	5.537	
600.00	599.05	602.84	602.16	3.60	3.60	-138.01	30.73	12.25	46.28	38.15	8.13	5.691	
700.00	698.03	703.79	702.24	3.74	3.74	-136.92	23.98	23.50	49.15	40.77	8.39	5.859	
800.00	796.44	804.75	801.82	3.93	3.91	-135.43	15.43	37.76	52.55	43.84	8.71	6.033	
900.00	894.18	905.44	900.50	4.16	4.14	-133.74	5.16	54.89	56.56	47.45	9.11	6.206	
1,000.00	991.29	1,005.29	998.17	4.45	4.39	-133.44	-5.52	72.69	62.00	52.41	9.59	6.466	
1,100.00	1,088.34	1,105.13	1,095.83	4.77	4.68	-133.37	-16.19	90.50	67.60	57.49	10.11	6.686	
1,200.00	1,185.40	1,204.97	1,193.50	5.11	4.98	-133.31	-26.87	108.30	73.20	62.52	10.68	6.856	
1,300.00	1,282.45	1,304.82	1,291.16	5.48	5.31	-133.25	-37.55	126.10	78.80	67.52	11.28	6.987	
1,400.00	1,379.51	1,404.66	1,388.82	5.87	5.65	-133.20	-48.22	143.90	84.40	72.49	11.91	7.087	
1,500.00	1,476.56	1,504.50	1,486.48	6.27	6.00	-133.16	-58.90	161.71	90.00	77.44	12.57	7.163	
1,600.00	1,573.62	1,604.35	1,584.14	6.68	6.37	-133.13	-69.57	179.51	95.60	82.36	13.24	7.219	
1,700.00	1,670.67	1,704.19	1,681.80	7.10	6.74	-133.09	-80.25	197.31	101.20	87.27	13.94	7.261	
1,800.00	1,767.73	1,804.03	1,779.46	7.53	7.12	-133.06	-90.93	215.12	106.80	92.16	14.64	7.295	
1,900.00	1,864.78	1,903.87	1,877.12	7.77	7.32	-133.04	-101.60	232.92	112.41	97.76	14.65	7.675	
2,000.00	1,961.84	2,003.72	1,974.78	7.83	7.37	-133.01	-112.28	250.72	118.01	103.28	14.73	8.012	
2,100.00	2,058.89	2,103.56	2,072.45	7.91	7.44	-132.99	-122.95	268.52	123.61	108.76	14.85	8.324	
2,200.00	2,155.95	2,203.40	2,170.11	8.01	7.52	-132.97	-133.63	286.33	129.21	114.20	15.01	8.610	
2,300.00	2,253.00	2,303.25	2,267.77	8.13	7.63	-132.95	-144.31	304.13	134.81	119.61	15.20	8.871	
2,400.00	2,350.06	2,403.09	2,365.43	8.26	7.75	-132.94	-154.98	321.93	140.41	124.99	15.42	9.105	
2,500.00	2,447.11	2,502.93	2,463.09	8.42	7.89	-132.92	-165.66	339.74	146.01	130.33	15.68	9.313	
2,600.00	2,544.17	2,602.78	2,560.75	8.59	8.04	-132.91	-176.33	357.54	151.61	135.65	15.96	9.497	
2,700.00	2,641.22	2,702.62	2,658.41	8.77	8.20	-132.89	-187.01	375.34	157.21	140.94	16.28	9.657	
2,800.00	2,738.28	2,802.46	2,756.07	8.98	8.38	-132.88	-197.68	393.14	162.82	146.19	16.62	9.795	
2,900.00	2,835.33	2,902.30	2,853.74	9.19	8.58	-132.87	-208.36	410.95	168.42	151.43	16.99	9.913	
3,000.00	2,932.39	3,002.15	2,951.40	9.42	8.78	-132.86	-219.04	428.75	174.02	156.64	17.38	10.012	
3,100.00	3,029.44	3,101.99	3,049.06	9.66	9.00	-132.85	-229.71	446.55	179.62	161.83	17.79	10.094	
3,200.00	3,126.50	3,201.83	3,146.72	9.91	9.22	-132.84	-240.39	464.36	185.22	166.99	18.23	10.161	
3,300.00	3,223.55	3,301.68	3,244.38	10.17	9.46	-132.83	-251.06	482.16	190.82	172.14	18.68	10.215	
3,400.00	3,320.61	3,401.52	3,342.04	10.44	9.70	-132.82	-261.74	499.96	196.42	177.27	19.15	10.257	
3,500.00	3,417.66	3,501.36	3,439.70	10.72	9.95	-132.82	-272.42	517.76	202.03	182.39	19.64	10.288	
3,600.00	3,514.71	3,601.21	3,537.36	11.00	10.21	-132.81	-283.09	535.57	207.63	187.49	20.14	10.310	
3,700.00	3,611.77	3,701.05	3,635.02	11.30	10.48	-132.80	-293.77	553.37	213.23	192.57	20.65	10.324	
3,800.00	3,708.82	3,800.89	3,732.69	11.60	10.75	-132.79	-304.44	571.17	218.83	197.65	21.18	10.330	
3,900.00	3,805.88	3,900.73	3,830.35	11.90	11.03	-132.79	-315.12	588.98	224.43	202.71	21.72	10.331	
4,000.00	3,902.93	4,000.58	3,928.01	12.22	11.32	-132.78	-325.80	606.78	230.03	207.76	22.28	10.327	
4,100.00	3,999.99	4,100.42	4,025.67	12.54	11.61	-132.78	-336.47	624.58	235.63	212.80	22.84	10.318	
4,200.00	4,097.04	4,200.26	4,123.33	12.86	11.90	-132.77	-347.15	642.38	241.23	217.83	23.41	10.306	
4,300.00	4,194.10	4,300.11	4,220.99	13.19	12.20	-132.76	-357.82	660.19	246.84	222.85	23.99	10.290	
4,400.00	4,291.15	4,400.05	4,318.65	13.52	12.51	-132.76	-368.50	677.99	252.44	227.86	24.58	10.271	
4,500.00	4,388.21	4,499.79	4,416.31	13.86	12.81	-132.75	-379.18	695.79	258.04	232.87	25.17	10.251	
4,600.00	4,485.26	4,599.64	4,513.98	14.20	13.13	-132.75	-389.85	713.60	263.64	237.86	25.77	10.229	
4,700.00	4,582.32	4,700.52	4,611.64	14.54	13.44	-132.75	-400.53	731.40	269.24	242.85	26.39	10.203	
4,800.00	4,679.37	4,799.32	4,709.30	14.89	13.76	-132.74	-411.20	749.20	274.84	247.84	27.00	10.180	
4,900.00	4,776.43	4,899.16	4,806.96	15.24	14.08	-132.74	-421.88	767.00	280.44	252.82	27.62	10.153	
5,000.00	4,873.48	4,999.01	4,904.62	15.59	14.40	-132.73	-432.55	784.81	286.04	257.80	28.25	10.127	
5,100.00	4,970.54	5,098.85	5,002.28	15.94	14.73	-132.73	-443.23	802.61	291.65	262.77	28.88	10.099	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	5,067.59	5,201.31	5,099.94	16.30	15.06	-132.73	-453.91	820.41	297.25	267.72	29.52	10.069		
5,300.00	5,164.65	5,301.46	5,197.60	16.66	15.39	-132.72	-464.58	838.22	302.85	272.69	30.16	10.040		
5,400.00	5,261.70	5,401.62	5,295.27	17.02	15.73	-132.72	-475.26	856.02	308.45	277.64	30.81	10.012		
5,500.00	5,358.76	5,498.22	5,392.93	17.39	16.05	-132.72	-485.93	873.82	314.05	282.60	31.45	9.987		
5,600.00	5,455.81	5,601.93	5,490.59	17.75	16.40	-132.71	-496.61	891.62	319.65	287.54	32.11	9.955		
5,700.00	5,552.87	5,702.09	5,588.25	18.12	16.74	-132.71	-507.29	909.43	325.25	292.49	32.77	9.926		
5,800.00	5,649.92	5,802.25	5,685.91	18.49	17.08	-132.71	-517.96	927.23	330.86	297.43	33.43	9.898		
5,900.00	5,746.98	5,902.41	5,783.57	18.86	17.42	-132.70	-528.64	945.03	336.46	302.37	34.09	9.870		
6,000.00	5,844.03	6,002.56	5,881.23	19.24	17.76	-132.70	-539.31	962.84	342.06	307.30	34.75	9.842		
6,100.00	5,941.09	6,102.72	5,978.89	19.61	18.11	-132.70	-549.99	980.64	347.66	312.24	35.42	9.815		
6,200.00	6,038.14	6,202.88	6,076.55	19.98	18.45	-132.70	-560.67	998.44	353.26	317.17	36.09	9.788		
6,300.00	6,135.20	6,303.03	6,174.22	20.36	18.80	-132.69	-571.34	1,016.24	358.86	322.10	36.76	9.761		
6,400.00	6,232.25	6,396.81	6,271.88	20.74	19.13	-132.69	-582.02	1,034.05	364.46	327.05	37.42	9.741		
6,500.00	6,329.31	6,496.80	6,370.35	21.12	19.38	-133.45	-592.84	1,047.02	370.04	332.11	37.93	9.755		
6,600.00	6,426.37	6,593.21	6,466.05	21.49	19.53	-138.49	-603.54	1,045.03	376.18	338.11	38.07	9.880		
6,700.00	6,524.50	6,685.05	6,555.93	21.72	19.61	175.84	-613.75	1,029.65	383.98	346.01	37.97	10.113		
6,800.00	6,622.76	6,773.99	6,639.99	21.88	19.65	128.06	-623.46	1,002.50	393.03	355.24	37.79	10.400		
6,900.00	6,718.71	6,860.49	6,717.35	21.97	19.64	105.27	-632.55	965.05	402.75	365.20	37.55	10.725		
7,000.00	6,810.00	6,944.97	6,787.36	22.01	19.61	93.73	-640.92	918.61	412.57	375.30	37.27	11.070		
7,100.00	6,894.37	7,027.82	6,849.47	22.00	19.57	86.69	-648.51	864.40	421.94	384.95	36.99	11.407		
7,200.00	6,969.76	7,109.36	6,903.25	21.96	19.52	81.96	-655.25	803.56	430.40	393.64	36.76	11.708		
7,300.00	7,034.30	7,189.89	6,948.36	21.89	19.48	78.66	-661.09	737.17	437.55	400.89	36.65	11.937		
7,400.00	7,086.41	7,269.68	6,984.47	21.80	19.45	76.41	-665.98	666.25	443.08	406.35	36.72	12.065		
7,500.00	7,124.80	7,350.00	7,011.63	21.71	19.45	75.02	-669.93	590.82	446.76	409.76	37.00	12.074		
7,600.00	7,148.53	7,428.05	7,028.78	21.62	19.49	74.37	-672.77	514.78	448.45	410.92	37.54	11.947		
7,700.00	7,157.02	7,507.10	7,036.59	21.55	19.58	74.40	-674.60	436.19	448.11	409.83	38.27	11.708		
7,800.00	7,156.15	7,600.97	7,036.36	21.56	19.79	74.47	-675.69	344.27	447.50	408.43	39.07	11.455		
7,900.00	7,155.19	7,700.97	7,035.30	21.72	20.20	74.45	-676.79	244.28	447.19	407.17	40.02	11.174		
8,000.00	7,154.24	7,800.97	7,034.25	22.13	20.78	74.43	-677.89	144.29	446.89	405.68	41.21	10.843		
8,100.00	7,153.28	7,900.97	7,033.19	22.77	21.51	74.40	-679.00	44.31	446.59	403.96	42.63	10.476		
8,200.00	7,152.32	8,000.97	7,032.14	23.59	22.37	74.38	-680.10	-55.68	446.29	402.05	44.24	10.087		
8,300.00	7,151.36	8,099.03	7,031.08	24.52	23.31	74.35	-681.20	-155.67	445.98	399.97	46.01	9.692		
8,400.00	7,150.41	8,200.97	7,030.03	25.54	24.37	74.33	-682.30	-255.66	445.68	397.70	47.98	9.289		
8,500.00	7,149.45	8,300.97	7,028.97	26.64	25.48	74.31	-683.40	-355.65	445.38	395.31	50.07	8.896		
8,600.00	7,148.49	8,400.97	7,027.92	27.79	26.65	74.28	-684.50	-455.63	445.08	392.81	52.27	8.515		
8,700.00	7,147.54	8,499.03	7,026.86	29.00	27.85	74.26	-685.60	-555.62	444.78	390.21	54.56	8.152		
8,800.00	7,146.58	8,600.97	7,025.81	30.25	29.15	74.23	-686.70	-655.61	444.47	387.48	56.99	7.799		
8,900.00	7,145.62	8,700.97	7,024.75	31.54	30.46	74.21	-687.80	-755.60	444.17	384.69	59.48	7.467		
9,000.00	7,144.66	8,800.97	7,023.70	32.86	31.80	74.19	-688.90	-855.58	443.87	381.83	62.04	7.154		
9,100.00	7,143.71	8,900.98	7,022.64	34.21	33.17	74.16	-690.01	-955.57	443.57	378.90	64.67	6.859		
9,200.00	7,142.75	9,000.98	7,021.59	35.59	34.57	74.14	-691.11	-1,055.56	443.27	375.92	67.35	6.582		
9,300.00	7,141.79	9,100.98	7,020.53	36.99	35.99	74.11	-692.21	-1,155.55	442.97	372.89	70.08	6.321		
9,400.00	7,140.83	9,199.02	7,019.48	38.41	37.41	74.09	-693.31	-1,255.54	442.66	369.84	72.82	6.079		
9,500.00	7,139.88	9,300.98	7,018.42	39.86	38.90	74.07	-694.41	-1,355.52	442.36	366.70	75.66	5.847		
9,600.00	7,138.92	9,400.98	7,017.37	41.31	40.37	74.04	-695.51	-1,455.51	442.06	363.56	78.51	5.631		
9,700.00	7,137.96	9,500.98	7,016.31	42.79	41.86	74.02	-696.61	-1,555.50	441.76	360.38	81.38	5.428		
9,800.00	7,137.00	9,600.98	7,015.26	44.28	43.37	73.99	-697.71	-1,655.49	441.46	357.17	84.28	5.238		
9,900.00	7,136.05	9,700.98	7,014.20	45.78	44.89	73.97	-698.81	-1,755.47	441.16	353.95	87.21	5.058		
10,000.00	7,135.09	9,800.98	7,013.15	47.29	46.41	73.94	-699.91	-1,855.46	440.86	350.69	90.16	4.890		
10,100.00	7,134.13	9,900.98	7,012.09	48.81	47.95	73.92	-701.02	-1,955.45	440.56	347.42	93.13	4.730		
10,200.00	7,133.17	10,000.98	7,011.04	50.34	49.50	73.89	-702.12	-2,055.44	440.25	344.14	96.12	4.580		
10,300.00	7,132.22	10,100.98	7,009.98	51.88	51.05	73.87	-703.22	-2,155.43	439.95	340.83	99.12	4.438		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,400.00	7,131.26	10,199.02	7,008.93	53.43	52.58	73.85	-704.32	-2,255.41	439.65	337.54	102.11	4.306		
10,500.00	7,130.30	10,300.98	7,007.87	54.98	54.18	73.82	-705.42	-2,355.40	439.35	334.18	105.18	4.177		
10,600.00	7,129.34	10,400.98	7,006.82	56.55	55.75	73.80	-706.52	-2,455.39	439.05	330.83	108.22	4.057		
10,700.00	7,128.39	10,500.99	7,005.76	58.11	57.33	73.77	-707.62	-2,555.38	438.75	327.47	111.28	3.943		
10,800.00	7,127.43	10,600.99	7,004.71	59.69	58.91	73.75	-708.72	-2,655.36	438.45	324.11	114.34	3.835		
10,900.00	7,126.47	10,700.99	7,003.65	61.26	60.50	73.72	-709.82	-2,755.35	438.15	320.73	117.42	3.732		
11,000.00	7,125.51	10,800.99	7,002.60	62.85	62.10	73.70	-710.92	-2,855.34	437.85	317.35	120.50	3.634		
11,100.00	7,124.56	10,900.99	7,001.54	64.44	63.69	73.67	-712.02	-2,955.33	437.55	313.95	123.60	3.540		
11,200.00	7,123.60	10,999.01	7,000.49	66.03	65.26	73.65	-713.13	-3,055.32	437.25	310.59	126.67	3.452		
11,300.00	7,122.64	11,100.99	6,999.43	67.62	66.90	73.62	-714.23	-3,155.30	436.95	307.15	129.80	3.366		
11,400.00	7,121.68	11,200.99	6,998.38	69.22	68.51	73.60	-715.33	-3,255.29	436.65	303.74	132.92	3.285		
11,500.00	7,120.73	11,300.99	6,997.32	70.83	70.12	73.57	-716.43	-3,355.28	436.35	300.32	136.03	3.208		
11,600.00	7,119.77	11,400.99	6,996.27	72.43	71.73	73.55	-717.53	-3,455.27	436.05	296.89	139.16	3.134		
11,700.00	7,118.81	11,499.01	6,995.21	74.04	73.32	73.52	-718.63	-3,555.25	435.75	293.50	142.25	3.063		
11,800.00	7,117.85	11,600.99	6,994.16	75.65	74.97	73.50	-719.73	-3,655.24	435.45	290.03	145.42	2.994		
11,900.00	7,116.90	11,700.99	6,993.10	77.27	76.59	73.47	-720.83	-3,755.23	435.15	286.60	148.56	2.929		
12,000.00	7,115.94	11,799.01	6,992.05	78.88	78.18	73.45	-721.93	-3,855.22	434.85	283.19	151.67	2.867		
12,100.00	7,114.98	11,900.99	6,990.99	80.50	79.84	73.42	-723.03	-3,955.20	434.55	279.71	154.84	2.806		
12,200.00	7,114.02	12,000.99	6,989.94	82.12	81.47	73.40	-724.14	-4,055.19	434.26	276.26	157.99	2.749		
12,300.00	7,113.07	12,101.00	6,988.88	83.75	83.10	73.37	-725.24	-4,155.18	433.96	272.81	161.14	2.693		
12,400.00	7,112.11	12,201.00	6,987.83	85.37	84.73	73.35	-726.34	-4,255.17	433.66	269.36	164.30	2.639		
12,500.00	7,111.15	12,301.00	6,986.77	87.00	86.36	73.32	-727.44	-4,355.16	433.36	265.90	167.46	2.588		
12,600.00	7,110.19	12,401.00	6,985.72	88.63	88.00	73.30	-728.54	-4,455.14	433.06	262.44	170.61	2.538		
12,700.00	7,109.24	12,501.00	6,984.66	90.26	89.63	73.27	-729.64	-4,555.13	432.76	258.98	173.78	2.490		
12,800.00	7,108.28	12,601.00	6,983.61	91.89	91.27	73.25	-730.74	-4,655.12	432.46	255.52	176.94	2.444		
12,900.00	7,107.32	12,701.00	6,982.55	93.52	92.91	73.22	-731.84	-4,755.11	432.16	252.06	180.11	2.399		
13,000.00	7,106.36	12,801.00	6,981.50	95.16	94.55	73.19	-732.94	-4,855.09	431.86	248.59	183.28	2.356		
13,100.00	7,105.41	12,901.00	6,980.44	96.80	96.19	73.17	-734.04	-4,955.08	431.57	245.12	186.45	2.315		
13,200.00	7,104.45	13,001.00	6,979.39	98.43	97.83	73.14	-735.15	-5,055.07	431.27	241.65	189.62	2.274		
13,300.00	7,103.49	13,101.00	6,978.33	100.07	99.47	73.12	-736.25	-5,155.06	430.97	238.18	192.79	2.235		
13,400.00	7,102.53	13,201.00	6,977.28	101.71	101.12	73.09	-737.35	-5,255.05	430.67	234.71	195.97	2.198		
13,500.00	7,101.58	13,301.00	6,976.22	103.35	102.76	73.07	-738.45	-5,355.03	430.37	231.23	199.14	2.161		
13,600.00	7,100.62	13,401.00	6,975.17	104.99	104.41	73.04	-739.55	-5,455.02	430.08	227.76	202.32	2.126		
13,700.00	7,099.66	13,501.00	6,974.11	106.64	106.05	73.02	-740.65	-5,555.01	429.78	224.28	205.50	2.091		
13,800.00	7,098.70	13,601.01	6,973.06	108.28	107.70	72.99	-741.75	-5,655.00	429.48	220.80	208.68	2.058		
13,900.00	7,097.75	13,701.01	6,972.00	109.92	109.35	72.96	-742.85	-5,754.98	429.18	217.32	211.86	2.026		
14,000.00	7,096.79	13,801.01	6,970.95	111.57	111.00	72.94	-743.95	-5,854.97	428.88	213.85	215.04	1.994		
14,100.00	7,095.83	13,901.01	6,969.89	113.22	112.65	72.91	-745.05	-5,954.96	428.59	210.37	218.22	1.964		
14,200.00	7,094.87	14,001.01	6,968.84	114.86	114.30	72.89	-746.16	-6,054.95	428.29	206.89	221.40	1.934		
14,300.00	7,093.92	14,101.01	6,967.78	116.51	115.95	72.86	-747.26	-6,154.94	427.99	203.41	224.59	1.906		
14,400.00	7,092.96	14,201.01	6,966.73	118.16	117.60	72.83	-748.36	-6,254.92	427.69	199.92	227.77	1.878		
14,500.00	7,092.00	14,301.01	6,965.67	119.81	119.26	72.81	-749.46	-6,354.91	427.40	196.44	230.95	1.851		
14,600.00	7,091.04	14,401.01	6,964.62	121.46	120.91	72.78	-750.56	-6,454.90	427.10	192.96	234.14	1.824		
14,700.00	7,090.09	14,501.01	6,963.56	123.11	122.56	72.76	-751.66	-6,554.89	426.80	189.48	237.33	1.798		
14,800.00	7,089.13	14,601.01	6,962.51	124.76	124.22	72.73	-752.76	-6,654.87	426.51	185.99	240.51	1.773		
14,900.00	7,088.17	14,701.01	6,961.45	126.41	125.87	72.70	-753.86	-6,754.86	426.21	182.51	243.70	1.749		
15,000.00	7,087.21	14,801.01	6,960.40	128.07	127.53	72.68	-754.96	-6,854.85	425.91	179.03	246.89	1.725		
15,100.00	7,086.26	14,901.01	6,959.34	129.72	129.18	72.65	-756.06	-6,954.84	425.62	175.54	250.07	1.702		
15,200.00	7,085.30	15,001.01	6,958.29	131.37	130.84	72.63	-757.16	-7,054.82	425.32	172.06	253.26	1.679		
15,300.00	7,084.34	15,101.01	6,957.23	133.03	132.49	72.60	-758.27	-7,154.81	425.02	168.58	256.45	1.657		
15,328.64	7,084.07	15,127.62	6,956.93	133.50	132.93	72.59	-758.58	-7,183.44	424.94	167.61	257.33	1.651 SF		
15,331.10	7,084.04	15,126.01	6,956.95	133.54	132.91	72.59	-758.56	-7,181.83	424.95	167.67	257.28	1.652		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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:	
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	-4.76	20.04	-1.67	20.11				
100.00	100.00	100.00	100.00	3.28	3.28	-4.76	20.04	-1.67	20.11	12.58	7.53	2.671	
200.00	200.00	200.00	200.00	3.31	3.31	-4.76	20.04	-1.67	20.11	12.53	7.57	2.655 CC	
300.00	300.00	300.19	300.19	3.35	3.35	-137.77	19.87	-1.44	20.38	12.72	7.66	2.661	
400.00	399.92	400.68	400.62	3.41	3.41	-138.43	17.96	1.09	21.10	13.33	7.77	2.716	
500.00	499.64	501.19	500.91	3.49	3.49	-138.37	13.94	6.45	22.05	14.12	7.92	2.782	
600.00	599.05	601.72	600.91	3.60	3.60	-137.70	7.81	14.61	23.21	15.09	8.12	2.857	
700.00	698.03	702.27	700.51	3.74	3.74	-136.50	-0.42	25.58	24.61	16.23	8.38	2.937	
800.00	796.44	802.83	799.59	3.93	3.92	-134.91	-10.75	39.34	26.25	17.55	8.70	3.017	
900.00	894.18	903.31	897.92	4.16	4.15	-133.09	-23.12	55.82	28.17	19.07	9.10	3.096	
1,000.00	991.29	1,003.26	995.49	4.45	4.42	-133.53	-36.16	73.18	31.25	21.68	9.57	3.266	
1,100.00	1,088.34	1,103.20	1,093.04	4.77	4.71	-134.19	-49.20	90.55	34.50	24.41	10.08	3.421	
1,200.00	1,185.40	1,203.15	1,190.60	5.11	5.03	-134.73	-62.24	107.92	37.75	27.11	10.64	3.549	
1,300.00	1,282.45	1,303.10	1,288.16	5.48	5.37	-135.18	-75.28	125.29	41.01	29.78	11.22	3.653	
1,400.00	1,379.51	1,403.04	1,385.72	5.87	5.73	-135.57	-88.32	142.65	44.27	32.43	11.84	3.739	
1,500.00	1,476.56	1,502.99	1,483.28	6.27	6.09	-135.91	-101.36	160.02	47.53	35.05	12.48	3.810	
1,600.00	1,573.62	1,602.94	1,580.84	6.68	6.47	-136.20	-114.40	177.39	50.79	37.66	13.13	3.868	
1,700.00	1,670.67	1,702.88	1,678.39	7.10	6.86	-136.46	-127.44	194.75	54.05	40.25	13.80	3.916	
1,800.00	1,767.73	1,802.83	1,775.95	7.53	7.25	-136.69	-140.48	212.12	57.31	42.83	14.49	3.957	
1,900.00	1,864.78	1,902.78	1,873.51	7.77	7.47	-136.89	-153.52	229.49	60.58	46.11	14.47	4.187	
2,000.00	1,961.84	2,002.72	1,971.07	7.83	7.52	-137.07	-166.56	246.86	63.85	49.31	14.54	4.392	
2,100.00	2,058.89	2,102.67	2,068.63	7.91	7.59	-137.24	-179.60	264.22	67.11	52.47	14.64	4.583	
2,200.00	2,155.95	2,202.61	2,166.19	8.01	7.68	-137.39	-192.64	281.59	70.38	55.59	14.79	4.760	
2,300.00	2,253.00	2,302.56	2,263.75	8.13	7.79	-137.53	-205.68	298.96	73.64	58.68	14.96	4.922	
2,400.00	2,350.06	2,402.51	2,361.30	8.26	7.91	-137.65	-218.72	316.32	76.91	61.74	15.17	5.069	
2,500.00	2,447.11	2,502.45	2,458.86	8.42	8.06	-137.76	-231.76	333.69	80.18	64.76	15.42	5.201	
2,600.00	2,544.17	2,602.40	2,556.42	8.59	8.21	-137.87	-244.80	351.06	83.45	67.76	15.69	5.318	
2,700.00	2,641.22	2,702.35	2,653.98	8.77	8.39	-137.97	-257.84	368.43	86.72	70.72	15.99	5.422	
2,800.00	2,738.28	2,802.29	2,751.54	8.98	8.57	-138.06	-270.88	385.79	89.98	73.66	16.32	5.513	
2,900.00	2,835.33	2,902.24	2,849.10	9.19	8.77	-138.14	-283.92	403.16	93.25	76.57	16.68	5.591	
3,000.00	2,932.39	3,002.19	2,946.65	9.42	8.98	-138.22	-296.96	420.53	96.52	79.46	17.06	5.658	
3,100.00	3,029.44	3,102.13	3,044.21	9.66	9.21	-138.29	-310.00	437.89	99.79	82.33	17.46	5.715	
3,200.00	3,126.50	3,202.08	3,141.77	9.91	9.44	-138.36	-323.04	455.26	103.06	85.18	17.88	5.763	
3,300.00	3,223.55	3,302.03	3,239.33	10.17	9.68	-138.43	-336.08	472.63	106.33	88.01	18.32	5.803	
3,400.00	3,320.61	3,401.97	3,336.89	10.44	9.93	-138.49	-349.12	490.00	109.60	90.82	18.78	5.835	
3,500.00	3,417.66	3,501.92	3,434.45	10.72	10.19	-138.55	-362.15	507.36	112.87	93.61	19.26	5.861	
3,600.00	3,514.71	3,601.87	3,532.00	11.00	10.46	-138.60	-375.19	524.73	116.14	96.39	19.75	5.881	
3,700.00	3,611.77	3,701.81	3,629.56	11.30	10.73	-138.65	-388.23	542.10	119.41	99.15	20.25	5.896	
3,800.00	3,708.82	3,801.76	3,727.12	11.60	11.02	-138.70	-401.27	559.46	122.68	101.91	20.77	5.906	
3,900.00	3,805.88	3,901.70	3,824.68	11.90	11.30	-138.74	-414.31	576.83	125.95	104.65	21.30	5.913	
4,000.00	3,902.93	4,001.65	3,922.24	12.22	11.60	-138.79	-427.35	594.20	129.22	107.38	21.84	5.916	
4,100.00	3,999.99	4,101.60	4,019.80	12.54	11.90	-138.83	-440.39	611.57	132.49	110.10	22.39	5.917	
4,200.00	4,097.04	4,201.54	4,117.36	12.86	12.20	-138.87	-453.43	628.93	135.76	112.81	22.95	5.915	
4,300.00	4,194.10	4,301.49	4,214.91	13.19	12.51	-138.91	-466.47	646.30	139.03	115.51	23.52	5.911	
4,400.00	4,291.15	4,401.44	4,312.47	13.52	12.82	-138.94	-479.51	663.67	142.30	118.20	24.10	5.905	
4,500.00	4,388.21	4,501.38	4,410.03	13.86	13.13	-138.98	-492.55	681.03	145.57	120.88	24.68	5.897	
4,600.00	4,485.26	4,601.33	4,507.59	14.20	13.45	-139.01	-505.59	698.40	148.84	123.56	25.28	5.889	
4,700.00	4,582.32	4,701.28	4,605.15	14.54	13.78	-139.04	-518.63	715.77	152.11	126.23	25.87	5.879	
4,800.00	4,679.37	4,801.22	4,702.71	14.89	14.10	-139.07	-531.67	733.14	155.38	128.90	26.48	5.868	
4,900.00	4,776.43	4,901.17	4,800.26	15.24	14.43	-139.10	-544.71	750.50	158.65	131.56	27.09	5.857	
5,000.00	4,873.48	5,001.12	4,897.82	15.59	14.76	-139.13	-557.75	767.87	161.92	134.22	27.70	5.844	
5,100.00	4,970.54	5,101.06	4,995.38	15.94	15.10	-139.15	-570.79	785.24	165.19	136.87	28.33	5.832	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	5,067.59	5,201.01	5,092.94	16.30	15.43	-139.18	-583.83	802.61	168.46	139.51	28.95	5.819		
5,300.00	5,164.65	5,300.96	5,190.50	16.66	15.77	-139.20	-596.87	819.97	171.73	142.15	29.58	5.806		
5,400.00	5,261.70	5,400.90	5,288.06	17.02	16.11	-139.23	-609.91	837.34	175.00	144.79	30.21	5.792		
5,500.00	5,358.76	5,500.85	5,385.61	17.39	16.46	-139.25	-622.95	854.71	178.27	147.42	30.85	5.779		
5,600.00	5,455.81	5,600.79	5,483.17	17.75	16.80	-139.27	-635.99	872.07	181.54	150.05	31.49	5.765		
5,700.00	5,552.87	5,700.74	5,580.73	18.12	17.15	-139.29	-649.03	889.44	184.81	152.68	32.13	5.751		
5,800.00	5,649.92	5,800.69	5,678.29	18.49	17.50	-139.31	-662.07	906.81	188.09	155.30	32.78	5.737		
5,900.00	5,746.98	5,900.63	5,775.85	18.86	17.85	-139.33	-675.11	924.18	191.36	157.92	33.43	5.724		
6,000.00	5,844.03	6,000.58	5,873.41	19.24	18.20	-139.35	-688.15	941.54	194.63	160.54	34.09	5.710		
6,100.00	5,941.09	6,100.53	5,970.97	19.61	18.55	-139.37	-701.19	958.91	197.90	163.16	34.74	5.696		
6,200.00	6,038.14	6,200.47	6,068.52	19.98	18.90	-139.39	-714.22	976.28	201.17	165.77	35.40	5.683		
6,300.00	6,135.20	6,300.42	6,166.08	20.36	19.26	-139.40	-727.26	993.64	204.44	168.38	36.06	5.670		
6,400.00	6,232.25	6,400.37	6,263.64	20.74	19.61	-139.42	-740.30	1,011.01	207.71	170.99	36.72	5.656		
6,500.00	6,329.31	6,500.31	6,361.20	21.12	19.97	-139.44	-753.34	1,028.38	210.98	173.60	37.39	5.643		
6,600.00	6,426.37	6,600.26	6,458.76	21.49	20.33	-141.55	-766.38	1,045.75	214.25	176.20	38.05	5.631		
6,700.00	6,524.50	6,698.26	6,554.95	21.72	20.60	177.92	-779.35	1,058.72	217.03	178.32	38.71	5.607		
6,800.00	6,622.76	6,796.28	6,651.94	21.88	20.76	135.16	-792.78	1,057.18	219.63	180.41	39.22	5.600		
6,900.00	6,718.71	6,895.14	6,748.30	21.97	20.86	117.05	-806.52	1,040.45	222.05	182.46	39.59	5.608		
7,000.00	6,810.00	6,994.90	6,841.70	22.01	20.91	109.79	-820.24	1,008.51	224.24	184.41	39.83	5.630		
7,100.00	6,894.37	7,095.59	6,929.75	22.00	20.91	106.58	-833.59	961.74	226.14	186.19	39.95	5.660		
7,200.00	6,969.76	7,197.22	7,010.04	21.96	20.88	105.19	-846.22	900.92	227.70	187.70	40.00	5.692		
7,300.00	7,034.30	7,299.75	7,080.25	21.89	20.81	104.74	-857.79	827.25	228.85	188.81	40.04	5.715		
7,400.00	7,086.41	7,403.15	7,138.24	21.80	20.74	104.82	-867.95	742.38	229.54	189.40	40.14	5.719		
7,500.00	7,124.80	7,507.34	7,182.11	21.71	20.67	105.20	-876.39	648.39	229.72	189.35	40.38	5.689		
7,600.00	7,148.53	7,612.21	7,210.32	21.62	20.62	105.78	-882.84	547.72	229.36	188.54	40.82	5.619		
7,700.00	7,157.02	7,717.62	7,221.79	21.55	20.62	106.47	-887.07	443.14	228.42	186.94	41.48	5.506		
7,800.00	7,156.15	7,818.86	7,221.30	21.56	20.73	106.70	-889.56	341.93	226.91	184.48	42.43	5.348		
7,900.00	7,155.19	7,918.85	7,220.39	21.72	21.03	106.83	-891.97	241.98	225.35	181.74	43.61	5.167		
8,000.00	7,154.24	8,018.84	7,219.48	22.13	21.54	106.96	-894.37	142.02	223.79	178.79	45.00	4.973		
8,100.00	7,153.28	8,118.82	7,218.58	22.77	22.24	107.10	-896.78	42.07	222.23	175.66	46.57	4.772		
8,200.00	7,152.32	8,218.81	7,217.67	23.59	23.08	107.24	-899.19	-57.88	220.67	172.36	48.31	4.568		
8,300.00	7,151.36	8,318.79	7,216.77	24.52	24.02	107.38	-901.59	-157.84	219.11	168.92	50.19	4.365		
8,400.00	7,150.41	8,418.78	7,215.86	25.54	25.05	107.52	-904.00	-257.79	217.56	165.34	52.21	4.167		
8,500.00	7,149.45	8,518.77	7,214.95	26.64	26.15	107.66	-906.40	-357.74	216.00	161.65	54.35	3.974		
8,600.00	7,148.49	8,618.75	7,214.05	27.79	27.30	107.81	-908.81	-457.70	214.45	157.86	56.59	3.789		
8,700.00	7,147.54	8,718.74	7,213.14	29.00	28.51	107.96	-911.22	-557.65	212.90	153.98	58.92	3.613		
8,800.00	7,146.58	8,818.73	7,212.23	30.25	29.77	108.11	-913.62	-657.60	211.35	150.02	61.33	3.446		
8,900.00	7,145.62	8,918.71	7,211.33	31.54	31.06	108.26	-916.03	-757.56	209.80	146.00	63.81	3.288		
9,000.00	7,144.66	9,018.70	7,210.42	32.86	32.39	108.42	-918.43	-857.51	208.25	141.91	66.34	3.139		
9,100.00	7,143.71	9,118.69	7,209.52	34.21	33.74	108.58	-920.84	-957.46	206.71	137.78	68.93	2.999		
9,200.00	7,142.75	9,218.67	7,208.61	35.59	35.13	108.74	-923.24	-1,057.42	205.17	133.59	71.57	2.867		
9,300.00	7,141.79	9,318.66	7,207.70	36.99	36.53	108.90	-925.65	-1,157.37	203.62	129.37	74.25	2.742		
9,400.00	7,140.83	9,418.65	7,206.80	38.41	37.96	109.06	-928.06	-1,257.32	202.08	125.12	76.96	2.626		
9,500.00	7,139.88	9,518.63	7,205.89	39.86	39.41	109.23	-930.46	-1,357.28	200.54	120.84	79.71	2.516		
9,600.00	7,138.92	9,618.62	7,204.99	41.31	40.87	109.40	-932.87	-1,457.23	199.01	116.53	82.48	2.413		
9,700.00	7,137.96	9,718.60	7,204.08	42.79	42.35	109.57	-935.27	-1,557.18	197.47	112.19	85.28	2.316		
9,800.00	7,137.00	9,818.59	7,203.17	44.28	43.84	109.75	-937.68	-1,657.14	195.94	107.84	88.10	2.224		
9,900.00	7,136.05	9,918.58	7,202.27	45.78	45.35	109.93	-940.08	-1,757.09	194.41	103.48	90.93	2.138		
10,000.00	7,135.09	10,018.56	7,201.36	47.29	46.86	110.11	-942.49	-1,857.04	192.88	99.10	93.78	2.057		
10,100.00	7,134.13	10,118.55	7,200.46	48.81	48.39	110.29	-944.90	-1,957.00	191.35	94.70	96.65	1.980		
10,200.00	7,133.17	10,218.54	7,199.55	50.34	49.92	110.48	-947.30	-2,056.95	189.83	90.30	99.52	1.907		
10,300.00	7,132.22	10,318.52	7,198.64	51.88	51.47	110.67	-949.71	-2,156.90	188.30	85.89	102.41	1.839		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,131.26	10,418.51	7,197.74	53.43	53.02	110.86	-952.11	-2,256.86	186.78	81.48	105.30	1.774	
10,500.00	7,130.30	10,518.50	7,196.83	54.98	54.57	111.06	-954.52	-2,356.81	185.26	77.06	108.20	1.712	
10,600.00	7,129.34	10,618.48	7,195.93	56.55	56.14	111.26	-956.93	-2,456.76	183.74	72.64	111.11	1.654	
10,700.00	7,128.39	10,718.47	7,195.02	58.11	57.71	111.46	-959.33	-2,556.72	182.23	68.21	114.02	1.598	
10,800.00	7,127.43	10,818.46	7,194.11	59.69	59.28	111.67	-961.74	-2,656.67	180.72	63.79	116.93	1.546	
10,900.00	7,126.47	10,918.44	7,193.21	61.26	60.86	111.88	-964.14	-2,756.62	179.21	59.36	119.84	1.495 Level 3	
11,000.00	7,125.51	11,018.43	7,192.30	62.85	62.45	112.09	-966.55	-2,856.58	177.70	54.94	122.76	1.448 Level 3	
11,100.00	7,124.56	11,118.41	7,191.40	64.44	64.04	112.31	-968.95	-2,956.53	176.19	50.52	125.67	1.402 Level 3	
11,200.00	7,123.60	11,218.40	7,190.49	66.03	65.63	112.53	-971.36	-3,056.48	174.69	46.11	128.58	1.359 Level 3	
11,300.00	7,122.64	11,318.39	7,189.58	67.62	67.23	112.75	-973.77	-3,156.44	173.19	41.70	131.49	1.317 Level 3	
11,400.00	7,121.68	11,418.37	7,188.68	69.22	68.83	112.98	-976.17	-3,256.39	171.69	37.29	134.40	1.277 Level 3	
11,500.00	7,120.73	11,518.36	7,187.77	70.83	70.44	113.21	-978.58	-3,356.34	170.20	32.90	137.30	1.240 Level 2	
11,600.00	7,119.77	11,618.35	7,186.87	72.43	72.04	113.45	-980.98	-3,456.30	168.71	28.51	140.20	1.203 Level 2	
11,700.00	7,118.81	11,718.33	7,185.96	74.04	73.65	113.69	-983.39	-3,556.25	167.22	24.13	143.09	1.169 Level 2	
11,800.00	7,117.85	11,818.32	7,185.05	75.65	75.26	113.93	-985.79	-3,656.20	165.73	19.76	145.98	1.135 Level 2	
11,900.00	7,116.90	11,918.31	7,184.15	77.27	76.88	114.18	-988.20	-3,756.16	164.25	15.40	148.85	1.103 Level 2	
12,000.00	7,115.94	12,018.29	7,183.24	78.88	78.50	114.44	-990.61	-3,856.11	162.77	11.05	151.72	1.073 Level 2	
12,100.00	7,114.98	12,118.28	7,182.33	80.50	80.12	114.70	-993.01	-3,956.06	161.29	6.71	154.58	1.043 Level 2	
12,200.00	7,114.02	12,217.35	7,181.44	82.12	81.72	114.95	-995.34	-4,055.11	159.88	2.51	157.37	1.016 Level 2	
12,229.93	7,113.74	12,245.84	7,181.18	82.61	82.19	114.97	-995.70	-4,083.59	159.74	1.62	158.12	1.010 Level 2	
12,300.00	7,113.07	12,319.07	7,180.58	83.75	83.38	114.87	-995.46	-4,150.11	160.48	0.45	160.03	1.003 Level 2	
12,400.00	7,112.11	12,412.34	7,179.67	85.37	84.89	114.53	-993.80	-4,250.07	162.69	-0.50	163.19	0.997 Level 1	
12,500.00	7,111.15	12,512.31	7,178.76	87.00	86.52	114.20	-992.14	-4,350.02	164.92	-1.54	166.45	0.991 Level 1	
12,600.00	7,110.19	12,612.28	7,177.86	88.63	88.15	113.87	-990.49	-4,449.97	167.14	-2.58	169.72	0.985 Level 1	
12,700.00	7,109.24	12,712.25	7,176.95	90.26	89.78	113.56	-988.83	-4,549.93	169.37	-3.62	173.00	0.979 Level 1	
12,800.00	7,108.28	12,812.22	7,176.05	91.89	91.42	113.25	-987.18	-4,649.88	171.61	-4.66	176.27	0.974 Level 1	
12,900.00	7,107.32	12,912.19	7,175.14	93.52	93.05	112.95	-985.52	-4,749.83	173.85	-5.70	179.56	0.968 Level 1	
13,000.00	7,106.36	13,012.16	7,174.23	95.16	94.69	112.66	-983.87	-4,849.78	176.10	-6.75	182.84	0.963 Level 1	
13,100.00	7,105.41	13,112.14	7,173.33	96.80	96.32	112.38	-982.21	-4,949.74	178.35	-7.79	186.13	0.958 Level 1	
13,200.00	7,104.45	13,212.11	7,172.42	98.43	97.96	112.10	-980.56	-5,049.69	180.60	-8.82	189.43	0.953 Level 1	
13,300.00	7,103.49	13,312.08	7,171.52	100.07	99.60	111.83	-978.90	-5,149.64	182.86	-9.86	192.73	0.949 Level 1	
13,400.00	7,102.53	13,412.05	7,170.61	101.71	101.24	111.57	-977.25	-5,249.60	185.13	-10.90	196.03	0.944 Level 1	
13,500.00	7,101.58	13,512.02	7,169.70	103.35	102.89	111.31	-975.59	-5,349.55	187.39	-11.94	199.33	0.940 Level 1	
13,600.00	7,100.62	13,611.99	7,168.80	104.99	104.53	111.06	-973.94	-5,449.50	189.66	-12.97	202.64	0.936 Level 1	
13,700.00	7,099.66	13,711.96	7,167.89	106.64	106.17	110.82	-972.28	-5,549.46	191.94	-14.01	205.94	0.932 Level 1	
13,800.00	7,098.70	13,811.93	7,166.99	108.28	107.82	110.58	-970.63	-5,649.41	194.22	-15.04	209.26	0.928 Level 1	
13,900.00	7,097.75	13,911.90	7,166.08	109.92	109.46	110.34	-968.97	-5,749.36	196.50	-16.07	212.57	0.924 Level 1	
14,000.00	7,096.79	14,011.87	7,165.17	111.57	111.11	110.12	-967.32	-5,849.31	198.78	-17.10	215.88	0.921 Level 1	
14,100.00	7,095.83	14,111.84	7,164.27	113.22	112.76	109.89	-965.66	-5,949.27	201.07	-18.14	219.20	0.917 Level 1	
14,200.00	7,094.87	14,211.81	7,163.36	114.86	114.41	109.67	-964.01	-6,049.22	203.36	-19.17	222.52	0.914 Level 1	
14,300.00	7,093.92	14,311.79	7,162.46	116.51	116.06	109.46	-962.35	-6,149.17	205.65	-20.19	225.84	0.911 Level 1	
14,400.00	7,092.96	14,411.76	7,161.55	118.16	117.71	109.25	-960.70	-6,249.13	207.95	-21.22	229.17	0.907 Level 1	
14,500.00	7,092.00	14,511.73	7,160.64	119.81	119.36	109.05	-959.04	-6,349.08	210.24	-22.25	232.49	0.904 Level 1	
14,600.00	7,091.04	14,611.70	7,159.74	121.46	121.01	108.85	-957.39	-6,449.03	212.54	-23.27	235.82	0.901 Level 1	
14,700.00	7,090.09	14,711.67	7,158.83	123.11	122.66	108.65	-955.73	-6,548.99	214.85	-24.30	239.15	0.898 Level 1	
14,800.00	7,089.13	14,811.64	7,157.93	124.76	124.32	108.46	-954.08	-6,648.94	217.15	-25.32	242.47	0.896 Level 1	
14,900.00	7,088.17	14,911.61	7,157.02	126.41	125.97	108.28	-952.42	-6,748.89	219.46	-26.34	245.81	0.893 Level 1	
15,000.00	7,087.21	15,011.58	7,156.12	128.07	127.62	108.09	-950.77	-6,848.84	221.77	-27.36	249.14	0.890 Level 1	
15,100.00	7,086.26	15,111.55	7,155.21	129.72	129.28	107.91	-949.11	-6,948.80	224.09	-28.38	252.47	0.888 Level 1	
15,200.00	7,085.30	15,211.52	7,154.30	131.37	130.93	107.74	-947.46	-7,048.75	226.40	-29.40	255.80	0.885 Level 1	
15,300.00	7,084.34	15,311.49	7,153.40	133.03	132.59	107.57	-945.80	-7,148.70	228.72	-30.42	259.14	0.883 Level 1	
15,331.10	7,084.04	15,342.59	7,153.12	133.54	133.10	107.51	-945.29	-7,179.79	229.44	-30.74	260.17	0.882 Level 1, ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	-41.58	407.30	-361.42	544.54				
100.00	100.00	103.30	103.30	3.28	3.28	-41.64	406.41	-361.37	543.89	536.53	7.36	73.939	
200.00	200.00	200.19	200.18	3.31	3.30	-41.73	405.13	-361.31	542.86	535.47	7.39	73.431	
235.71	235.71	235.76	235.75	3.32	3.30	-174.15	404.79	-361.29	542.72	535.31	7.41	73.203 CC	
300.00	300.00	299.80	299.78	3.35	3.32	-174.19	404.27	-361.19	542.75	535.29	7.46	72.727 ES	
400.00	399.92	400.31	400.29	3.41	3.37	-174.25	403.50	-360.92	545.82	538.26	7.56	72.167	
500.00	499.64	497.00	496.97	3.49	3.42	-174.36	402.85	-360.89	552.59	544.89	7.70	71.762	
600.00	599.05	598.18	598.15	3.60	3.49	-174.48	402.35	-360.86	562.96	555.09	7.87	71.489	
700.00	698.03	694.55	694.52	3.74	3.57	-174.58	402.16	-360.60	576.84	568.75	8.08	71.367	
800.00	796.44	788.18	788.15	3.93	3.65	-174.70	402.34	-360.84	594.77	586.45	8.32	71.481	
900.00	894.18	885.07	885.04	4.16	3.74	-174.88	402.68	-361.64	616.62	608.03	8.59	71.774	
1,000.00	991.29	981.14	981.11	4.45	3.84	-175.09	403.04	-362.51	641.26	632.37	8.89	72.133	
1,100.00	1,088.34	1,078.34	1,078.30	4.77	3.95	-175.32	403.29	-363.61	666.20	656.99	9.20	72.397	
1,200.00	1,185.40	1,173.59	1,173.54	5.11	4.07	-175.57	403.30	-364.96	691.17	681.64	9.54	72.485	
1,300.00	1,282.45	1,271.23	1,271.17	5.48	4.20	-175.83	403.13	-366.76	716.30	706.41	9.89	72.412	
1,400.00	1,379.51	1,369.91	1,369.83	5.87	4.33	-176.08	402.81	-368.37	741.19	730.93	10.27	72.181	
1,500.00	1,476.56	1,466.87	1,466.78	6.27	4.47	-176.30	402.48	-369.72	765.94	755.28	10.66	71.860	
1,600.00	1,573.62	1,562.29	1,562.19	6.68	4.62	-176.48	402.37	-370.97	790.79	779.73	11.06	71.497	
1,700.00	1,670.67	1,660.91	1,660.80	7.10	4.77	-176.68	402.18	-372.47	815.73	804.25	11.48	71.054	
1,800.00	1,767.73	1,759.53	1,759.40	7.53	4.93	-176.86	401.67	-373.77	840.33	828.41	11.91	70.546	
1,900.00	1,864.78	1,856.47	1,856.34	7.77	5.08	-177.02	401.30	-374.85	864.88	852.86	12.02	71.937	
2,000.00	1,961.84	1,952.46	1,952.33	7.83	5.24	-177.15	401.18	-375.71	889.47	877.27	12.20	72.893	
2,100.00	2,058.89	2,045.02	2,044.89	7.91	5.40	-177.26	401.29	-376.63	914.30	901.90	12.40	73.756	
2,200.00	2,155.95	2,134.73	2,134.58	8.01	5.56	-177.35	401.91	-377.88	939.79	927.18	12.60	74.560	
2,300.00	2,253.00	2,228.83	2,228.66	8.13	5.72	-177.42	403.25	-379.41	965.94	953.10	12.84	75.221	
2,400.00	2,350.06	2,329.42	2,329.23	8.26	5.90	-177.47	404.69	-380.39	991.64	978.53	13.11	75.634	
2,500.00	2,447.11	2,421.82	2,421.62	8.42	6.06	-177.51	406.27	-381.54	1,017.73	1,004.35	13.38	76.057	
2,600.00	2,544.17	2,533.81	2,533.59	8.59	6.27	-177.53	407.84	-382.16	1,043.14	1,029.43	13.71	76.085	
2,700.00	2,641.22	2,635.79	2,635.57	8.77	6.45	-177.56	408.29	-381.84	1,067.28	1,053.25	14.03	76.058	
2,800.00	2,738.28	2,723.23	2,723.00	8.98	6.61	-177.57	409.28	-381.69	1,092.00	1,077.66	14.34	76.155	
2,900.00	2,835.33	2,819.78	2,819.54	9.19	6.79	-177.60	410.29	-382.26	1,117.19	1,102.51	14.68	76.100	
3,000.00	2,932.39	2,925.87	2,925.63	9.42	6.99	-177.69	410.20	-383.07	1,141.71	1,126.66	15.06	75.830	
3,100.00	3,029.44	3,018.23	3,017.99	9.66	7.17	-177.77	410.02	-383.87	1,166.25	1,150.84	15.41	75.664	
3,200.00	3,126.50	3,116.01	3,115.76	9.91	7.36	-177.87	409.63	-385.09	1,190.92	1,175.12	15.79	75.399	
3,300.00	3,223.55	3,214.80	3,214.54	10.17	7.55	-177.98	409.01	-386.37	1,215.46	1,199.28	16.19	75.080	
3,400.00	3,320.61	3,312.92	3,312.64	10.44	7.74	-178.09	408.17	-387.69	1,239.90	1,223.30	16.59	74.732	
3,500.00	3,417.66	3,410.43	3,410.15	10.72	7.93	-178.18	407.54	-388.68	1,264.25	1,247.25	17.00	74.362	
3,600.00	3,514.71	3,503.90	3,503.61	11.00	8.12	-178.26	407.20	-389.56	1,288.73	1,271.32	17.41	74.020	
3,700.00	3,611.77	3,594.76	3,594.47	11.30	8.30	-178.32	407.21	-390.54	1,313.57	1,295.75	17.82	73.707	
3,800.00	3,708.82	3,694.20	3,693.90	11.60	8.50	-178.38	407.38	-391.67	1,338.56	1,320.30	18.26	73.299	
3,900.00	3,805.88	3,791.84	3,791.54	11.90	8.69	-178.45	407.22	-392.88	1,363.40	1,344.69	18.70	72.895	
4,000.00	3,902.93	3,890.07	3,889.75	12.22	8.89	-178.52	406.90	-394.16	1,388.17	1,369.02	19.15	72.477	
4,100.00	3,999.99	3,993.62	3,993.30	12.54	9.10	-178.59	406.51	-395.17	1,412.69	1,393.06	19.62	71.995	
4,200.00	4,097.04	4,094.70	4,094.37	12.86	9.30	-178.64	406.07	-395.64	1,436.81	1,416.72	20.09	71.522	
4,300.00	4,194.10	4,203.28	4,202.95	13.19	9.52	-178.71	404.98	-395.98	1,460.44	1,439.86	20.58	70.966	
4,400.00	4,291.15	4,298.54	4,298.19	13.52	9.71	-178.79	403.33	-396.50	1,483.75	1,462.71	21.04	70.519	
4,500.00	4,388.21	4,380.02	4,379.66	13.86	9.88	-178.86	402.26	-397.26	1,507.61	1,486.14	21.47	70.219	
4,600.00	4,485.26	4,460.84	4,460.48	14.20	10.04	-178.90	402.27	-398.17	1,532.50	1,510.60	21.90	69.973	
4,700.00	4,582.32	4,549.41	4,549.03	14.54	10.23	-178.91	403.32	-399.32	1,558.28	1,535.92	22.36	69.699	
4,800.00	4,679.37	4,641.25	4,640.86	14.89	10.41	-178.92	404.63	-400.56	1,584.26	1,561.43	22.83	69.406	
4,900.00	4,776.43	4,725.15	4,724.73	15.24	10.58	-178.95	405.85	-402.28	1,610.77	1,587.50	23.27	69.208	
5,000.00	4,873.48	4,803.04	4,802.57	15.59	10.74	-178.97	407.57	-404.46	1,638.28	1,614.57	23.71	69.108	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
5,100.00	4,970.54	4,895.34	4,894.78	15.94	10.93	-178.98	410.35	-407.15	1,666.42	1,642.23	24.18	68.906	
5,200.00	5,067.59	5,000.98	5,000.34	16.30	11.15	-178.97	413.71	-409.85	1,694.40	1,669.70	24.71	68.583	
5,300.00	5,164.65	5,099.70	5,098.99	16.66	11.35	-178.98	416.48	-412.20	1,722.03	1,696.82	25.21	68.310	
5,400.00	5,261.70	5,221.33	5,220.58	17.02	11.60	-178.98	419.12	-414.24	1,748.70	1,722.91	25.78	67.818	
5,500.00	5,358.76	5,315.13	5,314.36	17.39	11.80	-178.98	420.71	-415.58	1,774.92	1,748.64	26.28	67.542	
5,600.00	5,455.81	5,411.34	5,410.54	17.75	12.00	-178.99	422.31	-417.12	1,801.24	1,774.46	26.78	67.258	
5,700.00	5,552.87	5,514.69	5,513.86	18.12	12.21	-179.01	423.64	-418.84	1,827.35	1,800.04	27.31	66.916	
5,800.00	5,649.92	5,614.84	5,614.00	18.49	12.42	-179.02	424.94	-420.11	1,853.19	1,825.37	27.83	66.597	
5,900.00	5,746.98	5,715.11	5,714.25	18.86	12.63	-179.02	426.35	-421.05	1,878.88	1,850.53	28.35	66.279	
6,000.00	5,844.03	5,823.22	5,822.35	19.24	12.85	-179.02	427.70	-421.67	1,904.20	1,875.31	28.89	65.903	
6,100.00	5,941.09	5,931.76	5,930.89	19.61	13.08	-179.03	428.05	-422.05	1,928.73	1,899.29	29.44	65.508	
6,200.00	6,038.14	6,022.79	6,021.92	19.98	13.27	-179.05	428.36	-422.37	1,953.30	1,923.36	29.94	65.239	
6,300.00	6,135.20	6,117.52	6,116.64	20.36	13.47	-179.06	428.83	-422.85	1,978.07	1,947.62	30.45	64.958	
6,400.00	6,232.25	6,215.71	6,214.83	20.74	13.67	-179.07	429.31	-423.28	2,002.79	1,971.82	30.97	64.660	
6,500.00	6,329.31	6,304.47	6,303.59	21.12	13.86	-179.07	429.96	-423.77	2,027.75	1,996.28	31.47	64.436	
6,600.00	6,426.37	6,419.50	6,418.62	21.49	14.10	178.71	430.49	-424.08	2,052.28	2,020.24	32.04	64.048	
6,700.00	6,524.50	6,510.64	6,509.76	21.72	14.29	136.19	430.87	-424.16	2,070.33	2,037.87	32.46	63.780	
6,800.00	6,622.76	6,602.98	6,602.09	21.88	14.48	92.23	431.67	-424.25	2,077.51	2,044.69	32.82	63.308	
6,900.00	6,718.71	6,706.71	6,705.82	21.97	14.70	73.91	432.67	-424.17	2,073.54	2,040.40	33.14	62.560	
7,000.00	6,810.00	6,803.76	6,802.87	22.01	14.90	67.38	433.34	-423.90	2,058.70	2,025.30	33.40	61.633	
7,100.00	6,894.37	6,891.95	6,891.05	22.00	15.08	65.84	433.58	-423.73	2,034.02	2,000.42	33.61	60.526	
7,200.00	6,969.76	6,974.39	6,973.50	21.96	15.24	67.16	433.50	-423.57	2,000.76	1,966.96	33.80	59.195	
7,300.00	7,034.30	7,056.07	7,055.18	21.89	15.41	70.63	433.22	-422.96	1,960.37	1,926.33	34.04	57.585	
7,400.00	7,086.41	7,119.28	7,118.37	21.80	15.54	75.34	432.68	-421.95	1,914.53	1,880.21	34.32	55.781	
7,500.00	7,124.80	7,157.63	7,156.71	21.71	15.62	80.52	432.24	-421.32	1,865.65	1,831.01	34.65	53.849	
7,600.00	7,148.53	7,180.94	7,180.02	21.62	15.66	85.91	431.92	-420.98	1,815.74	1,780.67	35.07	51.778	
7,700.00	7,157.02	7,188.39	7,187.47	21.55	15.68	91.04	431.82	-420.87	1,766.57	1,730.98	35.59	49.643	
7,800.00	7,156.15	7,186.02	7,185.10	21.56	15.67	91.49	431.85	-420.90	1,720.32	1,684.12	36.20	47.527	
7,900.00	7,155.19	7,183.53	7,182.61	21.72	15.67	91.40	431.89	-420.94	1,678.74	1,641.82	36.92	45.472	
8,000.00	7,154.24	7,181.02	7,180.10	22.13	15.66	91.31	431.92	-420.97	1,642.21	1,604.46	37.74	43.511	
8,100.00	7,153.28	7,178.47	7,177.55	22.77	15.66	91.21	431.96	-421.01	1,611.05	1,572.40	38.66	41.675	
8,200.00	7,152.32	7,175.90	7,174.98	23.59	15.65	91.12	431.99	-421.05	1,585.60	1,545.95	39.65	39.994	
8,300.00	7,151.36	7,173.31	7,172.39	24.52	15.65	91.02	432.03	-421.09	1,566.13	1,525.44	40.69	38.493	
8,400.00	7,150.41	7,170.68	7,169.76	25.54	15.64	90.92	432.07	-421.12	1,552.86	1,511.10	41.76	37.189	
8,500.00	7,149.45	7,168.03	7,167.11	26.64	15.64	90.82	432.10	-421.16	1,545.95	1,503.13	42.83	36.097	
8,557.06	7,148.90	7,166.50	7,165.59	27.30	15.63	90.77	432.12	-421.19	1,544.90	1,501.46	43.44	35.565	
8,600.00	7,148.49	7,165.35	7,164.43	27.79	15.63	90.72	432.14	-421.20	1,545.50	1,501.62	43.88	35.221	
8,700.00	7,147.54	7,162.64	7,161.72	29.00	15.63	90.62	432.17	-421.24	1,551.50	1,506.61	44.89	34.563	
8,800.00	7,146.58	7,159.90	7,158.99	30.25	15.62	90.52	432.21	-421.29	1,563.87	1,518.04	45.84	34.120	
8,900.00	7,145.62	7,157.13	7,156.22	31.54	15.62	90.42	432.24	-421.33	1,582.48	1,535.78	46.71	33.882	
9,000.00	7,144.66	7,154.33	7,153.42	32.86	15.61	90.32	432.28	-421.37	1,607.10	1,559.61	47.49	33.841 SF	
9,100.00	7,143.71	7,151.51	7,150.59	34.21	15.60	90.21	432.31	-421.42	1,637.47	1,589.28	48.18	33.983	
9,200.00	7,142.75	7,148.65	7,147.73	35.59	15.60	90.11	432.35	-421.46	1,673.26	1,624.48	48.79	34.297	
9,300.00	7,141.79	7,145.75	7,144.84	36.99	15.59	90.00	432.38	-421.51	1,714.15	1,664.85	49.30	34.769	
9,400.00	7,140.83	7,142.83	7,141.92	38.41	15.59	89.89	432.42	-421.55	1,759.77	1,710.04	49.73	35.386	
9,500.00	7,139.88	7,139.87	7,138.96	39.86	15.58	89.78	432.45	-421.60	1,809.76	1,759.68	50.08	36.135	
9,600.00	7,138.92	7,136.88	7,135.97	41.31	15.57	89.67	432.49	-421.65	1,863.78	1,813.42	50.37	37.004	
9,700.00	7,137.96	7,133.86	7,132.95	42.79	15.57	89.56	432.52	-421.70	1,921.49	1,870.90	50.59	37.982	
9,800.00	7,137.00	7,130.80	7,129.89	44.28	15.56	89.44	432.56	-421.75	1,982.56	1,931.80	50.76	39.058	
9,900.00	7,136.05	7,127.71	7,126.80	45.78	15.56	89.33	432.59	-421.80	2,046.69	1,995.81	50.88	40.223	
10,000.00	7,135.09	7,124.58	7,123.67	47.29	15.55	89.21	432.63	-421.85	2,113.60	2,062.64	50.97	41.469	
10,100.00	7,134.13	7,121.41	7,120.51	48.81	15.54	89.10	432.66	-421.91	2,183.05	2,132.02	51.02	42.787	

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,133.17	7,118.21	7,117.30	50.34	15.54	88.98	432.69	-421.96	2,254.78	2,203.73	51.05	44.170	
10,300.00	7,132.22	7,114.97	7,114.06	51.88	15.53	88.86	432.73	-422.02	2,328.60	2,277.54	51.05	45.612	
10,400.00	7,131.26	7,111.69	7,110.79	53.43	15.52	88.74	432.76	-422.08	2,404.30	2,353.26	51.04	47.106	
10,500.00	7,130.30	7,108.38	7,107.47	54.98	15.52	88.61	432.79	-422.14	2,481.73	2,430.72	51.01	48.649	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	-170.22	-746.47	-128.73	757.48				
100.00	100.00	102.61	102.61	3.28	3.28	-170.23	-746.38	-128.58	757.38	750.02	7.36	102.958	
164.21	164.21	165.21	165.21	3.29	3.29	-170.23	-746.33	-128.50	757.31	749.94	7.38	102.681	
200.00	200.00	200.16	200.16	3.31	3.30	-170.23	-746.35	-128.51	757.33	749.94	7.39	102.446	
300.00	300.00	299.79	299.79	3.35	3.32	57.40	-746.51	-128.38	757.13	749.67	7.46	101.466	
400.00	399.92	404.10	404.10	3.41	3.37	57.68	-746.42	-128.10	754.94	747.37	7.56	99.824	
500.00	499.64	504.82	504.82	3.49	3.42	58.21	-745.97	-127.83	750.56	742.86	7.70	97.469	
600.00	599.05	601.52	601.52	3.60	3.49	58.98	-745.67	-127.57	744.55	736.67	7.87	94.548	
700.00	698.03	700.55	700.55	3.74	3.57	60.06	-745.48	-127.50	737.05	728.96	8.09	91.065	
800.00	796.44	798.36	798.35	3.93	3.65	61.41	-745.29	-127.61	728.12	719.76	8.36	87.110	
900.00	894.18	896.33	896.32	4.16	3.75	63.06	-745.12	-127.72	717.96	709.28	8.68	82.742	
1,000.00	991.29	995.64	995.63	4.45	3.86	64.87	-744.77	-127.80	706.93	697.87	9.05	78.087	
1,100.00	1,088.34	1,093.68	1,093.67	4.77	3.97	66.66	-744.19	-127.87	696.23	686.76	9.47	73.513	
1,200.00	1,185.40	1,190.27	1,190.26	5.11	4.10	68.46	-743.60	-127.80	686.18	676.26	9.93	69.135	
1,300.00	1,282.45	1,287.02	1,287.01	5.48	4.22	70.29	-743.15	-127.51	676.92	666.51	10.41	65.003	
1,400.00	1,379.51	1,382.90	1,382.89	5.87	4.36	72.14	-742.85	-127.12	668.49	657.56	10.93	61.164	
1,500.00	1,476.56	1,478.93	1,478.92	6.27	4.50	74.04	-742.71	-126.77	661.01	649.54	11.47	57.628	
1,600.00	1,573.62	1,574.72	1,574.71	6.68	4.64	75.96	-742.71	-126.53	654.47	642.44	12.03	54.402	
1,700.00	1,670.67	1,671.77	1,671.76	7.10	4.79	77.95	-742.82	-126.36	648.89	636.28	12.61	51.461	
1,800.00	1,767.73	1,768.12	1,768.11	7.53	4.94	79.95	-742.99	-126.12	644.16	630.96	13.20	48.792	
1,900.00	1,864.78	1,864.57	1,864.56	7.77	5.09	81.97	-743.25	-125.99	640.42	627.02	13.40	47.784	
2,000.00	1,961.84	1,960.62	1,960.61	7.83	5.25	84.04	-743.43	-126.15	637.66	624.03	13.63	46.777	
2,100.00	2,058.89	2,056.50	2,056.49	7.91	5.41	86.11	-743.74	-126.45	635.99	622.11	13.88	45.814	
2,200.00	2,155.95	2,153.37	2,153.36	8.01	5.57	88.24	-743.97	-127.06	635.37	621.21	14.15	44.890	
2,221.45	2,176.77	2,174.33	2,174.31	8.03	5.61	88.70	-744.01	-127.20	635.35	621.13	14.22	44.690	
2,300.00	2,253.00	2,249.86	2,249.84	8.13	5.74	90.37	-744.11	-127.72	635.65	621.21	14.44	44.009	
2,400.00	2,350.06	2,347.23	2,347.21	8.26	5.91	92.52	-744.35	-128.47	637.00	622.25	14.75	43.179	
2,500.00	2,447.11	2,445.41	2,445.39	8.42	6.08	94.69	-744.20	-129.24	639.04	623.96	15.08	42.380	
2,600.00	2,544.17	2,542.32	2,542.29	8.59	6.26	96.85	-743.79	-130.18	642.00	626.58	15.42	41.643	
2,700.00	2,641.22	2,638.41	2,638.37	8.77	6.43	98.98	-743.30	-131.17	645.90	630.14	15.77	40.968	
2,800.00	2,738.28	2,733.56	2,733.51	8.98	6.61	101.06	-742.99	-132.33	651.01	634.89	16.12	40.374	
2,900.00	2,835.33	2,829.14	2,829.09	9.19	6.79	103.14	-742.52	-133.78	657.20	640.70	16.49	39.845	
3,000.00	2,932.39	2,923.02	2,922.94	9.42	6.96	105.15	-742.14	-135.50	664.61	647.74	16.87	39.399	
3,100.00	3,029.44	3,017.06	3,016.97	9.66	7.14	107.10	-742.20	-137.48	673.37	656.12	17.25	39.031	
3,200.00	3,126.50	3,114.37	3,114.25	9.91	7.33	109.07	-742.31	-139.59	683.06	665.41	17.65	38.698	
3,300.00	3,223.55	3,210.91	3,210.77	10.17	7.52	110.94	-742.74	-141.52	693.55	675.49	18.06	38.411	
3,400.00	3,320.61	3,309.57	3,309.42	10.44	7.71	112.77	-743.35	-143.25	704.65	686.17	18.47	38.143	
3,500.00	3,417.66	3,405.10	3,404.93	10.72	7.89	114.48	-744.13	-144.85	716.43	697.54	18.89	37.927	
3,600.00	3,514.71	3,501.92	3,501.73	11.00	8.08	116.12	-745.31	-146.38	728.94	709.62	19.32	37.738	
3,700.00	3,611.77	3,598.65	3,598.44	11.30	8.27	117.68	-746.81	-147.82	742.06	722.31	19.75	37.577	
3,800.00	3,708.82	3,694.22	3,693.97	11.60	8.46	119.14	-748.76	-149.21	755.84	735.66	20.18	37.450	
3,900.00	3,805.88	3,793.36	3,793.07	11.90	8.65	120.56	-751.28	-150.48	770.09	749.46	20.63	37.323	
4,000.00	3,902.93	3,889.99	3,889.67	12.22	8.85	121.88	-753.88	-151.56	784.67	763.59	21.08	37.221	
4,100.00	3,999.99	3,988.49	3,988.13	12.54	9.04	123.18	-756.57	-152.64	799.65	778.11	21.54	37.125	
4,200.00	4,097.04	4,082.71	4,082.31	12.86	9.23	124.38	-759.01	-153.76	815.07	793.08	21.99	37.068	
4,300.00	4,194.10	4,183.73	4,183.29	13.19	9.43	125.67	-761.04	-155.16	830.95	808.49	22.46	36.997	
4,400.00	4,291.15	4,284.26	4,283.80	13.52	9.64	126.93	-762.56	-156.09	846.68	823.75	22.93	36.922	
4,500.00	4,388.21	4,384.05	4,383.59	13.86	9.84	128.15	-763.85	-156.70	862.45	839.05	23.40	36.851	
4,600.00	4,485.26	4,482.06	4,481.59	14.20	10.04	129.34	-764.43	-157.19	878.38	854.51	23.87	36.794	
4,700.00	4,582.32	4,577.55	4,577.08	14.54	10.23	130.50	-764.49	-157.75	894.71	870.37	24.34	36.765	
4,800.00	4,679.37	4,674.35	4,673.88	14.89	10.43	131.62	-764.70	-158.44	911.53	886.72	24.81	36.747	
4,900.00	4,776.43	4,773.37	4,772.90	15.24	10.63	132.72	-764.98	-159.03	928.59	903.31	25.28	36.725	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	4,873.48	4,868.41	4,867.94	15.59	10.83	133.76	-764.97	-159.53	945.88	920.13	25.75	36.728	
5,100.00	4,970.54	4,965.66	4,965.18	15.94	11.03	134.78	-765.00	-160.26	963.70	937.47	26.23	36.738	
5,200.00	5,067.59	5,060.77	5,060.29	16.30	11.23	135.75	-765.07	-160.90	981.75	955.04	26.71	36.761	
5,300.00	5,164.65	5,154.93	5,154.44	16.66	11.42	136.66	-765.29	-161.85	1,000.39	973.21	27.18	36.807	
5,400.00	5,261.70	5,250.32	5,249.83	17.02	11.62	137.55	-765.57	-163.00	1,019.47	991.82	27.66	36.859	
5,500.00	5,358.76	5,345.08	5,344.58	17.39	11.82	138.39	-765.91	-164.28	1,038.94	1,010.80	28.14	36.923	
5,600.00	5,455.81	5,440.60	5,440.08	17.75	12.02	139.21	-766.28	-165.79	1,058.86	1,030.24	28.62	36.994	
5,700.00	5,552.87	5,538.34	5,537.82	18.12	12.22	140.02	-766.68	-167.30	1,078.95	1,049.84	29.12	37.057	
5,800.00	5,649.92	5,634.47	5,633.93	18.49	12.42	140.80	-766.87	-168.75	1,099.22	1,069.61	29.61	37.129	
5,900.00	5,746.98	5,730.40	5,729.84	18.86	12.62	141.60	-766.13	-170.27	1,119.83	1,089.74	30.09	37.212	
6,000.00	5,844.03	5,828.22	5,827.65	19.24	12.82	142.41	-764.83	-171.61	1,140.51	1,109.93	30.59	37.288	
6,100.00	5,941.09	5,920.27	5,919.68	19.61	13.01	143.15	-763.58	-173.08	1,161.61	1,130.55	31.06	37.396	
6,200.00	6,038.14	6,012.52	6,011.90	19.98	13.21	143.87	-762.14	-174.88	1,183.28	1,151.74	31.54	37.517	
6,300.00	6,135.20	6,108.16	6,105.51	20.36	13.40	144.58	-760.48	-176.95	1,205.42	1,173.40	32.02	37.642	
6,400.00	6,232.25	6,201.37	6,200.67	20.74	13.60	145.29	-758.70	-179.19	1,227.90	1,195.39	32.51	37.766	
6,500.00	6,329.31	6,298.83	6,298.09	21.12	13.81	145.97	-757.33	-181.56	1,250.55	1,217.54	33.02	37.878	
6,600.00	6,426.37	6,408.67	6,407.91	21.49	14.04	144.55	-756.61	-183.73	1,272.76	1,239.20	33.56	37.924	
6,700.00	6,524.50	6,510.51	6,509.74	21.72	14.25	103.48	-756.38	-185.14	1,285.71	1,251.75	33.96	37.858	
6,800.00	6,622.76	6,610.78	6,610.00	21.88	14.46	60.35	-756.35	-186.32	1,283.24	1,248.95	34.30	37.416	
6,900.00	6,718.71	6,710.16	6,709.38	21.97	14.67	42.26	-756.67	-187.36	1,265.59	1,231.02	34.57	36.608	
7,000.00	6,810.00	6,806.36	6,805.57	22.01	14.88	35.60	-757.05	-188.06	1,233.22	1,198.44	34.78	35.454	
7,100.00	6,894.37	6,890.56	6,889.77	22.00	15.05	33.73	-757.33	-188.54	1,187.30	1,152.38	34.92	34.004	
7,200.00	6,969.76	6,967.34	6,966.55	21.96	15.22	34.90	-757.69	-188.98	1,129.26	1,094.26	35.01	32.259	
7,300.00	7,034.30	7,033.36	7,032.56	21.89	15.36	38.82	-758.09	-189.32	1,060.74	1,025.68	35.06	30.252	
7,400.00	7,086.41	7,086.72	7,085.92	21.80	15.47	45.99	-758.44	-189.56	983.75	948.64	35.11	28.021	
7,500.00	7,124.80	7,125.94	7,125.14	21.71	15.55	57.22	-758.70	-189.70	900.57	865.41	35.16	25.614	
7,600.00	7,148.53	7,150.29	7,149.49	21.62	15.60	72.52	-758.88	-189.79	813.73	778.48	35.25	23.086	
7,700.00	7,157.02	7,159.24	7,158.44	21.55	15.62	89.29	-758.95	-189.83	725.94	690.53	35.41	20.503	
7,800.00	7,156.15	7,158.74	7,157.94	21.56	15.62	90.96	-758.95	-189.82	640.33	604.66	35.67	17.950	
7,900.00	7,155.19	7,158.15	7,157.35	21.72	15.62	90.87	-758.94	-189.82	559.50	523.39	36.12	15.492	
8,000.00	7,154.24	7,157.56	7,156.76	22.13	15.62	90.77	-758.94	-189.82	485.87	449.04	36.83	13.192	
8,100.00	7,153.28	7,156.97	7,156.17	22.77	15.62	90.67	-758.93	-189.82	423.19	385.28	37.90	11.165	
8,200.00	7,152.32	7,156.38	7,155.58	23.59	15.61	90.58	-758.93	-189.82	376.97	337.68	39.29	9.594	
8,300.00	7,151.36	7,155.79	7,154.99	24.52	15.61	90.48	-758.92	-189.81	353.73	313.08	40.65	8.702	
8,334.90	7,151.03	7,155.58	7,154.78	24.88	15.61	90.45	-758.92	-189.81	352.01	311.00	41.01	8.583 CC, ES, SF	
8,400.00	7,150.41	7,155.20	7,154.40	25.54	15.61	90.38	-758.92	-189.81	357.97	316.57	41.40	8.647	
8,500.00	7,149.45	7,154.60	7,153.80	26.64	15.61	90.29	-758.91	-189.81	388.80	347.45	41.34	9.404	
8,600.00	7,148.49	7,154.01	7,153.21	27.79	15.61	90.19	-758.91	-189.81	440.66	399.87	40.79	10.804	
8,700.00	7,147.54	7,153.42	7,152.62	29.00	15.61	90.10	-758.91	-189.81	507.15	467.05	40.09	12.649	
8,800.00	7,146.58	7,152.83	7,152.03	30.25	15.61	90.00	-758.90	-189.80	583.28	543.83	39.45	14.784	
8,900.00	7,145.62	7,152.24	7,151.44	31.54	15.61	89.90	-758.90	-189.80	665.76	626.84	38.92	17.106	
9,000.00	7,144.66	7,151.65	7,150.85	32.86	15.60	89.81	-758.89	-189.80	752.49	714.00	38.49	19.549	
9,100.00	7,143.71	7,151.06	7,150.26	34.21	15.60	89.71	-758.89	-189.80	842.18	804.02	38.15	22.073	
9,200.00	7,142.75	7,150.47	7,149.67	35.59	15.60	89.62	-758.88	-189.79	933.96	896.07	37.89	24.652	
9,300.00	7,141.79	7,149.88	7,149.08	36.99	15.60	89.52	-758.88	-189.79	1,027.27	989.60	37.67	27.268	
9,400.00	7,140.83	7,149.29	7,148.49	38.41	15.60	89.42	-758.87	-189.79	1,121.74	1,084.24	37.50	29.911	
9,500.00	7,139.88	7,148.71	7,147.91	39.86	15.60	89.33	-758.87	-189.79	1,217.09	1,179.72	37.37	32.571	
9,600.00	7,138.92	7,148.12	7,147.32	41.31	15.60	89.23	-758.86	-189.79	1,313.13	1,275.88	37.26	35.244	
9,700.00	7,137.96	7,147.53	7,146.73	42.79	15.60	89.14	-758.86	-189.78	1,409.73	1,372.56	37.17	37.926	
9,800.00	7,137.00	7,146.94	7,146.14	44.28	15.59	89.04	-758.86	-189.78	1,506.76	1,469.66	37.10	40.612	
9,900.00	7,136.05	7,146.35	7,145.55	45.78	15.59	88.95	-758.85	-189.78	1,604.17	1,567.12	37.05	43.300	
10,000.00	7,135.09	7,145.76	7,144.96	47.29	15.59	88.85	-758.85	-189.78	1,701.87	1,664.86	37.01	45.989	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,134.13	7,145.17	7,144.37	48.81	15.59	88.75	-758.84	-189.78	1,799.82	1,762.85	36.98	48.676	
10,200.00	7,133.17	7,144.59	7,143.79	50.34	15.59	88.66	-758.84	-189.77	1,897.99	1,861.04	36.95	51.361	
10,300.00	7,132.22	7,144.00	7,143.20	51.88	15.59	88.56	-758.83	-189.77	1,996.34	1,959.40	36.94	54.042	
10,400.00	7,131.26	7,143.41	7,142.61	53.43	15.59	88.47	-758.83	-189.77	2,094.85	2,057.91	36.93	56.718	
10,500.00	7,130.30	7,142.82	7,142.02	54.98	15.59	88.37	-758.82	-189.77	2,193.49	2,156.55	36.93	59.388	
10,600.00	7,129.34	7,142.23	7,141.44	56.55	15.58	88.28	-758.82	-189.76	2,292.25	2,255.31	36.94	62.052	
10,700.00	7,128.39	7,141.65	7,140.85	58.11	15.58	88.18	-758.82	-189.76	2,391.11	2,354.16	36.95	64.709	
10,800.00	7,127.43	7,141.06	7,140.26	59.69	15.58	88.09	-758.81	-189.76	2,490.06	2,453.09	36.97	67.358	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
0.00	0.00	0.00	0.00	3.28	3.28	175.52	-2,163.98	169.60	2,170.70				
100.00	100.00	81.00	81.00	3.28	3.58	175.52	-2,163.98	169.60	2,170.62	2,162.96	7.65	283.574	
200.00	200.00	181.00	181.00	3.31	5.68	175.52	-2,163.98	169.60	2,170.62	2,160.84	9.78	221.935	
300.00	300.00	281.00	281.00	3.35	8.82	43.14	-2,163.98	169.60	2,170.16	2,157.20	12.96	167.498	
400.00	399.92	380.92	380.92	3.41	12.18	43.24	-2,163.98	169.60	2,167.36	2,150.99	16.37	132.381	
500.00	499.64	480.64	480.64	3.49	15.61	43.45	-2,163.98	169.60	2,162.03	2,142.14	19.89	108.716	
600.00	599.05	580.05	580.05	3.60	19.07	43.76	-2,163.98	169.60	2,154.19	2,130.73	23.45	91.848	
700.00	698.03	679.03	679.03	3.74	22.53	44.16	-2,163.98	169.60	2,143.87	2,116.81	27.05	79.247	
800.00	796.44	777.44	777.44	3.93	25.98	44.67	-2,163.98	169.60	2,131.12	2,100.44	30.68	69.472	
900.00	894.18	875.18	875.18	4.16	29.42	45.29	-2,163.98	169.60	2,116.00	2,081.68	34.32	61.660	
1,000.00	991.29	972.29	972.29	4.45	32.84	45.83	-2,163.98	169.60	2,099.06	2,061.08	37.98	55.272	
1,100.00	1,088.34	1,069.34	1,069.34	4.77	36.27	46.30	-2,163.98	169.60	2,082.09	2,040.43	41.66	49.978	
1,200.00	1,185.40	1,166.40	1,166.40	5.11	39.69	46.78	-2,163.98	169.60	2,065.25	2,019.89	45.37	45.521	
1,300.00	1,282.45	1,263.45	1,263.45	5.48	43.12	47.26	-2,163.98	169.60	2,048.57	1,999.47	49.10	41.721	
1,400.00	1,379.51	1,360.51	1,360.51	5.87	46.55	47.75	-2,163.98	169.60	2,032.03	1,979.18	52.85	38.446	
1,500.00	1,476.56	1,457.56	1,457.56	6.27	49.98	48.25	-2,163.98	169.60	2,015.65	1,959.03	56.62	35.598	
1,600.00	1,573.62	1,554.62	1,554.62	6.68	53.41	48.76	-2,163.98	169.60	1,999.42	1,939.01	60.40	33.100	
1,700.00	1,670.67	1,651.67	1,651.67	7.10	56.85	49.27	-2,163.98	169.60	1,983.35	1,919.15	64.20	30.893	
1,800.00	1,767.73	1,748.73	1,748.73	7.53	60.28	49.79	-2,163.98	169.60	1,967.45	1,899.44	68.01	28.930	
1,900.00	1,864.78	1,845.78	1,845.78	7.77	63.71	50.32	-2,163.98	169.60	1,951.71	1,880.26	71.45	27.315	
2,000.00	1,961.84	1,942.84	1,942.84	7.83	67.15	50.86	-2,163.98	169.60	1,936.14	1,861.20	74.94	25.834	
2,100.00	2,058.89	2,039.89	2,039.89	7.91	70.58	51.41	-2,163.98	169.60	1,920.75	1,842.30	78.46	24.482	
2,200.00	2,155.95	2,136.95	2,136.95	8.01	74.02	51.97	-2,163.98	169.60	1,905.54	1,823.56	81.99	23.242	
2,300.00	2,253.00	2,234.00	2,234.00	8.13	77.45	52.53	-2,163.98	169.60	1,890.52	1,804.98	85.54	22.101	
2,400.00	2,350.06	2,331.06	2,331.06	8.26	80.89	53.10	-2,163.98	169.60	1,875.68	1,786.57	89.11	21.049	
2,500.00	2,447.11	2,428.11	2,428.11	8.42	84.33	53.69	-2,163.98	169.60	1,861.04	1,768.35	92.70	20.077	
2,600.00	2,544.17	2,525.17	2,525.17	8.59	87.76	54.28	-2,163.98	169.60	1,846.60	1,750.30	96.30	19.175	
2,700.00	2,641.22	2,622.22	2,622.22	8.77	91.20	54.88	-2,163.98	169.60	1,832.36	1,732.44	99.92	18.338	
2,800.00	2,738.28	2,719.28	2,719.28	8.98	94.64	55.48	-2,163.98	169.60	1,818.32	1,714.77	103.56	17.559	
2,900.00	2,835.33	2,816.33	2,816.33	9.19	98.07	56.10	-2,163.98	169.60	1,804.50	1,697.30	107.21	16.832	
3,000.00	2,932.39	2,913.39	2,913.39	9.42	101.51	56.73	-2,163.98	169.60	1,790.90	1,680.03	110.87	16.153	
3,100.00	3,029.44	3,010.44	3,010.44	9.66	104.95	57.36	-2,163.98	169.60	1,777.52	1,662.97	114.55	15.518	
3,200.00	3,126.50	3,107.50	3,107.50	9.91	108.38	58.01	-2,163.98	169.60	1,764.37	1,646.13	118.23	14.923	
3,300.00	3,223.55	3,204.55	3,204.55	10.17	111.82	58.66	-2,163.98	169.60	1,751.45	1,629.51	121.93	14.364	
3,400.00	3,320.61	3,301.61	3,301.61	10.44	115.26	59.33	-2,163.98	169.60	1,738.76	1,613.12	125.64	13.839	
3,500.00	3,417.66	3,401.34	3,398.66	10.72	118.79	60.00	-2,163.98	169.60	1,726.32	1,596.86	129.46	13.335	
3,600.00	3,514.71	3,504.29	3,495.71	11.00	122.44	60.68	-2,163.98	169.60	1,714.13	1,580.74	133.40	12.850	
3,700.00	3,611.77	3,607.23	3,592.77	11.30	126.08	61.37	-2,163.98	169.60	1,702.19	1,564.85	137.34	12.394	
3,800.00	3,708.82	3,689.82	3,689.82	11.60	129.01	62.07	-2,163.98	169.60	1,690.51	1,549.94	140.57	12.026	
3,900.00	3,805.88	3,786.88	3,786.88	11.90	132.45	62.78	-2,163.98	169.60	1,679.10	1,534.77	144.33	11.634	
4,000.00	3,902.93	3,883.93	3,883.93	12.22	135.89	63.50	-2,163.98	169.60	1,667.95	1,519.87	148.09	11.263	
4,100.00	3,999.99	3,980.99	3,980.99	12.54	139.32	64.23	-2,163.98	169.60	1,657.09	1,505.23	151.85	10.912	
4,200.00	4,097.04	4,078.04	4,078.04	12.86	142.76	64.96	-2,163.98	169.60	1,646.50	1,490.87	155.63	10.580	
4,300.00	4,194.10	4,175.10	4,175.10	13.19	146.20	65.71	-2,163.98	169.60	1,636.19	1,476.79	159.41	10.264	
4,400.00	4,291.15	4,272.15	4,272.15	13.52	149.64	66.46	-2,163.98	169.60	1,626.18	1,462.99	163.19	9.965	
4,500.00	4,388.21	4,369.21	4,369.21	13.86	153.08	67.23	-2,163.98	169.60	1,616.47	1,449.49	166.98	9.681	
4,600.00	4,485.26	4,466.26	4,466.26	14.20	156.51	68.00	-2,163.98	169.60	1,607.06	1,436.28	170.77	9.410	
4,700.00	4,582.32	4,563.32	4,563.32	14.54	159.95	68.78	-2,163.98	169.60	1,597.95	1,423.38	174.57	9.154	
4,800.00	4,679.37	4,660.37	4,660.37	14.89	163.39	69.57	-2,163.98	169.60	1,589.16	1,410.79	178.37	8.909	
4,900.00	4,776.43	4,757.43	4,757.43	15.24	166.83	70.37	-2,163.98	169.60	1,580.69	1,398.51	182.18	8.676	
5,000.00	4,873.48	4,854.48	4,854.48	15.59	170.27	71.17	-2,163.98	169.60	1,572.54	1,386.55	185.99	8.455	
5,100.00	4,970.54	4,951.54	4,951.54	15.94	173.70	71.98	-2,163.98	169.60	1,564.72	1,374.92	189.80	8.244	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
5,200.00	5,067.59	5,048.59	5,048.59	16.30	177.14	72.80	-2,163.98	169.60	1,557.24	1,363.61	193.62	8.043	
5,300.00	5,164.65	5,145.65	5,145.65	16.66	180.58	73.63	-2,163.98	169.60	1,550.09	1,352.65	197.44	7.851	
5,400.00	5,261.70	5,242.70	5,242.70	17.02	184.02	74.47	-2,163.98	169.60	1,543.28	1,342.02	201.26	7.668	
5,500.00	5,358.76	5,339.76	5,339.76	17.39	187.46	75.31	-2,163.98	169.60	1,536.82	1,331.74	205.09	7.494	
5,600.00	5,455.81	5,436.81	5,436.81	17.75	190.90	76.16	-2,163.98	169.60	1,530.72	1,321.80	208.91	7.327	
5,700.00	5,552.87	5,533.87	5,533.87	18.12	194.33	77.01	-2,163.98	169.60	1,524.97	1,312.23	212.74	7.168	
5,800.00	5,649.92	5,630.92	5,630.92	18.49	197.77	77.87	-2,163.98	169.60	1,519.58	1,303.01	216.57	7.016	
5,900.00	5,746.98	5,727.98	5,727.98	18.86	201.21	78.74	-2,163.98	169.60	1,514.55	1,294.15	220.40	6.872	
6,000.00	5,844.03	5,825.03	5,825.03	19.24	204.65	79.61	-2,163.98	169.60	1,509.89	1,285.66	224.24	6.733	
6,100.00	5,941.09	5,922.09	5,922.09	19.61	208.09	80.48	-2,163.98	169.60	1,505.61	1,277.54	228.07	6.601	
6,200.00	6,038.14	6,019.14	6,019.14	19.98	211.53	81.36	-2,163.98	169.60	1,501.70	1,269.79	231.91	6.475	
6,300.00	6,135.20	6,116.20	6,116.20	20.36	214.96	82.25	-2,163.98	169.60	1,498.16	1,262.42	235.74	6.355	
6,400.00	6,232.25	6,213.25	6,213.25	20.74	218.40	83.14	-2,163.98	169.60	1,495.00	1,255.43	239.58	6.240	
6,500.00	6,329.31	6,310.31	6,310.31	21.12	221.84	84.03	-2,163.98	169.60	1,492.23	1,248.82	243.42	6.130	
6,600.00	6,426.37	6,407.37	6,407.37	21.49	225.28	84.82	-2,163.98	169.60	1,489.81	1,242.56	247.25	6.026	
6,700.00	6,524.50	6,505.50	6,505.50	21.72	228.76	85.39	-2,163.98	169.60	1,482.04	1,231.08	250.96	5.905	
6,800.00	6,622.76	6,603.76	6,603.76	21.88	232.24	-3.64	-2,163.98	169.60	1,464.63	1,210.03	254.60	5.753	
6,900.00	6,718.71	6,700.29	6,699.71	21.97	235.66	-25.33	-2,163.98	169.60	1,437.90	1,179.79	258.11	5.571	
7,000.00	6,810.00	6,809.01	6,791.00	22.01	239.51	-37.55	-2,163.98	169.60	1,402.70	1,140.73	261.97	5.354	
7,100.00	6,894.37	6,875.37	6,875.37	22.00	241.86	-47.11	-2,163.98	169.60	1,360.43	1,096.16	264.27	5.148	
7,200.00	6,969.76	6,950.76	6,950.76	21.96	244.53	-56.09	-2,163.98	169.60	1,313.03	1,046.20	266.83	4.921	
7,300.00	7,034.30	7,015.30	7,015.30	21.89	246.82	-64.96	-2,163.98	169.60	1,262.93	993.96	268.96	4.696	
7,400.00	7,086.41	7,067.41	7,067.41	21.80	248.67	-73.37	-2,163.98	169.60	1,212.93	942.30	270.62	4.482	
7,500.00	7,124.80	7,105.80	7,105.80	21.71	250.03	-80.69	-2,163.98	169.60	1,166.10	894.30	271.80	4.290	
7,600.00	7,148.53	7,129.53	7,129.53	21.62	250.87	-86.31	-2,163.98	169.60	1,125.51	853.01	272.50	4.130	
7,700.00	7,157.02	7,138.02	7,138.02	21.55	251.17	-89.88	-2,163.98	169.60	1,093.87	821.11	272.76	4.010	
7,800.00	7,156.15	7,137.15	7,137.15	21.56	251.14	-90.10	-2,163.98	169.60	1,072.05	799.20	272.85	3.929	
7,900.00	7,155.19	7,136.19	7,136.19	21.72	251.10	-90.04	-2,163.98	169.60	1,059.27	786.13	273.14	3.878	
7,986.18	7,154.37	7,135.37	7,135.37	22.06	251.07	-90.00	-2,163.98	169.60	1,055.76	782.20	273.55	3.859 CC, ES	
8,000.00	7,154.24	7,135.24	7,135.24	22.13	251.07	-89.99	-2,163.98	169.60	1,055.85	782.22	273.62	3.859 SF	
8,100.00	7,153.28	7,134.28	7,134.28	22.77	251.03	-89.94	-2,163.98	169.60	1,061.87	787.60	274.27	3.872	
8,200.00	7,152.32	7,133.32	7,133.32	23.59	251.00	-89.89	-2,163.98	169.60	1,077.19	802.17	275.02	3.917	
8,300.00	7,151.36	7,132.36	7,132.36	24.52	250.97	-89.84	-2,163.98	169.60	1,101.40	825.58	275.82	3.993	
8,400.00	7,150.41	7,131.41	7,131.41	25.54	250.93	-89.78	-2,163.98	169.60	1,133.95	857.33	276.62	4.099	
8,500.00	7,149.45	7,130.45	7,130.45	26.64	250.90	-89.73	-2,163.98	169.60	1,174.14	896.75	277.39	4.233	
8,600.00	7,148.49	7,129.49	7,129.49	27.79	250.86	-89.68	-2,163.98	169.60	1,221.21	943.13	278.08	4.392	
8,700.00	7,147.54	7,128.54	7,128.54	29.00	250.83	-89.63	-2,163.98	169.60	1,274.41	995.70	278.71	4.573	
8,800.00	7,146.58	7,127.58	7,127.58	30.25	250.80	-89.58	-2,163.98	169.60	1,332.99	1,053.74	279.25	4.773	
8,900.00	7,145.62	7,126.62	7,126.62	31.54	250.76	-89.53	-2,163.98	169.60	1,396.28	1,116.56	279.72	4.992	
9,000.00	7,144.66	7,125.66	7,125.66	32.86	250.73	-89.47	-2,163.98	169.60	1,463.68	1,183.56	280.12	5.225	
9,100.00	7,143.71	7,124.71	7,124.71	34.21	250.70	-89.42	-2,163.98	169.60	1,534.63	1,254.18	280.45	5.472	
9,200.00	7,142.75	7,123.75	7,123.75	35.59	250.66	-89.37	-2,163.98	169.60	1,608.68	1,327.94	280.74	5.730	
9,300.00	7,141.79	7,122.79	7,122.79	36.99	250.63	-89.32	-2,163.98	169.60	1,685.40	1,404.43	280.97	5.998	
9,400.00	7,140.83	7,121.83	7,121.83	38.41	250.59	-89.27	-2,163.98	169.60	1,764.46	1,483.29	281.17	6.275	
9,500.00	7,139.88	7,120.88	7,120.88	39.86	250.56	-89.21	-2,163.98	169.60	1,845.55	1,564.22	281.33	6.560	
9,600.00	7,138.92	7,119.92	7,119.92	41.31	250.53	-89.16	-2,163.98	169.60	1,928.42	1,646.95	281.47	6.851	
9,700.00	7,137.96	7,118.96	7,118.96	42.79	250.49	-89.11	-2,163.98	169.60	2,012.84	1,731.26	281.58	7.148	
9,800.00	7,137.00	7,118.00	7,118.00	44.28	250.46	-89.06	-2,163.98	169.60	2,098.63	1,816.95	281.68	7.450	
9,900.00	7,136.05	7,117.05	7,117.05	45.78	250.42	-89.01	-2,163.98	169.60	2,185.63	1,903.87	281.76	7.757	
10,000.00	7,135.09	7,116.09	7,116.09	47.29	250.39	-88.95	-2,163.98	169.60	2,273.70	1,991.88	281.82	8.068	
10,100.00	7,134.13	7,115.13	7,115.13	48.81	250.36	-88.90	-2,163.98	169.60	2,362.72	2,080.84	281.88	8.382	
10,200.00	7,133.17	7,114.17	7,114.17	50.34	250.32	-88.85	-2,163.98	169.60	2,452.58	2,170.66	281.92	8.699	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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, 7100-SRC Energy_2" CONE_2.448												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
0.00	0.00	0.00	0.00	3.28	3.28	175.99	-1,851.41	129.84	1,855.99				
100.00	100.00	110.33	110.33	3.28	3.28	175.99	-1,850.78	129.67	1,855.44	1,848.09	7.36	252.226	
200.00	200.00	208.29	208.28	3.31	3.30	176.00	-1,849.79	129.30	1,854.41	1,847.01	7.39	250.776	
300.00	300.00	305.16	305.15	3.35	3.33	43.63	-1,848.88	129.21	1,853.00	1,845.54	7.47	248.210	
400.00	399.92	400.57	400.56	3.41	3.37	43.75	-1,848.15	129.43	1,849.48	1,841.91	7.56	244.490	
500.00	499.64	492.12	492.11	3.49	3.42	43.97	-1,847.76	129.59	1,843.78	1,836.09	7.70	239.518	
600.00	599.05	597.61	597.60	3.60	3.49	44.32	-1,847.42	129.65	1,835.69	1,827.81	7.88	232.995	
700.00	698.03	682.16	682.15	3.74	3.55	44.73	-1,847.29	129.74	1,825.33	1,817.25	8.08	225.934	
800.00	796.44	774.76	774.74	3.93	3.63	45.27	-1,847.74	129.79	1,813.19	1,804.87	8.32	217.808	
900.00	894.18	879.45	879.43	4.16	3.73	45.99	-1,848.23	129.78	1,798.72	1,790.09	8.63	208.463	
1,000.00	991.29	973.13	973.11	4.45	3.83	46.60	-1,848.44	129.98	1,782.22	1,773.26	8.97	198.789	
1,100.00	1,088.34	1,073.18	1,073.16	4.77	3.94	47.18	-1,848.84	129.90	1,765.90	1,756.56	9.34	189.041	
1,200.00	1,185.40	1,171.35	1,171.32	5.11	4.06	47.77	-1,849.01	129.36	1,749.52	1,739.77	9.75	179.481	
1,300.00	1,282.45	1,267.93	1,267.90	5.48	4.19	48.36	-1,849.20	128.99	1,733.35	1,723.17	10.18	170.271	
1,400.00	1,379.51	1,370.21	1,370.18	5.87	4.33	48.98	-1,849.31	128.97	1,717.28	1,706.63	10.64	161.323	
1,500.00	1,476.56	1,467.09	1,467.06	6.27	4.46	49.60	-1,849.15	128.64	1,701.14	1,690.01	11.12	152.912	
1,600.00	1,573.62	1,562.71	1,562.68	6.68	4.61	50.22	-1,849.11	128.02	1,685.32	1,673.70	11.62	145.003	
1,700.00	1,670.67	1,660.81	1,660.78	7.10	4.76	50.87	-1,849.06	127.36	1,669.72	1,657.58	12.14	137.522	
1,800.00	1,767.73	1,750.51	1,750.48	7.53	4.90	51.47	-1,849.08	127.00	1,654.40	1,641.73	12.66	130.645	
1,900.00	1,864.78	1,840.74	1,840.71	7.77	5.04	52.10	-1,849.69	126.35	1,639.92	1,627.10	12.82	127.880	
2,000.00	1,961.84	1,944.15	1,944.11	7.83	5.21	52.82	-1,850.33	125.70	1,625.64	1,612.59	13.05	124.524	
2,100.00	2,058.89	2,043.64	2,043.60	7.91	5.38	53.53	-1,850.46	124.92	1,611.13	1,597.83	13.30	121.106	
2,200.00	2,155.95	2,138.28	2,138.23	8.01	5.54	54.23	-1,850.78	123.89	1,597.09	1,583.52	13.57	117.717	
2,300.00	2,253.00	2,241.00	2,240.95	8.13	5.73	55.00	-1,850.92	122.82	1,583.11	1,569.25	13.87	114.169	
2,400.00	2,350.06	2,341.39	2,341.33	8.26	5.90	55.77	-1,850.69	121.68	1,569.06	1,554.88	14.18	110.630	
2,500.00	2,447.11	2,440.65	2,440.58	8.42	6.08	56.57	-1,850.32	120.15	1,555.21	1,540.69	14.52	107.122	
2,600.00	2,544.17	2,540.62	2,540.54	8.59	6.27	57.36	-1,849.70	119.04	1,541.34	1,526.47	14.87	103.631	
2,700.00	2,641.22	2,636.74	2,636.65	8.77	6.45	58.14	-1,849.15	118.20	1,527.78	1,512.54	15.24	100.249	
2,800.00	2,738.28	2,732.23	2,732.14	8.98	6.62	58.92	-1,848.57	117.26	1,514.50	1,498.88	15.62	96.944	
2,900.00	2,835.33	2,822.40	2,822.30	9.19	6.79	59.69	-1,848.22	115.96	1,501.82	1,485.81	16.01	93.794	
3,000.00	2,932.39	2,911.13	2,911.01	9.42	6.96	60.46	-1,848.24	114.23	1,489.96	1,473.54	16.41	90.773	
3,100.00	3,029.44	3,001.47	3,001.33	9.66	7.14	61.27	-1,848.66	112.29	1,478.90	1,462.07	16.83	87.857	
3,200.00	3,126.50	3,097.68	3,097.51	9.91	7.32	62.15	-1,849.29	110.02	1,468.43	1,451.15	17.28	84.993	
3,300.00	3,223.55	3,185.94	3,185.73	10.17	7.49	62.97	-1,850.05	107.56	1,458.62	1,440.90	17.72	82.323	
3,400.00	3,320.61	3,288.73	3,288.47	10.44	7.69	63.95	-1,851.03	104.47	1,449.35	1,431.15	18.20	79.635	
3,500.00	3,417.66	3,389.50	3,389.20	10.72	7.89	64.92	-1,851.63	101.77	1,440.05	1,421.36	18.69	77.056	
3,600.00	3,514.71	3,488.32	3,488.00	11.00	8.09	65.85	-1,852.27	99.98	1,430.94	1,411.76	19.18	74.597	
3,700.00	3,611.77	3,577.12	3,576.79	11.30	8.26	66.67	-1,853.12	98.75	1,422.38	1,402.71	19.67	72.328	
3,800.00	3,708.82	3,663.53	3,663.17	11.60	8.43	67.49	-1,854.49	97.27	1,414.86	1,394.71	20.15	70.208	
3,900.00	3,805.88	3,760.54	3,760.15	11.90	8.63	68.41	-1,856.51	95.39	1,408.25	1,387.58	20.67	68.133	
4,000.00	3,902.93	3,856.35	3,855.92	12.22	8.82	69.34	-1,858.22	93.46	1,401.80	1,380.61	21.19	66.150	
4,100.00	3,999.99	3,950.23	3,949.77	12.54	9.01	70.24	-1,860.37	91.88	1,396.07	1,374.35	21.72	64.288	
4,200.00	4,097.04	4,046.74	4,046.24	12.86	9.20	71.16	-1,862.71	90.42	1,390.78	1,368.53	22.25	62.501	
4,300.00	4,194.10	4,138.02	4,137.47	13.19	9.39	72.04	-1,865.02	88.91	1,386.03	1,363.25	22.78	60.835	
4,400.00	4,291.15	4,226.69	4,226.08	13.52	9.57	72.92	-1,867.61	86.72	1,382.36	1,359.05	23.31	59.293	
4,500.00	4,388.21	4,324.00	4,323.31	13.86	9.76	73.89	-1,870.59	84.15	1,379.30	1,355.43	23.87	57.785	
4,600.00	4,485.26	4,420.99	4,420.22	14.20	9.96	74.87	-1,873.54	81.57	1,376.66	1,352.23	24.43	56.354	
4,700.00	4,582.32	4,521.56	4,520.70	14.54	10.17	75.88	-1,876.57	78.90	1,374.41	1,349.41	25.00	54.976	
4,800.00	4,679.37	4,629.88	4,628.97	14.89	10.39	76.99	-1,878.92	76.17	1,371.80	1,346.20	25.59	53.599	
4,900.00	4,776.43	4,724.85	4,723.89	15.24	10.59	77.97	-1,880.90	73.89	1,369.50	1,343.34	26.16	52.351	
5,000.00	4,873.48	4,823.14	4,822.13	15.59	10.79	79.00	-1,882.66	71.18	1,367.59	1,340.86	26.74	51.149	
5,100.00	4,970.54	4,919.77	4,918.70	15.94	10.99	80.02	-1,884.36	68.36	1,366.20	1,338.89	27.31	50.019	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	5,067.59	5,025.58	5,024.47	16.30	11.21	81.13	-1,885.98	65.72	1,364.86	1,336.94	27.91	48.897	
5,300.00	5,164.65	5,128.19	5,127.04	16.66	11.42	82.21	-1,887.10	63.42	1,363.49	1,334.99	28.51	47.830	
5,400.00	5,261.70	5,229.17	5,228.00	17.02	11.63	83.28	-1,887.71	61.25	1,362.14	1,333.05	29.10	46.812	
5,500.00	5,358.76	5,323.67	5,322.47	17.39	11.83	84.28	-1,888.35	59.29	1,361.28	1,331.60	29.68	45.870	
5,600.00	5,455.81	5,419.38	5,418.16	17.75	12.03	85.29	-1,889.11	57.27	1,360.99	1,330.74	30.26	44.978	
5,603.50	5,459.20	5,422.73	5,421.51	17.77	12.04	85.33	-1,889.14	57.20	1,360.99	1,330.71	30.28	44.947	
5,700.00	5,552.87	5,515.60	5,514.35	18.12	12.23	86.31	-1,889.95	55.24	1,361.23	1,330.39	30.84	44.133	
5,800.00	5,649.92	5,611.86	5,610.59	18.49	12.43	87.33	-1,890.82	53.22	1,361.95	1,330.52	31.43	43.335	
5,900.00	5,746.98	5,703.70	5,702.39	18.86	12.63	88.31	-1,891.60	50.89	1,363.36	1,331.36	32.00	42.600	
6,000.00	5,844.03	5,809.33	5,807.99	19.24	12.85	89.44	-1,892.36	48.33	1,365.09	1,332.48	32.61	41.859	
6,100.00	5,941.09	5,914.22	5,912.86	19.61	13.07	90.54	-1,892.84	46.44	1,366.68	1,333.46	33.22	41.144	
6,200.00	6,038.14	6,015.92	6,014.55	19.98	13.28	91.60	-1,893.14	45.08	1,368.32	1,334.50	33.81	40.466	
6,300.00	6,135.20	6,121.18	6,119.81	20.36	13.50	92.69	-1,893.07	44.19	1,369.81	1,335.40	34.42	39.800	
6,400.00	6,232.25	6,217.52	6,216.15	20.74	13.71	93.68	-1,892.78	43.43	1,371.55	1,336.55	35.00	39.188	
6,500.00	6,329.31	6,314.84	6,313.47	21.12	13.91	94.69	-1,892.47	42.63	1,373.75	1,338.17	35.58	38.607	
6,600.00	6,426.37	6,414.66	6,413.28	21.49	14.12	93.65	-1,891.95	41.83	1,376.22	1,340.06	36.17	38.054	
6,700.00	6,524.50	6,514.44	6,513.05	21.72	14.33	52.68	-1,891.18	41.05	1,371.99	1,335.39	36.60	37.491	
6,800.00	6,622.76	6,612.40	6,611.00	21.88	14.53	8.17	-1,890.10	40.06	1,355.92	1,318.96	36.96	36.691	
6,900.00	6,718.71	6,709.44	6,708.02	21.97	14.74	-12.93	-1,888.79	38.91	1,328.22	1,290.97	37.25	35.654	
7,000.00	6,810.00	6,804.01	6,802.58	22.01	14.93	-24.63	-1,887.40	37.90	1,289.46	1,251.97	37.49	34.394	
7,100.00	6,894.37	6,890.55	6,889.11	22.00	15.11	-33.96	-1,886.19	37.26	1,240.86	1,203.19	37.66	32.947	
7,200.00	6,969.76	6,956.25	6,954.80	21.96	15.25	-43.02	-1,885.57	36.81	1,184.56	1,146.82	37.75	31.383	
7,300.00	7,034.30	7,014.02	7,012.57	21.89	15.37	-52.82	-1,885.45	36.10	1,123.20	1,085.42	37.77	29.736	
7,400.00	7,086.41	7,067.29	7,065.83	21.80	15.48	-63.55	-1,885.44	35.36	1,059.01	1,021.25	37.76	28.047	
7,500.00	7,124.80	7,106.94	7,105.48	21.71	15.60	-74.03	-1,885.44	34.82	995.07	957.33	37.74	26.369	
7,600.00	7,148.53	7,132.01	7,130.54	21.62	15.80	-82.94	-1,885.43	34.47	934.92	897.13	37.79	24.738	
7,700.00	7,157.02	7,141.86	7,140.40	21.55	15.88	-89.35	-1,885.43	34.33	882.24	844.47	37.77	23.357	
7,800.00	7,156.15	7,142.37	7,140.91	21.56	15.88	-89.91	-1,885.43	34.33	839.32	801.52	37.79	22.207	
7,900.00	7,155.19	7,142.79	7,141.33	21.72	15.89	-89.94	-1,885.43	34.32	806.59	768.57	38.01	21.218	
8,000.00	7,154.24	7,143.22	7,141.75	22.13	15.89	-89.97	-1,885.43	34.32	785.31	746.85	38.45	20.422	
8,100.00	7,153.28	7,143.64	7,142.17	22.77	15.89	-90.01	-1,885.43	34.31	776.43	737.33	39.10	19.859	
8,119.36	7,153.09	7,143.72	7,142.26	22.92	15.89	-90.01	-1,885.43	34.31	776.18	736.94	39.25	19.777 CC, ES	
8,200.00	7,152.32	7,144.06	7,142.60	23.59	15.90	-90.04	-1,885.43	34.30	780.36	740.49	39.88	19.569 SF	
8,300.00	7,151.36	7,144.48	7,143.02	24.52	15.90	-90.07	-1,885.43	34.30	796.93	756.22	40.71	19.576	
8,400.00	7,150.41	7,144.90	7,143.44	25.54	15.90	-90.10	-1,885.43	34.29	825.36	783.85	41.51	19.883	
8,500.00	7,149.45	7,145.32	7,143.86	26.64	15.91	-90.13	-1,885.43	34.29	864.49	822.26	42.23	20.473	
8,600.00	7,148.49	7,145.74	7,144.28	27.79	15.91	-90.16	-1,885.43	34.28	912.95	870.12	42.83	21.317	
8,700.00	7,147.54	7,146.16	7,144.70	29.00	15.91	-90.19	-1,885.43	34.27	969.33	926.02	43.31	22.382	
8,800.00	7,146.58	7,146.58	7,145.12	30.25	15.92	-90.22	-1,885.43	34.27	1,032.34	988.65	43.69	23.631	
8,900.00	7,145.62	7,147.01	7,145.54	31.54	15.92	-90.25	-1,885.43	34.26	1,100.84	1,056.87	43.97	25.034	
9,000.00	7,144.66	7,147.43	7,145.96	32.86	15.92	-90.29	-1,885.43	34.26	1,173.87	1,129.68	44.19	26.564	
9,100.00	7,143.71	7,147.85	7,146.39	34.21	15.93	-90.32	-1,885.43	34.25	1,250.64	1,206.29	44.35	28.198	
9,200.00	7,142.75	7,148.27	7,146.81	35.59	15.93	-90.35	-1,885.43	34.25	1,330.50	1,286.02	44.47	29.918	
9,300.00	7,141.79	7,148.69	7,147.23	36.99	15.93	-90.38	-1,885.43	34.24	1,412.92	1,368.36	44.56	31.709	
9,400.00	7,140.83	7,149.11	7,147.65	38.41	15.94	-90.41	-1,885.43	34.23	1,497.49	1,452.86	44.62	33.558	
9,500.00	7,139.88	7,149.53	7,148.07	39.86	15.94	-90.44	-1,885.43	34.23	1,583.85	1,539.18	44.67	35.456	
9,600.00	7,138.92	7,149.95	7,148.49	41.31	15.94	-90.47	-1,885.43	34.22	1,671.74	1,627.03	44.71	37.393	
9,700.00	7,137.96	7,150.38	7,148.91	42.79	15.95	-90.50	-1,885.43	34.22	1,760.92	1,716.19	44.73	39.365	
9,800.00	7,137.00	7,150.80	7,149.33	44.28	15.95	-90.53	-1,885.43	34.21	1,851.20	1,806.45	44.75	41.365	
9,900.00	7,136.05	7,151.22	7,149.75	45.78	15.95	-90.57	-1,885.43	34.21	1,942.44	1,897.67	44.77	43.388	
10,000.00	7,135.09	7,151.64	7,150.18	47.29	15.96	-90.60	-1,885.43	34.20	2,034.50	1,989.72	44.78	45.431	
10,100.00	7,134.13	7,152.06	7,150.60	48.81	15.96	-90.63	-1,885.43	34.19	2,127.28	2,082.49	44.79	47.491	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,133.17	7,152.48	7,151.02	50.34	15.96	-90.66	-1,885.43	34.19	2,220.68	2,175.88	44.80	49.564	
10,300.00	7,132.22	7,152.90	7,151.44	51.88	15.97	-90.69	-1,885.43	34.18	2,314.64	2,269.82	44.81	51.649	
10,400.00	7,131.26	7,153.32	7,151.86	53.43	15.97	-90.72	-1,885.43	34.18	2,409.08	2,364.26	44.83	53.743	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	10.09	927.89	165.13	942.47					
100.00	100.00	123.00	123.00	3.28	3.87	10.09	927.89	165.13	942.47	934.35	8.12	116.113		
106.71	106.71	129.71	129.71	3.28	4.00	10.09	927.89	165.13	942.47	934.22	8.25	114.253 CC		
200.00	200.00	222.81	222.81	3.31	6.15	10.09	927.89	165.15	942.47	932.05	10.42	90.456		
300.00	300.00	322.81	322.81	3.35	7.89	-122.31	927.87	165.50	942.85	930.65	12.20	77.280		
400.00	399.92	422.92	422.92	3.41	10.73	-122.47	927.87	165.53	944.91	929.81	15.10	62.577		
500.00	499.64	518.02	518.02	3.49	13.88	-122.76	928.03	165.52	949.04	930.71	18.34	51.759		
600.00	599.05	620.17	620.17	3.60	17.36	-123.22	928.53	165.52	955.43	933.51	21.92	43.580		
700.00	698.03	721.03	721.03	3.74	20.85	-123.80	928.56	165.52	963.39	937.85	25.55	37.711		
800.00	796.44	818.49	818.49	3.93	23.29	-124.50	928.62	165.31	973.48	945.31	28.16	34.565		
900.00	894.18	916.78	916.78	4.16	25.45	-125.33	928.79	164.73	985.86	955.32	30.54	32.286		
1,000.00	991.29	1,013.35	1,013.34	4.45	27.18	-126.34	928.85	164.66	1,000.14	967.62	32.52	30.758		
1,100.00	1,088.34	1,116.21	1,116.21	4.77	27.19	-127.52	928.70	163.97	1,014.69	981.91	32.78	30.951		
1,200.00	1,185.40	1,215.50	1,215.48	5.11	27.19	-128.64	928.19	163.00	1,029.24	996.17	33.07	31.120		
1,300.00	1,282.45	1,311.56	1,311.54	5.48	27.20	-129.69	927.64	162.03	1,044.11	1,010.73	33.38	31.279		
1,400.00	1,379.51	1,409.69	1,409.66	5.87	27.21	-130.75	927.06	160.86	1,059.31	1,025.61	33.70	31.432		
1,500.00	1,476.56	1,507.52	1,507.48	6.27	27.22	-131.78	926.33	159.57	1,074.71	1,040.68	34.03	31.579		
1,600.00	1,573.62	1,600.25	1,600.20	6.68	27.23	-132.74	925.81	158.25	1,090.63	1,056.26	34.37	31.731		
1,700.00	1,670.67	1,692.29	1,692.23	7.10	27.25	-133.63	925.70	157.50	1,107.28	1,072.57	34.71	31.897		
1,800.00	1,767.73	1,786.73	1,786.67	7.53	27.26	-134.51	925.98	156.99	1,124.61	1,089.54	35.06	32.073		
1,900.00	1,864.78	1,889.50	1,889.44	7.77	27.29	-135.42	926.09	156.61	1,142.02	1,107.13	34.89	32.736		
2,000.00	1,961.84	1,992.40	1,992.34	7.83	27.31	-136.30	925.64	156.60	1,159.12	1,124.19	34.93	33.185		
2,100.00	2,058.89	2,089.51	2,089.45	7.91	27.33	-137.11	924.92	156.39	1,176.18	1,141.19	34.99	33.613		
2,200.00	2,155.95	2,185.01	2,184.95	8.01	27.36	-137.88	924.40	156.32	1,193.64	1,158.57	35.07	34.033		
2,300.00	2,253.00	2,287.53	2,287.46	8.13	27.39	-138.69	923.73	156.19	1,211.24	1,176.06	35.18	34.433		
2,400.00	2,350.06	2,397.80	2,397.72	8.26	27.43	-139.52	922.15	156.38	1,228.25	1,192.95	35.30	34.797		
2,500.00	2,447.11	2,518.59	2,518.46	8.42	27.47	-140.38	918.90	157.08	1,244.22	1,208.79	35.43	35.118		
2,600.00	2,544.17	2,687.75	2,687.16	8.59	27.54	-141.54	906.91	159.69	1,255.55	1,220.05	35.50	35.365		
2,700.00	2,641.22	2,700.00	2,863.37	8.77	27.54	-142.72	883.76	164.17	1,261.00	1,225.61	35.40	35.626		
2,800.00	2,738.28	2,958.75	2,955.21	8.98	27.70	-143.38	868.33	166.04	1,263.76	1,228.07	35.69	35.412		
2,900.00	2,835.33	3,084.55	3,079.41	9.19	27.78	-144.27	848.47	168.33	1,267.58	1,231.78	35.80	35.404		
3,000.00	2,932.39	3,206.98	3,199.64	9.42	27.88	-145.13	825.61	171.30	1,268.40	1,232.46	35.94	35.292		
3,100.00	3,029.44	3,291.13	3,282.27	9.66	27.95	-145.71	809.85	173.46	1,269.44	1,233.21	36.24	35.032		
3,200.00	3,126.50	3,365.41	3,355.45	9.91	28.02	-146.17	797.44	176.44	1,272.31	1,235.73	36.57	34.787		
3,300.00	3,223.55	3,433.95	3,423.21	10.17	28.08	-146.56	787.58	179.42	1,277.48	1,240.56	36.93	34.597		
3,400.00	3,320.61	3,539.75	3,528.00	10.44	28.17	-147.13	773.83	184.32	1,284.08	1,246.90	37.18	34.536		
3,500.00	3,417.66	3,670.79	3,657.40	10.72	28.31	-147.78	754.65	192.02	1,288.84	1,251.46	37.38	34.480		
3,600.00	3,514.71	3,812.75	3,796.95	11.00	28.49	-148.47	730.55	201.54	1,291.35	1,253.81	37.53	34.406		
3,700.00	3,611.77	3,962.86	3,943.34	11.30	28.72	-149.29	698.74	211.14	1,289.72	1,252.09	37.63	34.273		
3,800.00	3,708.82	4,076.61	4,053.54	11.60	28.92	-149.95	671.54	218.49	1,285.57	1,247.68	37.89	33.931		
3,900.00	3,805.88	4,148.26	4,122.99	11.90	29.04	-150.37	654.53	222.90	1,281.97	1,243.62	38.35	33.427		
3,958.49	3,862.64	4,180.52	4,154.47	12.09	29.10	-150.56	647.68	224.74	1,281.37	1,242.71	38.66	33.147		
4,000.00	3,902.93	4,209.00	4,182.36	12.22	29.14	-150.72	642.16	226.28	1,281.70	1,242.85	38.85	32.993		
4,100.00	3,999.99	4,278.40	4,250.57	12.54	29.25	-151.10	629.91	230.10	1,284.22	1,244.92	39.29	32.685		
4,200.00	4,097.04	4,359.71	4,330.70	12.86	29.37	-151.50	616.97	234.92	1,288.47	1,248.78	39.69	32.463		
4,300.00	4,194.10	4,449.31	4,419.16	13.19	29.51	-151.93	603.76	240.19	1,293.94	1,253.87	40.07	32.293		
4,400.00	4,291.15	4,553.84	4,522.40	13.52	29.68	-152.46	588.29	245.57	1,299.72	1,259.31	40.42	32.157		
4,500.00	4,388.21	4,655.65	4,622.85	13.86	29.85	-153.01	572.38	250.18	1,305.03	1,264.24	40.78	32.000		
4,600.00	4,485.26	4,744.98	4,711.02	14.20	30.01	-153.51	558.49	253.64	1,310.75	1,269.57	41.18	31.831		
4,700.00	4,582.32	4,834.16	4,799.19	14.54	30.16	-153.97	545.64	257.65	1,317.45	1,275.87	41.58	31.686		
4,800.00	4,679.37	4,934.26	4,898.18	14.89	30.34	-154.53	531.21	260.91	1,324.70	1,282.74	41.96	31.570		
4,900.00	4,776.43	5,049.10	5,011.61	15.24	30.56	-155.21	513.50	263.92	1,331.39	1,289.06	42.32	31.457		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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, 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	4,873.48	5,139.96	5,101.26	15.59	30.74	-155.77	498.90	266.06	1,337.72	1,294.99	42.74	31.300		
5,100.00	4,970.54	5,243.00	5,202.99	15.94	30.94	-156.38	482.71	268.44	1,344.55	1,301.42	43.13	31.172		
5,200.00	5,067.59	5,339.50	5,298.26	16.30	31.13	-156.93	467.63	271.31	1,351.32	1,307.77	43.55	31.031		
5,300.00	5,164.65	5,454.24	5,411.39	16.66	31.37	-157.57	448.83	275.07	1,357.35	1,313.42	43.94	30.894		
5,400.00	5,261.70	5,517.06	5,473.44	17.02	31.50	-157.92	439.23	277.01	1,364.65	1,320.23	44.41	30.727		
5,500.00	5,358.76	5,616.17	5,571.59	17.39	31.70	-158.43	425.75	279.76	1,373.71	1,328.88	44.83	30.641		
5,600.00	5,455.81	5,708.80	5,663.32	17.75	31.89	-158.88	413.28	283.06	1,382.67	1,337.41	45.26	30.547		
5,700.00	5,552.87	5,799.98	5,753.70	18.12	32.06	-159.29	401.75	286.62	1,392.30	1,346.60	45.70	30.468		
5,800.00	5,649.92	5,902.73	5,855.55	18.49	32.27	-159.77	388.69	289.98	1,402.23	1,356.10	46.13	30.398		
5,900.00	5,746.98	6,048.39	5,999.41	18.86	32.61	-160.51	366.35	294.66	1,409.75	1,363.23	46.53	30.300		
6,000.00	5,844.03	6,142.16	6,091.83	19.24	32.84	-161.01	350.84	297.61	1,416.56	1,369.57	46.99	30.147		
6,100.00	5,941.09	6,299.51	6,246.55	19.61	33.25	-161.91	322.53	301.71	1,422.94	1,375.58	47.36	30.045		
6,200.00	6,038.14	6,716.61	6,638.52	19.98	35.01	-165.58	187.34	310.19	1,419.65	1,372.99	46.66	30.426		
6,300.00	6,135.20	6,790.00	6,700.35	20.36	35.45	-166.91	148.83	301.63	1,401.61	1,354.10	47.51	29.499		
6,400.00	6,232.25	6,825.81	6,729.84	20.74	35.67	-167.68	129.90	294.27	1,388.03	1,339.50	48.53	28.604		
6,500.00	6,329.31	6,854.00	6,752.78	21.12	35.85	-168.33	115.25	286.97	1,379.48	1,329.99	49.49	27.875		
6,600.00	6,426.37	6,891.25	6,782.82	21.49	36.05	-171.31	96.43	275.53	1,376.13	1,325.73	50.40	27.306		
6,700.00	6,524.50	6,948.00	6,828.06	21.72	36.38	146.12	69.30	254.64	1,373.51	1,322.31	51.20	26.828		
6,800.00	6,622.76	6,948.00	6,828.06	21.88	36.38	102.72	69.30	254.64	1,365.80	1,314.19	51.61	26.465		
6,900.00	6,718.71	6,989.52	6,860.37	21.97	36.60	83.50	50.60	236.49	1,354.41	1,302.38	52.02	26.034		
7,000.00	6,810.00	7,043.00	6,900.33	22.01	36.89	75.43	27.95	209.14	1,339.36	1,287.01	52.35	25.585		
7,100.00	6,894.37	7,043.00	6,900.33	22.00	36.89	72.42	27.95	209.14	1,319.67	1,267.57	52.10	25.328		
7,200.00	6,969.76	7,084.92	6,930.30	21.96	37.08	71.31	11.78	184.70	1,296.50	1,244.30	52.20	24.838		
7,300.00	7,034.30	7,137.00	6,965.80	21.89	37.34	71.77	-5.62	150.84	1,271.04	1,218.76	52.28	24.310		
7,400.00	7,086.41	7,137.00	6,965.80	21.80	37.34	73.09	-5.62	150.84	1,241.87	1,189.98	51.88	23.936		
7,500.00	7,124.80	7,137.00	6,965.80	21.71	37.34	74.83	-5.62	150.84	1,213.08	1,161.48	51.60	23.509		
7,600.00	7,148.53	7,187.80	6,997.78	21.62	37.53	77.94	-18.82	113.70	1,181.17	1,129.07	52.10	22.669		
7,700.00	7,157.02	7,231.00	7,022.11	21.55	37.71	81.57	-26.33	78.84	1,151.89	1,099.13	52.76	21.831		
7,800.00	7,156.15	7,231.00	7,022.11	21.56	37.71	81.88	-26.33	78.84	1,124.49	1,071.41	53.08	21.186		
7,900.00	7,155.19	7,263.95	7,039.33	21.72	37.80	82.76	-30.01	50.99	1,104.18	1,050.26	53.92	20.478		
8,000.00	7,154.24	7,297.09	7,056.12	22.13	37.90	83.64	-32.23	22.51	1,090.15	1,035.30	54.85	19.875		
8,100.00	7,153.28	7,349.31	7,081.07	22.77	38.08	84.98	-33.28	-23.34	1,082.39	1,026.30	56.09	19.298		
8,200.00	7,152.32	7,538.83	7,137.56	23.59	39.27	88.04	-48.50	-202.85	1,072.68	1,013.05	59.63	17.988		
8,300.00	7,151.36	7,622.98	7,150.29	24.52	40.69	88.76	-59.06	-285.34	1,060.25	998.51	61.74	17.173		
8,400.00	7,150.41	7,719.66	7,158.90	25.54	42.45	89.27	-70.86	-380.90	1,048.57	984.90	63.67	16.469		
8,500.00	7,149.45	7,817.71	7,163.73	26.64	43.12	89.58	-82.74	-478.10	1,037.13	971.42	65.71	15.784		
8,600.00	7,148.49	7,890.40	7,164.67	27.79	43.71	89.67	-90.99	-550.31	1,026.65	959.14	67.51	15.207		
8,700.00	7,147.54	7,957.20	7,164.67	29.00	44.33	89.70	-96.11	-616.91	1,019.64	950.33	69.31	14.712		
8,800.00	7,146.58	8,043.23	7,165.22	30.25	45.24	89.78	-101.09	-702.79	1,014.63	942.92	71.71	14.150		
8,900.00	7,145.62	8,112.76	7,166.01	31.54	46.08	89.86	-103.51	-772.28	1,011.90	938.06	73.83	13.705		
9,000.00	7,144.66	8,209.13	7,167.09	32.86	47.40	89.97	-104.96	-868.63	1,011.14	934.26	76.88	13.152		
9,100.00	7,143.71	8,302.00	7,168.34	34.21	48.86	90.09	-106.21	-961.48	1,010.55	930.54	80.01	12.631		
9,200.00	7,142.75	8,400.68	7,170.43	35.59	50.62	90.27	-107.01	-1,060.13	1,010.51	927.00	83.51	12.101		
9,300.00	7,141.79	8,517.42	7,170.91	36.99	52.94	90.36	-108.83	-1,176.84	1,009.73	921.91	87.82	11.498		
9,400.00	7,140.83	8,606.17	7,169.74	38.41	54.88	90.34	-110.27	-1,265.57	1,008.84	917.57	91.27	11.053		
9,500.00	7,139.88	8,704.27	7,170.34	39.86	57.14	90.43	-111.56	-1,363.65	1,008.29	913.11	95.18	10.593		
9,532.88	7,139.56	8,733.36	7,170.98	40.33	57.84	90.48	-111.84	-1,392.74	1,008.23	911.86	96.37	10.462		
9,600.00	7,138.92	8,794.01	7,172.75	41.31	59.31	90.61	-112.09	-1,453.36	1,008.49	909.63	98.86	10.201		
9,700.00	7,137.96	8,899.03	7,174.78	42.79	61.97	90.78	-112.64	-1,558.36	1,008.75	905.49	103.27	9.768		
9,800.00	7,137.00	8,993.83	7,176.49	44.28	64.46	90.93	-112.86	-1,653.14	1,009.31	901.99	107.32	9.405		
9,900.00	7,136.05	9,100.06	7,176.29	45.78	67.33	90.98	-113.54	-1,759.37	1,009.43	897.49	111.94	9.018		
10,000.00	7,135.09	9,190.64	7,175.44	47.29	69.85	90.98	-113.78	-1,849.94	1,009.92	894.00	115.93	8.712		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	Vertical	Measured	Vertical	Reference	Offset	Highside	Offset Wellbore	Centre	Between	Between	Minimum	Separation	Warning	
Depth (usft)	Depth (usft)	Depth (usft)	Depth (usft)	(usft)	(usft)	Toolface (°)	+N/-S (usft)	+E/-W (usft)	Centres (usft)	Ellipses (usft)	Separation (usft)	Factor		
10,100.00	7,134.13	9,281.57	7,174.98	48.81	72.42	91.00	-113.08	-1,940.86	1,011.46	891.49	119.97	8.431		
10,200.00	7,133.17	9,378.42	7,174.40	50.34	75.22	91.02	-111.96	-2,037.70	1,013.38	889.04	124.34	8.150		
10,300.00	7,132.22	9,469.16	7,173.78	51.88	77.87	91.03	-110.16	-2,128.43	1,016.12	887.67	128.46	7.910		
10,400.00	7,131.26	9,657.66	7,175.03	53.43	83.50	91.20	-110.73	-2,316.83	1,018.14	881.11	137.03	7.430		
10,500.00	7,130.30	9,744.14	7,177.93	54.98	86.14	91.42	-114.83	-2,403.16	1,014.12	872.99	141.12	7.186		
10,600.00	7,129.34	9,869.99	7,178.80	56.55	90.02	91.54	-123.24	-2,528.72	1,008.14	861.29	146.85	6.865		
10,700.00	7,128.39	9,973.82	7,177.38	58.11	93.25	91.53	-131.32	-2,632.22	1,001.12	849.42	151.70	6.599		
10,800.00	7,127.43	10,075.37	7,175.13	59.69	96.43	91.47	-139.53	-2,733.42	993.75	837.27	156.48	6.351		
10,900.00	7,126.47	10,158.63	7,173.09	61.26	99.05	91.41	-145.91	-2,816.39	986.87	826.31	160.56	6.147		
11,000.00	7,125.51	10,233.00	7,173.37	62.85	101.40	91.47	-149.79	-2,890.66	982.44	818.21	164.22	5.982		
11,100.00	7,124.56	10,310.49	7,172.92	64.44	103.86	91.49	-151.86	-2,968.12	980.52	812.55	167.97	5.838		
11,200.00	7,123.60	10,404.33	7,171.23	66.03	106.85	91.44	-153.04	-3,061.93	979.99	807.51	172.48	5.682		
11,300.00	7,122.64	10,502.87	7,169.39	67.62	110.01	91.39	-153.91	-3,160.45	979.85	802.61	177.24	5.528		
11,400.00	7,121.68	10,602.48	7,168.64	69.22	113.22	91.40	-154.80	-3,260.06	979.72	797.65	182.07	5.381		
11,405.02	7,121.63	10,607.10	7,168.62	69.30	113.37	91.40	-154.84	-3,264.67	979.72	797.42	182.29	5.374		
11,500.00	7,120.73	10,695.59	7,167.87	70.83	116.22	91.41	-155.17	-3,353.16	980.08	793.49	186.58	5.253		
11,600.00	7,119.77	10,793.79	7,168.87	72.43	119.40	91.52	-155.27	-3,451.35	980.79	789.43	191.37	5.125		
11,700.00	7,118.81	10,889.51	7,171.14	74.04	122.51	91.70	-155.02	-3,547.04	981.90	785.87	196.03	5.009		
11,800.00	7,117.85	10,994.12	7,174.50	75.65	125.92	91.96	-154.65	-3,651.60	983.16	781.99	201.17	4.887		
11,900.00	7,116.90	11,102.14	7,174.23	77.27	129.46	92.00	-155.36	-3,759.61	983.27	776.78	206.49	4.762		
12,000.00	7,115.94	11,202.19	7,172.70	78.88	132.74	91.97	-155.95	-3,859.65	983.41	772.00	211.41	4.652		
12,100.00	7,114.98	11,325.41	7,171.28	80.50	136.80	91.96	-157.95	-3,982.84	982.62	765.15	217.46	4.519		
12,200.00	7,114.02	11,456.10	7,171.25	82.12	141.10	92.04	-164.37	-4,113.36	978.43	754.73	223.70	4.374		
12,300.00	7,113.07	11,557.20	7,171.25	83.75	144.44	92.11	-170.88	-4,214.25	972.79	744.12	228.67	4.254		
12,400.00	7,112.11	11,661.82	7,171.25	85.37	149.57	92.18	-177.51	-4,318.66	967.26	731.81	235.45	4.108		
12,500.00	7,111.15	11,718.00	7,171.25	87.00	163.44	92.22	-181.39	-4,374.71	962.14	711.64	250.51	3.841		
12,515.15	7,111.01	11,718.00	7,171.25	87.25	163.44	92.22	-181.39	-4,374.71	962.02	711.54	250.48	3.841	ES, SF	
12,600.00	7,110.19	11,718.00	7,171.25	88.63	163.44	92.22	-181.39	-4,374.71	965.76	716.45	249.31	3.874		
12,700.00	7,109.24	11,718.00	7,171.25	90.26	163.44	92.22	-181.39	-4,374.71	979.62	733.91	245.71	3.987		
12,800.00	7,108.28	11,718.00	7,171.25	91.89	163.44	92.22	-181.39	-4,374.71	1,003.31	763.27	240.04	4.180		
12,900.00	7,107.32	11,718.00	7,171.25	93.52	163.44	92.22	-181.39	-4,374.71	1,036.15	803.40	232.74	4.452		
13,000.00	7,106.36	11,718.00	7,171.25	95.16	163.44	92.22	-181.39	-4,374.71	1,077.30	852.96	224.33	4.802		
13,100.00	7,105.41	11,718.00	7,171.25	96.80	163.44	92.22	-181.39	-4,374.71	1,125.85	910.56	215.29	5.229		
13,200.00	7,104.45	11,718.00	7,171.25	98.43	163.44	92.22	-181.39	-4,374.71	1,180.89	974.87	206.02	5.732		
13,300.00	7,103.49	11,718.00	7,171.25	100.07	163.44	92.22	-181.39	-4,374.71	1,241.56	1,044.72	196.84	6.307		
13,400.00	7,102.53	11,718.00	7,171.25	101.71	163.44	92.22	-181.39	-4,374.71	1,307.07	1,119.10	187.97	6.954		
13,500.00	7,101.58	11,718.00	7,171.25	103.35	163.44	92.22	-181.39	-4,374.71	1,376.74	1,197.19	179.55	7.668		
13,600.00	7,100.62	11,718.00	7,171.25	104.99	163.44	92.22	-181.39	-4,374.71	1,449.96	1,278.31	171.65	8.447		
13,700.00	7,099.66	11,718.00	7,171.25	106.64	163.44	92.22	-181.39	-4,374.71	1,526.22	1,361.92	164.30	9.289		
13,800.00	7,098.70	11,718.00	7,171.25	108.28	163.44	92.22	-181.39	-4,374.71	1,605.09	1,447.57	157.52	10.190		
13,900.00	7,097.75	11,718.00	7,171.25	109.92	163.44	92.22	-181.39	-4,374.71	1,686.21	1,534.92	151.29	11.146		
14,000.00	7,096.79	11,718.00	7,171.25	111.57	163.44	92.22	-181.39	-4,374.71	1,769.25	1,623.68	145.57	12.154		
14,100.00	7,095.83	11,718.00	7,171.25	113.22	163.44	92.22	-181.39	-4,374.71	1,853.98	1,713.63	140.35	13.210		
14,200.00	7,094.87	11,718.00	7,171.25	114.86	163.44	92.22	-181.39	-4,374.71	1,940.15	1,804.59	135.57	14.312		
14,300.00	7,093.92	11,718.00	7,171.25	116.51	163.44	92.22	-181.39	-4,374.71	2,027.60	1,896.40	131.20	15.454		
14,400.00	7,092.96	11,718.00	7,171.25	118.16	163.44	92.22	-181.39	-4,374.71	2,116.16	1,988.95	127.21	16.635		
14,500.00	7,092.00	11,718.00	7,171.25	119.81	163.44	92.22	-181.39	-4,374.71	2,205.70	2,082.13	123.56	17.851		
14,600.00	7,091.04	11,718.00	7,171.25	121.46	163.44	92.22	-181.39	-4,374.71	2,296.10	2,175.87	120.23	19.097		
14,700.00	7,090.09	11,718.00	7,171.25	123.11	163.44	92.22	-181.39	-4,374.71	2,387.27	2,270.09	117.18	20.372		
14,800.00	7,089.13	11,718.00	7,171.25	124.76	163.44	92.22	-181.39	-4,374.71	2,479.12	2,364.73	114.39	21.673		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	9.56	964.32	162.35	977.89					
100.00	100.00	123.00	123.00	3.28	3.87	9.56	964.32	162.35	977.89	969.78	8.12	120.477		
200.00	200.00	223.00	223.00	3.31	6.49	9.56	964.32	162.35	977.89	967.14	10.76	90.907 CC		
201.16	201.16	224.16	224.16	3.31	6.52	-122.84	964.32	162.35	977.89	967.10	10.79	90.604		
300.00	300.00	323.00	323.00	3.35	9.71	-122.87	964.32	162.35	978.24	964.21	14.02	69.761		
400.00	399.92	422.92	422.92	3.41	13.10	-123.02	964.32	162.35	980.32	962.86	17.47	56.123 ES		
500.00	499.64	522.64	522.64	3.49	16.54	-123.31	964.32	162.35	984.34	963.34	20.99	46.885		
600.00	599.05	622.05	622.05	3.60	20.01	-123.73	964.32	162.35	990.33	965.76	24.57	40.308		
700.00	698.03	721.03	721.03	3.74	23.47	-124.27	964.32	162.35	998.36	970.19	28.17	35.434		
800.00	796.44	819.44	819.44	3.93	26.93	-124.93	964.32	162.35	1,008.53	976.72	31.81	31.709		
900.00	894.18	917.18	917.18	4.16	30.37	-125.68	964.32	162.35	1,020.93	985.47	35.46	28.794		
1,000.00	991.29	1,014.29	1,014.29	4.45	32.66	-126.65	964.32	162.35	1,035.27	997.28	37.99	27.249		
1,100.00	1,088.34	1,105.49	1,105.48	4.77	32.64	-127.61	964.66	162.75	1,050.48	1,012.24	38.24	27.471		
1,200.00	1,185.40	1,200.39	1,200.38	5.11	32.64	-128.57	965.26	163.17	1,066.28	1,027.75	38.53	27.675		
1,300.00	1,282.45	1,295.44	1,295.43	5.48	32.65	-129.51	966.04	163.62	1,082.57	1,043.74	38.83	27.877		
1,400.00	1,379.51	1,391.38	1,391.37	5.87	32.66	-130.44	966.96	164.00	1,099.30	1,060.14	39.15	28.077		
1,500.00	1,476.56	1,489.42	1,489.36	6.27	32.67	-131.25	967.90	166.40	1,116.30	1,076.82	39.48	28.272		
1,600.00	1,573.62	1,587.71	1,587.40	6.68	32.68	-131.82	968.79	173.26	1,133.44	1,093.61	39.83	28.457		
1,700.00	1,670.67	1,694.66	1,693.65	7.10	32.70	-132.18	969.44	185.40	1,150.35	1,110.15	40.20	28.619		
1,800.00	1,767.73	1,829.64	1,826.95	7.53	32.73	-132.33	967.90	206.51	1,165.59	1,125.01	40.58	28.725		
1,900.00	1,864.78	1,934.93	1,930.85	7.77	32.76	-132.44	964.19	223.11	1,178.35	1,137.93	40.42	29.150		
2,000.00	1,961.84	2,028.53	2,023.31	7.83	32.79	-132.55	961.14	237.42	1,191.41	1,150.92	40.50	29.419		
2,100.00	2,058.89	2,235.70	2,227.76	7.91	32.88	-132.92	946.11	266.68	1,200.82	1,160.41	40.41	29.715		
2,200.00	2,155.95	2,361.66	2,352.12	8.01	32.94	-133.43	930.08	278.49	1,204.68	1,164.25	40.43	29.799		
2,300.00	2,253.00	2,499.31	2,487.75	8.13	33.01	-134.25	907.87	285.78	1,205.07	1,164.70	40.37	29.848		
2,400.00	2,350.06	2,620.35	2,606.65	8.26	33.07	-135.07	885.61	290.17	1,203.49	1,163.10	40.39	29.796		
2,500.00	2,447.11	2,757.92	2,741.11	8.42	33.17	-135.98	857.20	296.01	1,199.84	1,159.52	40.32	29.761		
2,600.00	2,544.17	2,887.32	2,866.52	8.59	33.29	-136.69	826.53	304.72	1,192.97	1,152.68	40.29	29.610		
2,700.00	2,641.22	2,950.22	2,927.57	8.77	33.35	-137.05	811.90	308.59	1,186.73	1,146.01	40.72	29.143		
2,800.00	2,738.28	3,049.82	3,024.77	8.98	33.45	-137.70	790.68	313.33	1,182.73	1,141.81	40.92	28.905		
2,900.00	2,835.33	3,186.34	3,157.28	9.19	33.62	-138.57	758.65	320.45	1,176.68	1,135.79	40.88	28.780		
3,000.00	2,932.39	3,262.34	3,231.02	9.42	33.71	-139.07	740.64	324.34	1,170.42	1,129.15	41.27	28.358		
3,100.00	3,029.44	3,349.51	3,315.79	9.66	33.82	-139.64	720.87	328.74	1,165.46	1,123.87	41.59	28.021		
3,200.00	3,126.50	3,460.49	3,423.75	9.91	33.97	-140.37	695.81	334.53	1,160.74	1,118.97	41.77	27.789		
3,300.00	3,223.55	3,565.64	3,525.75	10.17	34.14	-141.02	671.11	340.96	1,155.10	1,113.10	42.00	27.503		
3,400.00	3,320.61	3,650.64	3,608.33	10.44	34.27	-141.53	651.69	346.48	1,150.20	1,107.83	42.37	27.145		
3,500.00	3,417.66	3,760.73	3,715.30	10.72	34.46	-142.23	626.54	353.11	1,145.51	1,102.93	42.59	26.897		
3,600.00	3,514.71	3,886.03	3,836.66	11.00	34.70	-143.09	596.10	359.67	1,139.72	1,097.02	42.70	26.692		
3,700.00	3,611.77	4,004.73	3,950.83	11.30	34.95	-143.95	564.16	365.66	1,131.35	1,088.50	42.85	26.403		
3,800.00	3,708.82	4,084.61	4,027.65	11.60	35.12	-144.60	542.49	368.63	1,123.30	1,079.99	43.30	25.940		
3,900.00	3,805.88	4,160.51	4,101.06	11.90	35.28	-145.22	523.37	371.04	1,117.47	1,073.69	43.78	25.523		
4,000.00	3,902.93	4,236.29	4,174.74	12.22	35.43	-145.83	505.78	373.46	1,113.84	1,069.58	44.25	25.170		
4,100.00	3,999.99	4,316.03	4,252.64	12.54	35.58	-146.38	489.37	377.67	1,112.50	1,067.81	44.70	24.891		
4,200.00	4,097.04	4,432.17	4,365.97	12.86	35.83	-147.10	465.09	385.25	1,110.67	1,065.73	44.94	24.713		
4,300.00	4,194.10	4,528.95	4,460.44	13.19	36.04	-147.68	445.14	391.83	1,109.25	1,063.94	45.31	24.483		
4,400.00	4,291.15	4,667.65	4,595.23	13.52	36.39	-148.54	414.01	401.72	1,106.14	1,060.72	45.42	24.356		
4,500.00	4,388.21	4,753.38	4,678.18	13.86	36.61	-149.16	392.92	406.43	1,101.47	1,055.60	45.87	24.015		
4,600.00	4,485.26	4,819.68	4,742.64	14.20	36.77	-149.75	377.45	407.83	1,099.20	1,052.78	46.42	23.679		
4,614.52	4,499.36	4,828.54	4,751.29	14.25	36.79	-149.83	375.53	407.92	1,099.17	1,052.66	46.50	23.636		
4,700.00	4,582.32	4,884.59	4,806.19	14.54	36.92	-150.35	364.26	408.04	1,100.47	1,053.52	46.95	23.440		
4,800.00	4,679.37	4,977.01	4,897.00	14.89	37.11	-151.16	347.08	408.77	1,103.62	1,056.29	47.33	23.315		
4,900.00	4,776.43	5,065.65	4,984.26	15.24	37.29	-151.87	331.65	410.55	1,107.74	1,060.00	47.74	23.202		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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)	Centre +E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
5,000.00	4,873.48	5,153.72	5,071.12	15.59	37.47	-152.53	317.25	412.59	1,112.99	1,064.83	48.15	23.113	
5,100.00	4,970.54	5,225.94	5,142.54	15.94	37.60	-153.06	306.63	414.09	1,120.05	1,071.44	48.61	23.043	
5,200.00	5,067.59	5,297.27	5,213.32	16.30	37.73	-153.55	297.91	415.39	1,129.67	1,080.63	49.04	23.037	
5,300.00	5,164.65	5,369.70	5,285.40	16.66	37.84	-154.03	290.84	416.53	1,141.81	1,092.37	49.44	23.093	
5,400.00	5,261.70	5,445.15	5,360.62	17.02	37.95	-154.48	285.13	417.58	1,156.16	1,106.33	49.83	23.202	
5,500.00	5,358.76	5,524.09	5,439.42	17.39	38.05	-154.94	280.53	418.35	1,172.39	1,122.18	50.20	23.353	
5,600.00	5,455.81	5,627.73	5,542.92	17.75	38.18	-155.50	275.39	419.54	1,189.43	1,138.84	50.59	23.512	
5,700.00	5,552.87	5,741.35	5,656.32	18.12	38.33	-156.03	269.08	422.82	1,205.32	1,154.33	50.99	23.640	
5,800.00	5,649.92	5,825.54	5,740.34	18.49	38.45	-156.36	264.93	426.10	1,221.45	1,170.07	51.38	23.775	
5,900.00	5,746.98	5,909.98	5,824.67	18.86	38.55	-156.70	261.44	428.56	1,238.75	1,186.99	51.76	23.933	
6,000.00	5,844.03	5,988.10	5,902.74	19.24	38.64	-157.05	258.83	429.69	1,257.43	1,205.30	52.13	24.122	
6,100.00	5,941.09	6,067.44	5,982.06	19.61	38.72	-157.40	257.29	430.32	1,277.68	1,225.18	52.49	24.341	
6,200.00	6,038.14	6,152.34	6,066.95	19.98	38.80	-157.74	256.77	430.86	1,299.22	1,246.36	52.86	24.579	
6,300.00	6,135.20	6,243.03	6,157.64	20.36	38.88	-158.09	256.83	431.32	1,321.47	1,268.23	53.24	24.820	
6,400.00	6,232.25	6,339.83	6,254.44	20.74	38.97	-158.45	257.18	431.74	1,344.07	1,290.43	53.64	25.056	
6,500.00	6,329.31	6,438.93	6,353.54	21.12	39.06	-158.78	257.60	432.68	1,366.54	1,312.49	54.05	25.283	
6,600.00	6,426.37	6,537.27	6,451.88	21.49	39.15	-161.33	257.92	433.57	1,388.96	1,334.51	54.46	25.506	
6,700.00	6,524.50	6,644.51	6,559.02	21.72	39.25	-155.49	255.95	430.74	1,407.24	1,352.43	54.81	25.674	
6,800.00	6,622.76	6,755.24	6,668.86	21.88	39.38	-110.75	248.39	419.11	1,417.65	1,362.53	55.12	25.720	
6,900.00	6,718.71	6,852.41	6,763.76	21.97	39.52	-91.41	237.61	401.52	1,420.44	1,365.09	55.35	25.663	
7,000.00	6,810.00	6,930.74	6,838.12	22.01	39.63	-83.46	225.93	379.98	1,416.79	1,361.28	55.50	25.526	
7,100.00	6,894.37	7,091.34	6,981.57	22.00	39.96	-80.59	188.39	319.03	1,402.22	1,346.31	55.91	25.080	
7,200.00	6,969.76	7,137.00	7,020.53	21.96	40.07	-79.81	176.68	298.30	1,383.14	1,327.13	56.01	24.694	
7,300.00	7,034.30	7,200.91	7,073.21	21.89	40.22	-80.70	160.69	265.91	1,360.93	1,304.70	56.23	24.201	
7,400.00	7,086.41	7,248.21	7,108.92	21.80	40.34	-82.35	148.39	237.47	1,336.37	1,279.89	56.49	23.658	
7,500.00	7,124.80	7,294.25	7,140.53	21.71	40.46	-84.64	136.70	206.15	1,310.88	1,254.00	56.88	23.047	
7,600.00	7,148.53	7,345.57	7,171.29	21.62	40.61	-87.49	123.93	167.13	1,285.15	1,227.71	57.44	22.375	
7,700.00	7,157.02	7,389.86	7,193.78	21.55	40.74	-90.54	113.23	130.54	1,259.96	1,201.80	58.16	21.664	
7,800.00	7,156.15	7,419.00	7,206.51	21.56	40.85	-91.39	106.97	105.09	1,238.14	1,179.25	58.89	21.025	
7,900.00	7,155.19	7,464.00	7,223.01	21.72	41.00	-92.20	99.33	63.96	1,221.67	1,161.84	59.84	20.417	
8,000.00	7,154.24	7,484.85	7,229.32	22.13	41.07	-92.52	96.92	44.23	1,210.84	1,150.17	60.67	19.958	
8,100.00	7,153.28	7,513.00	7,236.40	22.77	41.18	-92.87	95.09	17.06	1,206.11	1,144.51	61.60	19.581	
8,120.99	7,153.08	7,513.00	7,236.40	22.93	41.18	-92.87	95.09	17.06	1,205.93	1,144.17	61.75	19.529	
8,200.00	7,152.32	7,539.31	7,241.61	23.59	41.26	-93.13	94.97	-8.72	1,207.46	1,144.91	62.55	19.304	
8,300.00	7,151.36	7,565.13	7,245.53	24.52	41.36	-93.32	96.43	-34.19	1,214.91	1,151.42	63.49	19.135	
8,400.00	7,150.41	7,602.67	7,249.30	25.54	42.31	-93.50	100.98	-71.26	1,228.16	1,163.68	64.48	19.048	
8,500.00	7,149.45	7,657.00	7,251.39	26.64	44.03	-93.59	110.26	-124.73	1,245.91	1,180.36	65.55	19.008	
8,600.00	7,148.49	7,735.78	7,251.76	27.79	44.18	-93.60	125.87	-201.95	1,266.36	1,199.59	66.77	18.967	
8,700.00	7,147.54	7,830.63	7,252.76	29.00	44.42	-93.63	144.67	-294.91	1,287.01	1,218.63	68.38	18.821	
8,800.00	7,146.58	7,921.43	7,254.07	30.25	44.73	-93.67	162.99	-383.83	1,308.05	1,237.81	70.24	18.622	
8,900.00	7,145.62	8,014.72	7,255.75	31.54	45.17	-93.73	182.24	-475.09	1,329.55	1,257.14	72.40	18.363	
9,000.00	7,144.66	8,129.54	7,257.73	32.86	45.98	-93.79	205.56	-587.51	1,350.77	1,275.45	75.31	17.936	
9,100.00	7,143.71	9,100.00	7,254.53	34.21	63.97	-93.68	244.09	-917.57	1,364.08	1,265.87	98.20	13.890	
9,200.00	7,142.75	8,707.41	7,244.93	35.59	56.19	-93.39	235.43	-1,162.11	1,359.68	1,267.39	92.29	14.733	
9,300.00	7,141.79	8,826.93	7,244.68	36.99	59.12	-93.45	224.52	-1,281.13	1,351.30	1,254.59	96.72	13.972	
9,400.00	7,140.83	8,928.89	7,244.64	38.41	61.73	-93.51	214.80	-1,382.62	1,342.60	1,241.83	100.77	13.324	
9,500.00	7,139.88	9,016.58	7,245.75	39.86	64.04	-93.62	206.26	-1,469.88	1,333.81	1,229.32	104.50	12.764	
9,600.00	7,138.92	9,090.78	7,245.94	41.31	66.04	-93.67	200.43	-1,543.85	1,326.79	1,218.91	107.88	12.299	
9,700.00	7,137.96	9,171.75	7,246.74	42.79	68.26	-93.75	195.47	-1,624.67	1,321.53	1,210.03	111.51	11.852	
9,800.00	7,137.00	9,282.48	7,250.66	44.28	71.37	-93.99	188.15	-1,735.08	1,315.94	1,199.78	116.15	11.329	
9,900.00	7,136.05	9,354.00	7,253.08	45.78	73.40	-94.13	184.25	-1,806.45	1,311.55	1,191.99	119.55	10.970	
10,000.00	7,135.09	9,451.18	7,254.74	47.29	76.22	-94.26	180.19	-1,903.52	1,308.34	1,184.47	123.87	10.562	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,134.13	9,522.60	7,254.44	48.81	78.32	94.28	178.21	-1,974.92	1,306.36	1,179.05	127.31	10.261		
10,200.00	7,133.17	9,618.99	7,252.91	50.34	81.18	94.25	177.02	-2,071.29	1,305.83	1,174.14	131.69	9.916		
10,276.06	7,132.44	9,686.66	7,252.62	51.51	83.21	94.27	176.18	-2,138.95	1,305.50	1,170.67	134.83	9.683		
10,300.00	7,132.22	9,706.82	7,252.53	51.88	83.82	94.27	176.05	-2,159.11	1,305.53	1,169.76	135.78	9.615		
10,400.00	7,131.26	9,801.47	7,251.72	53.43	86.69	94.28	175.91	-2,253.76	1,306.15	1,165.99	140.16	9.319		
10,500.00	7,130.30	9,880.92	7,250.32	54.98	89.12	94.24	176.35	-2,333.19	1,307.45	1,163.49	143.96	9.082		
10,600.00	7,129.34	9,959.95	7,249.01	56.55	91.55	94.21	178.35	-2,412.18	1,310.64	1,162.91	147.74	8.871		
10,700.00	7,128.39	10,049.25	7,250.05	58.11	94.32	94.28	181.43	-2,501.42	1,314.99	1,163.04	151.95	8.654		
10,800.00	7,127.43	10,145.86	7,251.48	59.69	97.33	94.37	185.22	-2,597.95	1,319.84	1,163.34	156.50	8.434		
10,900.00	7,126.47	10,236.61	7,251.34	61.26	100.18	94.39	189.06	-2,688.61	1,324.90	1,164.09	160.81	8.239		
11,000.00	7,125.51	10,316.99	7,251.72	62.85	102.72	94.42	193.58	-2,768.87	1,331.35	1,166.69	164.66	8.085		
11,100.00	7,124.56	10,410.72	7,252.94	64.44	105.69	94.49	199.51	-2,862.40	1,338.60	1,169.47	169.13	7.915		
11,200.00	7,123.60	10,499.66	7,252.85	66.03	108.52	94.50	205.93	-2,951.10	1,346.60	1,173.22	173.38	7.767		
11,300.00	7,122.64	10,785.50	7,263.53	67.62	117.69	95.04	210.67	-3,236.16	1,351.89	1,166.22	185.67	7.281		
11,400.00	7,121.68	10,890.50	7,267.43	69.22	121.07	95.27	203.26	-3,340.80	1,346.00	1,155.41	190.60	7.062		
11,500.00	7,120.73	10,969.76	7,266.62	70.83	123.63	95.29	198.77	-3,419.92	1,341.09	1,146.37	194.73	6.887		
11,600.00	7,119.77	11,075.65	7,262.84	72.43	127.08	95.19	193.40	-3,525.61	1,336.56	1,136.78	199.78	6.690		
11,700.00	7,118.81	11,164.33	7,258.10	74.04	129.96	95.03	189.12	-3,614.06	1,332.13	1,127.86	204.27	6.521		
11,800.00	7,117.85	11,229.56	7,254.23	75.65	132.09	94.90	187.26	-3,679.15	1,329.62	1,121.74	207.88	6.396		
11,900.00	7,116.90	11,314.76	7,250.43	77.27	134.89	94.77	186.50	-3,764.25	1,329.15	1,116.95	212.20	6.264		
11,913.87	7,116.76	11,327.44	7,250.17	77.49	135.30	94.77	186.41	-3,776.93	1,329.14	1,116.32	212.83	6.245		
12,000.00	7,115.94	11,402.18	7,249.67	78.88	137.76	94.77	186.12	-3,851.67	1,329.49	1,112.92	216.57	6.139		
12,100.00	7,114.98	11,491.67	7,250.14	80.50	140.71	94.83	186.51	-3,941.16	1,330.80	1,109.77	221.02	6.021		
12,200.00	7,114.02	11,591.90	7,250.79	82.12	144.02	94.89	187.39	-4,041.38	1,332.56	1,106.63	225.93	5.898		
12,300.00	7,113.07	11,691.87	7,251.08	83.75	147.33	94.94	188.08	-4,141.34	1,334.13	1,103.28	230.84	5.779		
12,400.00	7,112.11	11,794.34	7,253.77	85.37	150.73	95.09	188.62	-4,243.78	1,335.72	1,099.88	235.84	5.664		
12,500.00	7,111.15	11,891.94	7,255.42	87.00	160.76	95.19	189.15	-4,341.36	1,337.25	1,089.81	247.44	5.404		
12,600.00	7,110.19	11,923.00	7,255.79	88.63	168.20	95.22	189.36	-4,372.42	1,340.66	1,085.15	255.51	5.247 SF		
12,700.00	7,109.24	11,923.00	7,255.79	90.26	168.20	95.22	189.36	-4,372.42	1,351.12	1,096.52	254.60	5.307		
12,800.00	7,108.28	11,923.00	7,255.79	91.89	168.20	95.22	189.36	-4,372.42	1,368.82	1,116.35	252.47	5.422		
12,900.00	7,107.32	11,923.00	7,255.79	93.52	168.20	95.22	189.36	-4,372.42	1,393.49	1,144.25	249.25	5.591		
13,000.00	7,106.36	11,923.00	7,255.79	95.16	168.20	95.22	189.36	-4,372.42	1,424.77	1,179.68	245.10	5.813		
13,100.00	7,105.41	11,923.00	7,255.79	96.80	168.20	95.22	189.36	-4,372.42	1,462.24	1,222.04	240.20	6.088		
13,200.00	7,104.45	11,923.00	7,255.79	98.43	168.20	95.22	189.36	-4,372.42	1,505.42	1,270.67	234.74	6.413		
13,300.00	7,103.49	11,923.00	7,255.79	100.07	168.20	95.22	189.36	-4,372.42	1,553.85	1,324.94	228.91	6.788		
13,400.00	7,102.53	11,923.00	7,255.79	101.71	168.20	95.22	189.36	-4,372.42	1,607.04	1,384.19	222.85	7.211		
13,500.00	7,101.58	11,923.00	7,255.79	103.35	168.20	95.22	189.36	-4,372.42	1,664.56	1,447.85	216.70	7.681		
13,600.00	7,100.62	11,923.00	7,255.79	104.99	168.20	95.22	189.36	-4,372.42	1,725.95	1,515.38	210.57	8.197		
13,700.00	7,099.66	11,923.00	7,255.79	106.64	168.20	95.22	189.36	-4,372.42	1,790.82	1,586.30	204.53	8.756		
13,800.00	7,098.70	11,923.00	7,255.79	108.28	168.20	95.22	189.36	-4,372.42	1,858.82	1,660.17	198.65	9.357		
13,900.00	7,097.75	11,923.00	7,255.79	109.92	168.20	95.22	189.36	-4,372.42	1,929.60	1,736.62	192.98	9.999		
14,000.00	7,096.79	11,923.00	7,255.79	111.57	168.20	95.22	189.36	-4,372.42	2,002.88	1,815.34	187.54	10.680		
14,100.00	7,095.83	11,923.00	7,255.79	113.22	168.20	95.22	189.36	-4,372.42	2,078.38	1,896.04	182.34	11.398		
14,200.00	7,094.87	11,923.00	7,255.79	114.86	168.20	95.22	189.36	-4,372.42	2,155.88	1,978.47	177.41	12.152		
14,300.00	7,093.92	11,923.00	7,255.79	116.51	168.20	95.22	189.36	-4,372.42	2,235.17	2,062.43	172.74	12.940		
14,400.00	7,092.96	11,923.00	7,255.79	118.16	168.20	95.22	189.36	-4,372.42	2,316.06	2,147.74	168.32	13.760		
14,500.00	7,092.00	11,923.00	7,255.79	119.81	168.20	95.22	189.36	-4,372.42	2,398.39	2,234.24	164.15	14.611		
14,600.00	7,091.04	11,923.00	7,255.79	121.46	168.20	95.22	189.36	-4,372.42	2,482.02	2,321.80	160.23	15.491		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	7,151.36	7,153.36	7,153.36	24.52	251.71	-90.32	-3,250.67	-1,391.93	2,473.18	2,197.51	275.67	8.971	
8,400.00	7,150.41	7,152.41	7,152.41	25.54	251.68	-90.30	-3,250.67	-1,391.93	2,423.93	2,147.52	276.42	8.769	
8,500.00	7,149.45	7,151.45	7,151.45	26.64	251.64	-90.27	-3,250.67	-1,391.93	2,377.87	2,100.57	277.31	8.575	
8,600.00	7,148.49	7,150.49	7,150.49	27.79	251.61	-90.25	-3,250.67	-1,391.93	2,335.19	2,056.85	278.33	8.390	
8,700.00	7,147.54	7,149.54	7,149.54	29.00	251.57	-90.22	-3,250.67	-1,391.93	2,296.06	2,016.58	279.49	8.215	
8,800.00	7,146.58	7,148.58	7,148.58	30.25	251.54	-90.19	-3,250.67	-1,391.93	2,260.69	1,979.93	280.76	8.052	
8,900.00	7,145.62	7,147.62	7,147.62	31.54	251.51	-90.17	-3,250.67	-1,391.93	2,229.25	1,947.12	282.13	7.902	
9,000.00	7,144.66	7,146.66	7,146.66	32.86	251.47	-90.14	-3,250.67	-1,391.93	2,201.90	1,918.31	283.59	7.764	
9,100.00	7,143.71	7,145.71	7,145.71	34.21	251.44	-90.12	-3,250.67	-1,391.93	2,178.80	1,893.68	285.11	7.642	
9,200.00	7,142.75	7,144.75	7,144.75	35.59	251.41	-90.09	-3,250.67	-1,391.93	2,160.08	1,873.40	286.69	7.535	
9,300.00	7,141.79	7,143.79	7,143.79	36.99	251.37	-90.07	-3,250.67	-1,391.93	2,145.87	1,857.58	288.29	7.444	
9,400.00	7,140.83	7,142.83	7,142.83	38.41	251.34	-90.04	-3,250.67	-1,391.93	2,136.25	1,846.35	289.90	7.369	
9,500.00	7,139.88	7,141.88	7,141.88	39.86	251.30	-90.01	-3,250.67	-1,391.93	2,131.28	1,839.79	291.50	7.312	
9,556.00	7,139.34	7,141.34	7,141.34	40.67	251.28	-90.00	-3,250.67	-1,391.93	2,130.55	1,838.17	292.38	7.287 CC	
9,600.00	7,138.92	7,140.92	7,140.92	41.31	251.27	-89.99	-3,250.67	-1,391.93	2,131.00	1,837.94	293.07	7.271 ES	
9,700.00	7,137.96	7,139.96	7,139.96	42.79	251.24	-89.96	-3,250.67	-1,391.93	2,135.41	1,840.82	294.59	7.249	
9,800.00	7,137.00	7,139.00	7,139.00	44.28	251.20	-89.94	-3,250.67	-1,391.93	2,144.47	1,848.42	296.06	7.243 SF	
9,900.00	7,136.05	7,138.05	7,138.05	45.78	251.17	-89.91	-3,250.67	-1,391.93	2,158.14	1,860.69	297.45	7.256	
10,000.00	7,135.09	7,137.09	7,137.09	47.29	251.13	-89.89	-3,250.67	-1,391.93	2,176.32	1,877.56	298.76	7.285	
10,100.00	7,134.13	7,136.13	7,136.13	48.81	251.10	-89.86	-3,250.67	-1,391.93	2,198.90	1,898.91	299.98	7.330	
10,200.00	7,133.17	7,135.17	7,135.17	50.34	251.07	-89.83	-3,250.67	-1,391.93	2,225.74	1,924.63	301.11	7.392	
10,300.00	7,132.22	7,134.22	7,134.22	51.88	251.03	-89.81	-3,250.67	-1,391.93	2,256.70	1,954.56	302.14	7.469	
10,400.00	7,131.26	7,133.26	7,133.26	53.43	251.00	-89.78	-3,250.67	-1,391.93	2,291.62	1,988.54	303.08	7.561	
10,500.00	7,130.30	7,132.30	7,132.30	54.98	250.96	-89.76	-3,250.67	-1,391.93	2,330.30	2,026.38	303.92	7.667	
10,600.00	7,129.34	7,131.34	7,131.34	56.55	250.93	-89.73	-3,250.67	-1,391.93	2,372.57	2,067.89	304.67	7.787	
10,700.00	7,128.39	7,130.39	7,130.39	58.11	250.90	-89.71	-3,250.67	-1,391.93	2,418.23	2,112.90	305.34	7.920	
10,800.00	7,127.43	7,129.43	7,129.43	59.69	250.86	-89.68	-3,250.67	-1,391.93	2,467.11	2,161.19	305.92	8.065	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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_UNKNOWNN													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
10,500.00	7,130.30	7,385.59	7,250.66	54.98	17.90	94.34	508.72	-4,227.81	2,491.33	2,430.85	60.49	41.187		
10,600.00	7,129.34	7,381.44	7,246.51	56.55	17.84	94.19	508.84	-4,227.94	2,417.50	2,355.20	62.30	38.803		
10,700.00	7,128.39	7,377.28	7,242.36	58.11	17.79	94.05	508.96	-4,228.07	2,345.59	2,281.37	64.22	36.525		
10,800.00	7,127.43	7,373.13	7,238.21	59.69	17.73	93.91	509.08	-4,228.21	2,275.81	2,209.56	66.24	34.355		
10,900.00	7,126.47	7,368.97	7,234.05	61.26	17.67	93.76	509.20	-4,228.34	2,208.33	2,139.96	68.37	32.300		
11,000.00	7,125.51	7,364.81	7,229.90	62.85	17.61	93.62	509.32	-4,228.47	2,143.40	2,072.80	70.60	30.361		
11,100.00	7,124.56	7,360.66	7,225.75	64.44	17.56	93.48	509.43	-4,228.61	2,081.23	2,008.31	72.92	28.542		
11,200.00	7,123.60	7,356.50	7,221.60	66.03	17.50	93.33	509.55	-4,228.74	2,022.10	1,946.77	75.33	26.844		
11,300.00	7,122.64	7,352.35	7,217.45	67.62	17.44	93.19	509.67	-4,228.88	1,966.26	1,888.45	77.81	25.271		
11,400.00	7,121.68	7,348.19	7,213.29	69.22	17.38	93.04	509.79	-4,229.01	1,914.02	1,833.67	80.34	23.823		
11,500.00	7,120.73	7,344.03	7,209.14	70.83	17.32	92.90	509.91	-4,229.14	1,865.66	1,782.75	82.91	22.502		
11,600.00	7,119.77	7,339.88	7,204.99	72.43	17.27	92.76	510.03	-4,229.28	1,821.51	1,736.02	85.49	21.307		
11,700.00	7,118.81	7,335.72	7,200.84	74.04	17.21	92.61	510.15	-4,229.41	1,781.87	1,693.83	88.05	20.238		
11,800.00	7,117.85	7,331.57	7,196.69	75.65	17.15	92.47	510.27	-4,229.55	1,747.06	1,656.51	90.54	19.295		
11,900.00	7,116.90	7,327.41	7,192.53	77.27	17.09	92.33	510.39	-4,229.68	1,717.36	1,624.41	92.94	18.477		
12,000.00	7,115.94	7,323.25	7,188.38	78.88	17.03	92.18	510.50	-4,229.81	1,693.04	1,597.83	95.21	17.783		
12,100.00	7,114.98	7,319.10	7,184.23	80.50	16.98	92.04	510.62	-4,229.95	1,674.34	1,577.04	97.29	17.209		
12,200.00	7,114.02	7,314.94	7,180.08	82.12	16.92	91.89	510.74	-4,230.08	1,661.45	1,562.28	99.17	16.754		
12,300.00	7,113.07	7,310.79	7,175.93	83.75	16.86	91.75	510.86	-4,230.22	1,654.50	1,553.71	100.79	16.415		
12,365.38	7,112.44	7,308.07	7,173.21	84.81	16.73	91.66	510.94	-4,230.30	1,653.21	1,551.60	101.61	16.270 CC		
12,400.00	7,112.11	7,306.63	7,171.77	85.37	16.80	91.61	510.98	-4,230.35	1,653.57	1,551.43	102.14	16.189 ES		
12,500.00	7,111.15	7,302.47	7,167.62	87.00	16.75	91.46	511.10	-4,230.48	1,658.67	1,555.47	103.20	16.073		
12,600.00	7,110.19	7,301.68	7,163.47	88.63	16.73	91.32	511.22	-4,230.62	1,669.75	1,565.74	104.01	16.054 SF		
12,700.00	7,109.24	7,305.84	7,159.32	90.26	16.79	91.17	511.34	-4,230.75	1,686.68	1,582.09	104.59	16.127		
12,800.00	7,108.28	7,290.01	7,155.17	91.89	16.68	91.03	511.46	-4,230.88	1,709.29	1,604.57	104.72	16.323		
12,900.00	7,107.32	7,285.85	7,151.01	93.52	16.67	90.89	511.58	-4,231.02	1,737.36	1,632.68	104.68	16.597		
13,000.00	7,106.36	7,281.70	7,146.86	95.16	16.66	90.74	511.69	-4,231.15	1,770.63	1,666.23	104.40	16.960		
13,100.00	7,105.41	7,277.54	7,142.71	96.80	16.65	90.60	511.81	-4,231.29	1,808.82	1,704.91	103.92	17.407		
13,200.00	7,104.45	7,273.38	7,138.56	98.43	16.64	90.46	511.93	-4,231.42	1,851.62	1,748.37	103.25	17.934		
13,300.00	7,103.49	7,269.23	7,134.41	100.07	16.62	90.31	512.05	-4,231.55	1,898.71	1,796.28	102.43	18.537		
13,400.00	7,102.53	7,265.07	7,130.25	101.71	16.61	90.17	512.17	-4,231.69	1,949.79	1,848.30	101.49	19.212		
13,500.00	7,101.58	7,260.92	7,126.10	103.35	16.60	90.02	512.29	-4,231.82	2,004.55	1,904.10	100.46	19.954		
13,600.00	7,100.62	7,256.76	7,121.95	104.99	16.59	89.88	512.41	-4,231.96	2,062.70	1,963.35	99.36	20.761		
13,700.00	7,099.66	7,252.60	7,117.80	106.64	16.58	89.74	512.53	-4,232.09	2,123.97	2,025.76	98.21	21.627		
13,800.00	7,098.70	7,248.45	7,113.64	108.28	16.57	89.59	512.65	-4,232.22	2,188.08	2,091.05	97.03	22.550		
13,900.00	7,097.75	7,244.29	7,109.49	109.92	16.55	89.45	512.77	-4,232.36	2,254.79	2,158.95	95.84	23.527		
14,000.00	7,096.79	7,240.14	7,105.34	111.57	16.54	89.30	512.88	-4,232.49	2,323.89	2,229.24	94.65	24.553		
14,100.00	7,095.83	7,235.98	7,101.19	113.22	16.53	89.16	513.00	-4,232.62	2,395.16	2,301.70	93.46	25.627		
14,200.00	7,094.87	7,231.82	7,097.04	114.86	16.52	89.02	513.12	-4,232.76	2,468.42	2,376.13	92.30	26.744		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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
9,800.00	7,137.00	7,157.00	7,157.00	44.28	251.84	95.69	-907.88	-4,071.98	2,429.33	2,155.32	274.02	8.866	
9,900.00	7,136.05	7,156.05	7,156.05	45.78	251.81	95.45	-907.88	-4,071.98	2,329.82	2,055.67	274.15	8.498	
10,000.00	7,135.09	7,155.09	7,155.09	47.29	251.77	95.22	-907.88	-4,071.98	2,230.34	1,956.05	274.29	8.131	
10,100.00	7,134.13	7,154.13	7,154.13	48.81	251.74	94.98	-907.88	-4,071.98	2,130.92	1,856.46	274.46	7.764	
10,200.00	7,133.17	7,153.17	7,153.17	50.34	251.70	94.75	-907.88	-4,071.98	2,031.55	1,756.91	274.64	7.397	
10,300.00	7,132.22	7,152.22	7,152.22	51.88	251.67	94.52	-907.88	-4,071.98	1,932.25	1,657.39	274.86	7.030	
10,400.00	7,131.26	7,151.26	7,151.26	53.43	251.64	94.28	-907.88	-4,071.98	1,833.02	1,557.91	275.11	6.663	
10,500.00	7,130.30	7,150.30	7,150.30	54.98	251.60	94.05	-907.88	-4,071.98	1,733.88	1,458.48	275.40	6.296	
10,600.00	7,129.34	7,149.34	7,149.34	56.55	251.57	93.81	-907.88	-4,071.98	1,634.84	1,359.11	275.73	5.929	
10,700.00	7,128.39	7,148.39	7,148.39	58.11	251.53	93.58	-907.88	-4,071.98	1,535.93	1,259.80	276.12	5.563	
10,800.00	7,127.43	7,147.43	7,147.43	59.69	251.50	93.34	-907.88	-4,071.98	1,437.16	1,160.58	276.58	5.196	
10,900.00	7,126.47	7,146.47	7,146.47	61.26	251.47	93.11	-907.88	-4,071.98	1,338.58	1,061.45	277.13	4.830	
11,000.00	7,125.51	7,145.51	7,145.51	62.85	251.43	92.87	-907.88	-4,071.98	1,240.23	962.43	277.80	4.465	
11,100.00	7,124.56	7,144.56	7,144.56	64.44	251.40	92.64	-907.88	-4,071.98	1,142.16	863.55	278.61	4.100	
11,200.00	7,123.60	7,143.60	7,143.60	66.03	251.36	92.40	-907.88	-4,071.98	1,044.46	764.85	279.61	3.735	
11,300.00	7,122.64	7,142.64	7,142.64	67.62	251.33	92.17	-907.88	-4,071.98	947.23	666.37	280.86	3.373	
11,400.00	7,121.68	7,141.68	7,141.68	69.22	251.30	91.93	-907.88	-4,071.98	850.65	568.19	282.47	3.012	
11,500.00	7,120.73	7,140.73	7,140.73	70.83	251.26	91.69	-907.88	-4,071.98	754.96	470.41	284.55	2.653	
11,600.00	7,119.77	7,139.77	7,139.77	72.43	251.23	91.46	-907.88	-4,071.98	660.55	373.22	287.33	2.299	
11,700.00	7,118.81	7,138.81	7,138.81	74.04	251.19	91.22	-907.88	-4,071.98	568.04	276.94	291.10	1.951	
11,800.00	7,117.85	7,137.85	7,137.85	75.65	251.16	90.99	-907.88	-4,071.98	478.56	182.22	296.35	1.615	
11,900.00	7,116.90	7,136.90	7,136.90	77.27	251.13	90.75	-907.88	-4,071.98	394.17	90.43	303.74	1.298	Level 3
12,000.00	7,115.94	7,135.94	7,135.94	78.88	251.09	90.51	-907.88	-4,071.98	318.93	5.02	313.92	1.016	Level 2
12,100.00	7,114.98	7,134.98	7,134.98	80.50	251.06	90.28	-907.88	-4,071.98	260.89	-65.08	325.97	0.800	Level 1
12,200.00	7,114.02	7,134.02	7,134.02	82.12	251.03	90.04	-907.88	-4,071.98	233.25	-100.47	333.72	0.699	Level 1
12,218.29	7,113.85	7,133.85	7,133.85	82.42	251.02	90.00	-907.88	-4,071.98	232.54	-101.35	333.89	0.696	Level 1, CC, ES, SF
12,300.00	7,113.07	7,133.07	7,133.07	83.75	250.99	89.81	-907.88	-4,071.98	246.47	-82.78	329.25	0.749	Level 1
12,400.00	7,112.11	7,132.11	7,132.11	85.37	250.96	89.57	-907.88	-4,071.98	295.11	-22.09	317.20	0.930	Level 1
12,500.00	7,111.15	7,131.15	7,131.15	87.00	250.92	89.34	-907.88	-4,071.98	365.28	59.46	305.82	1.194	Level 2
12,600.00	7,110.19	7,130.19	7,130.19	88.63	250.89	89.10	-907.88	-4,071.98	446.95	149.55	297.40	1.503	
12,700.00	7,109.24	7,129.24	7,129.24	90.26	250.86	88.86	-907.88	-4,071.98	534.88	243.40	291.48	1.835	
12,800.00	7,108.28	7,128.28	7,128.28	91.89	250.82	88.63	-907.88	-4,071.98	626.44	339.12	287.32	2.180	
12,900.00	7,107.32	7,127.32	7,127.32	93.52	250.79	88.39	-907.88	-4,071.98	720.25	435.91	284.34	2.533	
13,000.00	7,106.36	7,126.36	7,126.36	95.16	250.75	88.16	-907.88	-4,071.98	815.53	533.37	282.16	2.890	
13,100.00	7,105.41	7,125.41	7,125.41	96.80	250.72	87.92	-907.88	-4,071.98	911.82	631.28	280.54	3.250	
13,200.00	7,104.45	7,124.45	7,124.45	98.43	250.69	87.69	-907.88	-4,071.98	1,008.83	729.52	279.31	3.612	
13,300.00	7,103.49	7,123.49	7,123.49	100.07	250.65	87.45	-907.88	-4,071.98	1,106.37	828.01	278.37	3.974	
13,400.00	7,102.53	7,122.53	7,122.53	101.71	250.62	87.21	-907.88	-4,071.98	1,204.32	926.68	277.64	4.338	
13,500.00	7,101.58	7,121.58	7,121.58	103.35	250.58	86.98	-907.88	-4,071.98	1,302.58	1,025.51	277.06	4.701	
13,600.00	7,100.62	7,120.62	7,120.62	104.99	250.55	86.74	-907.88	-4,071.98	1,401.08	1,124.47	276.61	5.065	
13,700.00	7,099.66	7,119.66	7,119.66	106.64	250.52	86.51	-907.88	-4,071.98	1,499.78	1,223.53	276.25	5.429	
13,800.00	7,098.70	7,118.70	7,118.70	108.28	250.48	86.27	-907.88	-4,071.98	1,598.64	1,322.68	275.96	5.793	
13,900.00	7,097.75	7,117.75	7,117.75	109.92	250.45	86.04	-907.88	-4,071.98	1,697.63	1,421.91	275.73	6.157	
14,000.00	7,096.79	7,116.79	7,116.79	111.57	250.41	85.80	-907.88	-4,071.98	1,796.74	1,521.19	275.54	6.521	
14,100.00	7,095.83	7,115.83	7,115.83	113.22	250.38	85.57	-907.88	-4,071.98	1,895.94	1,620.54	275.40	6.884	
14,200.00	7,094.87	7,114.87	7,114.87	114.86	250.35	85.34	-907.88	-4,071.98	1,995.22	1,719.93	275.28	7.248	
14,300.00	7,093.92	7,113.92	7,113.92	116.51	250.31	85.10	-907.88	-4,071.98	2,094.56	1,819.37	275.20	7.611	
14,400.00	7,092.96	7,112.96	7,112.96	118.16	250.28	84.87	-907.88	-4,071.98	2,193.97	1,918.84	275.13	7.974	
14,500.00	7,092.00	7,112.00	7,112.00	119.81	250.25	84.63	-907.88	-4,071.98	2,293.42	2,018.34	275.08	8.337	
14,600.00	7,091.04	7,111.04	7,111.04	121.46	250.21	84.40	-907.88	-4,071.98	2,392.93	2,117.88	275.05	8.700	
14,700.00	7,090.09	7,110.09	7,110.09	123.11	250.18	84.17	-907.88	-4,071.98	2,492.47	2,217.44	275.03	9.063	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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_UNKNOWNN													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
9,500.00	7,139.88	7,322.34	7,318.15	39.86	17.95	105.69	-469.30	-3,710.30	2,451.82	2,408.96	42.86	57.209		
9,600.00	7,138.92	7,316.07	7,311.91	41.31	17.78	105.19	-468.93	-3,710.64	2,356.07	2,312.84	43.24	54.492		
9,700.00	7,137.96	7,309.81	7,305.67	42.79	17.50	104.68	-468.56	-3,710.97	2,260.68	2,217.12	43.56	51.893		
9,800.00	7,137.00	7,303.55	7,299.43	44.28	17.41	104.17	-468.19	-3,711.31	2,165.68	2,121.54	44.15	49.057		
9,900.00	7,136.05	7,302.71	7,293.19	45.78	17.43	103.66	-467.82	-3,711.64	2,071.14	2,026.22	44.92	46.108		
10,000.00	7,135.09	7,291.03	7,286.95	47.29	17.22	103.15	-467.45	-3,711.98	1,977.11	1,931.55	45.56	43.394		
10,100.00	7,134.13	7,284.77	7,280.71	48.81	17.12	102.64	-467.08	-3,712.31	1,883.68	1,837.26	46.42	40.580		
10,200.00	7,133.17	7,278.51	7,274.47	50.34	17.03	102.12	-466.70	-3,712.65	1,790.93	1,743.53	47.40	37.787		
10,300.00	7,132.22	7,272.25	7,268.23	51.88	16.93	101.61	-466.33	-3,712.98	1,698.98	1,650.47	48.51	35.024		
10,400.00	7,131.26	7,265.99	7,261.99	53.43	16.84	101.09	-465.96	-3,713.32	1,607.97	1,558.19	49.78	32.300		
10,500.00	7,130.30	7,259.73	7,255.74	54.98	16.75	100.57	-465.59	-3,713.65	1,518.07	1,466.83	51.24	29.627		
10,600.00	7,129.34	7,253.47	7,249.50	56.55	16.65	100.05	-465.22	-3,713.99	1,429.48	1,376.58	52.91	27.019		
10,700.00	7,128.39	7,247.21	7,243.26	58.11	16.56	99.53	-464.85	-3,714.32	1,342.47	1,287.65	54.82	24.490		
10,800.00	7,127.43	7,240.95	7,237.02	59.69	16.46	99.01	-464.48	-3,714.66	1,257.36	1,200.35	57.01	22.057		
10,900.00	7,126.47	7,234.69	7,230.78	61.26	16.37	98.48	-464.11	-3,714.99	1,174.56	1,115.05	59.51	19.738		
11,000.00	7,125.51	7,228.43	7,224.54	62.85	16.27	97.96	-463.74	-3,715.33	1,094.61	1,032.25	62.36	17.553		
11,100.00	7,124.56	7,222.17	7,218.30	64.44	16.18	97.44	-463.37	-3,715.66	1,018.16	952.57	65.59	15.522		
11,200.00	7,123.60	7,215.91	7,212.06	66.03	16.09	96.91	-462.99	-3,716.00	946.08	876.87	69.21	13.669		
11,300.00	7,122.64	7,209.65	7,205.82	67.62	15.99	96.38	-462.62	-3,716.33	879.43	806.24	73.19	12.015		
11,400.00	7,121.68	7,203.39	7,199.58	69.22	15.90	95.86	-462.25	-3,716.67	819.54	742.10	77.45	10.582		
11,500.00	7,120.73	7,202.88	7,193.34	70.83	15.89	95.33	-461.88	-3,717.00	768.00	686.13	81.87	9.381		
11,600.00	7,119.77	7,209.14	7,187.10	72.43	15.98	94.80	-461.51	-3,717.34	726.58	640.41	86.18	8.431		
11,700.00	7,118.81	7,184.60	7,180.86	74.04	15.80	94.28	-461.14	-3,717.67	697.10	607.51	89.58	7.781		
11,800.00	7,117.85	7,178.34	7,174.62	75.65	15.78	93.75	-460.77	-3,718.01	681.09	589.02	92.07	7.397		
11,860.73	7,117.27	7,174.54	7,170.83	76.63	15.77	93.43	-460.54	-3,718.21	678.39	585.48	92.91	7.302 CC, ES		
11,900.00	7,116.90	7,172.08	7,168.38	77.27	15.76	93.22	-460.40	-3,718.34	679.52	586.37	93.15	7.295 SF		
12,000.00	7,115.94	7,165.82	7,162.14	78.88	15.74	92.69	-460.03	-3,718.68	692.48	599.76	92.72	7.468		
12,100.00	7,114.98	7,159.56	7,155.90	80.50	15.72	92.17	-459.65	-3,719.01	719.19	628.21	90.98	7.905		
12,200.00	7,114.02	7,153.30	7,149.66	82.12	15.70	91.64	-459.28	-3,719.35	758.20	669.92	88.28	8.589		
12,300.00	7,113.07	7,147.04	7,143.42	83.75	15.69	91.11	-458.91	-3,719.68	807.72	722.68	85.04	9.498		
12,400.00	7,112.11	7,140.78	7,137.17	85.37	15.67	90.58	-458.54	-3,720.02	865.96	784.35	81.60	10.612		
12,500.00	7,111.15	7,134.52	7,130.93	87.00	15.65	90.06	-458.17	-3,720.35	931.27	853.07	78.21	11.908		
12,600.00	7,110.19	7,128.26	7,124.69	88.63	15.63	89.53	-457.80	-3,720.69	1,002.29	927.30	74.99	13.365		
12,700.00	7,109.24	7,122.00	7,118.45	90.26	15.61	89.01	-457.43	-3,721.02	1,077.88	1,005.84	72.04	14.963		
12,800.00	7,108.28	7,115.74	7,112.21	91.89	15.59	88.48	-457.06	-3,721.36	1,157.14	1,087.79	69.36	16.684		
12,900.00	7,107.32	7,109.48	7,105.97	93.52	15.57	87.96	-456.69	-3,721.69	1,239.38	1,172.42	66.95	18.511		
13,000.00	7,106.36	7,103.22	7,099.73	95.16	15.55	87.44	-456.32	-3,722.03	1,324.03	1,259.22	64.81	20.429		
13,100.00	7,105.41	7,103.04	7,093.49	96.80	15.55	86.92	-455.94	-3,722.36	1,410.67	1,347.74	62.92	22.419		
13,200.00	7,104.45	7,109.30	7,087.25	98.43	15.57	86.40	-455.57	-3,722.70	1,498.94	1,437.67	61.27	24.466		
13,300.00	7,103.49	7,084.62	7,081.20	100.07	15.51	85.89	-455.21	-3,723.02	1,588.58	1,528.86	59.72	26.601		
13,400.00	7,102.53	7,078.45	7,075.04	101.71	15.50	85.38	-454.85	-3,723.35	1,679.37	1,620.98	58.38	28.764		
13,500.00	7,101.58	7,072.28	7,068.89	103.35	15.49	84.87	-454.48	-3,723.68	1,771.13	1,713.93	57.20	30.966		
13,600.00	7,100.62	7,066.11	7,062.74	104.99	15.47	84.36	-454.11	-3,724.01	1,863.71	1,807.58	56.14	33.199		
13,700.00	7,099.66	7,059.95	7,056.60	106.64	15.46	83.86	-453.74	-3,724.34	1,957.01	1,901.82	55.19	35.459		
13,800.00	7,098.70	7,053.80	7,050.47	108.28	15.45	83.35	-453.38	-3,724.67	2,050.92	1,996.57	54.35	37.739		
13,900.00	7,097.75	7,047.65	7,044.34	109.92	15.44	82.85	-453.01	-3,724.99	2,145.36	2,091.77	53.59	40.035		
14,000.00	7,096.79	7,041.50	7,038.21	111.57	15.42	82.35	-452.64	-3,725.32	2,240.27	2,187.36	52.91	42.343		
14,100.00	7,095.83	7,035.36	7,032.10	113.22	15.41	81.86	-452.28	-3,725.65	2,335.58	2,283.29	52.30	44.661		
14,200.00	7,094.87	7,029.23	7,025.98	114.86	15.40	81.36	-451.91	-3,725.98	2,431.26	2,379.51	51.75	46.984		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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 - HOUGHTON #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	
7,000.00	6,810.00	6,805.01	6,795.00	22.01	239.37	-52.79	-3,340.69	94.54	2,474.73	2,213.49	261.24	9.473	
7,100.00	6,894.37	6,879.37	6,879.37	22.00	242.00	-61.21	-3,340.69	94.54	2,442.36	2,178.56	263.80	9.259	
7,200.00	6,969.76	6,954.76	6,954.76	21.96	244.67	-68.26	-3,340.69	94.54	2,407.77	2,141.43	266.34	9.040	
7,300.00	7,034.30	7,019.30	7,019.30	21.89	246.96	-74.48	-3,340.69	94.54	2,372.69	2,104.21	268.48	8.837	
7,400.00	7,086.41	7,071.41	7,071.41	21.80	248.81	-79.91	-3,340.69	94.54	2,338.93	2,068.74	270.19	8.657	
7,500.00	7,124.80	7,109.80	7,109.80	21.71	250.17	-84.39	-3,340.69	94.54	2,308.27	2,036.82	271.46	8.503	
7,600.00	7,148.53	7,133.53	7,133.53	21.62	251.01	-87.77	-3,340.69	94.54	2,282.33	2,010.04	272.29	8.382	
7,700.00	7,157.02	7,142.02	7,142.02	21.55	251.31	-89.93	-3,340.69	94.54	2,262.37	1,989.68	272.69	8.297	
7,800.00	7,156.15	7,141.15	7,141.15	21.56	251.28	-90.07	-3,340.69	94.54	2,248.16	1,975.26	272.90	8.238	
7,900.00	7,155.19	7,140.19	7,140.19	21.72	251.24	-90.04	-3,340.69	94.54	2,238.34	1,965.07	273.27	8.191	
8,000.00	7,154.24	7,139.24	7,139.24	22.13	251.21	-90.02	-3,340.69	94.54	2,232.97	1,959.16	273.81	8.155	
8,070.19	7,153.57	7,138.57	7,138.57	22.57	251.19	-90.00	-3,340.69	94.54	2,231.86	1,957.58	274.28	8.137	CC
8,100.00	7,153.28	7,138.28	7,138.28	22.77	251.18	-89.99	-3,340.69	94.54	2,232.06	1,957.57	274.49	8.132	ES
8,200.00	7,152.32	7,137.32	7,137.32	23.59	251.14	-89.97	-3,340.69	94.54	2,235.63	1,960.34	275.29	8.121	SF
8,300.00	7,151.36	7,136.36	7,136.36	24.52	251.11	-89.94	-3,340.69	94.54	2,243.66	1,967.47	276.19	8.124	
8,400.00	7,150.41	7,135.41	7,135.41	25.54	251.07	-89.92	-3,340.69	94.54	2,256.10	1,978.93	277.17	8.140	
8,500.00	7,149.45	7,134.45	7,134.45	26.64	251.04	-89.89	-3,340.69	94.54	2,272.87	1,994.67	278.20	8.170	
8,600.00	7,148.49	7,133.49	7,133.49	27.79	251.01	-89.87	-3,340.69	94.54	2,293.88	2,014.62	279.26	8.214	
8,700.00	7,147.54	7,132.54	7,132.54	29.00	250.97	-89.85	-3,340.69	94.54	2,319.02	2,038.68	280.34	8.272	
8,800.00	7,146.58	7,131.58	7,131.58	30.25	250.94	-89.82	-3,340.69	94.54	2,348.14	2,066.74	281.41	8.344	
8,900.00	7,145.62	7,130.62	7,130.62	31.54	250.90	-89.80	-3,340.69	94.54	2,381.12	2,098.66	282.46	8.430	
9,000.00	7,144.66	7,129.66	7,129.66	32.86	250.87	-89.77	-3,340.69	94.54	2,417.78	2,134.29	283.49	8.529	
9,100.00	7,143.71	7,128.71	7,128.71	34.21	250.84	-89.75	-3,340.69	94.54	2,457.97	2,173.49	284.48	8.640	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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					
0.00	0.00	22.00	22.00	3.28	3.30	-75.58	411.72	-1,601.35	1,653.43								
100.00	100.00	122.00	122.00	3.28	4.16	-75.58	411.72	-1,601.35	1,653.43	1,645.20	8.23	200.911					
200.00	200.00	222.00	222.00	3.31	6.92	-75.58	411.72	-1,601.35	1,653.43	1,642.41	11.02	150.069					
201.12	201.12	223.12	223.12	3.31	6.96	152.02	411.72	-1,601.35	1,653.43	1,642.37	11.05	149.589					
300.00	300.00	322.00	322.00	3.35	10.18	152.02	411.72	-1,601.35	1,653.98	1,639.66	14.32	115.509					
400.00	399.92	421.92	421.92	3.41	13.58	152.05	411.72	-1,601.35	1,657.37	1,639.60	17.78	93.231					
500.00	499.64	521.64	521.64	3.49	17.03	152.11	411.72	-1,601.35	1,663.85	1,642.54	21.31	78.076					
600.00	599.05	621.05	621.05	3.60	20.50	152.20	411.72	-1,601.35	1,673.41	1,648.52	24.89	67.240					
700.00	698.03	720.03	720.03	3.74	23.97	152.30	411.72	-1,601.35	1,686.06	1,657.57	28.49	59.180					
800.00	796.44	818.44	818.44	3.93	27.42	152.43	411.72	-1,601.35	1,701.80	1,669.69	32.11	52.996					
900.00	894.18	916.18	916.18	4.16	30.87	152.58	411.72	-1,601.35	1,720.64	1,684.89	35.74	48.137					
1,000.00	991.29	1,013.29	1,013.29	4.45	34.29	152.87	411.72	-1,601.35	1,741.97	1,702.58	39.39	44.228					
1,100.00	1,088.34	1,110.34	1,110.34	4.77	37.71	153.22	411.72	-1,601.35	1,763.57	1,720.53	43.04	40.976					
1,200.00	1,185.40	1,207.40	1,207.40	5.11	41.14	153.57	411.72	-1,601.35	1,785.24	1,738.52	46.71	38.218					
1,300.00	1,282.45	1,304.45	1,304.45	5.48	44.57	153.91	411.72	-1,601.35	1,806.96	1,756.56	50.40	35.851					
1,400.00	1,379.51	1,401.51	1,401.51	5.87	48.00	154.24	411.72	-1,601.35	1,828.75	1,774.64	54.11	33.800					
1,500.00	1,476.56	1,501.44	1,498.56	6.27	51.53	154.56	411.72	-1,601.35	1,850.59	1,792.67	57.92	31.950					
1,600.00	1,573.62	1,604.38	1,595.62	6.68	55.17	154.87	411.72	-1,601.35	1,872.49	1,810.64	61.85	30.272					
1,700.00	1,670.67	1,707.33	1,692.67	7.10	58.81	155.18	411.72	-1,601.35	1,894.44	1,828.65	65.80	28.793					
1,800.00	1,767.73	1,789.73	1,789.73	7.53	61.73	155.48	411.72	-1,601.35	1,916.45	1,847.43	69.02	27.768					
1,900.00	1,864.78	1,886.78	1,886.78	7.77	65.16	155.78	411.72	-1,601.35	1,938.50	1,866.09	72.42	26.769					
2,000.00	1,961.84	1,983.84	1,983.84	7.83	68.60	156.06	411.72	-1,601.35	1,960.60	1,884.73	75.87	25.841					
2,100.00	2,058.89	2,080.89	2,080.89	7.91	72.03	156.34	411.72	-1,601.35	1,982.75	1,903.40	79.35	24.988					
2,200.00	2,155.95	2,177.95	2,177.95	8.01	75.47	156.62	411.72	-1,601.35	2,004.94	1,922.10	82.84	24.201					
2,300.00	2,253.00	2,275.00	2,275.00	8.13	78.91	156.89	411.72	-1,601.35	2,027.18	1,940.82	86.36	23.474					
2,400.00	2,350.06	2,372.06	2,372.06	8.26	82.34	157.15	411.72	-1,601.35	2,049.46	1,959.57	89.89	22.800					
2,500.00	2,447.11	2,469.11	2,469.11	8.42	85.78	157.41	411.72	-1,601.35	2,071.77	1,978.34	93.43	22.174					
2,600.00	2,544.17	2,566.17	2,566.17	8.59	89.21	157.66	411.72	-1,601.35	2,094.13	1,997.14	96.99	21.590					
2,700.00	2,641.22	2,663.22	2,663.22	8.77	92.65	157.91	411.72	-1,601.35	2,116.53	2,015.96	100.57	21.045					
2,800.00	2,738.28	2,760.28	2,760.28	8.98	96.09	158.15	411.72	-1,601.35	2,138.96	2,034.80	104.16	20.535					
2,900.00	2,835.33	2,857.33	2,857.33	9.19	99.52	158.39	411.72	-1,601.35	2,161.43	2,053.66	107.76	20.057					
3,000.00	2,932.39	2,954.39	2,954.39	9.42	102.96	158.62	411.72	-1,601.35	2,183.93	2,072.55	111.38	19.608					
3,100.00	3,029.44	3,051.44	3,051.44	9.66	106.40	158.85	411.72	-1,601.35	2,206.47	2,091.46	115.01	19.186					
3,200.00	3,126.50	3,148.50	3,148.50	9.91	109.84	159.07	411.72	-1,601.35	2,229.03	2,110.39	118.64	18.788					
3,300.00	3,223.55	3,245.55	3,245.55	10.17	113.27	159.29	411.72	-1,601.35	2,251.63	2,129.34	122.29	18.412					
3,400.00	3,320.61	3,342.61	3,342.61	10.44	116.71	159.50	411.72	-1,601.35	2,274.26	2,148.32	125.95	18.058					
3,500.00	3,417.66	3,439.66	3,439.66	10.72	120.15	159.71	411.72	-1,601.35	2,296.93	2,167.32	129.61	17.722					
3,600.00	3,514.71	3,536.71	3,536.71	11.00	123.59	159.92	411.72	-1,601.35	2,319.61	2,186.33	133.28	17.404					
3,700.00	3,611.77	3,633.77	3,633.77	11.30	127.02	160.12	411.72	-1,601.35	2,342.33	2,205.37	136.96	17.102					
3,800.00	3,708.82	3,730.82	3,730.82	11.60	130.46	160.32	411.72	-1,601.35	2,365.08	2,224.43	140.64	16.816					
3,900.00	3,805.88	3,827.88	3,827.88	11.90	133.90	160.51	411.72	-1,601.35	2,387.85	2,243.51	144.33	16.544					
4,000.00	3,902.93	3,924.93	3,924.93	12.22	137.34	160.70	411.72	-1,601.35	2,410.64	2,262.61	148.03	16.285					
4,100.00	3,999.99	4,021.99	4,021.99	12.54	140.78	160.89	411.72	-1,601.35	2,433.47	2,281.73	151.73	16.038					
4,200.00	4,097.04	4,119.04	4,119.04	12.86	144.21	161.07	411.72	-1,601.35	2,456.31	2,300.87	155.44	15.802					
4,300.00	4,194.10	4,216.10	4,216.10	13.19	147.65	161.25	411.72	-1,601.35	2,479.18	2,320.03	159.15	15.578					
7,800.00	7,156.15	7,178.15	7,178.15	21.56	252.59	90.69	411.72	-1,601.35	2,470.83	2,198.17	272.66	9.062					
7,900.00	7,155.19	7,177.19	7,177.19	21.72	252.55	90.66	411.72	-1,601.35	2,393.23	2,120.13	273.10	8.763					
8,000.00	7,154.24	7,176.24	7,176.24	22.13	252.52	90.62	411.72	-1,601.35	2,317.34	2,043.71	273.62	8.469					
8,100.00	7,153.28	7,175.28	7,175.28	22.77	252.49	90.59	411.72	-1,601.35	2,243.34	1,969.09	274.24	8.180					
8,200.00	7,152.32	7,174.32	7,174.32	23.59	252.45	90.55	411.72	-1,601.35	2,171.42	1,896.46	274.96	7.897					
8,300.00	7,151.36	7,173.36	7,173.36	24.52	252.42	90.51	411.72	-1,601.35	2,101.80	1,826.02	275.78	7.621					
8,400.00	7,150.41	7,172.41	7,172.41	25.54	252.39	90.48	411.72	-1,601.35	2,034.72	1,758.01	276.71	7.353					

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
8,500.00	7,149.45	7,171.45	7,171.45	26.64	252.35	90.44	411.72	-1,601.35	1,970.43	1,692.67	277.75	7.094		
8,600.00	7,148.49	7,170.49	7,170.49	27.79	252.32	90.41	411.72	-1,601.35	1,909.21	1,630.31	278.90	6.845		
8,700.00	7,147.54	7,169.54	7,169.54	29.00	252.28	90.37	411.72	-1,601.35	1,851.38	1,571.22	280.16	6.608		
8,800.00	7,146.58	7,168.58	7,168.58	30.25	252.25	90.34	411.72	-1,601.35	1,797.25	1,515.73	281.51	6.384		
8,900.00	7,145.62	7,167.62	7,167.62	31.54	252.22	90.30	411.72	-1,601.35	1,747.17	1,464.21	282.95	6.175		
9,000.00	7,144.66	7,166.66	7,166.66	32.86	252.18	90.26	411.72	-1,601.35	1,701.50	1,417.02	284.47	5.981		
9,100.00	7,143.71	7,165.71	7,165.71	34.21	252.15	90.23	411.72	-1,601.35	1,660.60	1,374.55	286.05	5.805		
9,200.00	7,142.75	7,164.75	7,164.75	35.59	252.11	90.19	411.72	-1,601.35	1,624.83	1,337.17	287.66	5.649		
9,300.00	7,141.79	7,163.79	7,163.79	36.99	252.08	90.16	411.72	-1,601.35	1,594.54	1,305.27	289.27	5.512		
9,400.00	7,140.83	7,162.83	7,162.83	38.41	252.05	90.12	411.72	-1,601.35	1,570.05	1,279.18	290.87	5.398		
9,500.00	7,139.88	7,161.88	7,161.88	39.86	252.01	90.09	411.72	-1,601.35	1,551.62	1,259.21	292.41	5.306		
9,600.00	7,138.92	7,160.92	7,160.92	41.31	251.98	90.05	411.72	-1,601.35	1,539.49	1,245.61	293.87	5.239		
9,700.00	7,137.96	7,159.96	7,159.96	42.79	251.94	90.01	411.72	-1,601.35	1,533.79	1,238.56	295.22	5.195		
9,737.59	7,137.60	7,159.60	7,159.60	43.35	251.93	90.00	411.72	-1,601.35	1,533.33	1,237.63	295.70	5.185 CC, ES		
9,800.00	7,137.00	7,159.00	7,159.00	44.28	251.91	89.98	411.72	-1,601.35	1,534.60	1,238.16	296.44	5.177 SF		
9,900.00	7,136.05	7,158.05	7,158.05	45.78	251.88	89.94	411.72	-1,601.35	1,541.90	1,244.40	297.50	5.183		
10,000.00	7,135.09	7,157.09	7,157.09	47.29	251.84	89.91	411.72	-1,601.35	1,555.62	1,257.22	298.40	5.213		
10,100.00	7,134.13	7,156.13	7,156.13	48.81	251.81	89.87	411.72	-1,601.35	1,575.57	1,276.44	299.13	5.267		
10,200.00	7,133.17	7,155.17	7,155.17	50.34	251.77	89.83	411.72	-1,601.35	1,601.53	1,301.84	299.69	5.344		
10,300.00	7,132.22	7,154.22	7,154.22	51.88	251.74	89.80	411.72	-1,601.35	1,633.21	1,333.12	300.09	5.442		
10,400.00	7,131.26	7,153.26	7,153.26	53.43	251.71	89.76	411.72	-1,601.35	1,670.28	1,369.94	300.34	5.561		
10,500.00	7,130.30	7,152.30	7,152.30	54.98	251.67	89.73	411.72	-1,601.35	1,712.40	1,411.93	300.47	5.699		
10,600.00	7,129.34	7,151.34	7,151.34	56.55	251.64	89.69	411.72	-1,601.35	1,759.20	1,458.72	300.47	5.855		
10,700.00	7,128.39	7,150.39	7,150.39	58.11	251.60	89.66	411.72	-1,601.35	1,810.31	1,509.93	300.38	6.027		
10,800.00	7,127.43	7,149.43	7,149.43	59.69	251.57	89.62	411.72	-1,601.35	1,865.39	1,565.19	300.21	6.214		
10,900.00	7,126.47	7,148.47	7,148.47	61.26	251.54	89.58	411.72	-1,601.35	1,924.10	1,624.13	299.97	6.414		
11,000.00	7,125.51	7,147.51	7,147.51	62.85	251.50	89.55	411.72	-1,601.35	1,986.11	1,686.43	299.67	6.628		
11,100.00	7,124.56	7,146.56	7,146.56	64.44	251.47	89.51	411.72	-1,601.35	2,051.12	1,751.77	299.34	6.852		
11,200.00	7,123.60	7,145.60	7,145.60	66.03	251.44	89.48	411.72	-1,601.35	2,118.85	1,819.87	298.98	7.087		
11,300.00	7,122.64	7,144.64	7,144.64	67.62	251.40	89.44	411.72	-1,601.35	2,189.06	1,890.46	298.60	7.331		
11,400.00	7,121.68	7,143.68	7,143.68	69.22	251.37	89.41	411.72	-1,601.35	2,261.51	1,963.31	298.20	7.584		
11,500.00	7,120.73	7,142.73	7,142.73	70.83	251.33	89.37	411.72	-1,601.35	2,336.00	2,038.20	297.80	7.844		
11,600.00	7,119.77	7,141.77	7,141.77	72.43	251.30	89.33	411.72	-1,601.35	2,412.33	2,114.93	297.40	8.112		
11,700.00	7,118.81	7,140.81	7,140.81	74.04	251.27	89.30	411.72	-1,601.35	2,490.34	2,193.35	296.99	8.385		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	27.57	27.57	3.28	3.28	-116.71	-766.11	-1,522.44	1,704.33					
100.00	100.00	131.71	131.71	3.28	3.29	-116.73	-766.38	-1,522.01	1,704.08	1,696.72	7.36	231.391		
200.00	200.00	231.50	231.49	3.31	3.33	-116.73	-766.41	-1,521.62	1,703.75	1,696.32	7.43	229.453		
266.01	266.00	296.89	296.89	3.33	3.37	110.88	-766.39	-1,521.41	1,703.71	1,696.22	7.49	227.420		
300.00	300.00	331.00	331.00	3.35	3.40	110.88	-766.39	-1,521.30	1,703.67	1,696.14	7.53	226.113		
400.00	399.92	430.03	430.03	3.41	3.49	110.97	-766.48	-1,520.93	1,704.75	1,697.06	7.69	221.735		
500.00	499.64	526.83	526.82	3.49	3.61	111.14	-766.53	-1,520.76	1,707.25	1,699.36	7.89	216.458		
600.00	599.05	627.07	627.07	3.60	3.74	111.40	-766.82	-1,520.54	1,711.12	1,702.99	8.13	210.419		
700.00	698.03	726.36	726.35	3.74	3.88	111.74	-766.93	-1,520.27	1,716.21	1,707.79	8.42	203.910		
800.00	796.44	819.30	819.29	3.93	3.99	112.11	-767.13	-1,520.27	1,723.00	1,714.30	8.70	197.944		
900.00	894.18	922.02	922.01	4.16	4.05	112.64	-766.87	-1,520.38	1,731.20	1,722.21	9.00	192.392		
1,000.00	991.29	1,017.34	1,017.33	4.45	4.11	113.29	-766.26	-1,520.58	1,740.67	1,731.34	9.33	186.629		
1,100.00	1,088.34	1,110.25	1,110.23	4.77	4.17	113.99	-765.64	-1,520.97	1,750.70	1,741.01	9.69	180.645		
1,200.00	1,185.40	1,204.54	1,204.52	5.11	4.25	114.69	-765.07	-1,521.53	1,761.20	1,751.11	10.09	174.576		
1,300.00	1,282.45	1,299.93	1,299.91	5.48	4.33	115.40	-764.56	-1,522.19	1,772.09	1,761.57	10.52	168.458		
1,400.00	1,379.51	1,406.00	1,405.98	5.87	4.47	116.16	-764.12	-1,522.61	1,783.06	1,772.05	11.01	161.940		
1,500.00	1,476.56	1,493.42	1,493.39	6.27	4.59	116.78	-763.81	-1,522.99	1,794.33	1,782.82	11.50	155.976		
1,600.00	1,573.62	1,587.28	1,587.25	6.68	4.72	117.45	-763.41	-1,523.74	1,806.19	1,794.17	12.02	150.327		
1,700.00	1,670.67	1,680.03	1,680.00	7.10	4.87	118.10	-762.99	-1,524.66	1,818.48	1,805.94	12.54	144.983		
1,800.00	1,767.73	1,778.05	1,778.01	7.53	5.03	118.77	-762.63	-1,525.73	1,831.16	1,818.06	13.09	139.842		
1,900.00	1,864.78	1,878.49	1,878.44	7.77	5.20	119.45	-762.44	-1,526.60	1,843.93	1,830.65	13.28	138.893		
2,000.00	1,961.84	1,976.64	1,976.59	7.83	5.39	120.11	-762.15	-1,527.33	1,856.79	1,843.29	13.51	137.487		
2,100.00	2,058.89	2,071.48	2,071.43	7.91	5.60	120.74	-761.62	-1,528.12	1,869.92	1,856.16	13.76	135.862		
2,200.00	2,155.95	2,168.35	2,168.30	8.01	5.81	121.38	-761.15	-1,529.01	1,883.38	1,869.33	14.05	134.040		
2,300.00	2,253.00	2,273.92	2,273.86	8.13	6.04	122.05	-761.00	-1,529.65	1,896.88	1,882.51	14.38	131.943		
2,400.00	2,350.06	2,368.32	2,368.26	8.26	6.22	122.63	-761.13	-1,529.86	1,910.30	1,895.63	14.68	130.174		
2,500.00	2,447.11	2,466.66	2,466.60	8.42	6.39	123.22	-761.68	-1,530.18	1,924.13	1,909.16	14.97	128.560		
2,600.00	2,544.17	2,573.52	2,573.46	8.59	6.53	123.84	-762.28	-1,530.16	1,937.83	1,922.57	15.26	126.983		
2,700.00	2,641.22	2,676.28	2,676.22	8.77	6.67	124.44	-762.63	-1,529.71	1,951.27	1,935.71	15.55	125.451		
2,800.00	2,738.28	2,761.90	2,761.84	8.98	6.80	124.94	-762.69	-1,529.46	1,965.00	1,949.14	15.86	123.898		
2,900.00	2,835.33	2,856.24	2,856.18	9.19	6.97	125.47	-763.15	-1,529.71	1,979.51	1,963.30	16.21	122.125		
3,000.00	2,932.39	2,954.73	2,954.66	9.42	7.14	126.01	-763.88	-1,529.71	1,994.01	1,977.43	16.58	120.259		
3,100.00	3,029.44	3,047.08	3,047.01	9.66	7.31	126.51	-764.68	-1,529.84	2,008.83	1,991.87	16.96	118.444		
3,200.00	3,126.50	3,143.46	3,143.38	9.91	7.50	127.02	-765.76	-1,530.14	2,024.03	2,006.66	17.37	116.527		
3,300.00	3,223.55	3,246.11	3,246.02	10.17	7.71	127.54	-767.05	-1,530.25	2,039.21	2,021.41	17.81	114.528		
3,400.00	3,320.61	3,349.33	3,349.23	10.44	7.91	128.06	-768.32	-1,530.08	2,054.28	2,036.03	18.25	112.565		
3,500.00	3,417.66	3,449.49	3,449.38	10.72	8.11	128.56	-769.55	-1,529.65	2,069.24	2,050.55	18.70	110.677		
3,600.00	3,514.71	3,545.75	3,545.64	11.00	8.31	129.04	-770.55	-1,529.26	2,084.35	2,065.20	19.15	108.863		
3,700.00	3,611.77	3,638.71	3,638.60	11.30	8.51	129.49	-771.41	-1,528.98	2,099.69	2,080.08	19.61	107.089		
3,800.00	3,708.82	3,732.28	3,732.17	11.60	8.73	129.96	-771.93	-1,529.03	2,115.48	2,095.39	20.09	105.323		
3,900.00	3,805.88	3,828.43	3,828.32	11.90	8.95	130.43	-772.24	-1,529.02	2,131.32	2,110.75	20.58	103.577		
4,000.00	3,902.93	3,912.80	3,912.68	12.22	9.14	130.85	-772.40	-1,529.45	2,147.80	2,126.76	21.04	102.072		
4,100.00	3,999.99	4,016.77	4,016.65	12.54	9.39	131.35	-772.47	-1,530.05	2,164.50	2,142.93	21.57	100.365		
4,200.00	4,097.04	4,118.40	4,118.29	12.86	9.63	131.84	-772.55	-1,530.37	2,181.07	2,158.97	22.10	98.697		
4,300.00	4,194.10	4,216.86	4,216.74	13.19	9.88	132.31	-772.61	-1,530.53	2,197.65	2,175.01	22.63	97.092		
4,400.00	4,291.15	4,310.05	4,309.93	13.52	10.12	132.74	-772.78	-1,530.74	2,214.43	2,191.27	23.16	95.597		
4,500.00	4,388.21	4,409.55	4,409.42	13.86	10.38	133.18	-773.47	-1,531.01	2,231.43	2,207.72	23.72	94.081		
4,600.00	4,485.26	4,508.68	4,508.56	14.20	10.63	133.62	-774.12	-1,531.14	2,248.41	2,224.14	24.27	92.637		
4,700.00	4,582.32	4,602.00	4,601.87	14.54	10.88	134.02	-774.83	-1,531.31	2,265.57	2,240.75	24.81	91.298		
4,800.00	4,679.37	4,699.94	4,699.81	14.89	11.14	134.43	-775.61	-1,531.53	2,282.89	2,257.51	25.38	89.948		
4,900.00	4,776.43	4,785.53	4,785.40	15.24	11.37	134.79	-776.07	-1,531.94	2,300.55	2,274.64	25.91	88.789		
5,000.00	4,873.48	4,879.93	4,879.80	15.59	11.60	135.20	-776.16	-1,532.72	2,318.66	2,292.22	26.45	87.677		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	4,970.54	4,973.02	4,972.88	15.94	11.81	135.60	-775.76	-1,533.58	2,336.98	2,310.02	26.96	86.687		
5,200.00	5,067.59	5,073.13	5,072.98	16.30	12.04	136.03	-775.47	-1,534.58	2,355.49	2,327.99	27.51	85.637		
5,300.00	5,164.65	5,169.50	5,169.35	16.66	12.27	136.42	-775.34	-1,535.39	2,373.98	2,345.93	28.05	84.641		
5,400.00	5,261.70	5,268.59	5,268.43	17.02	12.50	136.84	-774.90	-1,536.27	2,392.62	2,364.03	28.59	83.681		
5,500.00	5,358.76	5,361.24	5,361.08	17.39	12.72	137.21	-774.63	-1,537.04	2,411.33	2,382.20	29.13	82.791		
5,600.00	5,455.81	5,455.50	5,455.34	17.75	12.96	137.59	-774.36	-1,538.06	2,430.38	2,400.70	29.68	81.893		
5,700.00	5,552.87	5,562.74	5,562.57	18.12	13.25	138.00	-774.43	-1,539.08	2,449.41	2,419.13	30.29	80.878		
5,800.00	5,649.92	5,665.94	5,665.77	18.49	13.52	138.40	-774.40	-1,539.56	2,468.07	2,437.19	30.88	79.919		
5,900.00	5,746.98	5,763.95	5,763.78	18.86	13.77	138.77	-774.30	-1,539.95	2,486.76	2,455.31	31.45	79.073		
7,200.00	6,969.76	6,976.44	6,976.21	21.96	16.96	23.17	-782.24	-1,543.53	2,456.70	2,419.32	37.38	65.719		
7,300.00	7,034.30	7,045.60	7,045.37	21.89	17.16	24.01	-783.14	-1,544.15	2,383.78	2,346.22	37.56	63.465		
7,400.00	7,086.41	7,102.85	7,102.61	21.80	17.32	27.02	-783.93	-1,544.56	2,301.32	2,263.61	37.71	61.028		
7,500.00	7,124.80	7,140.05	7,139.81	21.71	17.43	33.60	-784.44	-1,544.81	2,211.46	2,173.65	37.81	58.490		
7,600.00	7,148.53	7,163.57	7,163.33	21.62	17.50	48.75	-784.74	-1,544.97	2,116.43	2,078.54	37.89	55.852		
7,700.00	7,157.02	7,172.46	7,172.21	21.55	17.52	85.68	-784.85	-1,545.04	2,018.53	1,980.57	37.97	53.167		
7,800.00	7,156.15	7,172.35	7,172.11	21.56	17.52	91.37	-784.85	-1,545.04	1,920.01	1,881.97	38.04	50.478		
7,900.00	7,155.19	7,172.15	7,171.90	21.72	17.52	91.34	-784.85	-1,545.04	1,821.64	1,783.52	38.12	47.785		
8,000.00	7,154.24	7,171.95	7,171.70	22.13	17.52	91.30	-784.85	-1,545.03	1,723.46	1,685.23	38.23	45.086		
8,100.00	7,153.28	7,171.75	7,171.50	22.77	17.52	91.27	-784.84	-1,545.03	1,625.50	1,587.15	38.35	42.382		
8,200.00	7,152.32	7,171.55	7,171.30	23.59	17.52	91.23	-784.84	-1,545.03	1,527.81	1,489.30	38.51	39.674		
8,300.00	7,151.36	7,171.34	7,171.09	24.52	17.52	91.20	-784.84	-1,545.03	1,430.43	1,391.73	38.70	36.960		
8,400.00	7,150.41	7,171.14	7,170.89	25.54	17.52	91.16	-784.84	-1,545.03	1,333.44	1,294.50	38.94	34.244		
8,500.00	7,149.45	7,170.93	7,170.69	26.64	17.52	91.13	-784.83	-1,545.03	1,236.94	1,197.70	39.24	31.525		
8,600.00	7,148.49	7,170.73	7,170.48	27.79	17.52	91.09	-784.83	-1,545.03	1,141.03	1,101.42	39.61	28.806		
8,700.00	7,147.54	7,170.52	7,170.28	29.00	17.52	91.06	-784.83	-1,545.02	1,045.89	1,005.81	40.09	26.091		
8,800.00	7,146.58	7,170.32	7,170.07	30.25	17.52	91.02	-784.83	-1,545.02	951.75	911.05	40.70	23.384		
8,900.00	7,145.62	7,170.11	7,169.86	31.54	17.52	90.99	-784.82	-1,545.02	858.94	817.43	41.50	20.696		
9,000.00	7,144.66	7,169.90	7,169.65	32.86	17.52	90.95	-784.82	-1,545.02	767.93	725.37	42.56	18.043		
9,100.00	7,143.71	7,169.69	7,169.45	34.21	17.52	90.92	-784.82	-1,545.02	679.45	635.47	43.98	15.450		
9,200.00	7,142.75	7,169.48	7,169.24	35.59	17.52	90.88	-784.81	-1,545.02	594.63	548.75	45.88	12.960		
9,300.00	7,141.79	7,169.28	7,169.03	36.99	17.51	90.85	-784.81	-1,545.01	515.29	466.87	48.43	10.641		
9,400.00	7,140.83	7,169.07	7,168.82	38.41	17.51	90.81	-784.81	-1,545.01	444.37	392.66	51.71	8.594		
9,500.00	7,139.88	7,168.85	7,168.61	39.86	17.51	90.78	-784.81	-1,545.01	386.53	330.99	55.54	6.959		
9,600.00	7,138.92	7,168.64	7,168.40	41.31	17.51	90.74	-784.80	-1,545.01	348.35	289.30	59.05	5.899		
9,690.31	7,138.05	7,168.45	7,168.20	42.65	17.51	90.71	-784.80	-1,545.01	336.44	275.81	60.63	5.549 CC, ES		
9,700.00	7,137.96	7,168.43	7,168.18	42.79	17.51	90.70	-784.80	-1,545.01	336.58	275.92	60.66	5.548 SF		
9,800.00	7,137.00	7,168.22	7,167.97	44.28	17.51	90.67	-784.80	-1,545.01	353.87	294.36	59.51	5.947		
9,900.00	7,136.05	7,168.01	7,167.76	45.78	17.51	90.63	-784.80	-1,545.01	396.44	339.92	56.52	7.014		
10,000.00	7,135.09	7,167.79	7,167.54	47.29	17.51	90.59	-784.79	-1,545.00	457.28	404.10	53.17	8.600		
10,100.00	7,134.13	7,167.58	7,167.33	48.81	17.51	90.56	-784.79	-1,545.00	530.13	479.89	50.24	10.551		
10,200.00	7,133.17	7,167.36	7,167.12	50.34	17.51	90.52	-784.79	-1,545.00	610.72	562.80	47.92	12.744		
10,300.00	7,132.22	7,167.15	7,166.90	51.88	17.51	90.48	-784.79	-1,545.00	696.36	650.22	46.14	15.093		
10,400.00	7,131.26	7,166.93	7,166.68	53.43	17.51	90.45	-784.78	-1,545.00	785.40	740.62	44.78	17.540		
10,500.00	7,130.30	7,166.71	7,166.47	54.98	17.51	90.41	-784.78	-1,545.00	876.81	833.07	43.74	20.047		
10,600.00	7,129.34	7,166.50	7,166.25	56.55	17.51	90.37	-784.78	-1,544.99	969.91	926.98	42.93	22.591		
10,700.00	7,128.39	7,166.28	7,166.03	58.11	17.51	90.34	-784.77	-1,544.99	1,064.27	1,021.96	42.31	25.156		
10,800.00	7,127.43	7,166.06	7,165.81	59.69	17.51	90.30	-784.77	-1,544.99	1,159.57	1,117.76	41.82	27.731		
10,900.00	7,126.47	7,165.84	7,165.59	61.26	17.50	90.26	-784.77	-1,544.99	1,255.60	1,214.18	41.42	30.310		
11,000.00	7,125.51	7,165.62	7,165.37	62.85	17.50	90.22	-784.77	-1,544.99	1,352.21	1,311.10	41.11	32.890		
11,100.00	7,124.56	7,165.40	7,165.15	64.44	17.50	90.19	-784.76	-1,544.99	1,449.28	1,408.42	40.86	35.465		
11,200.00	7,123.60	7,165.18	7,164.93	66.03	17.50	90.15	-784.76	-1,544.98	1,546.72	1,506.06	40.67	38.035		
11,300.00	7,122.64	7,164.95	7,164.71	67.62	17.50	90.11	-784.76	-1,544.98	1,644.47	1,603.97	40.51	40.599		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
11,400.00	7,121.68	7,164.73	7,164.48	69.22	17.50	90.07	-784.76	-1,544.98	1,742.48	1,702.10	40.38	43.154	
11,500.00	7,120.73	7,164.51	7,164.26	70.83	17.50	90.04	-784.75	-1,544.98	1,840.70	1,800.42	40.28	45.700	
11,600.00	7,119.77	7,164.28	7,164.04	72.43	17.50	90.00	-784.75	-1,544.98	1,939.10	1,898.90	40.20	48.236	
11,700.00	7,118.81	7,164.06	7,163.81	74.04	17.50	89.96	-784.75	-1,544.98	2,037.66	1,997.52	40.14	50.763	
11,800.00	7,117.85	7,163.83	7,163.59	75.65	17.50	89.92	-784.74	-1,544.98	2,136.35	2,096.25	40.10	53.279	
11,900.00	7,116.90	7,163.61	7,163.36	77.27	17.50	89.88	-784.74	-1,544.97	2,235.15	2,195.09	40.07	55.784	
12,000.00	7,115.94	7,163.38	7,163.13	78.88	17.50	89.84	-784.74	-1,544.97	2,334.06	2,294.01	40.05	58.278	
12,100.00	7,114.98	7,163.15	7,162.90	80.50	17.50	89.80	-784.74	-1,544.97	2,433.06	2,393.02	40.04	60.760	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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, 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	
14,200.00	7,094.87	7,098.96	7,098.71	114.86	35.93	-90.23	-3,485.68	-6,937.67	2,492.93	2,350.94	141.98	17.558	
14,300.00	7,093.92	7,098.56	7,098.31	116.51	35.92	-90.22	-3,485.68	-6,937.66	2,458.45	2,313.32	145.13	16.939	
14,400.00	7,092.96	7,098.15	7,097.91	118.16	35.91	-90.21	-3,485.68	-6,937.66	2,427.61	2,279.39	148.21	16.379	
14,500.00	7,092.00	7,097.75	7,097.51	119.81	35.89	-90.20	-3,485.68	-6,937.66	2,400.54	2,249.33	151.20	15.876	
14,600.00	7,091.04	7,097.35	7,097.11	121.46	35.88	-90.19	-3,485.68	-6,937.66	2,377.37	2,223.28	154.08	15.429	
14,700.00	7,090.09	7,096.95	7,096.71	123.11	35.87	-90.18	-3,485.68	-6,937.66	2,358.21	2,201.39	156.82	15.038	
14,800.00	7,089.13	7,096.55	7,096.31	124.76	35.86	-90.17	-3,485.68	-6,937.65	2,343.17	2,183.77	159.40	14.700	
14,900.00	7,088.17	7,096.15	7,095.90	126.41	35.84	-90.16	-3,485.68	-6,937.65	2,332.33	2,170.53	161.79	14.415	
15,000.00	7,087.21	7,095.75	7,095.50	128.07	35.83	-90.15	-3,485.68	-6,937.65	2,325.73	2,161.75	163.99	14.182	
15,100.00	7,086.26	7,095.35	7,095.10	129.72	35.82	-90.15	-3,485.69	-6,937.65	2,323.43	2,157.47	165.96	14.000	
15,103.54	7,086.22	7,095.33	7,095.09	129.78	35.82	-90.14	-3,485.69	-6,937.65	2,323.43	2,157.40	166.03	13.994 CC, ES	
15,200.00	7,085.30	7,094.94	7,094.70	131.37	35.80	-90.14	-3,485.69	-6,937.64	2,325.43	2,157.72	167.71	13.866	
15,300.00	7,084.34	7,094.54	7,094.30	133.03	35.79	-90.13	-3,485.69	-6,937.64	2,331.72	2,162.50	169.22	13.779	
15,331.10	7,084.04	7,094.42	7,094.17	133.54	35.79	-90.12	-3,485.69	-6,937.64	2,334.55	2,164.91	169.64	13.762 SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
13,500.00	7,101.58	9,908.75	7,128.59	103.35	71.13	-109.74	-1,261.30	-7,778.96	2,429.70	2,336.35	93.35	26.027	
13,600.00	7,100.62	9,910.39	7,128.62	104.99	71.17	-110.08	-1,259.67	-7,779.04	2,329.79	2,236.32	93.47	24.925	
13,700.00	7,099.66	9,912.11	7,128.65	106.64	71.20	-110.45	-1,257.95	-7,779.12	2,229.88	2,136.28	93.60	23.824	
13,800.00	7,098.70	9,920.00	7,128.79	108.28	71.37	-112.33	-1,250.07	-7,779.51	2,129.99	2,036.09	93.90	22.684	
13,900.00	7,097.75	9,920.00	7,128.79	109.92	71.37	-112.33	-1,250.07	-7,779.51	2,030.08	1,936.10	93.98	21.601	
14,000.00	7,096.79	9,920.00	7,128.79	111.57	71.37	-112.33	-1,250.07	-7,779.51	1,930.18	1,836.11	94.07	20.519	
14,100.00	7,095.83	9,920.00	7,128.79	113.22	71.37	-112.33	-1,250.07	-7,779.51	1,830.29	1,736.13	94.16	19.439	
14,200.00	7,094.87	9,923.95	7,128.86	114.86	71.45	-113.39	-1,246.12	-7,779.72	1,730.41	1,636.04	94.36	18.338	
14,300.00	7,093.92	9,928.04	7,128.93	116.51	71.54	-114.59	-1,242.04	-7,779.93	1,630.53	1,535.95	94.58	17.240	
14,400.00	7,092.96	9,932.16	7,129.00	118.16	71.63	-115.91	-1,237.93	-7,780.15	1,530.65	1,435.85	94.80	16.146	
14,500.00	7,092.00	9,936.32	7,129.07	119.81	71.72	-117.38	-1,233.77	-7,780.37	1,430.78	1,335.75	95.03	15.056	
14,600.00	7,091.04	9,940.53	7,129.15	121.46	71.80	-119.03	-1,229.57	-7,780.59	1,330.92	1,235.65	95.27	13.970	
14,700.00	7,090.09	9,944.78	7,129.22	123.11	71.89	-120.87	-1,225.32	-7,780.82	1,231.06	1,135.54	95.52	12.888	
14,800.00	7,089.13	9,949.08	7,129.29	124.76	71.99	-122.95	-1,221.04	-7,781.05	1,131.20	1,035.42	95.79	11.810	
14,900.00	7,088.17	9,954.09	7,129.38	126.41	72.09	-125.70	-1,216.03	-7,781.31	1,031.36	935.27	96.09	10.733	
15,000.00	7,087.21	9,960.21	7,129.48	128.07	72.22	-129.60	-1,209.92	-7,781.63	931.52	835.07	96.45	9.658	
15,100.00	7,086.26	9,965.90	7,129.57	129.72	72.34	-133.89	-1,204.24	-7,781.92	831.70	734.86	96.83	8.589	
15,200.00	7,085.30	9,971.21	7,129.65	131.37	72.46	-138.56	-1,198.94	-7,782.18	731.88	634.63	97.25	7.526	
15,300.00	7,084.34	9,976.16	7,129.72	133.03	72.56	-143.60	-1,193.99	-7,782.42	632.09	534.37	97.72	6.468	
15,331.10	7,084.04	9,977.64	7,129.74	133.54	72.59	-145.24	-1,192.52	-7,782.49	601.06	503.18	97.88	6.141	CC, ES, SF

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	3.03	2,470.37	130.65	2,473.83					
100.00	100.00	116.00	116.00	3.28	3.28	3.03	2,470.37	130.65	2,473.83	2,466.41	7.42	333.386		
200.00	200.00	226.25	226.25	3.31	3.31	3.03	2,470.32	130.68	2,473.79	2,466.32	7.47	331.177		
300.00	300.00	390.27	390.23	3.35	3.39	-129.37	2,467.45	131.85	2,472.48	2,464.90	7.59	325.855		
400.00	399.92	554.20	553.98	3.41	3.53	-129.44	2,460.24	134.80	2,470.62	2,462.85	7.77	317.892		
500.00	499.64	718.03	717.32	3.49	3.74	-129.57	2,448.71	139.51	2,468.39	2,460.36	8.03	307.314		
600.00	599.05	881.73	880.12	3.60	4.05	-129.75	2,432.88	145.98	2,465.81	2,457.44	8.37	294.612		
700.00	698.03	1,045.27	1,042.21	3.74	4.45	-130.00	2,412.76	154.20	2,462.88	2,454.09	8.79	280.301		
800.00	796.44	1,208.64	1,203.44	3.93	4.96	-130.31	2,388.40	164.16	2,459.63	2,450.35	9.28	264.926		
900.00	894.18	1,371.81	1,363.66	4.16	5.58	-130.68	2,359.84	175.83	2,456.09	2,446.22	9.87	248.896		
1,000.00	991.29	1,534.81	1,522.77	4.45	6.33	-131.06	2,327.10	189.21	2,451.82	2,441.28	10.54	232.707		
1,100.00	1,088.34	1,678.34	1,662.01	4.77	7.08	-131.34	2,294.88	202.38	2,445.28	2,434.06	11.22	217.864		
1,200.00	1,185.40	1,777.75	1,758.27	5.11	7.63	-131.53	2,271.87	211.78	2,438.15	2,426.32	11.84	205.945		
1,300.00	1,282.45	1,877.17	1,854.53	5.48	8.20	-131.73	2,248.86	221.19	2,431.05	2,418.57	12.48	194.808		
1,400.00	1,379.51	1,976.58	1,950.78	5.87	8.78	-131.92	2,225.85	230.59	2,423.98	2,410.84	13.14	184.467		
1,500.00	1,476.56	2,076.00	2,047.04	6.27	9.37	-132.11	2,202.84	240.00	2,416.93	2,403.11	13.82	174.901		
1,600.00	1,573.62	2,175.41	2,143.30	6.68	9.97	-132.31	2,179.83	249.40	2,409.91	2,395.40	14.51	166.071		
1,700.00	1,670.67	2,274.83	2,239.55	7.10	10.58	-132.50	2,156.82	258.81	2,402.92	2,387.70	15.22	157.928		
1,800.00	1,767.73	2,374.24	2,335.81	7.53	11.19	-132.70	2,133.81	268.21	2,395.95	2,380.02	15.93	150.420		
1,900.00	1,864.78	2,473.66	2,432.07	7.77	11.80	-132.90	2,110.80	277.62	2,389.02	2,372.75	16.27	146.873		
2,000.00	1,961.84	2,573.07	2,528.32	7.83	12.42	-133.10	2,087.79	287.02	2,382.11	2,365.45	16.66	142.982		
2,100.00	2,058.89	2,672.49	2,624.58	7.91	13.04	-133.30	2,064.78	296.43	2,375.23	2,358.16	17.07	139.108		
2,200.00	2,155.95	2,771.90	2,720.84	8.01	13.67	-133.50	2,041.77	305.83	2,368.39	2,350.88	17.51	135.271		
2,300.00	2,253.00	2,871.32	2,817.09	8.13	14.30	-133.70	2,018.76	315.23	2,361.57	2,343.61	17.96	131.486		
2,400.00	2,350.06	2,970.73	2,913.35	8.26	14.93	-133.91	1,995.75	324.64	2,354.78	2,336.35	18.43	127.770		
2,500.00	2,447.11	3,070.15	3,009.61	8.42	15.56	-134.11	1,972.74	334.04	2,348.02	2,329.11	18.92	124.132		
2,600.00	2,544.17	3,169.56	3,105.86	8.59	16.20	-134.32	1,949.73	343.45	2,341.29	2,321.88	19.42	120.584		
2,700.00	2,641.22	3,268.97	3,202.12	8.77	16.83	-134.52	1,926.72	352.85	2,334.60	2,314.66	19.93	117.132		
2,800.00	2,738.28	3,368.39	3,298.38	8.98	17.47	-134.73	1,903.71	362.26	2,327.93	2,307.47	20.46	113.783		
2,900.00	2,835.33	3,467.80	3,394.63	9.19	18.11	-134.94	1,880.70	371.66	2,321.29	2,300.29	21.00	110.540		
3,000.00	2,932.39	3,567.22	3,490.89	9.42	18.75	-135.15	1,857.69	381.07	2,314.69	2,293.14	21.55	107.406		
3,100.00	3,029.44	3,666.63	3,587.15	9.66	19.39	-135.37	1,834.68	390.47	2,308.12	2,286.01	22.11	104.382		
3,200.00	3,126.50	3,766.05	3,683.40	9.91	20.03	-135.58	1,811.67	399.87	2,301.58	2,278.89	22.68	101.467		
3,300.00	3,223.55	3,865.46	3,779.66	10.17	20.67	-135.79	1,788.66	409.28	2,295.07	2,271.81	23.26	98.662		
3,400.00	3,320.61	3,964.88	3,875.92	10.44	21.31	-136.01	1,765.65	418.68	2,288.59	2,264.75	23.85	95.963		
3,500.00	3,417.66	4,064.29	3,972.17	10.72	21.96	-136.23	1,742.64	428.09	2,282.15	2,257.71	24.44	93.369		
3,600.00	3,514.71	4,163.71	4,068.43	11.00	22.60	-136.45	1,719.63	437.49	2,275.74	2,250.70	25.04	90.877		
3,700.00	3,611.77	4,263.12	4,164.69	11.30	23.24	-136.67	1,696.62	446.90	2,269.36	2,243.72	25.65	88.484		
3,800.00	3,708.82	4,362.54	4,260.94	11.60	23.89	-136.89	1,673.61	456.30	2,263.02	2,236.76	26.26	86.186		
3,900.00	3,805.88	4,461.95	4,357.20	11.90	24.53	-137.11	1,650.60	465.71	2,256.71	2,229.84	26.87	83.979		
4,000.00	3,902.93	4,561.36	4,453.46	12.22	25.18	-137.33	1,627.59	475.11	2,250.44	2,222.95	27.49	81.861		
4,100.00	3,999.99	4,660.78	4,549.71	12.54	25.83	-137.56	1,604.58	484.51	2,244.20	2,216.08	28.11	79.828		
4,200.00	4,097.04	4,760.19	4,645.97	12.86	26.47	-137.78	1,581.57	493.92	2,237.99	2,209.25	28.74	77.875		
4,300.00	4,194.10	4,859.61	4,742.23	13.19	27.12	-138.01	1,558.56	503.32	2,231.82	2,202.46	29.37	76.000		
4,400.00	4,291.15	4,959.02	4,838.48	13.52	27.77	-138.24	1,535.55	512.73	2,225.69	2,195.69	30.00	74.198		
4,500.00	4,388.21	5,058.44	4,934.74	13.86	28.42	-138.47	1,512.53	522.13	2,219.59	2,188.96	30.63	72.467		
4,600.00	4,485.26	5,157.85	5,031.00	14.20	29.06	-138.70	1,489.52	531.54	2,213.52	2,182.26	31.26	70.803		
4,700.00	4,582.32	5,226.87	5,097.92	14.54	29.43	-138.86	1,473.90	537.92	2,208.08	2,176.31	31.77	69.496		
4,800.00	4,679.37	5,300.00	5,169.14	14.89	29.74	-139.04	1,458.55	544.20	2,204.29	2,172.02	32.27	68.313		
4,900.00	4,776.43	5,354.90	5,222.81	15.24	29.96	-139.19	1,447.86	548.57	2,202.09	2,169.38	32.70	67.336		
4,988.32	4,862.14	5,411.40	5,278.22	15.55	30.18	-139.34	1,437.60	552.76	2,201.54	2,168.43	33.10	66.509 CC		
5,000.00	4,873.48	5,418.87	5,285.56	15.59	30.21	-139.37	1,436.30	553.29	2,201.56	2,168.41	33.15	66.407		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
5,100.00	4,970.54	5,482.78	5,348.44	15.94	30.44	-139.55	1,425.72	557.61	2,202.69	2,169.10	33.59	65.574		
5,200.00	5,067.59	5,546.59	5,411.39	16.30	30.65	-139.74	1,416.14	561.53	2,205.47	2,171.46	34.02	64.835		
5,300.00	5,164.65	5,600.00	5,464.22	16.66	30.83	-139.90	1,408.86	564.50	2,209.96	2,175.55	34.40	64.235		
5,400.00	5,261.70	5,673.74	5,537.33	17.02	31.04	-140.14	1,399.94	568.15	2,216.02	2,181.19	34.84	63.615		
5,500.00	5,358.76	5,737.02	5,600.20	17.39	31.21	-140.35	1,393.34	570.85	2,223.79	2,188.56	35.23	63.129		
5,600.00	5,455.81	5,800.00	5,662.89	17.75	31.37	-140.56	1,387.71	573.15	2,233.21	2,197.60	35.61	62.717		
5,700.00	5,552.87	5,862.81	5,725.50	18.12	31.50	-140.78	1,383.06	575.05	2,244.29	2,208.31	35.97	62.385		
5,800.00	5,649.92	5,925.27	5,787.83	18.49	31.63	-141.00	1,379.38	576.55	2,257.01	2,220.68	36.33	62.122		
5,900.00	5,746.98	5,987.38	5,849.87	18.86	31.73	-141.22	1,376.66	577.67	2,271.38	2,234.70	36.68	61.926		
6,000.00	5,844.03	6,049.13	5,911.59	19.24	31.82	-141.45	1,374.88	578.39	2,287.38	2,250.36	37.01	61.799		
6,100.00	5,941.09	6,110.50	5,972.96	19.61	31.91	-141.67	1,374.02	578.74	2,305.00	2,267.66	37.34	61.728		
6,200.00	6,038.14	6,191.69	6,054.14	19.98	32.01	-141.98	1,373.93	578.78	2,324.00	2,286.25	37.74	61.574		
6,300.00	6,135.20	6,288.74	6,151.20	20.36	32.13	-142.34	1,373.93	578.78	2,343.23	2,305.03	38.20	61.333		
6,400.00	6,232.25	6,385.80	6,248.25	20.74	32.26	-142.69	1,373.93	578.78	2,362.56	2,323.89	38.67	61.095		
6,500.00	6,329.31	6,482.85	6,345.31	21.12	32.38	-143.04	1,373.93	578.78	2,381.97	2,342.83	39.14	60.861		
6,600.00	6,426.37	6,579.92	6,442.37	21.49	32.50	-145.60	1,373.93	578.78	2,401.46	2,361.85	39.61	60.633		
6,700.00	6,524.50	6,678.05	6,540.50	21.72	32.63	171.12	1,373.93	578.78	2,419.41	2,379.40	40.02	60.462		
6,800.00	6,622.76	6,776.30	6,638.76	21.88	32.75	126.07	1,373.93	578.78	2,434.32	2,393.92	40.41	60.248		
6,900.00	6,718.71	6,824.78	6,687.11	21.97	32.78	105.80	1,373.90	575.28	2,447.11	2,406.55	40.56	60.336		
7,000.00	6,810.00	6,881.34	6,743.02	22.01	32.81	96.63	1,373.83	566.87	2,458.04	2,417.34	40.70	60.391		
7,100.00	6,894.37	6,938.32	6,798.37	22.00	32.81	91.77	1,373.70	553.42	2,467.01	2,426.19	40.82	60.439		
7,200.00	6,969.76	7,000.00	6,856.67	21.96	32.79	89.06	1,373.52	533.34	2,473.95	2,433.01	40.95	60.416		
7,300.00	7,034.30	7,054.17	6,906.06	21.89	32.75	87.50	1,373.32	511.12	2,478.85	2,437.74	41.11	60.298		
7,400.00	7,086.41	7,113.46	6,957.73	21.80	32.69	86.84	1,373.06	482.10	2,481.81	2,440.45	41.36	60.008		
7,500.00	7,124.80	7,174.03	7,007.49	21.71	32.62	86.81	1,372.74	447.62	2,482.94	2,441.22	41.72	59.513		
7,600.00	7,148.53	7,236.25	7,054.97	21.62	32.53	87.32	1,372.38	407.44	2,482.46	2,440.22	42.24	58.776		
7,700.00	7,157.02	7,300.66	7,099.74	21.55	32.44	88.30	1,371.96	361.18	2,480.62	2,437.75	42.87	57.860		
7,800.00	7,156.15	7,371.62	7,143.38	21.56	32.33	89.34	1,371.45	305.26	2,478.82	2,435.06	43.76	56.646		
7,879.30	7,155.39	7,437.21	7,177.95	21.68	32.23	90.15	1,370.94	249.56	2,478.47	2,433.81	44.66	55.496		
7,900.00	7,155.19	7,455.75	7,186.66	21.72	32.20	90.36	1,370.80	233.20	2,478.49	2,433.57	44.92	55.173		
8,000.00	7,154.24	7,553.35	7,224.46	22.13	32.07	91.25	1,369.98	143.32	2,478.94	2,432.41	46.53	53.279		
8,100.00	7,153.28	7,662.35	7,249.90	22.77	31.96	91.86	1,369.02	37.48	2,479.47	2,430.74	48.73	50.880		
8,200.00	7,152.32	7,776.01	7,256.90	23.59	31.98	92.05	1,367.99	-75.82	2,479.57	2,428.09	51.48	48.169		
8,300.00	7,151.36	7,876.01	7,255.66	24.52	32.26	92.04	1,367.08	-175.81	2,479.41	2,424.97	54.44	45.547		
8,400.00	7,150.41	7,976.01	7,254.42	25.54	33.28	92.04	1,366.17	-275.79	2,479.25	2,421.55	57.70	42.971		
8,500.00	7,149.45	8,076.01	7,253.18	26.64	35.21	92.03	1,365.27	-375.78	2,479.09	2,417.87	61.22	40.493		
8,600.00	7,148.49	8,176.00	7,251.94	27.79	37.61	92.02	1,364.36	-475.77	2,478.93	2,413.96	64.97	38.155		
8,700.00	7,147.54	8,276.00	7,250.70	29.00	40.25	92.02	1,363.45	-575.76	2,478.78	2,409.88	68.90	35.978		
8,800.00	7,146.58	8,376.00	7,249.46	30.25	43.03	92.01	1,362.54	-675.74	2,478.62	2,405.64	72.97	33.966		
8,900.00	7,145.62	8,476.00	7,248.22	31.54	45.90	92.00	1,361.63	-775.73	2,478.46	2,401.29	77.17	32.116		
9,000.00	7,144.66	8,576.00	7,246.99	32.86	48.86	92.00	1,360.73	-875.72	2,478.30	2,396.82	81.48	30.417		
9,100.00	7,143.71	8,676.00	7,245.75	34.21	51.87	91.99	1,359.82	-975.71	2,478.14	2,392.27	85.87	28.860		
9,200.00	7,142.75	8,776.00	7,244.51	35.59	54.94	91.98	1,358.91	-1,075.70	2,477.99	2,387.65	90.33	27.431		
9,300.00	7,141.79	8,876.00	7,243.27	36.99	58.05	91.98	1,358.00	-1,175.68	2,477.83	2,382.96	94.87	26.119		
9,400.00	7,140.83	8,976.00	7,242.03	38.41	61.19	91.97	1,357.09	-1,275.67	2,477.67	2,378.22	99.45	24.913		
9,500.00	7,139.88	9,076.00	7,240.79	39.86	64.36	91.97	1,356.19	-1,375.66	2,477.51	2,373.43	104.09	23.803		
9,600.00	7,138.92	9,176.00	7,239.55	41.31	67.56	91.96	1,355.28	-1,475.65	2,477.35	2,368.59	108.76	22.778		
9,700.00	7,137.96	9,276.00	7,238.31	42.79	70.78	91.95	1,354.37	-1,575.63	2,477.20	2,363.72	113.47	21.831		
9,800.00	7,137.00	9,376.00	7,237.07	44.28	74.02	91.95	1,353.46	-1,675.62	2,477.04	2,358.82	118.22	20.953		
9,900.00	7,136.05	9,476.00	7,235.83	45.78	77.27	91.94	1,352.55	-1,775.61	2,476.88	2,353.89	122.99	20.139		
10,000.00	7,135.09	9,576.00	7,234.59	47.29	80.54	91.93	1,351.65	-1,875.60	2,476.72	2,348.93	127.79	19.381		
10,100.00	7,134.13	9,676.00	7,233.36	48.81	83.83	91.93	1,350.74	-1,975.58	2,476.56	2,343.95	132.61	18.675		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
10,200.00	7,133.17	9,776.00	7,232.12	50.34	87.12	91.92	1,349.83	-2,075.57	2,476.41	2,338.95	137.46	18.016		
10,300.00	7,132.22	9,876.00	7,230.88	51.88	90.43	91.91	1,348.92	-2,175.56	2,476.25	2,333.93	142.32	17.400		
10,400.00	7,131.26	9,976.00	7,229.64	53.43	93.74	91.91	1,348.01	-2,275.55	2,476.09	2,328.90	147.19	16.822		
10,500.00	7,130.30	10,076.00	7,228.40	54.98	97.07	91.90	1,347.10	-2,375.54	2,475.93	2,323.85	152.09	16.280		
10,600.00	7,129.34	10,175.99	7,227.16	56.55	100.40	91.89	1,346.20	-2,475.52	2,475.78	2,318.78	156.99	15.770		
10,700.00	7,128.39	10,275.99	7,225.92	58.11	103.74	91.89	1,345.29	-2,575.51	2,475.62	2,313.71	161.91	15.290		
10,800.00	7,127.43	10,375.99	7,224.68	59.69	107.08	91.88	1,344.38	-2,675.50	2,475.46	2,308.62	166.84	14.837		
10,900.00	7,126.47	10,475.99	7,223.44	61.26	110.43	91.88	1,343.47	-2,775.49	2,475.30	2,303.52	171.78	14.410		
11,000.00	7,125.51	10,575.99	7,222.20	62.85	113.79	91.87	1,342.56	-2,875.47	2,475.15	2,298.42	176.73	14.005		
11,100.00	7,124.56	10,675.99	7,220.96	64.44	117.15	91.86	1,341.66	-2,975.46	2,474.99	2,293.30	181.69	13.622		
11,200.00	7,123.60	10,775.99	7,219.72	66.03	120.51	91.86	1,340.75	-3,075.45	2,474.83	2,288.18	186.66	13.259		
11,300.00	7,122.64	10,875.99	7,218.49	67.62	123.88	91.85	1,339.84	-3,175.44	2,474.67	2,283.04	191.63	12.914		
11,400.00	7,121.68	10,975.99	7,217.25	69.22	127.26	91.84	1,338.93	-3,275.42	2,474.52	2,277.91	196.61	12.586		
11,500.00	7,120.73	11,075.99	7,216.01	70.83	130.63	91.84	1,338.02	-3,375.41	2,474.36	2,272.76	201.60	12.274		
11,600.00	7,119.77	11,175.99	7,214.77	72.43	134.01	91.83	1,337.12	-3,475.40	2,474.20	2,267.61	206.59	11.976		
11,700.00	7,118.81	11,275.99	7,213.53	74.04	137.39	91.82	1,336.21	-3,575.39	2,474.05	2,262.45	211.59	11.693		
11,800.00	7,117.85	11,375.99	7,212.29	75.65	140.78	91.82	1,335.30	-3,675.38	2,473.89	2,257.29	216.60	11.422		
11,900.00	7,116.90	11,475.99	7,211.05	77.27	144.17	91.81	1,334.39	-3,775.36	2,473.73	2,252.13	221.61	11.163		
12,000.00	7,115.94	11,575.99	7,209.81	78.88	147.56	91.81	1,333.48	-3,875.35	2,473.57	2,246.95	226.62	10.915		
12,100.00	7,114.98	11,675.99	7,208.57	80.50	150.95	91.80	1,332.58	-3,975.34	2,473.42	2,241.78	231.64	10.678		
12,200.00	7,114.02	11,775.99	7,207.33	82.12	154.34	91.79	1,331.67	-4,075.33	2,473.26	2,236.60	236.66	10.451		
12,300.00	7,113.07	11,875.99	7,206.09	83.75	157.74	91.79	1,330.76	-4,175.31	2,473.10	2,231.42	241.69	10.233		
12,400.00	7,112.11	11,975.99	7,204.85	85.37	161.14	91.78	1,329.85	-4,275.30	2,472.95	2,226.23	246.72	10.023		
12,500.00	7,111.15	12,075.99	7,203.62	87.00	164.54	91.77	1,328.94	-4,375.29	2,472.79	2,221.04	251.75	9.822		
12,600.00	7,110.19	12,175.98	7,202.38	88.63	167.94	91.77	1,328.04	-4,475.28	2,472.63	2,215.85	256.78	9.629		
12,700.00	7,109.24	12,275.98	7,201.14	90.26	171.34	91.76	1,327.13	-4,575.26	2,472.47	2,210.65	261.82	9.443		
12,800.00	7,108.28	12,375.98	7,199.90	91.89	174.75	91.75	1,326.22	-4,675.25	2,472.32	2,205.45	266.86	9.264		
12,900.00	7,107.32	12,475.98	7,198.66	93.52	178.15	91.75	1,325.31	-4,775.24	2,472.16	2,200.25	271.91	9.092		
13,000.00	7,106.36	12,575.98	7,197.42	95.16	181.56	91.74	1,324.40	-4,875.23	2,472.00	2,195.05	276.96	8.926		
13,100.00	7,105.41	12,675.98	7,196.18	96.80	184.97	91.73	1,323.50	-4,975.22	2,471.85	2,189.84	282.00	8.765		
13,200.00	7,104.45	12,775.98	7,194.94	98.43	188.38	91.73	1,322.59	-5,075.20	2,471.69	2,184.63	287.06	8.610		
13,300.00	7,103.49	12,875.98	7,193.70	100.07	191.79	91.72	1,321.68	-5,175.19	2,471.53	2,179.42	292.11	8.461		
13,400.00	7,102.53	12,975.98	7,192.46	101.71	195.20	91.72	1,320.77	-5,275.18	2,471.38	2,174.21	297.17	8.317		
13,500.00	7,101.58	13,075.98	7,191.22	103.35	198.61	91.71	1,319.86	-5,375.17	2,471.22	2,169.00	302.22	8.177		
13,600.00	7,100.62	13,175.98	7,189.98	104.99	202.03	91.70	1,318.96	-5,475.15	2,471.06	2,163.78	307.28	8.042		
13,700.00	7,099.66	13,275.98	7,188.75	106.64	205.44	91.70	1,318.05	-5,575.14	2,470.91	2,158.56	312.34	7.911		
13,800.00	7,098.70	13,375.98	7,187.51	108.28	208.86	91.69	1,317.14	-5,675.13	2,470.75	2,153.35	317.41	7.784		
13,900.00	7,097.75	13,475.98	7,186.27	109.92	212.27	91.68	1,316.23	-5,775.12	2,470.59	2,148.12	322.47	7.661		
14,000.00	7,096.79	13,575.98	7,185.03	111.57	215.69	91.68	1,315.32	-5,875.10	2,470.44	2,142.90	327.54	7.542		
14,100.00	7,095.83	13,675.98	7,183.79	113.22	219.11	91.67	1,314.42	-5,975.09	2,470.28	2,137.68	332.60	7.427		
14,200.00	7,094.87	13,775.98	7,182.55	114.86	222.52	91.66	1,313.51	-6,075.08	2,470.13	2,132.45	337.67	7.315		
14,300.00	7,093.92	13,875.98	7,181.31	116.51	225.94	91.66	1,312.60	-6,175.07	2,469.97	2,127.23	342.74	7.206		
14,400.00	7,092.96	13,975.98	7,180.07	118.16	229.36	91.65	1,311.69	-6,275.06	2,469.81	2,122.00	347.81	7.101		
14,500.00	7,092.00	14,075.98	7,178.83	119.81	232.78	91.64	1,310.78	-6,375.04	2,469.66	2,116.77	352.89	6.998		
14,600.00	7,091.04	14,175.97	7,177.59	121.46	236.20	91.64	1,309.88	-6,475.03	2,469.50	2,111.54	357.96	6.899		
14,700.00	7,090.09	14,275.97	7,176.35	123.11	239.63	91.63	1,308.97	-6,575.02	2,469.34	2,106.31	363.03	6.802		
14,800.00	7,089.13	14,375.97	7,175.12	124.76	243.05	91.63	1,308.06	-6,675.01	2,469.19	2,101.08	368.11	6.708		
14,900.00	7,088.17	14,475.97	7,173.88	126.41	246.47	91.62	1,307.15	-6,774.99	2,469.03	2,095.84	373.19	6.616		
15,000.00	7,087.21	14,575.97	7,172.64	128.07	249.89	91.61	1,306.24	-6,874.98	2,468.87	2,090.61	378.27	6.527		
15,100.00	7,086.26	14,675.97	7,171.40	129.72	253.32	91.61	1,305.34	-6,974.97	2,468.72	2,085.37	383.34	6.440		
15,200.00	7,085.30	14,775.97	7,170.16	131.37	256.74	91.60	1,304.43	-7,074.96	2,468.56	2,080.14	388.42	6.355		
15,300.00	7,084.34	14,875.97	7,168.92	133.03	260.17	91.59	1,303.52	-7,174.94	2,468.41	2,074.90	393.50	6.273		

Hewlett-Packard
Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
15,331.10	7,084.04	14,907.07	7,168.53	133.54	261.23	91.59	1,303.24	-7,206.04	2,468.36	2,073.27	395.08	6.248 ES, SF	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
11,900.00	7,116.90	7,467.95	7,171.99	77.27	44.56	91.98	478.21	-5,580.16	2,440.49	2,358.34	82.15	29.707		
12,000.00	7,115.94	7,467.36	7,171.40	78.88	44.56	91.96	478.22	-5,580.16	2,367.05	2,282.14	84.91	27.878		
12,100.00	7,114.98	7,466.76	7,170.80	80.50	44.56	91.94	478.24	-5,580.16	2,295.61	2,207.77	87.84	26.133		
12,200.00	7,114.02	7,466.17	7,170.21	82.12	44.55	91.92	478.26	-5,580.15	2,226.38	2,135.41	90.96	24.476		
12,300.00	7,113.07	7,465.58	7,169.62	83.75	44.55	91.90	478.28	-5,580.15	2,159.55	2,065.28	94.27	22.908		
12,400.00	7,112.11	7,464.99	7,169.04	85.37	44.55	91.88	478.29	-5,580.15	2,095.37	1,997.61	97.76	21.433		
12,500.00	7,111.15	7,464.41	7,168.45	87.00	44.55	91.86	478.31	-5,580.15	2,034.08	1,932.65	101.43	20.053		
12,600.00	7,110.19	7,463.83	7,167.88	88.63	44.55	91.84	478.33	-5,580.14	1,975.95	1,870.69	105.27	18.771		
12,700.00	7,109.24	7,463.26	7,167.30	90.26	44.55	91.82	478.34	-5,580.14	1,921.28	1,812.03	109.25	17.586		
12,800.00	7,108.28	7,462.69	7,166.73	91.89	44.55	91.80	478.36	-5,580.14	1,870.35	1,757.00	113.35	16.501		
12,900.00	7,107.32	7,462.12	7,166.16	93.52	44.55	91.78	478.37	-5,580.14	1,823.49	1,705.97	117.52	15.516		
13,000.00	7,106.36	7,461.56	7,165.60	95.16	44.55	91.76	478.39	-5,580.13	1,781.02	1,659.29	121.73	14.631		
13,100.00	7,105.41	7,460.99	7,165.04	96.80	44.55	91.74	478.41	-5,580.13	1,743.26	1,617.34	125.92	13.844		
13,200.00	7,104.45	7,460.44	7,164.48	98.43	44.55	91.72	478.42	-5,580.13	1,710.51	1,580.49	130.02	13.156		
13,300.00	7,103.49	7,459.88	7,163.92	100.07	44.55	91.70	478.44	-5,580.13	1,683.08	1,549.11	133.96	12.564		
13,400.00	7,102.53	7,459.33	7,163.37	101.71	44.55	91.68	478.45	-5,580.12	1,661.22	1,523.54	137.68	12.066		
13,500.00	7,101.58	7,458.78	7,162.82	103.35	44.55	91.66	478.47	-5,580.12	1,645.16	1,504.06	141.10	11.660		
13,600.00	7,100.62	7,458.23	7,162.28	104.99	44.54	91.64	478.48	-5,580.12	1,635.07	1,490.92	144.15	11.343		
13,700.00	7,099.66	7,457.69	7,161.73	106.64	44.54	91.62	478.50	-5,580.12	1,631.06	1,484.28	146.78	11.112		
13,715.48	7,099.51	7,457.61	7,161.65	106.89	44.54	91.62	478.50	-5,580.12	1,630.99	1,483.84	147.15	11.084 CC, ES		
13,800.00	7,098.70	7,457.15	7,161.19	108.28	44.54	91.61	478.52	-5,580.11	1,633.18	1,484.23	148.95	10.964		
13,900.00	7,097.75	7,456.61	7,160.66	109.92	44.54	91.59	478.53	-5,580.11	1,641.39	1,490.76	150.64	10.896 SF		
14,000.00	7,096.79	7,456.08	7,160.12	111.57	44.54	91.57	478.55	-5,580.11	1,655.62	1,503.80	151.82	10.905		
14,100.00	7,095.83	7,455.55	7,159.59	113.22	44.54	91.55	478.56	-5,580.11	1,675.70	1,523.18	152.52	10.986		
14,200.00	7,094.87	7,455.02	7,159.07	114.86	44.54	91.53	478.58	-5,580.11	1,701.44	1,548.67	152.76	11.138		
14,300.00	7,093.92	7,454.50	7,158.54	116.51	44.54	91.51	478.59	-5,580.10	1,732.57	1,579.99	152.58	11.355		
14,400.00	7,092.96	7,453.97	7,158.02	118.16	44.54	91.49	478.60	-5,580.10	1,768.81	1,616.79	152.01	11.636		
14,500.00	7,092.00	7,453.45	7,157.50	119.81	44.54	91.48	478.62	-5,580.10	1,809.86	1,658.74	151.12	11.976		
14,600.00	7,091.04	7,452.94	7,156.98	121.46	44.54	91.46	478.63	-5,580.10	1,855.39	1,705.45	149.95	12.374		
14,700.00	7,090.09	7,452.43	7,156.47	123.11	44.54	91.44	478.65	-5,580.09	1,905.09	1,756.55	148.55	12.825		
14,800.00	7,089.13	7,451.91	7,155.96	124.76	44.54	91.42	478.66	-5,580.09	1,958.64	1,811.68	146.97	13.327		
14,900.00	7,088.17	7,451.41	7,155.45	126.41	44.54	91.40	478.68	-5,580.09	2,015.73	1,870.48	145.25	13.878		
15,000.00	7,087.21	7,450.90	7,154.95	128.07	44.54	91.39	478.69	-5,580.09	2,076.07	1,932.64	143.43	14.474		
15,100.00	7,086.26	7,450.40	7,154.45	129.72	44.54	91.37	478.71	-5,580.08	2,139.39	1,997.83	141.56	15.113		
15,200.00	7,085.30	7,449.90	7,153.95	131.37	44.53	91.35	478.72	-5,580.08	2,205.42	2,065.78	139.64	15.794		
15,300.00	7,084.34	7,449.40	7,153.45	133.03	44.53	91.33	478.73	-5,580.08	2,273.93	2,136.22	137.71	16.512		
15,331.10	7,084.04	7,449.25	7,153.30	133.54	44.53	91.33	478.74	-5,580.08	2,295.71	2,158.60	137.11	16.743		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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	
12,100.00	7,114.98	7,507.55	7,191.30	80.50	44.43	94.93	-202.41	-6,252.00	2,484.38	2,409.27	75.11	33.077	
12,200.00	7,114.02	7,506.89	7,190.64	82.12	44.43	94.89	-202.37	-6,252.00	2,392.42	2,316.06	76.36	31.330	
12,300.00	7,113.07	7,506.22	7,189.97	83.75	44.43	94.85	-202.33	-6,252.00	2,301.14	2,223.42	77.72	29.608	
12,400.00	7,112.11	7,505.53	7,189.29	85.37	44.43	94.81	-202.28	-6,252.00	2,210.61	2,131.42	79.19	27.914	
12,500.00	7,111.15	7,504.84	7,188.59	87.00	44.42	94.76	-202.24	-6,252.00	2,120.93	2,040.14	80.79	26.252	
12,600.00	7,110.19	7,504.13	7,187.89	88.63	44.42	94.72	-202.20	-6,252.00	2,032.22	1,949.69	82.53	24.624	
12,700.00	7,109.24	7,503.41	7,187.17	90.26	44.42	94.68	-202.15	-6,252.00	1,944.60	1,860.17	84.42	23.034	
12,800.00	7,108.28	7,502.67	7,186.43	91.89	44.42	94.63	-202.11	-6,252.01	1,858.23	1,771.74	86.48	21.487	
12,900.00	7,107.32	7,501.92	7,185.69	93.52	44.42	94.59	-202.06	-6,252.01	1,773.29	1,684.56	88.73	19.985	
13,000.00	7,106.36	7,501.16	7,184.92	95.16	44.42	94.54	-202.01	-6,252.01	1,690.00	1,598.82	91.18	18.535	
13,100.00	7,105.41	7,500.38	7,184.15	96.80	44.42	94.50	-201.96	-6,252.01	1,608.62	1,514.77	93.85	17.140	
13,200.00	7,104.45	7,499.59	7,183.36	98.43	44.41	94.45	-201.91	-6,252.01	1,529.44	1,432.68	96.76	15.806	
13,300.00	7,103.49	7,498.79	7,182.55	100.07	44.41	94.40	-201.86	-6,252.01	1,452.84	1,352.90	99.94	14.538	
13,400.00	7,102.53	7,497.96	7,181.73	101.71	44.41	94.35	-201.81	-6,252.02	1,379.23	1,275.84	103.39	13.340	
13,500.00	7,101.58	7,497.12	7,180.90	103.35	44.41	94.30	-201.76	-6,252.02	1,309.13	1,201.99	107.14	12.219	
13,600.00	7,100.62	7,496.27	7,180.04	104.99	44.41	94.25	-201.70	-6,252.02	1,243.12	1,131.92	111.20	11.180	
13,700.00	7,099.66	7,495.40	7,179.17	106.64	44.41	94.20	-201.65	-6,252.02	1,181.90	1,066.33	115.56	10.227	
13,800.00	7,098.70	7,494.50	7,178.28	108.28	44.40	94.15	-201.59	-6,252.03	1,126.24	1,006.00	120.23	9.367	
13,900.00	7,097.75	7,498.29	7,182.06	109.92	44.42	94.37	-201.88	-6,252.01	1,076.98	951.78	125.19	8.602	
14,000.00	7,096.79	7,496.86	7,180.63	111.57	44.41	94.29	-201.78	-6,252.01	1,035.09	904.80	130.29	7.944	
14,100.00	7,095.83	7,495.42	7,179.19	113.22	44.41	94.20	-201.68	-6,252.02	1,001.47	866.06	135.41	7.396	
14,200.00	7,094.87	7,493.96	7,177.73	114.86	44.41	94.11	-201.58	-6,252.03	976.98	836.67	140.31	6.963	
14,300.00	7,093.92	7,492.47	7,176.25	116.51	44.40	94.02	-201.47	-6,252.03	962.29	817.62	144.68	6.651	
14,392.39	7,093.03	7,491.08	7,174.86	118.04	44.40	93.94	-201.38	-6,252.04	957.85	809.87	147.98	6.473 CC	
14,400.00	7,092.96	7,490.96	7,174.75	118.16	44.40	93.93	-201.37	-6,252.04	957.88	809.67	148.21	6.463 ES	
14,500.00	7,092.00	7,489.43	7,173.22	119.81	44.40	93.84	-201.26	-6,252.05	963.87	813.20	150.67	6.397 SF	
14,600.00	7,091.04	7,487.88	7,171.67	121.46	44.39	93.75	-201.16	-6,252.05	980.08	828.15	151.93	6.451	
14,700.00	7,090.09	7,486.30	7,170.10	123.11	44.39	93.66	-201.05	-6,252.06	1,006.02	854.01	152.01	6.618	
14,800.00	7,089.13	7,484.71	7,168.51	124.76	44.39	93.56	-200.94	-6,252.07	1,040.95	889.91	151.04	6.892	
14,900.00	7,088.17	7,483.08	7,166.89	126.41	44.38	93.46	-200.83	-6,252.08	1,084.01	934.80	149.22	7.265	
15,000.00	7,087.21	7,481.44	7,165.24	128.07	44.38	93.36	-200.72	-6,252.08	1,134.28	987.52	146.76	7.729	
15,100.00	7,086.26	7,479.76	7,163.57	129.72	44.37	93.26	-200.61	-6,252.09	1,190.83	1,046.94	143.89	8.276	
15,200.00	7,085.30	7,478.07	7,161.88	131.37	44.37	93.16	-200.49	-6,252.10	1,252.82	1,112.05	140.77	8.900	
15,300.00	7,084.34	7,476.34	7,160.16	133.03	44.37	93.06	-200.38	-6,252.11	1,319.49	1,181.94	137.55	9.593	
15,331.10	7,084.04	7,475.80	7,159.62	133.54	44.37	93.03	-200.34	-6,252.11	1,341.07	1,204.53	136.54	9.822	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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		
13,200.00	7,104.45	7,206.29	7,115.20	98.43	27.54	90.47	466.40	-6,897.74	2,452.19	2,357.80	94.38	25.982		
13,300.00	7,103.49	7,205.51	7,114.41	100.07	27.53	90.44	466.40	-6,897.74	2,378.34	2,281.26	97.09	24.497		
13,400.00	7,102.53	7,204.73	7,113.63	101.71	27.53	90.41	466.40	-6,897.74	2,306.47	2,206.55	99.91	23.085		
13,500.00	7,101.58	7,203.95	7,112.85	103.35	27.53	90.39	466.40	-6,897.74	2,236.76	2,133.89	102.86	21.745		
13,600.00	7,100.62	7,203.17	7,112.08	104.99	27.53	90.36	466.40	-6,897.74	2,169.42	2,063.48	105.93	20.479		
13,700.00	7,099.66	7,202.39	7,111.30	106.64	27.53	90.33	466.40	-6,897.73	2,104.68	1,995.56	109.11	19.289		
13,800.00	7,098.70	7,201.62	7,110.53	108.28	27.53	90.30	466.40	-6,897.73	2,042.78	1,930.38	112.40	18.175		
13,900.00	7,097.75	7,200.85	7,109.76	109.92	27.53	90.28	466.40	-6,897.73	1,983.99	1,868.23	115.76	17.138		
14,000.00	7,096.79	7,200.08	7,108.99	111.57	27.52	90.25	466.40	-6,897.73	1,928.61	1,809.41	119.20	16.180		
14,100.00	7,095.83	7,199.31	7,108.22	113.22	27.52	90.22	466.39	-6,897.73	1,876.91	1,754.24	122.67	15.300		
14,200.00	7,094.87	7,198.54	7,107.45	114.86	27.52	90.20	466.39	-6,897.73	1,829.23	1,703.07	126.16	14.500		
14,300.00	7,093.92	7,197.78	7,106.69	116.51	27.52	90.17	466.39	-6,897.73	1,785.88	1,656.26	129.61	13.778		
14,400.00	7,092.96	7,197.02	7,105.92	118.16	27.52	90.14	466.39	-6,897.73	1,747.18	1,614.18	133.00	13.137		
14,500.00	7,092.00	7,196.26	7,105.16	119.81	27.52	90.12	466.39	-6,897.72	1,713.45	1,577.18	136.27	12.574		
14,600.00	7,091.04	7,195.50	7,104.40	121.46	27.52	90.09	466.39	-6,897.72	1,684.99	1,545.63	139.36	12.091		
14,700.00	7,090.09	7,194.74	7,103.65	123.11	27.52	90.06	466.39	-6,897.72	1,662.07	1,519.84	142.23	11.686		
14,800.00	7,089.13	7,193.98	7,102.89	124.76	27.51	90.04	466.39	-6,897.72	1,644.92	1,500.09	144.82	11.358		
14,900.00	7,088.17	7,193.23	7,102.14	126.41	27.51	90.01	466.39	-6,897.72	1,633.71	1,486.62	147.09	11.107		
15,000.00	7,087.21	7,192.48	7,101.39	128.07	27.51	89.98	466.39	-6,897.72	1,628.59	1,479.60	148.98	10.931		
15,033.65	7,086.89	7,192.23	7,101.13	128.62	27.51	89.97	466.39	-6,897.72	1,628.24	1,478.71	149.53	10.889 CC, ES		
15,100.00	7,086.26	7,191.73	7,100.64	129.72	27.51	89.96	466.39	-6,897.72	1,629.59	1,479.11	150.47	10.830		
15,200.00	7,085.30	7,190.98	7,099.89	131.37	27.51	89.93	466.39	-6,897.72	1,636.71	1,485.17	151.55	10.800 SF		
15,300.00	7,084.34	7,190.23	7,099.14	133.03	27.51	89.90	466.39	-6,897.71	1,649.88	1,497.69	152.19	10.841		
15,331.10	7,084.04	7,190.00	7,098.91	133.54	27.51	89.90	466.39	-6,897.71	1,655.18	1,502.88	152.30	10.868		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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 7-1 - SRC PR Well - Actual Ensign Surveys		Offset Site Error:		0.00 usft
Survey Program:											126-SRC Energy_ISCWSA REV 2 MWD, 7896-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			
12,600.00	7,110.19	7,572.28	7,099.80	88.63	52.27	89.69	-849.31	-6,927.40	2,493.04	2,414.53	78.50	31.757			
12,700.00	7,109.24	7,572.27	7,099.79	90.26	52.27	89.68	-849.31	-6,927.40	2,393.86	2,314.94	78.92	30.332			
12,800.00	7,108.28	7,572.26	7,099.78	91.89	52.27	89.68	-849.31	-6,927.40	2,294.76	2,215.38	79.38	28.909			
12,900.00	7,107.32	7,572.25	7,099.77	93.52	52.27	89.68	-849.31	-6,927.40	2,195.73	2,115.85	79.88	27.487			
13,000.00	7,106.36	7,572.24	7,099.76	95.16	52.27	89.68	-849.31	-6,927.40	2,096.80	2,016.36	80.44	26.067			
13,100.00	7,105.41	7,572.23	7,099.75	96.80	52.27	89.68	-849.31	-6,927.40	1,997.98	1,916.92	81.06	24.649			
13,200.00	7,104.45	7,572.22	7,099.74	98.43	52.27	89.68	-849.31	-6,927.40	1,899.27	1,817.53	81.75	23.233			
13,300.00	7,103.49	7,572.21	7,099.73	100.07	52.27	89.67	-849.31	-6,927.40	1,800.71	1,718.19	82.52	21.821			
13,400.00	7,102.53	7,572.20	7,099.72	101.71	52.27	89.67	-849.31	-6,927.40	1,702.32	1,618.93	83.40	20.412			
13,500.00	7,101.58	7,572.19	7,099.71	103.35	52.27	89.67	-849.31	-6,927.40	1,604.13	1,519.74	84.39	19.009			
13,600.00	7,100.62	7,572.19	7,099.71	104.99	52.27	89.67	-849.31	-6,927.40	1,506.18	1,420.65	85.52	17.611			
13,700.00	7,099.66	7,572.18	7,099.70	106.64	52.27	89.67	-849.31	-6,927.40	1,408.51	1,321.68	86.83	16.221			
13,800.00	7,098.70	7,572.17	7,099.69	108.28	52.27	89.67	-849.31	-6,927.40	1,311.20	1,222.85	88.35	14.841			
13,900.00	7,097.75	7,572.16	7,099.68	109.92	52.27	89.66	-849.31	-6,927.40	1,214.32	1,124.19	90.13	13.473			
14,000.00	7,096.79	7,572.16	7,099.67	111.57	52.27	89.66	-849.31	-6,927.40	1,117.99	1,025.76	92.23	12.122			
14,100.00	7,095.83	7,572.15	7,099.67	113.22	52.27	89.66	-849.31	-6,927.40	1,022.37	927.64	94.73	10.793			
14,200.00	7,094.87	7,572.14	7,099.66	114.86	52.27	89.66	-849.31	-6,927.40	927.67	829.93	97.74	9.491			
14,300.00	7,093.92	7,572.14	7,099.65	116.51	52.27	89.66	-849.31	-6,927.40	834.20	732.80	101.40	8.227			
14,400.00	7,092.96	7,572.13	7,099.65	118.16	52.27	89.66	-849.32	-6,927.40	742.45	636.54	105.90	7.011			
14,500.00	7,092.00	7,572.12	7,099.64	119.81	52.27	89.66	-849.32	-6,927.40	653.12	541.65	111.47	5.859			
14,600.00	7,091.04	7,572.12	7,099.64	121.46	52.27	89.66	-849.32	-6,927.40	567.36	449.01	118.34	4.794			
14,700.00	7,090.09	7,572.11	7,099.63	123.11	52.27	89.66	-849.32	-6,927.40	487.06	360.35	126.71	3.844			
14,800.00	7,089.13	7,572.10	7,099.62	124.76	52.27	89.65	-849.32	-6,927.40	415.40	279.07	136.33	3.047			
14,900.00	7,088.17	7,572.10	7,099.62	126.41	52.27	89.65	-849.32	-6,927.40	357.62	211.70	145.92	2.451			
15,000.00	7,087.21	7,572.09	7,099.61	128.07	52.27	89.65	-849.32	-6,927.40	321.28	168.30	152.98	2.100			
15,073.34	7,086.51	7,572.09	7,099.61	129.28	52.27	89.65	-849.32	-6,927.40	312.80	157.17	155.63	2.010	CC, ES, SF		
15,100.00	7,086.26	7,572.09	7,099.61	129.72	52.27	89.65	-849.32	-6,927.40	313.94	157.95	155.99	2.013			
15,200.00	7,085.30	7,572.08	7,099.60	131.37	52.27	89.65	-849.32	-6,927.40	337.47	184.07	153.40	2.200			
15,300.00	7,084.34	7,572.08	7,099.60	133.03	52.27	89.65	-849.32	-6,927.40	386.29	241.01	145.28	2.659			
15,331.10	7,084.04	7,572.08	7,099.59	133.54	52.27	89.65	-849.32	-6,927.40	405.32	263.12	142.20	2.850			

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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													Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor		
11,300.00	7,122.64	7,736.15	7,162.61	67.62	64.72	98.87	-850.18	-5,569.80	2,434.47	2,356.78	77.69	31.336		
11,400.00	7,121.68	7,735.13	7,161.58	69.22	64.71	98.68	-850.16	-5,569.81	2,335.29	2,257.41	77.88	29.987		
11,500.00	7,120.73	7,734.07	7,160.52	70.83	64.71	98.49	-850.13	-5,569.81	2,236.18	2,158.10	78.08	28.638		
11,600.00	7,119.77	7,732.97	7,159.43	72.43	64.71	98.28	-850.10	-5,569.82	2,137.16	2,058.84	78.32	27.289		
11,700.00	7,118.81	7,731.85	7,158.30	74.04	64.71	98.07	-850.07	-5,569.83	2,038.23	1,959.66	78.57	25.940		
11,800.00	7,117.85	7,730.68	7,157.14	75.65	64.71	97.85	-850.04	-5,569.84	1,939.41	1,860.55	78.87	24.591		
11,900.00	7,116.90	7,729.48	7,155.94	77.27	64.71	97.63	-850.01	-5,569.85	1,840.72	1,761.52	79.20	23.242		
12,000.00	7,115.94	7,728.24	7,154.70	78.88	64.71	97.40	-849.98	-5,569.86	1,742.18	1,662.60	79.57	21.894		
12,100.00	7,114.98	7,726.96	7,153.42	80.50	64.70	97.16	-849.95	-5,569.87	1,643.81	1,563.80	80.01	20.546		
12,200.00	7,114.02	7,725.64	7,152.09	82.12	64.70	96.91	-849.91	-5,569.89	1,545.64	1,465.14	80.51	19.199		
12,300.00	7,113.07	7,724.26	7,150.72	83.75	64.70	96.65	-849.88	-5,569.90	1,447.73	1,366.64	81.09	17.853		
12,400.00	7,112.11	7,722.84	7,149.30	85.37	64.70	96.39	-849.84	-5,569.91	1,350.12	1,268.35	81.77	16.510		
12,500.00	7,111.15	7,721.37	7,147.83	87.00	64.70	96.11	-849.80	-5,569.93	1,252.89	1,170.30	82.59	15.171		
12,600.00	7,110.19	7,719.84	7,146.30	88.63	64.69	95.82	-849.76	-5,569.95	1,156.12	1,072.57	83.56	13.836		
12,700.00	7,109.24	7,718.26	7,144.72	90.26	64.69	95.52	-849.72	-5,569.96	1,059.96	975.23	84.73	12.510		
12,800.00	7,108.28	7,716.62	7,143.08	91.89	64.69	95.21	-849.67	-5,569.98	964.57	878.40	86.17	11.194		
12,900.00	7,107.32	7,714.91	7,141.37	93.52	64.69	94.89	-849.63	-5,570.00	870.21	782.27	87.94	9.895		
13,000.00	7,106.36	7,713.14	7,139.60	95.16	64.69	94.56	-849.58	-5,570.02	777.26	687.09	90.17	8.620		
13,100.00	7,105.41	7,711.29	7,137.75	96.80	64.68	94.21	-849.53	-5,570.05	686.29	593.30	92.99	7.380		
13,200.00	7,104.45	7,709.37	7,135.83	98.43	64.68	93.85	-849.47	-5,570.07	598.19	501.57	96.63	6.191		
13,300.00	7,103.49	7,707.36	7,133.83	100.07	64.68	93.47	-849.42	-5,570.10	514.47	413.05	101.42	5.073		
13,400.00	7,102.53	7,705.27	7,131.74	101.71	64.68	93.07	-849.36	-5,570.13	437.62	329.67	107.95	4.054		
13,500.00	7,101.58	7,703.09	7,129.56	103.35	64.67	92.66	-849.30	-5,570.16	371.93	254.41	117.51	3.165		
13,600.00	7,100.62	7,700.81	7,127.28	104.99	64.67	92.23	-849.23	-5,570.20	324.25	192.20	132.05	2.456		
13,700.00	7,099.66	7,698.43	7,124.90	106.64	64.67	91.78	-849.16	-5,570.24	303.21	154.96	148.25	2.045		
13,716.05	7,099.51	7,698.04	7,124.51	106.90	64.67	91.70	-849.15	-5,570.24	302.79	152.50	150.29	2.015 CC, ES, SF		
13,800.00	7,098.70	7,695.93	7,122.40	108.28	64.66	91.31	-849.08	-5,570.28	314.20	158.31	155.89	2.015		
13,900.00	7,097.75	7,693.31	7,119.79	109.92	64.66	90.81	-849.01	-5,570.32	354.25	201.93	152.32	2.326		
14,000.00	7,096.79	7,690.57	7,117.04	111.57	64.66	90.29	-848.92	-5,570.37	415.03	271.74	143.29	2.896		
14,100.00	7,095.83	7,687.68	7,114.16	113.22	64.65	89.75	-848.83	-5,570.42	488.87	355.23	133.64	3.658		
14,200.00	7,094.87	7,684.65	7,111.13	114.86	64.65	89.17	-848.74	-5,570.48	570.72	445.50	125.22	4.558		
14,300.00	7,093.92	7,681.45	7,107.93	116.51	64.64	88.57	-848.64	-5,570.54	657.59	539.25	118.35	5.556		
14,400.00	7,092.96	7,678.08	7,104.56	118.16	64.64	87.93	-848.53	-5,570.61	747.74	634.90	112.84	6.627		
14,500.00	7,092.00	7,674.52	7,101.00	119.81	64.63	87.26	-848.42	-5,570.69	840.11	731.67	108.44	7.747		
14,600.00	7,091.04	7,670.79	7,097.28	121.46	64.63	86.56	-848.29	-5,570.77	934.04	829.14	104.90	8.904		
14,700.00	7,090.09	7,667.54	7,094.03	123.11	64.62	85.96	-848.18	-5,570.85	1,029.10	927.08	102.03	10.087		
14,800.00	7,089.13	7,664.25	7,090.74	124.76	64.62	85.34	-848.07	-5,570.92	1,125.01	1,025.34	99.68	11.287		
14,900.00	7,088.17	7,660.91	7,087.41	126.41	64.61	84.72	-847.96	-5,571.00	1,221.57	1,123.83	97.74	12.498		
15,000.00	7,087.21	7,657.54	7,084.04	128.07	64.61	84.09	-847.84	-5,571.08	1,318.63	1,222.50	96.14	13.716		
15,100.00	7,086.26	7,654.11	7,080.62	129.72	64.60	83.46	-847.72	-5,571.16	1,416.10	1,321.30	94.79	14.939		
15,200.00	7,085.30	7,650.65	7,077.15	131.37	64.60	82.82	-847.59	-5,571.24	1,513.88	1,420.22	93.66	16.163		
15,300.00	7,084.34	7,647.13	7,073.64	133.03	64.59	82.17	-847.47	-5,571.33	1,611.93	1,519.23	92.71	17.387		
15,331.10	7,084.04	7,646.03	7,072.54	133.54	64.59	81.97	-847.42	-5,571.35	1,642.48	1,550.04	92.44	17.768		

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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: 93-SRC Energy_ISCWSA REV 2 MWD												Offset Well Error:	3.28 usft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (usft)	Vertical Depth (usft)	Measured Depth (usft)	Vertical Depth (usft)	Reference (usft)	Offset (usft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (usft)	+E/-W (usft)	Between Centres (usft)	Between Ellipses (usft)	Minimum Separation (usft)	Separation Factor	
13,700.00	7,099.66	7,183.74	7,113.14	106.64	25.51	90.09	1,230.35	-6,231.16	2,477.00	2,347.94	129.06	19.192	
13,800.00	7,098.70	7,184.66	7,114.07	108.28	25.51	90.11	1,230.35	-6,231.17	2,452.20	2,320.55	131.65	18.627	
13,900.00	7,097.75	7,185.60	7,115.01	109.92	25.52	90.14	1,230.34	-6,231.19	2,431.26	2,297.15	134.11	18.129	
14,000.00	7,096.79	7,186.55	7,115.96	111.57	25.52	90.16	1,230.34	-6,231.21	2,414.29	2,277.86	136.43	17.697	
14,100.00	7,095.83	7,187.52	7,116.93	113.22	25.52	90.18	1,230.33	-6,231.23	2,401.36	2,262.78	138.58	17.329	
14,200.00	7,094.87	7,188.50	7,117.91	114.86	25.52	90.21	1,230.33	-6,231.25	2,392.55	2,252.00	140.55	17.023	
14,300.00	7,093.92	7,189.50	7,118.90	116.51	25.52	90.23	1,230.32	-6,231.27	2,387.89	2,245.57	142.32	16.779	
14,361.29	7,093.33	7,190.12	7,119.52	117.52	25.52	90.24	1,230.32	-6,231.28	2,387.10	2,243.81	143.30	16.658 CC	
14,400.00	7,092.96	7,190.51	7,119.92	118.16	25.52	90.25	1,230.32	-6,231.29	2,387.42	2,243.54	143.88	16.593 ES	
14,500.00	7,092.00	7,191.54	7,120.95	119.81	25.53	90.28	1,230.32	-6,231.31	2,391.13	2,245.91	145.22	16.466	
14,600.00	7,091.04	7,192.59	7,121.99	121.46	25.53	90.30	1,230.31	-6,231.33	2,399.01	2,252.67	146.34	16.393	
14,700.00	7,090.09	7,193.65	7,123.05	123.11	25.53	90.33	1,230.31	-6,231.35	2,411.01	2,263.78	147.23	16.375 SF	
14,800.00	7,089.13	7,194.73	7,124.13	124.76	25.53	90.36	1,230.30	-6,231.37	2,427.08	2,279.18	147.90	16.410	
14,900.00	7,088.17	7,195.82	7,125.23	126.41	25.53	90.38	1,230.30	-6,231.39	2,447.13	2,298.78	148.36	16.495	
15,000.00	7,087.21	7,196.94	7,126.34	128.07	25.53	90.41	1,230.29	-6,231.42	2,471.07	2,322.47	148.60	16.629	
15,100.00	7,086.26	7,198.07	7,127.47	129.72	25.54	90.44	1,230.29	-6,231.44	2,498.78	2,350.14	148.64	16.811	

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

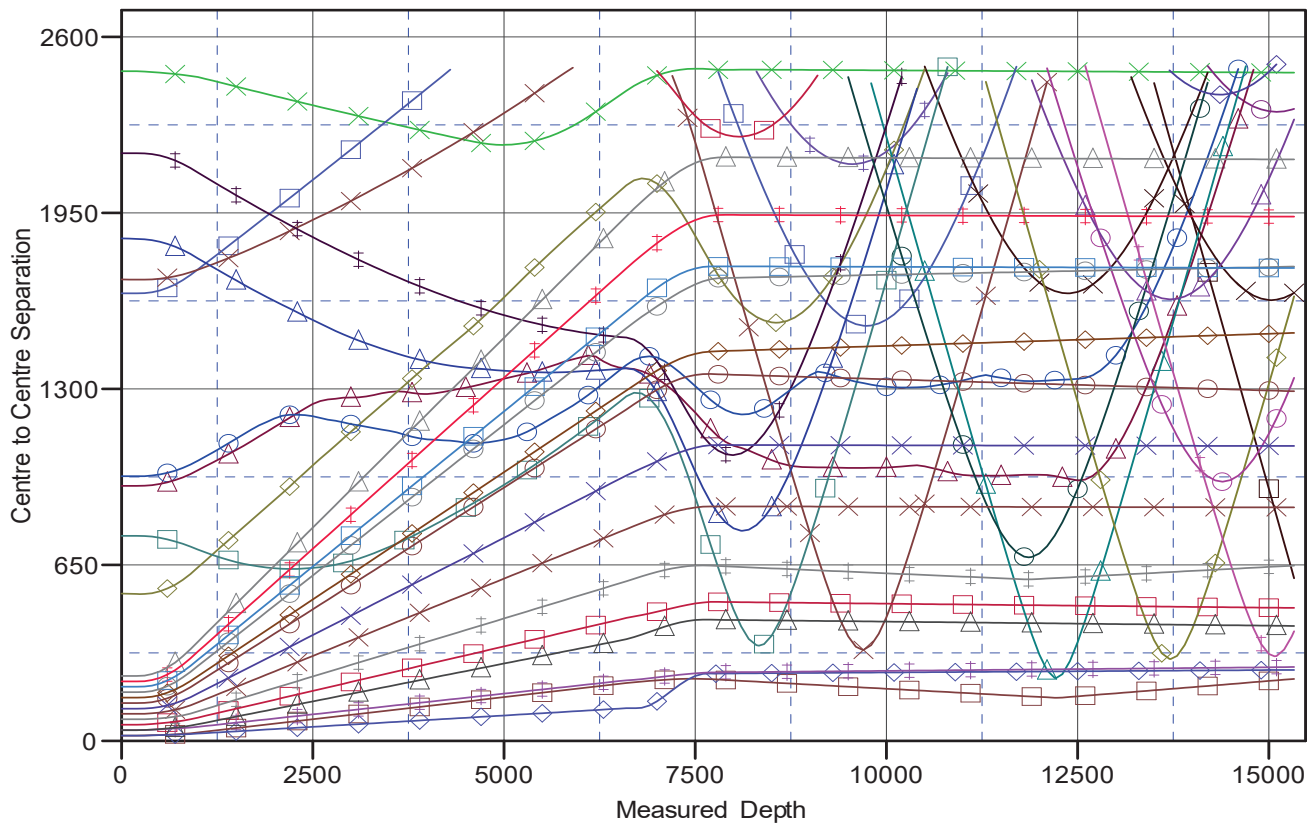
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 25N-1B-M

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.44°

Ladder Plot



LEGEND

Schneider X-31-36HN, PDC Planned Well, Planned Ensign Surveys V0
Simonsen 1Q-241, PDC PR Well, Actual Ensign Surveys V0
CUDNEY/SANDSTEDT #1, QMOGP&A Well, Actual VES Surveys V0
Cecil Farms PC 106-67HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0
HERCULET #1-6, PDC PR Well, No Surveys V0
S B H 1, Antrimex P&A Well, No Surveys V0
HKS 6-22, Noble SI Well, Actual VES Surveys (Grid to True) V0
CECIL FARMS 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 FARMS 6-41, Petro Canada DA Well, No Surveys V0
CECIL FARMS 6-14, Noble P&A Well, Actual VES Surveys (Grid to True) V0

Cecil Farms PC 106-68-1HN, Noble PR Well, Actual DDC Surveys (Grid to True) V0
CECIL FARMS 6-41X, Noble P&A Well, Actual VES Surveys (Grid to True) V0
HOUGHTON #1, Antrimex P&A Well, No Surveys V0
HKS 6-25, Noble SI Well, Actual VES Surveys (Grid to True) V0
Baldrige 8-1, SRC PR Well, Actual Ensign Surveys V0
Schneider 37-36, SRC PR Well, Actual Ensign Surveys V0
Baldrige 17-1, SRC PR Well, Actual Ensign Surveys V0
Baldrige 2-1, SRC PR Well, Actual Ensign Surveys V0
Baldrige 1-1, SRC PR Well, Actual Ensign Surveys V0
Baldrige 7-1, SRC PR Well, Actual Ensign 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 25C-1-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 21N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 2N-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

Hewlett-Packard

Anticollision Report

Company:	SRC ENERGY	Local Co-ordinate Reference:	Well GOLDEN EAGLE 25N-1B-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 25N-1B-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

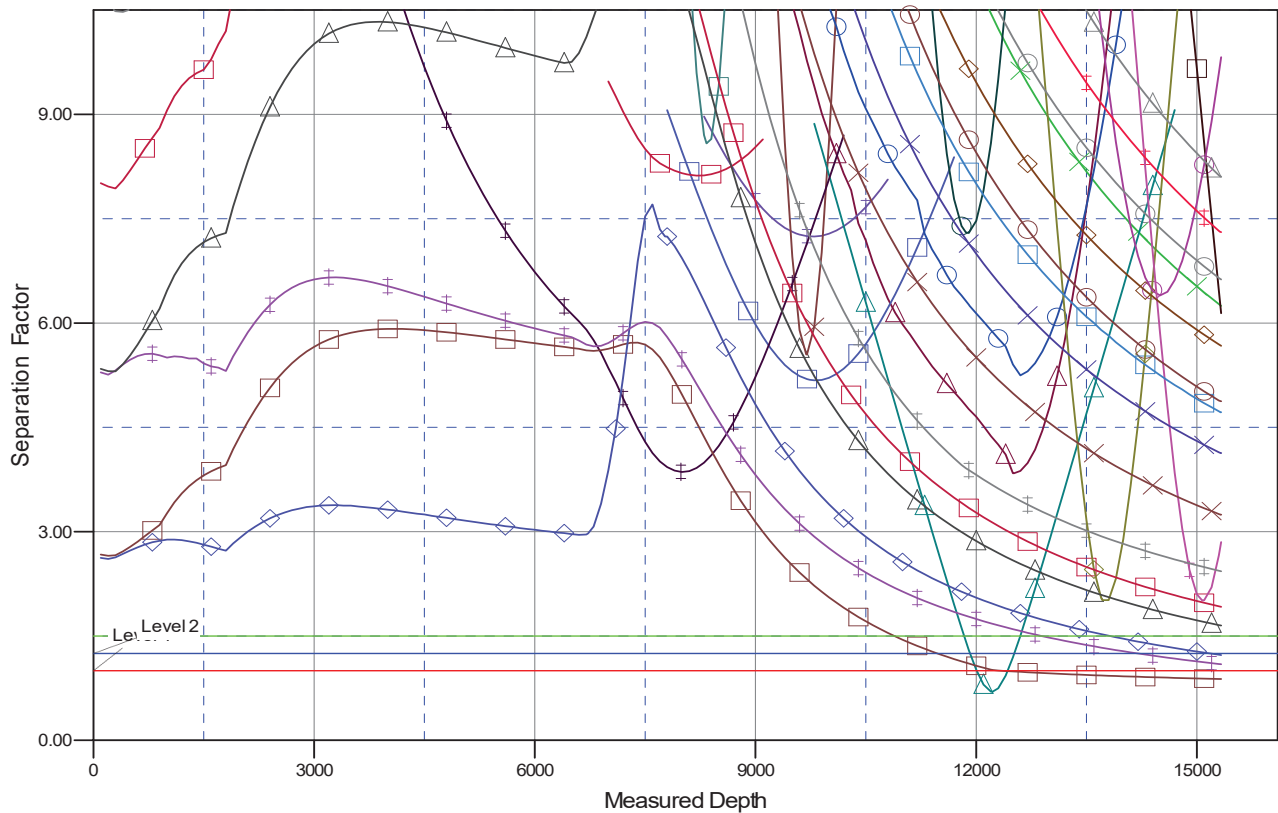
Central Meridian is -105.500000

Coordinates are relative to: GOLDEN EAGLE 25N-1B-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 Ensign Surveys V0
Simonsen 12-241, PDC PR Well, Actual Ensign Surveys V0
CUDNEY/SANDSTEDT #1, QMGP&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
Baldrige #1, SRC PR Well, Actual Ensign Surveys V0
Schneider 37-36, SRC PR Well, Actual Ensign Surveys V0
Baldrige 12-1, SRC PR Well, Actual Ensign Surveys V0
Baldrige 2-1, SRC PR Well, Actual Ensign Surveys V0
Baldrige 1-1, SRC PR Well, Actual Ensign Surveys V0
Baldrige 7-1, SRC PR Well, Actual Ensign 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 25C-1-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 21N-1C-M, Wellbore #1, Design #1 V0
GOLDEN EAGLE 2N-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